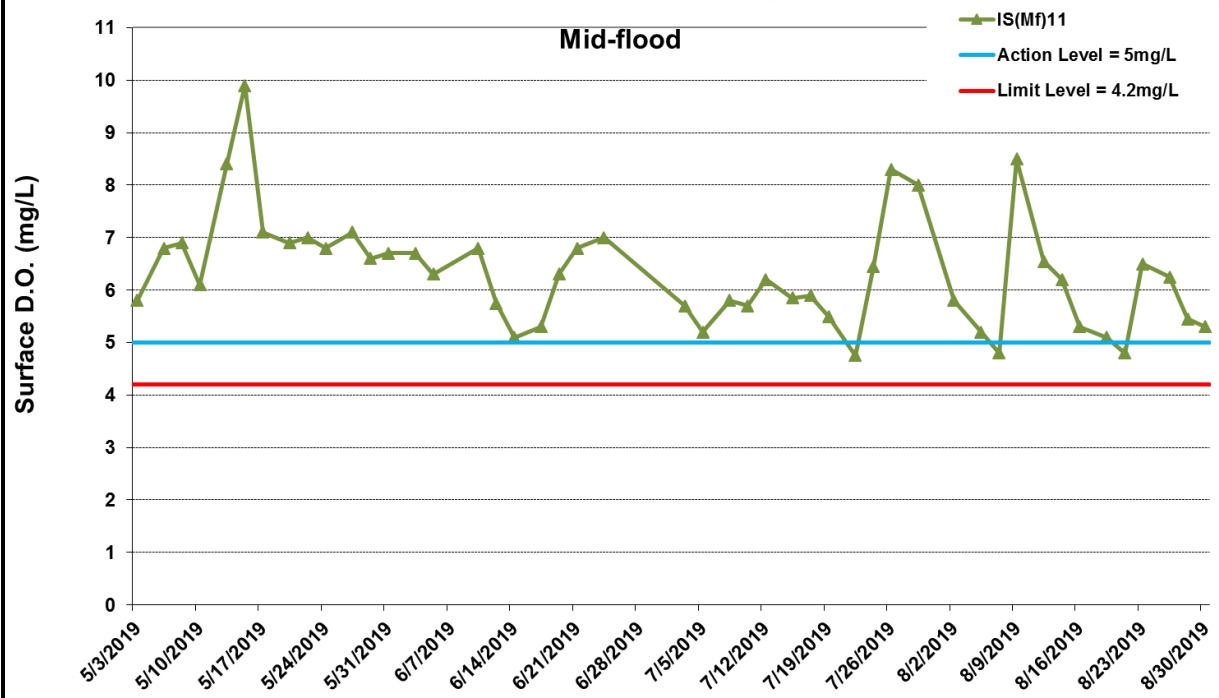
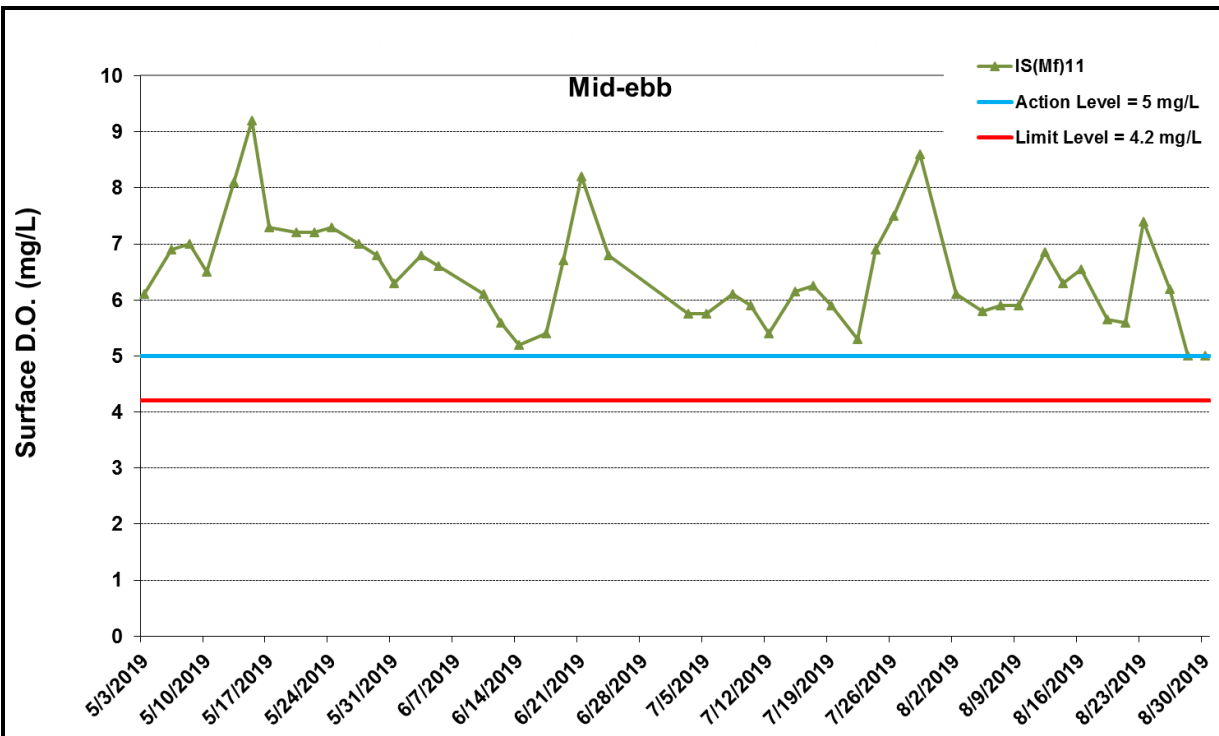


Appendix J

## Impact Water Quality Monitoring Results



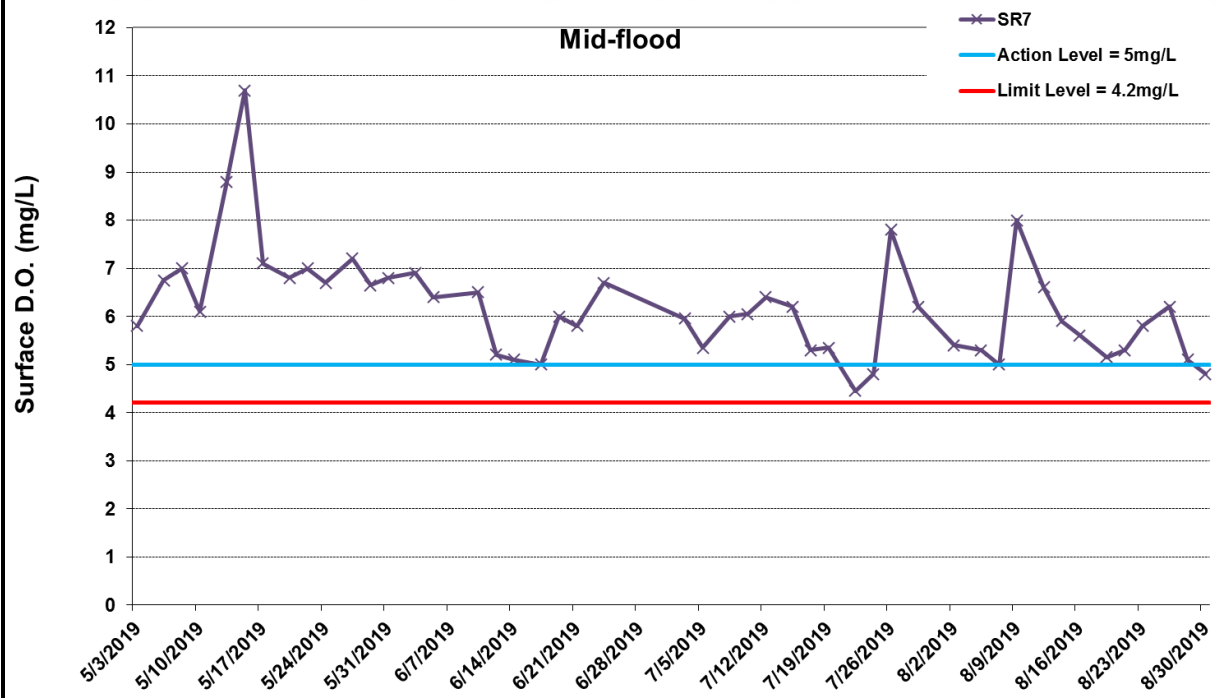
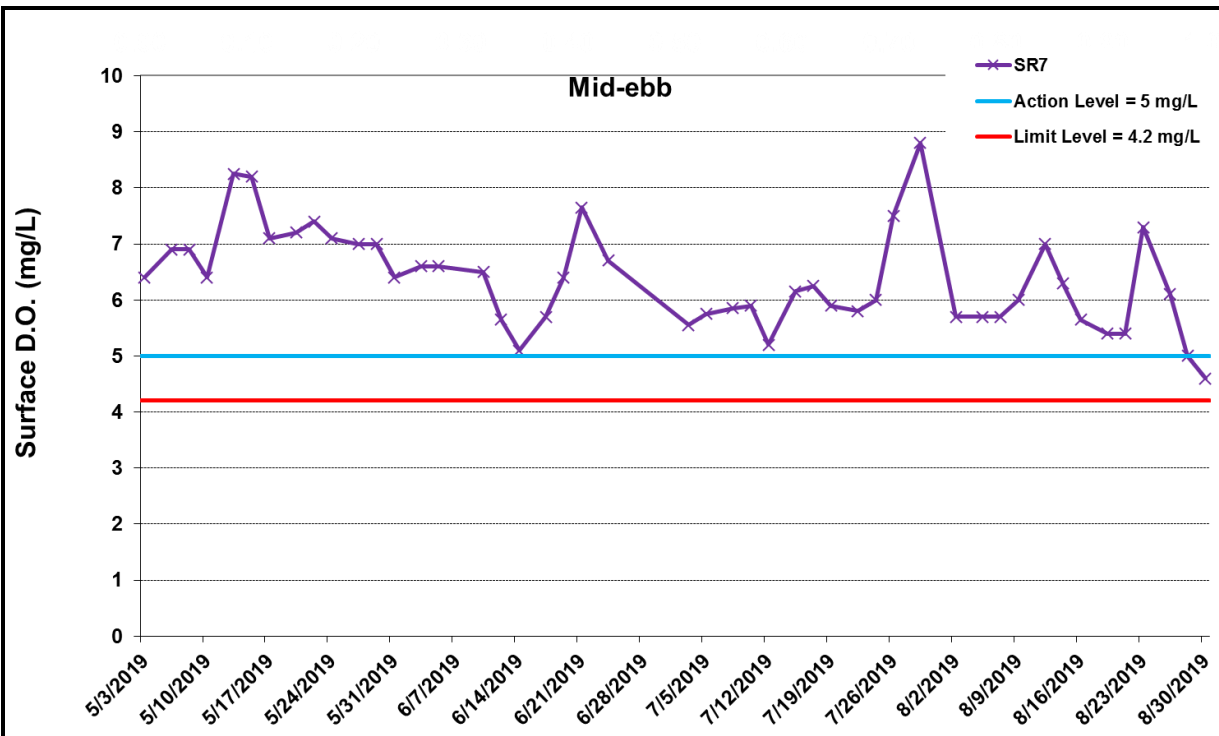
\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

\*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 May 2019 and 31 August 2019 at IS(Mf)11. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).**



Ref: 0212330\_Impact-WQM\_August2019\_graphs\_Rev a.xls



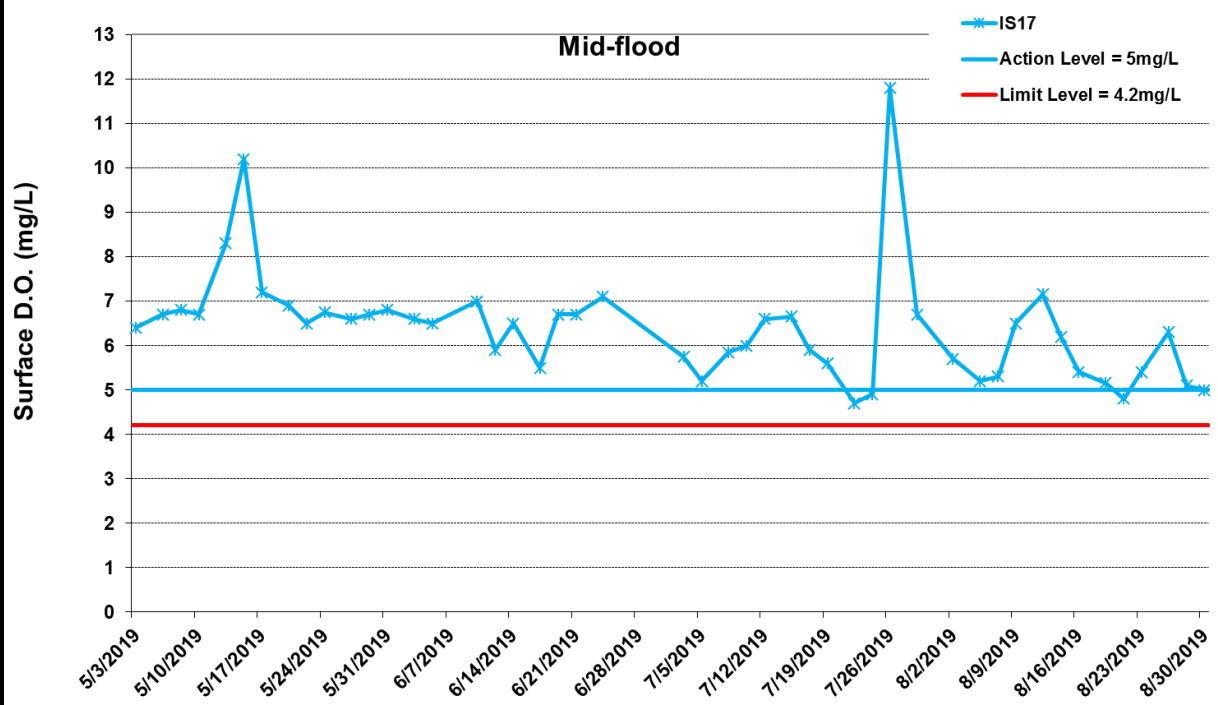
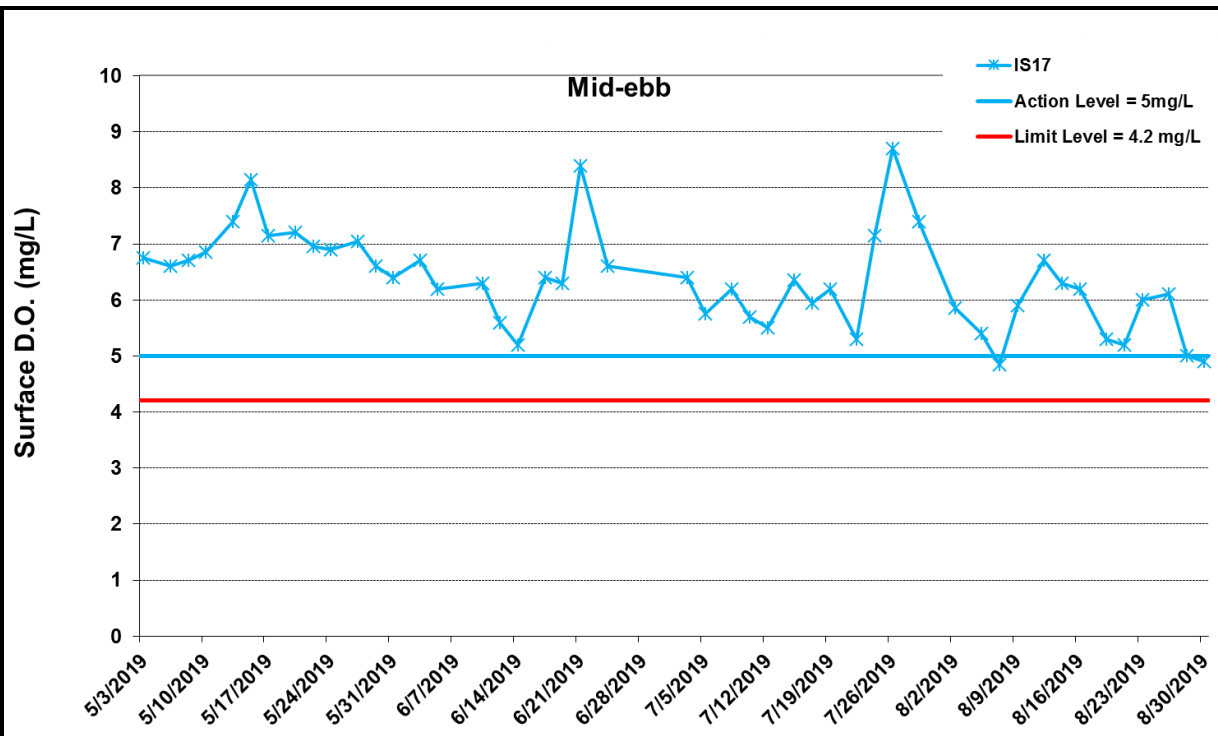
\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

\*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 May 2019 and 31 August 2019 at SR7. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).**



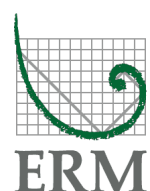
Ref: 0212330\_Impact-WQM\_August2019\_graphs\_Rev a.xls



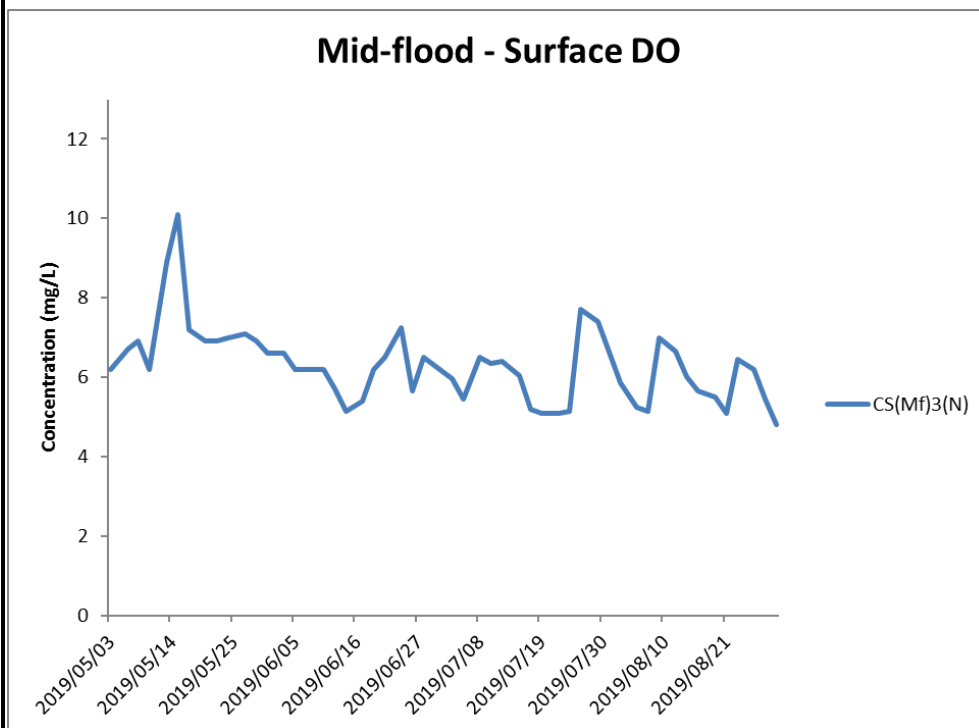
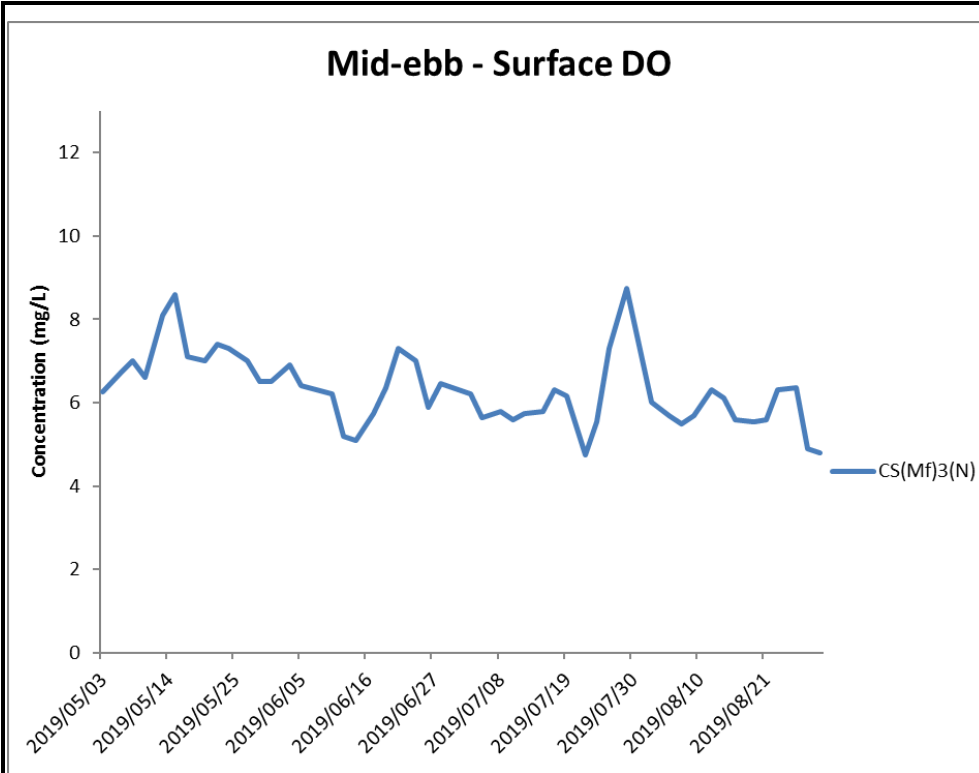
\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

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

**Figure J3 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between 1 May 2019 and 31 August 2019 at IS(Mf)11. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).**



Ref: 0212330\_Impact-WQM\_August2019\_graphs\_Rev a.xls

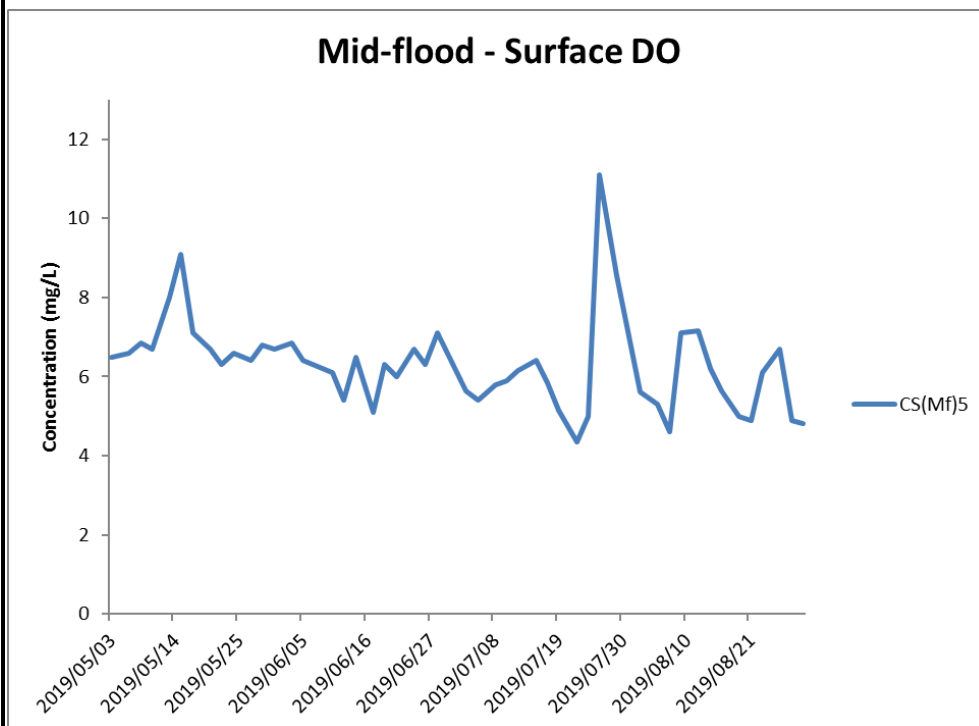
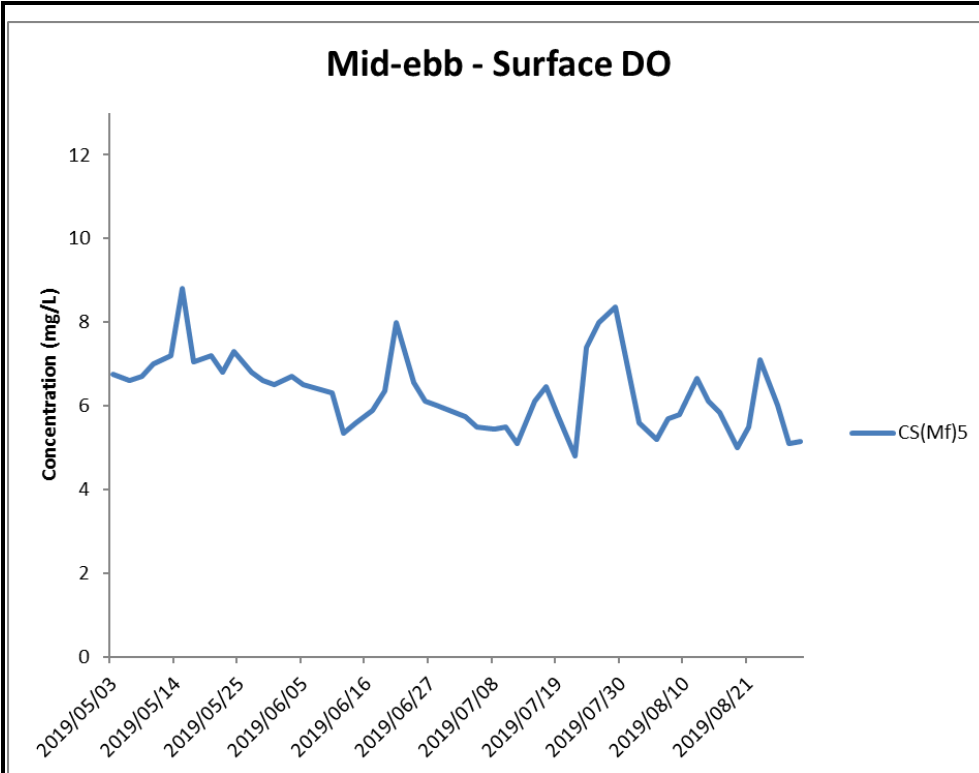


\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J4 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between 1 May 2019 and 31 August 2019 at CS(Mf)3(N). The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).**



Ref: 0212330\_Impact-WQM\_August2019\_graphs\_Rev a.xls

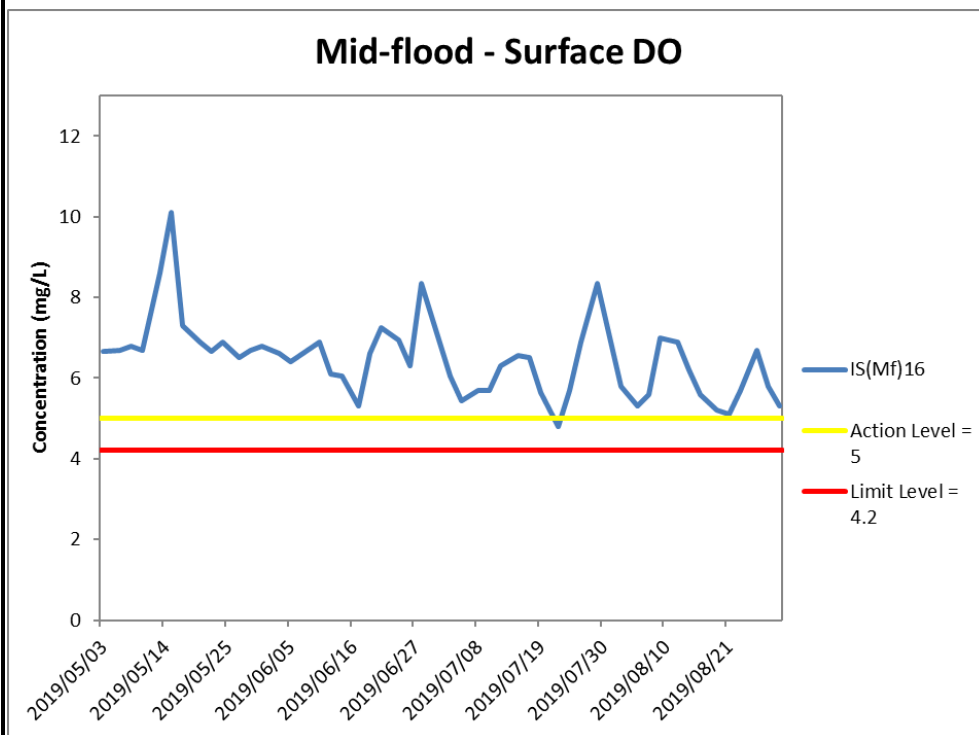
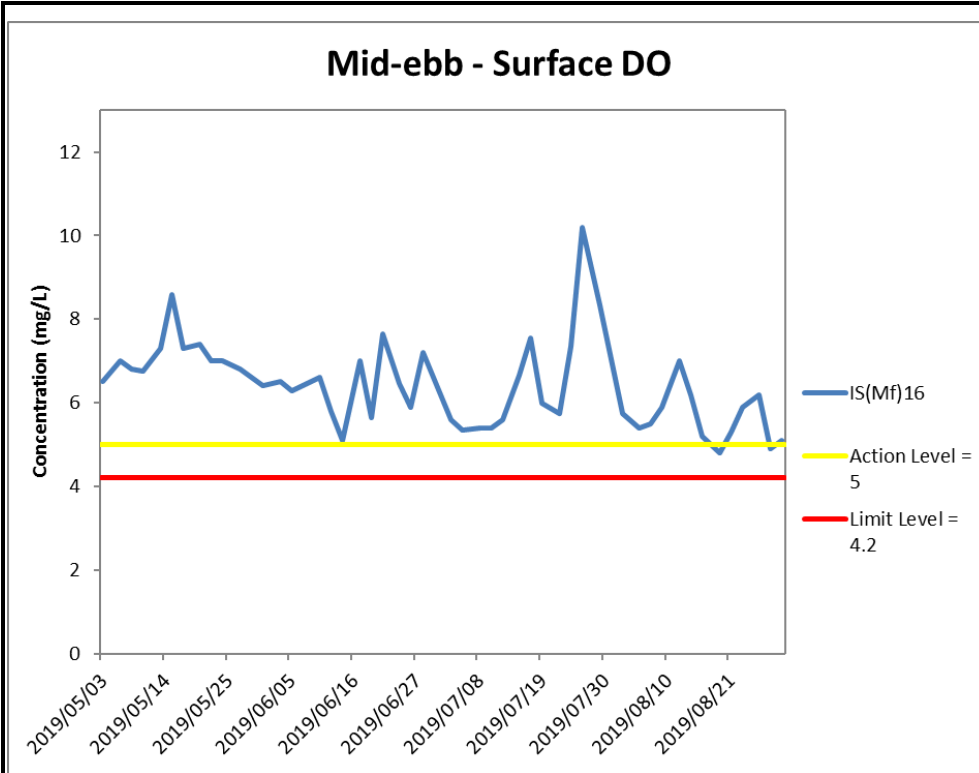


\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J5 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between 1 May 2019 and 31 August 2019 at CS(Mf)5. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).**

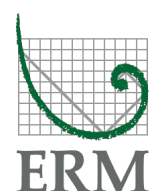


Ref: 0212330\_Impact-WQM\_August2019\_graphs\_Rev a.xls

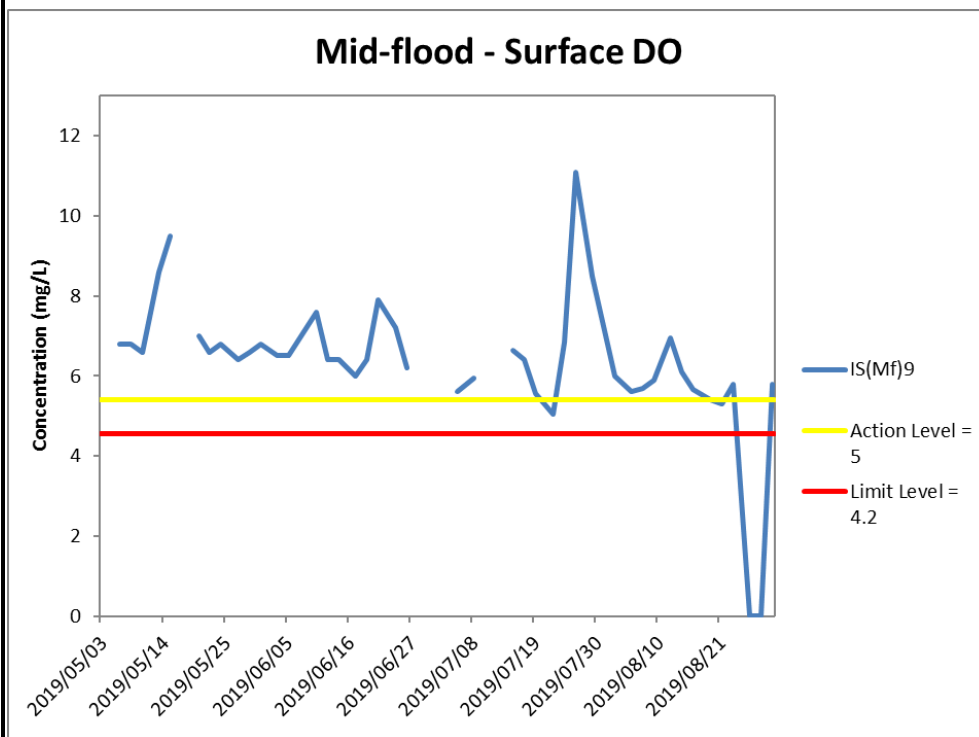
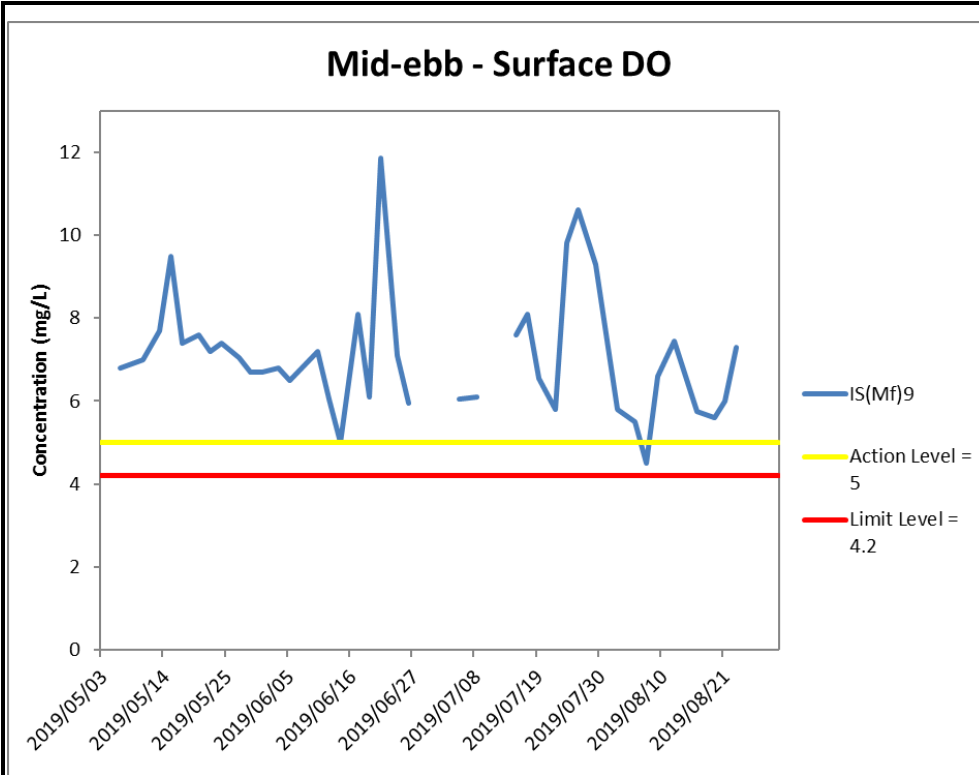


\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J6 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between 1 May 2019 and 31 August 2019 at IS(Mf)16. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).**



Ref: 0212330\_Impact-WQM\_August2019\_graphs\_Rev a.xls



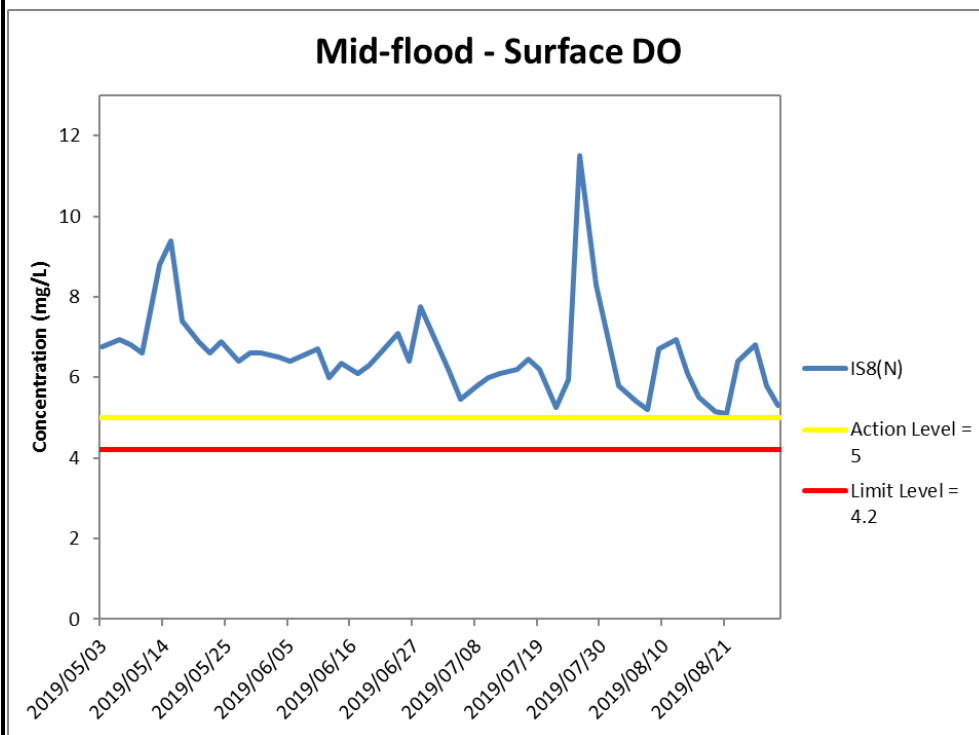
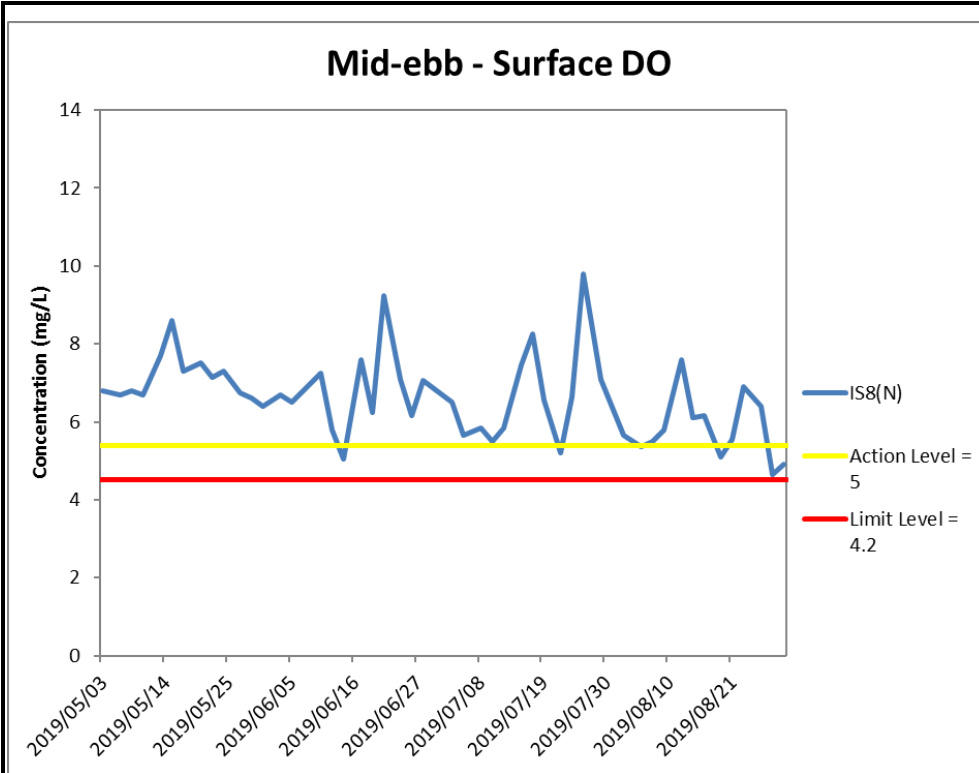
\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J7 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between 1 May 2019 and 31 August 2019 at IS(Mf)9. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).**



Ref: 0212330\_Impact-WQM\_August2019\_graphs\_Rev a.xls



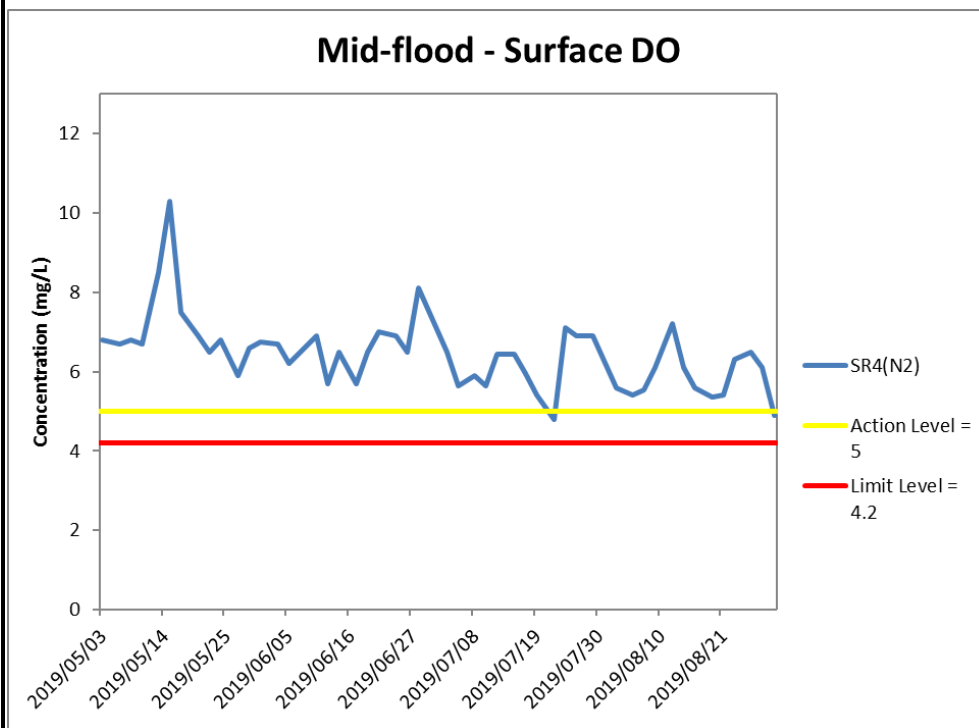
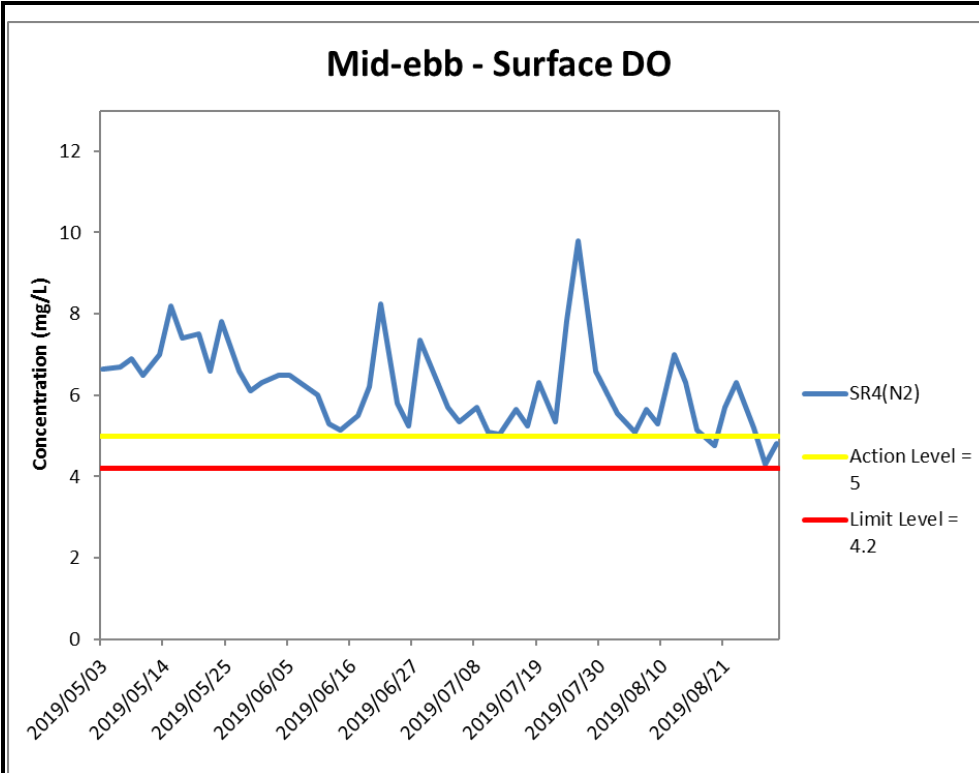


\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J8 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between 1 May 2019 and 31 August 2019 at IS8(N). The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).**

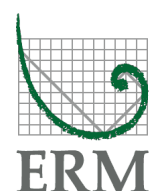


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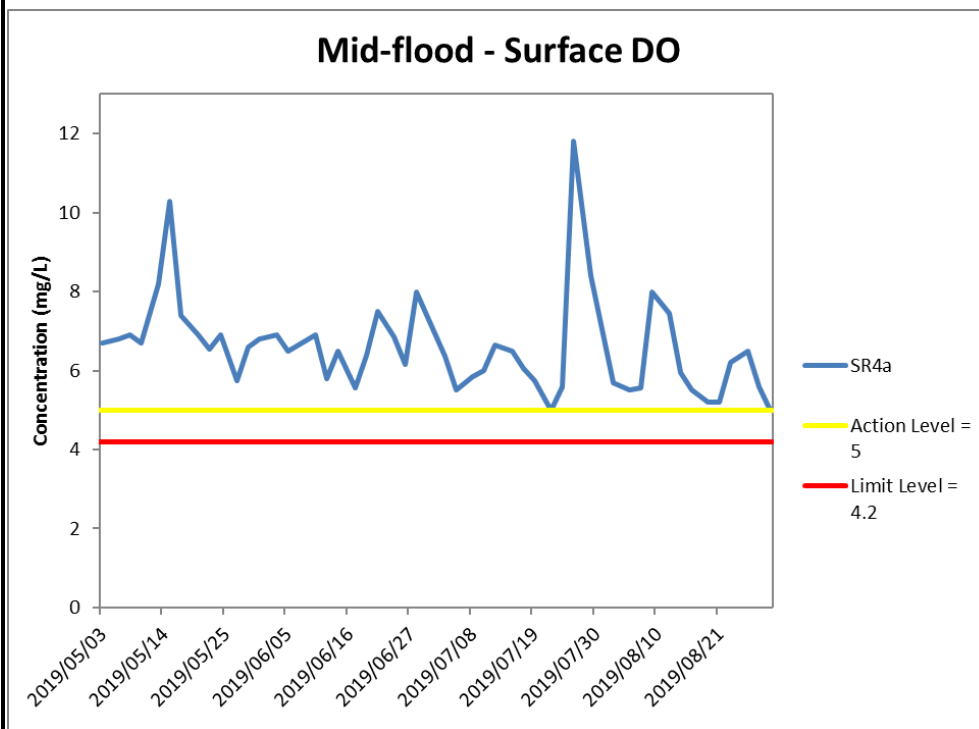
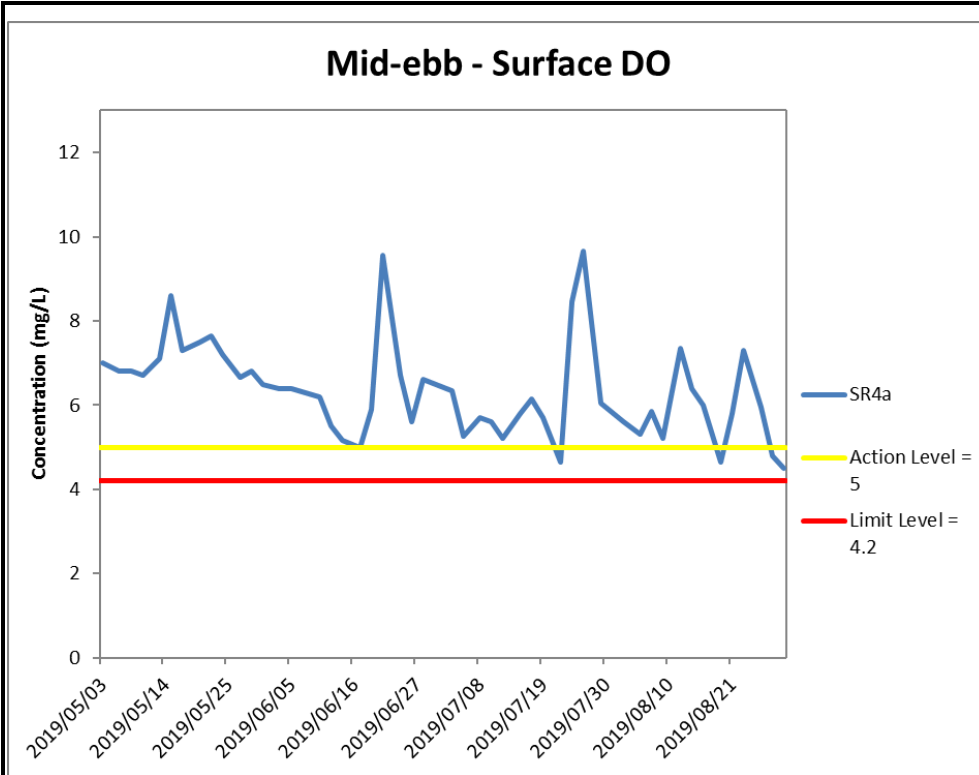


\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J9 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between 1 May 2019 and 31 August 2019 at SR4(N2). The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).**



Ref: 0212330\_Impact-WQM\_August2019\_graphs\_Rev a.xls

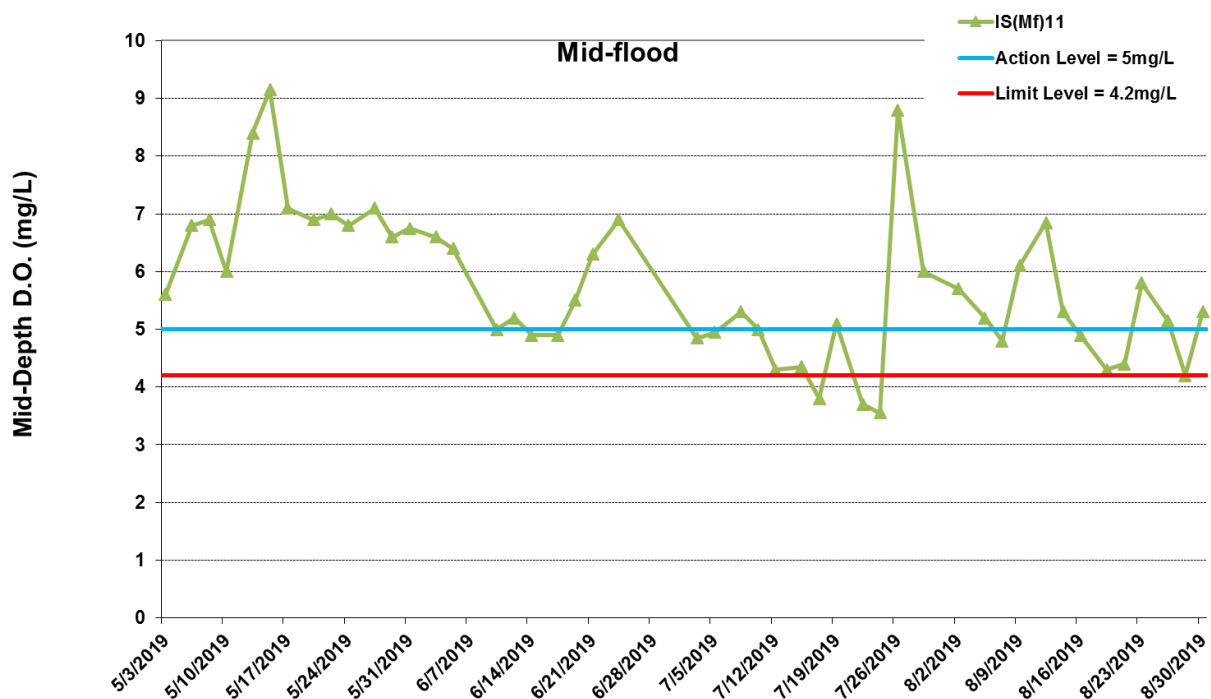
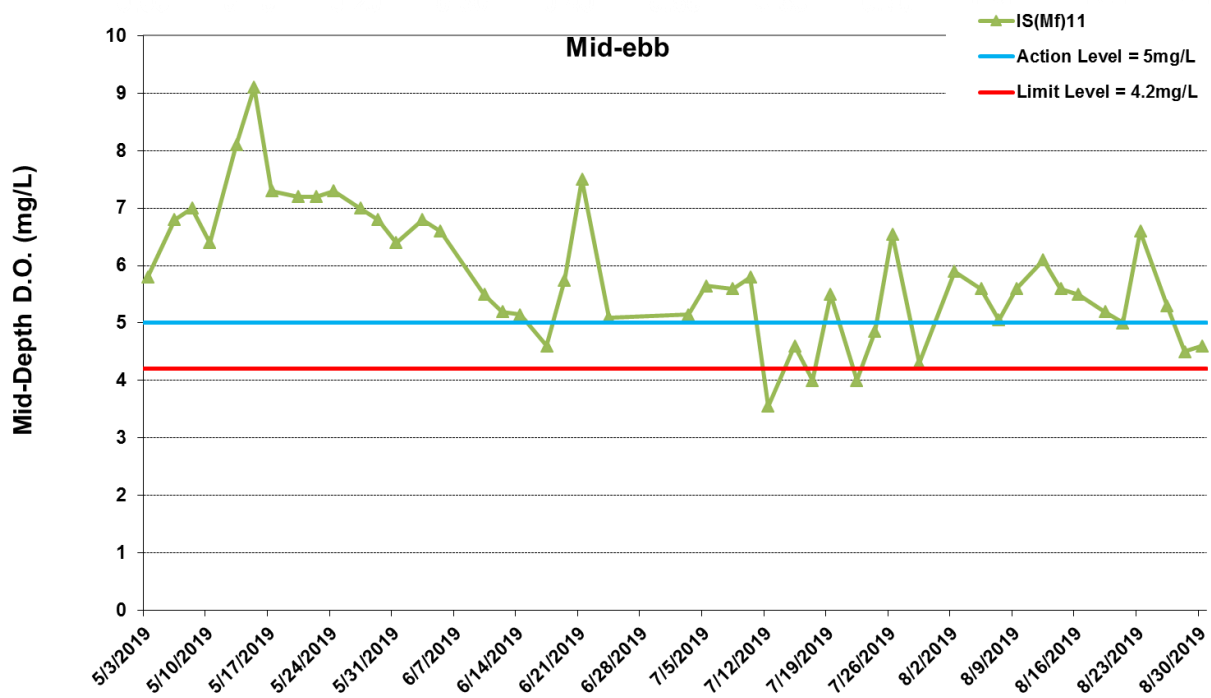


\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J10 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between 1 May 2019 and 31 August 2019 at SR4a. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).**



Ref: 0212330\_Impact-WQM\_August2019\_graphs\_Rev a.xls



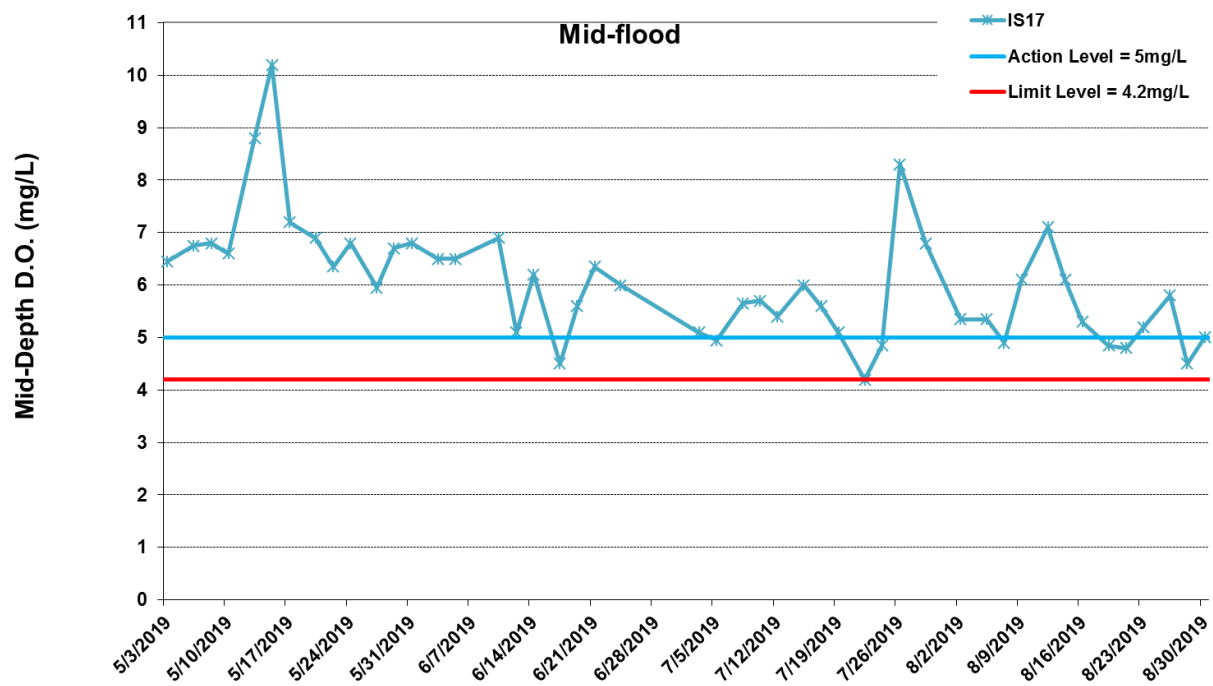
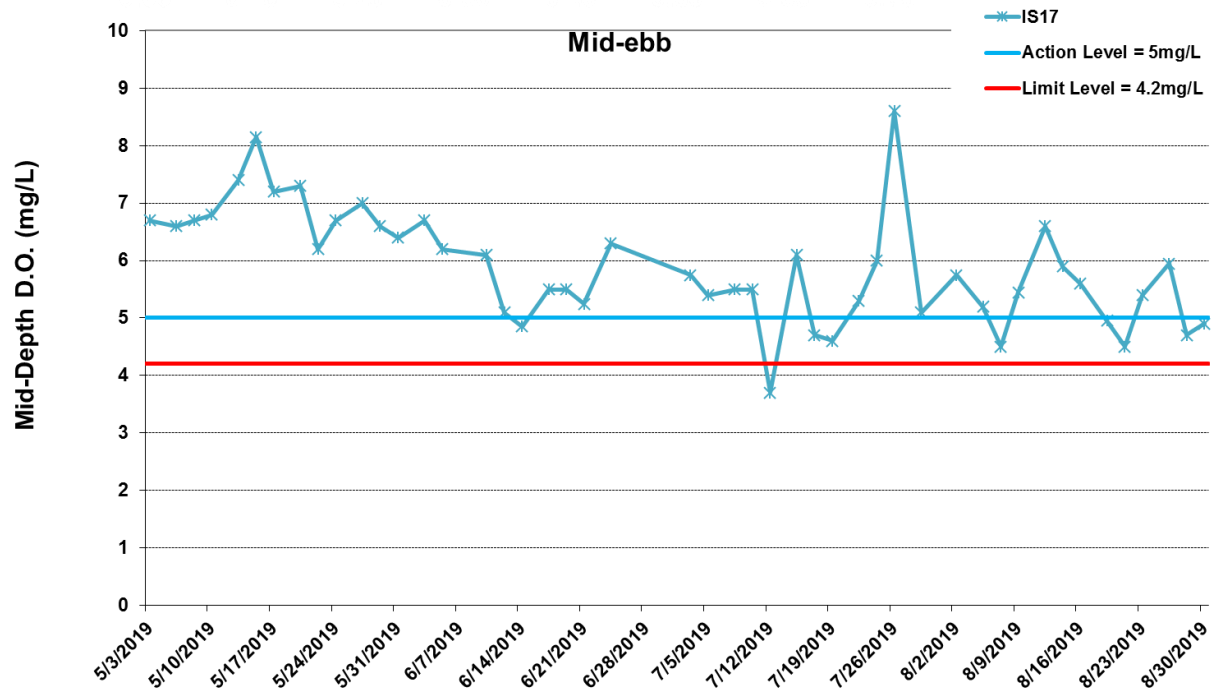
\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

\*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 May 2019 and 31 August 2019 at IS(Mf)11. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).**



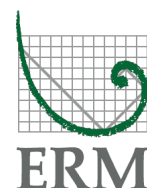


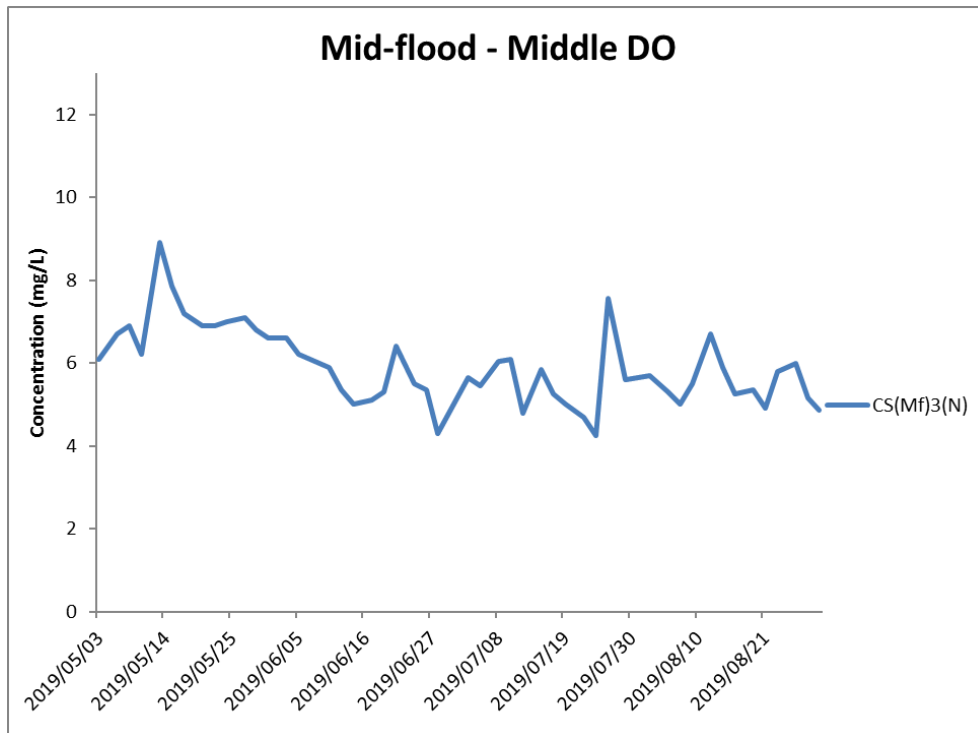
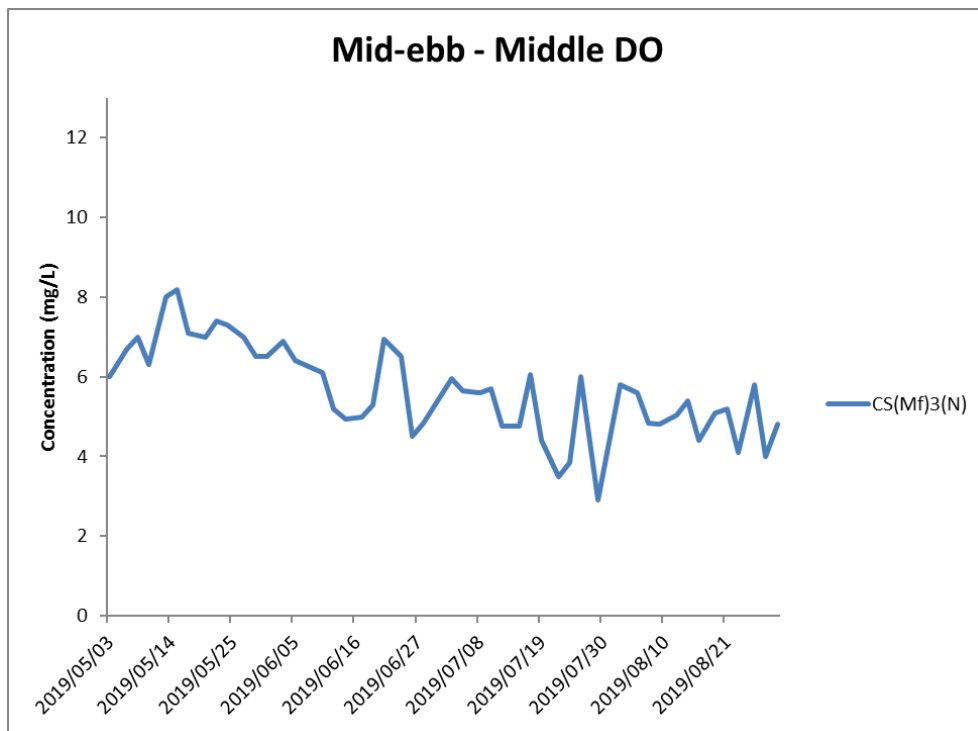
\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

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

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

**Figure J12 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in mid-depth waters between 1 May 2019 and 31 August 2019 at IS17. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).**



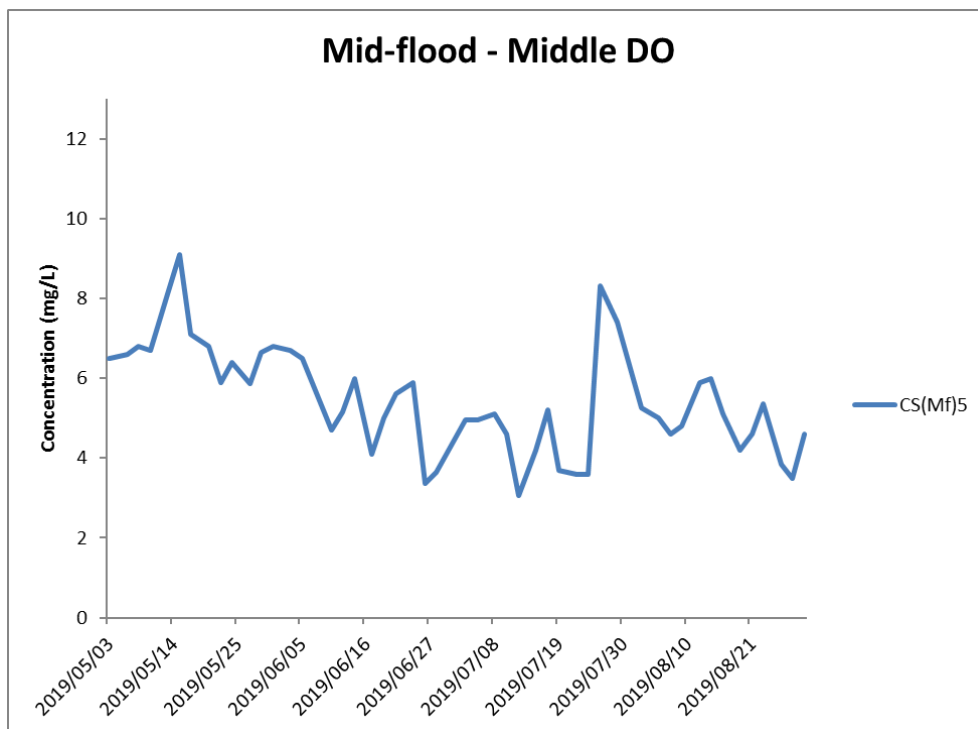
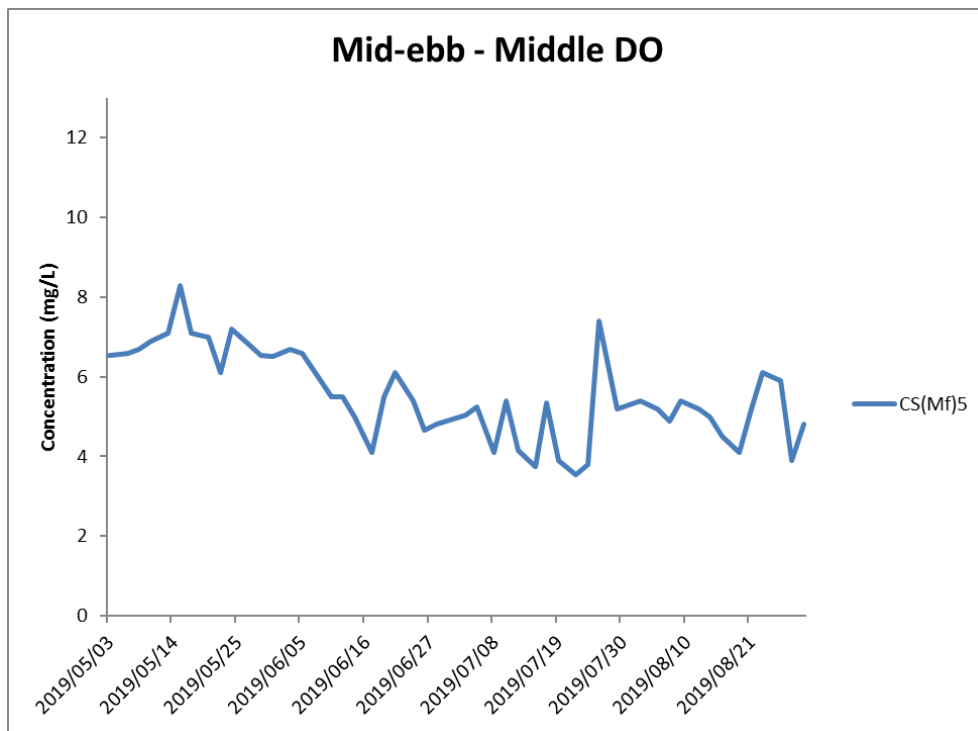


\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J13 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in mid-depth waters between 1 May 2019 and 31 August 2019 at CS(Mf)3(N).** The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).



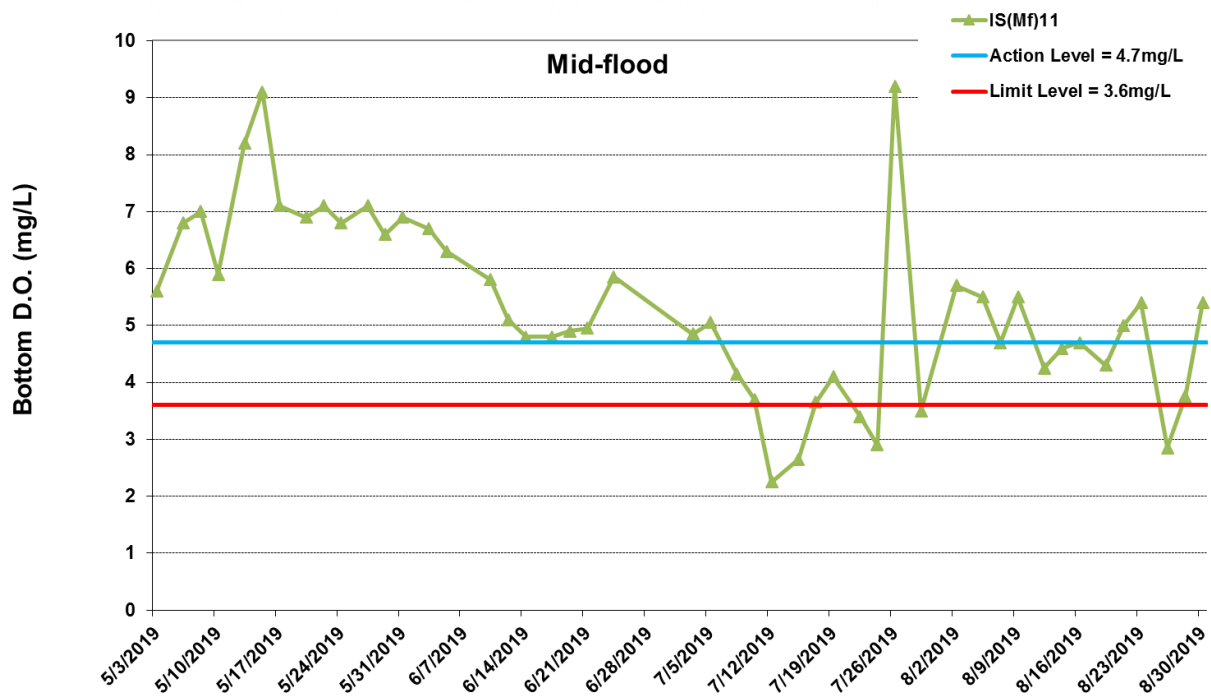
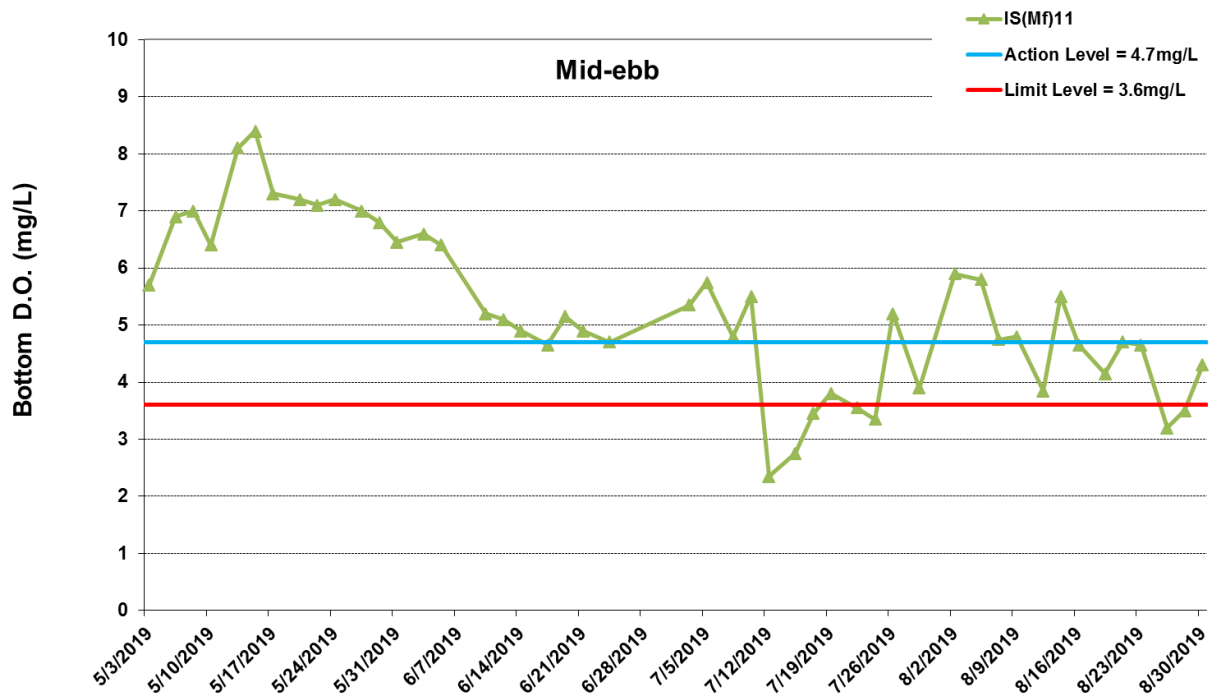
Ref: 0212330\_Impact-WQM\_August2019\_graphs\_Rev a.xls



\*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 May 2019 and 31 August 2019 at CS(Mf)5. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).**





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

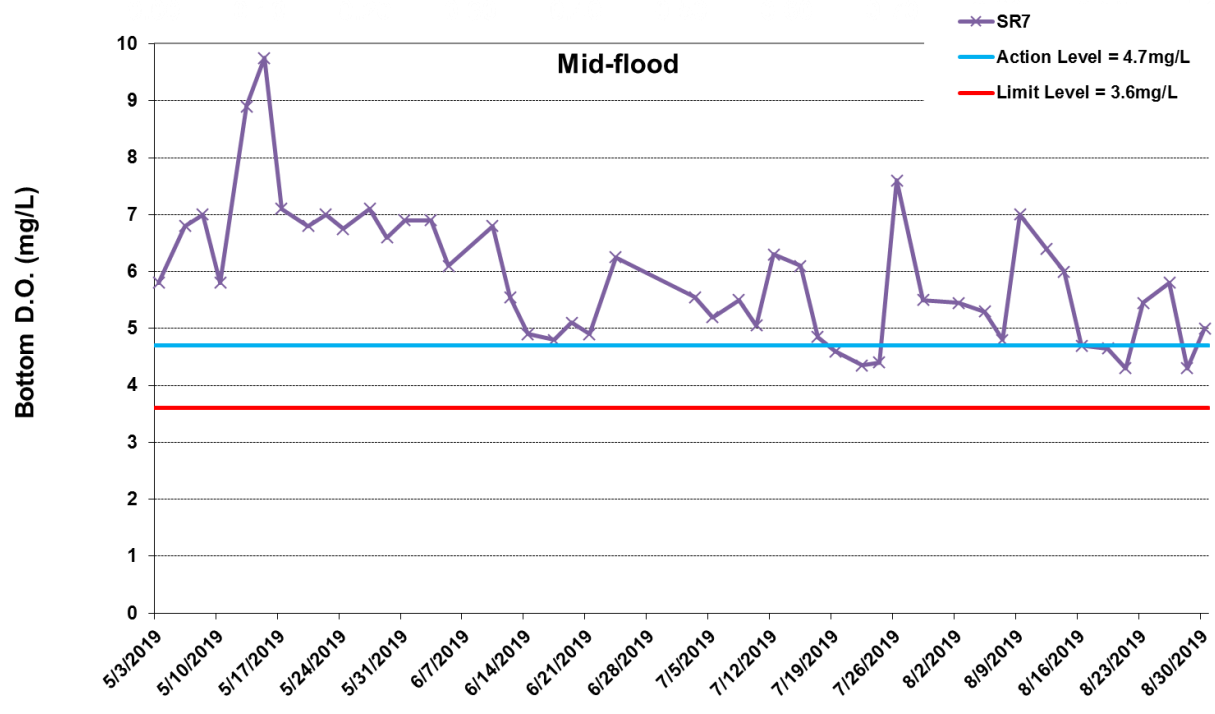
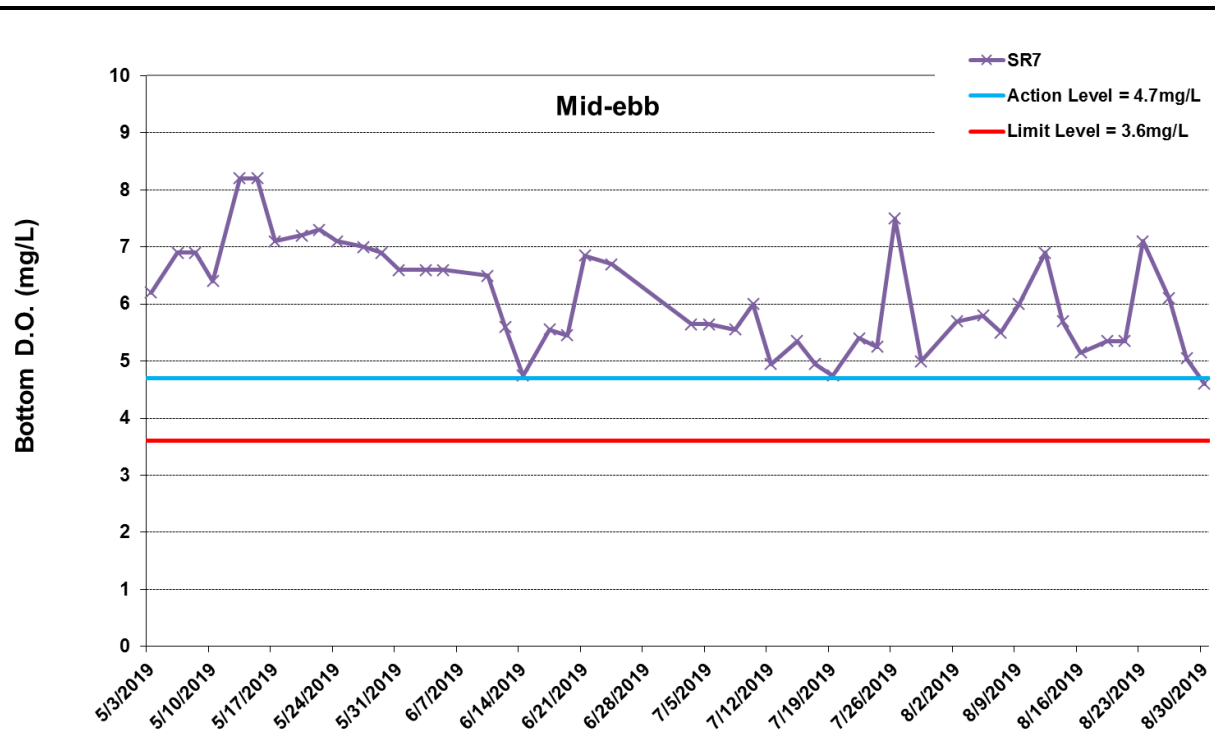
\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J15 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between 1 May 2019 and 31 August 2019 at IS(Mf)11. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).**



Ref: 0212330\_Impact-WQM\_August2019\_graphs\_Rev a.xls





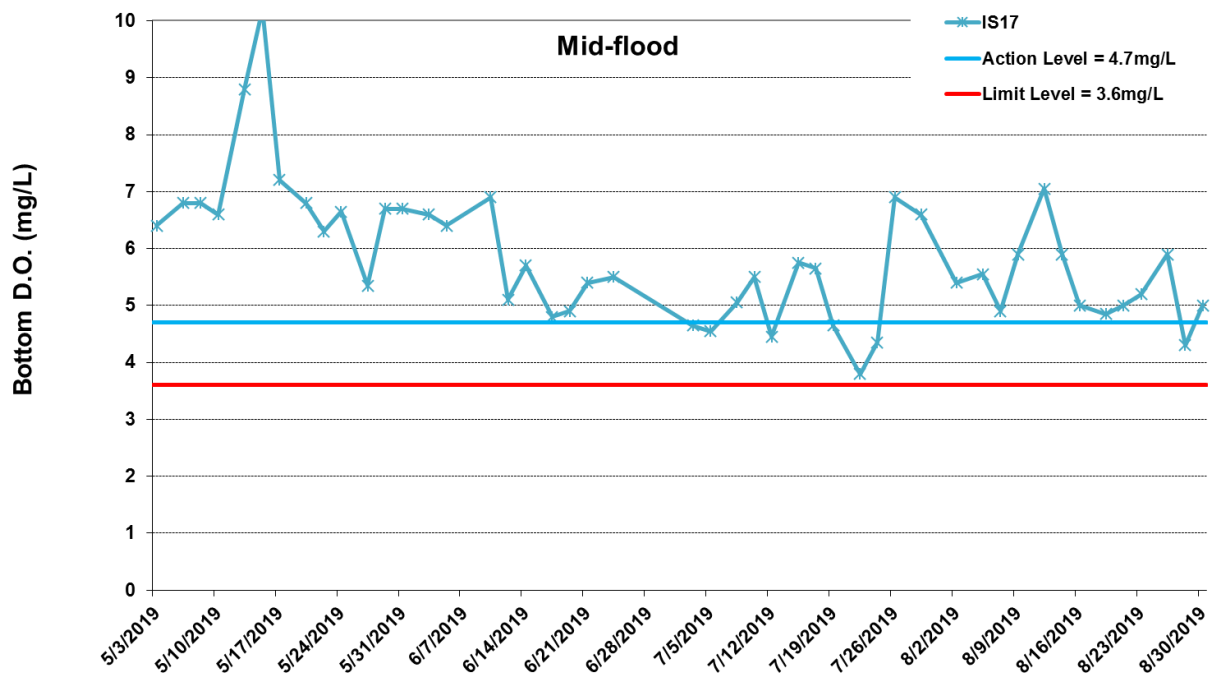
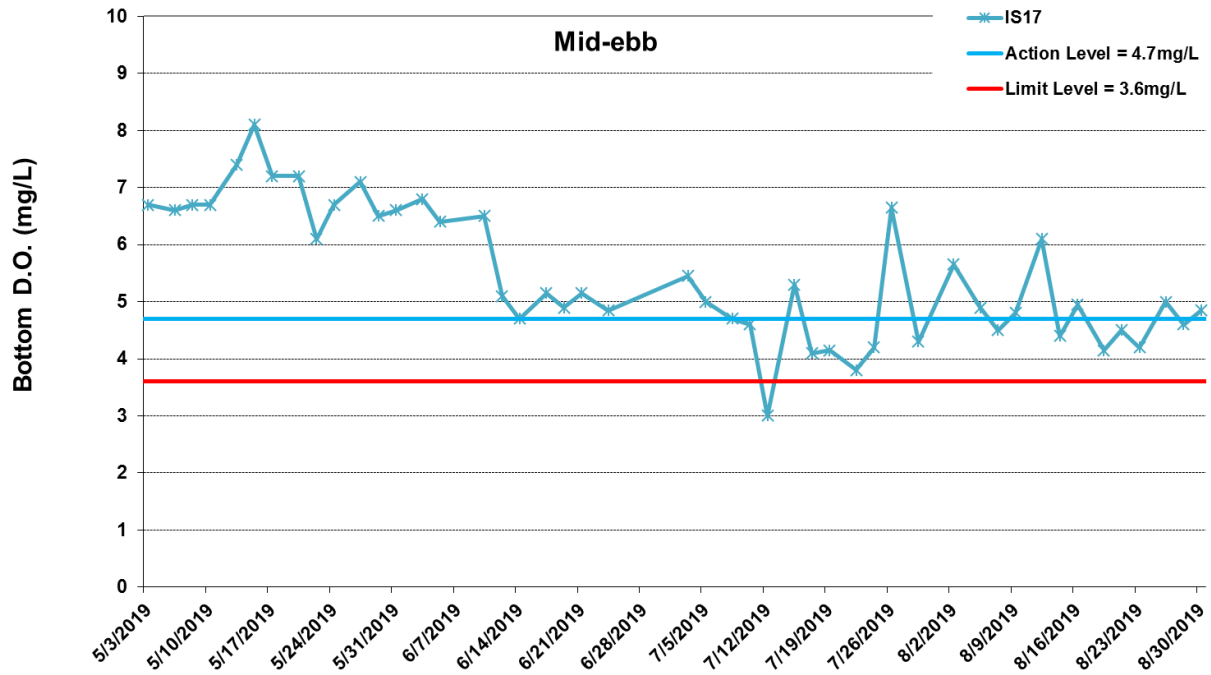
\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

\*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 May 2019 and 31 August 2019 at SR7. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).**



Ref: 0212330\_Impact-WQM\_August2019\_graphs\_Rev a.xls

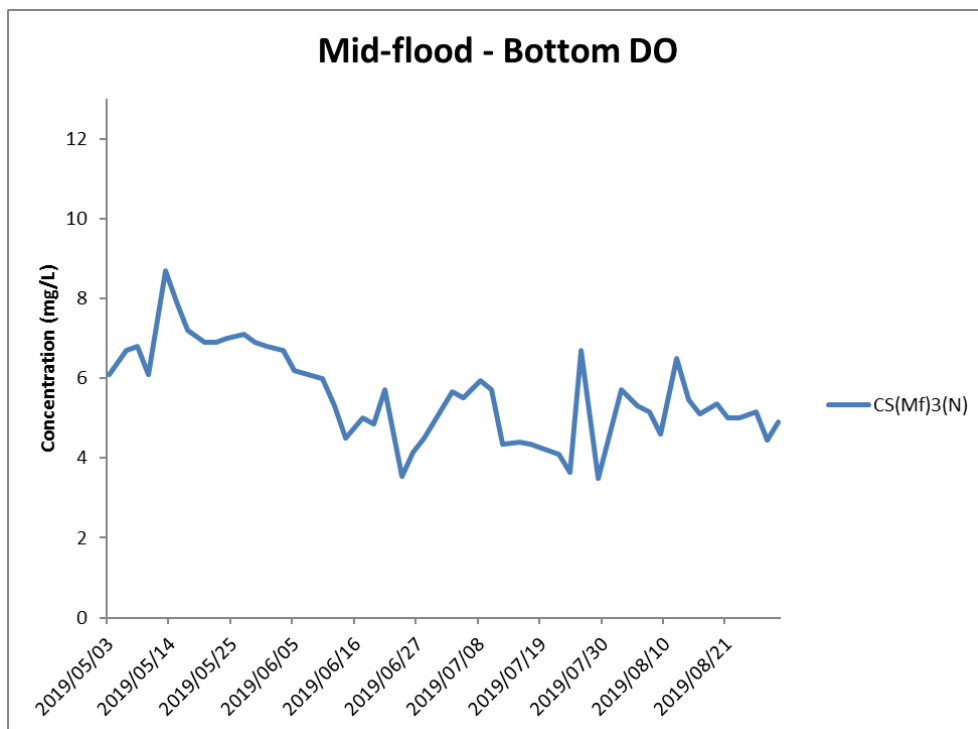
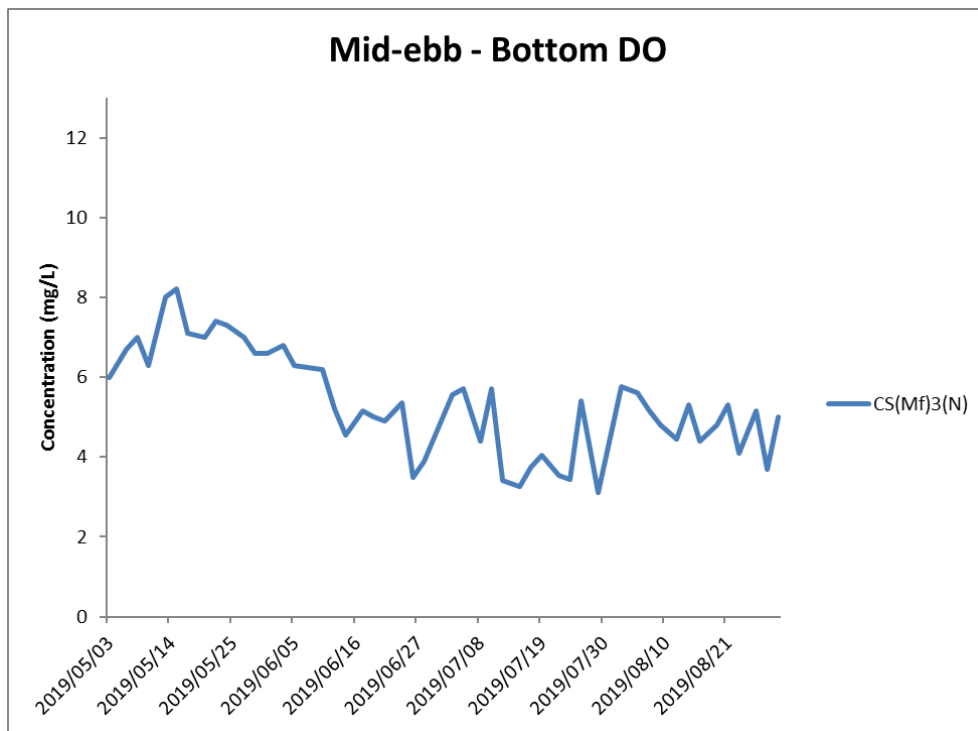


\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

\*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 May 2019 and 31 August 2019 at IS17. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).**

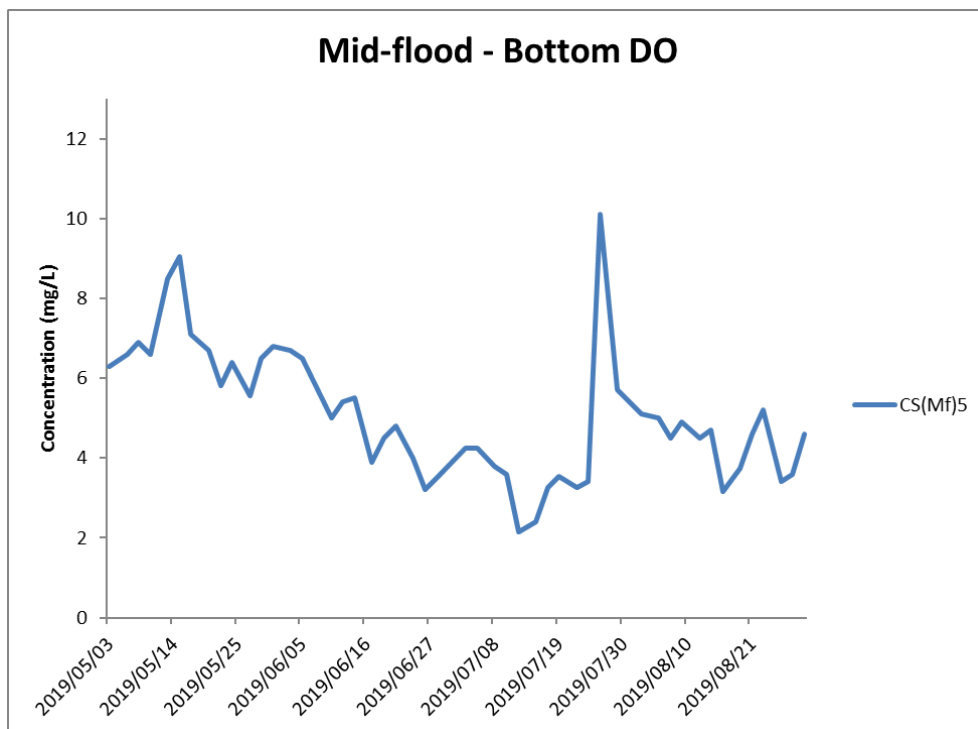
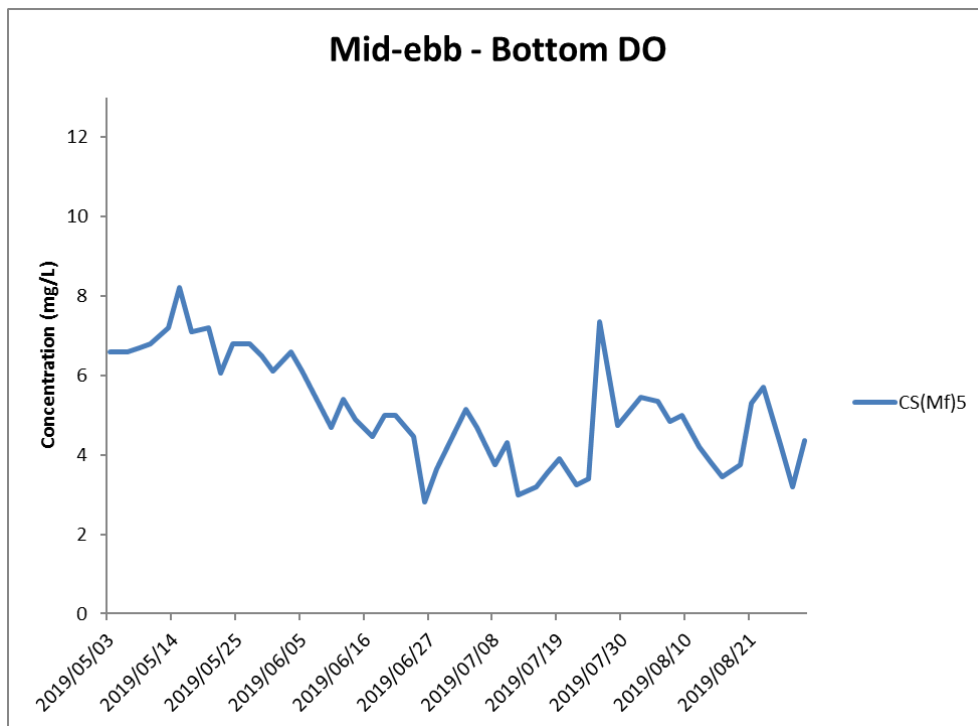




\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J18 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between 1 May 2019 and 31 August 2019 at CS(Mf)3(N). The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).**

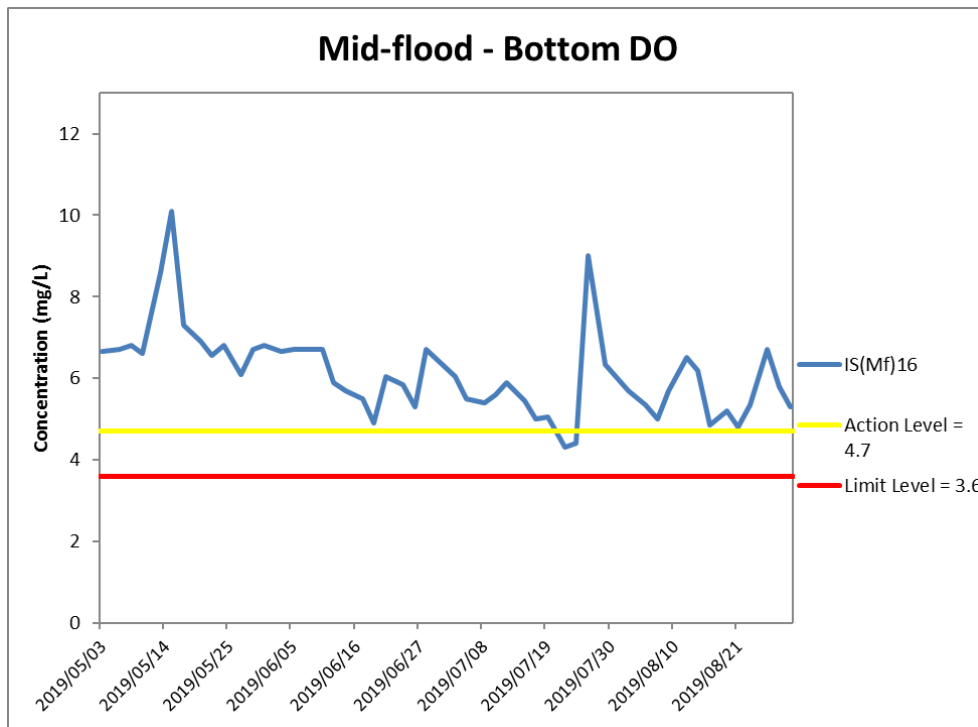
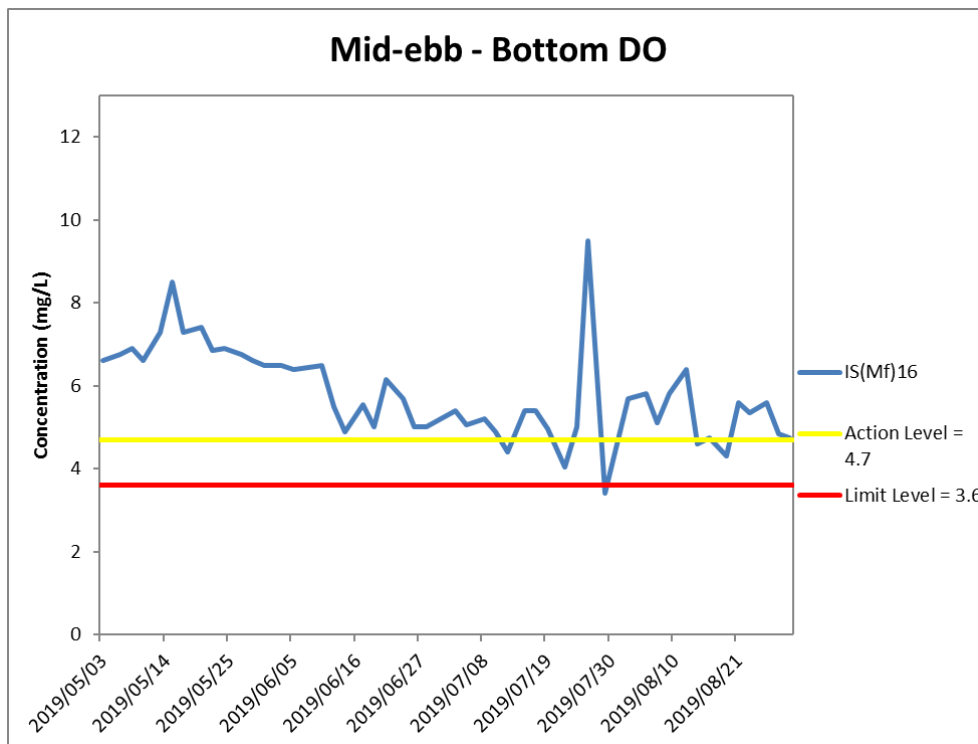




\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J19 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between 1 May 2019 and 31 August 2019 at CS(Mf)5. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).**



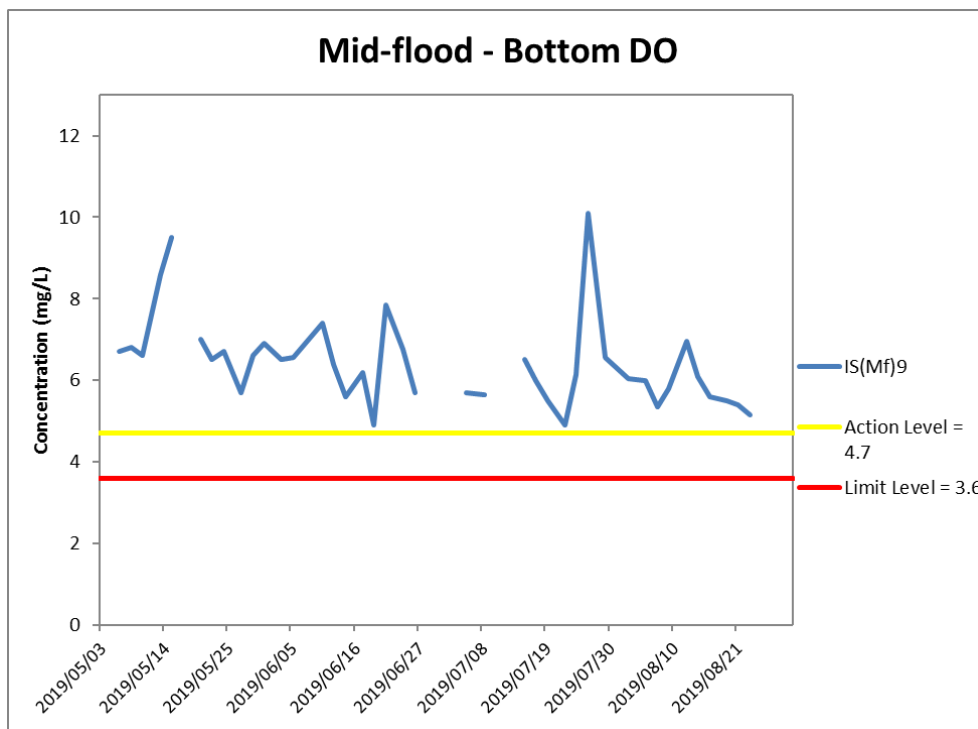
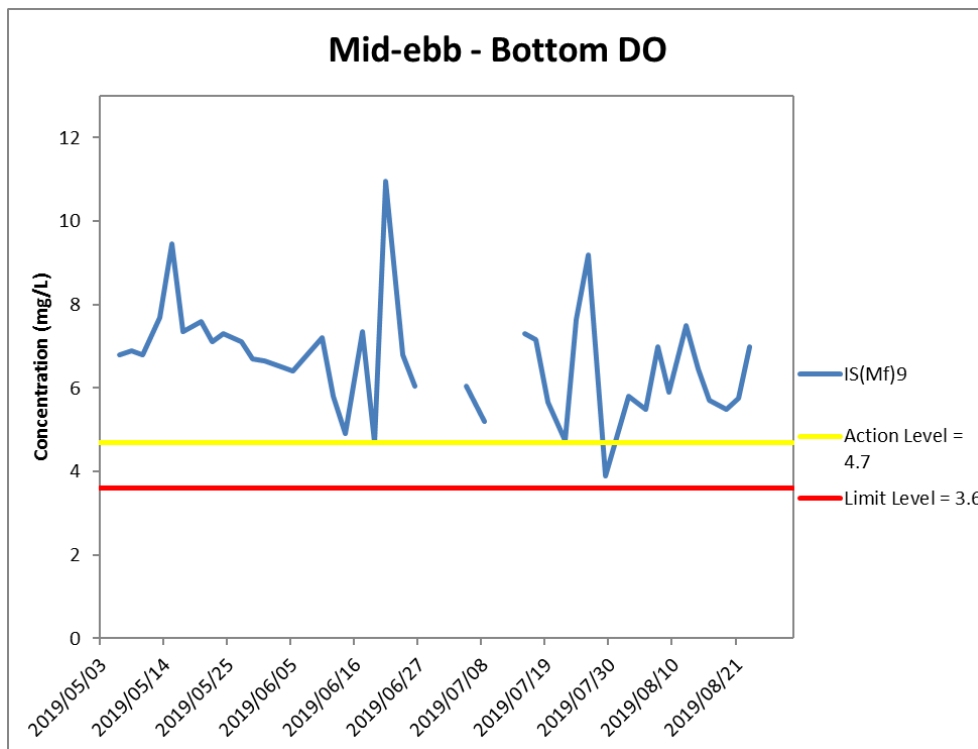


\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J20 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between 1 May 2019 and 31 August 2019 at IS(Mf)16. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).**



Ref: 0212330\_Impact-WQM\_August2019\_graphs\_Rev a.xls

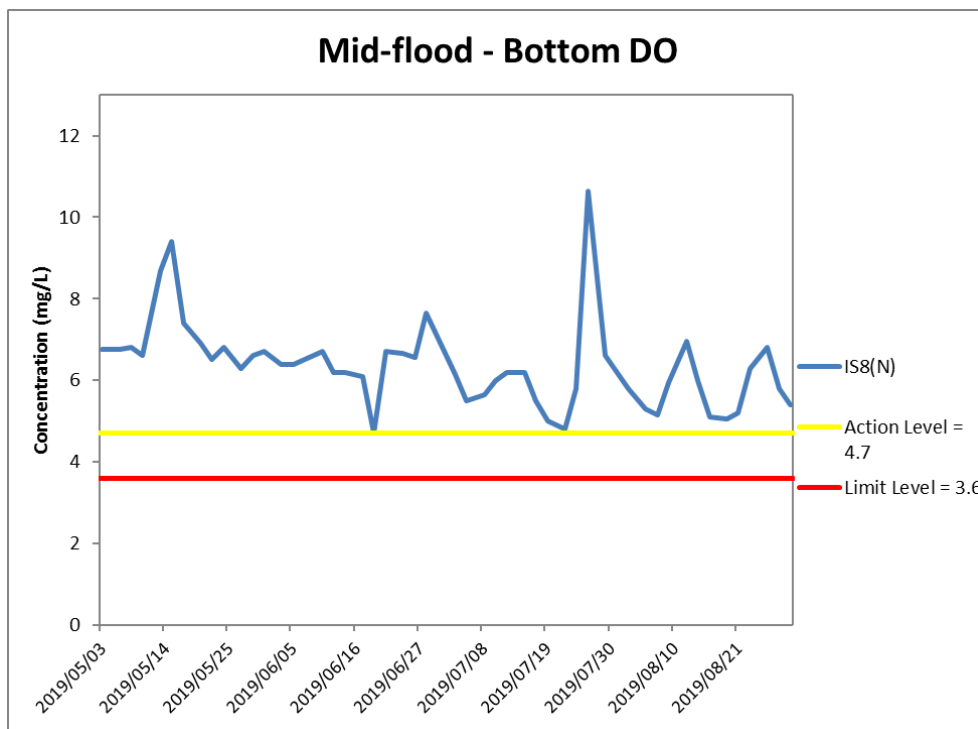
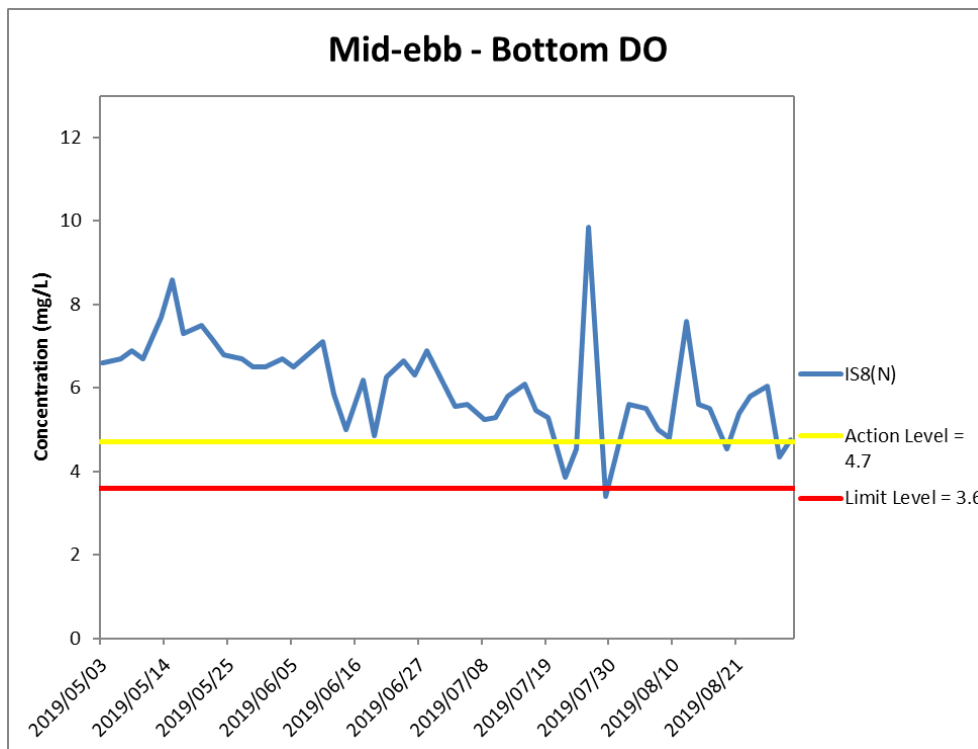


\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J21 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between 1 May 2019 and 31 August 2019 at IS(Mf)9. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).**



Ref: 0212330\_Impact-WQM\_August2019\_graphs\_Rev a.xls

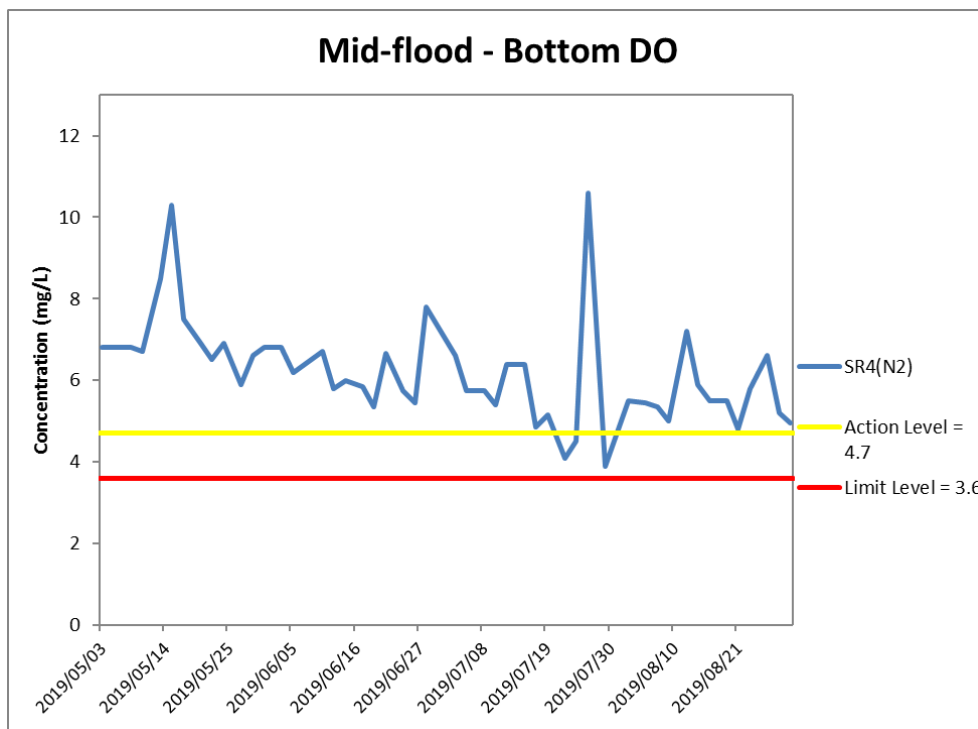
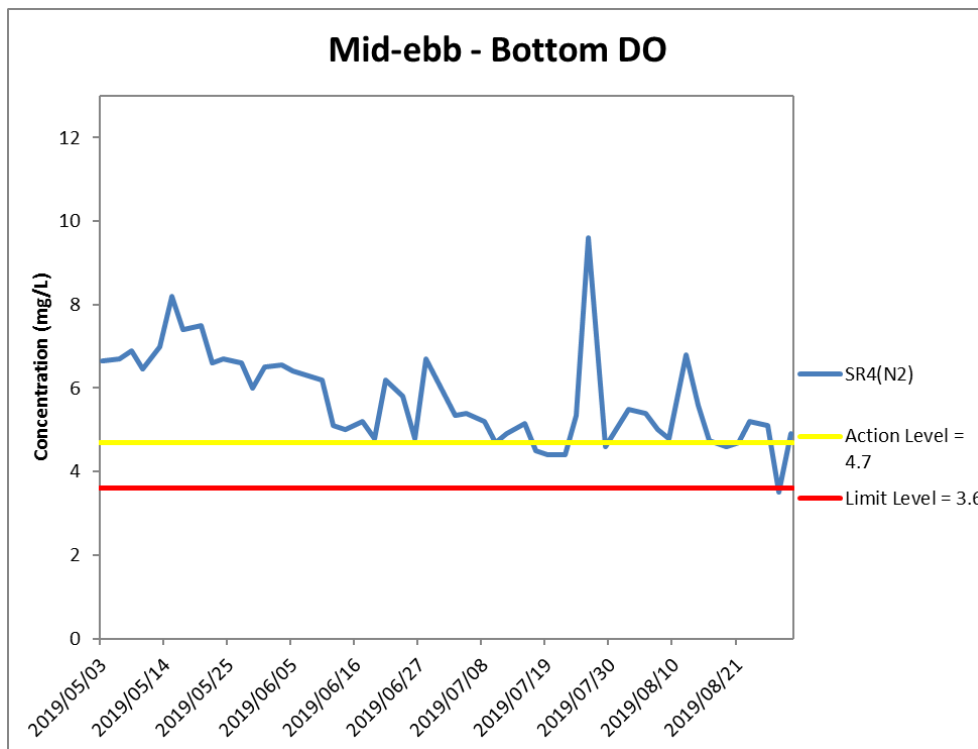


\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J22 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between 1 May 2019 and 31 August 2019 at IS8(N). The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).**



Ref: 0212330\_Impact-WQM\_August2019\_graphs\_Rev a.xls



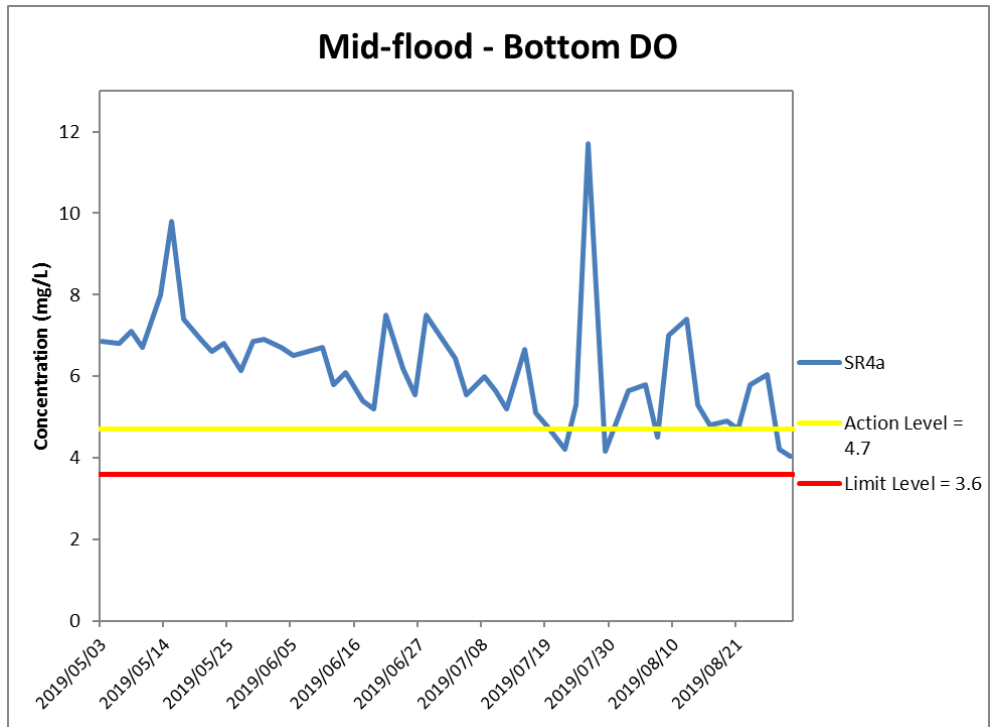
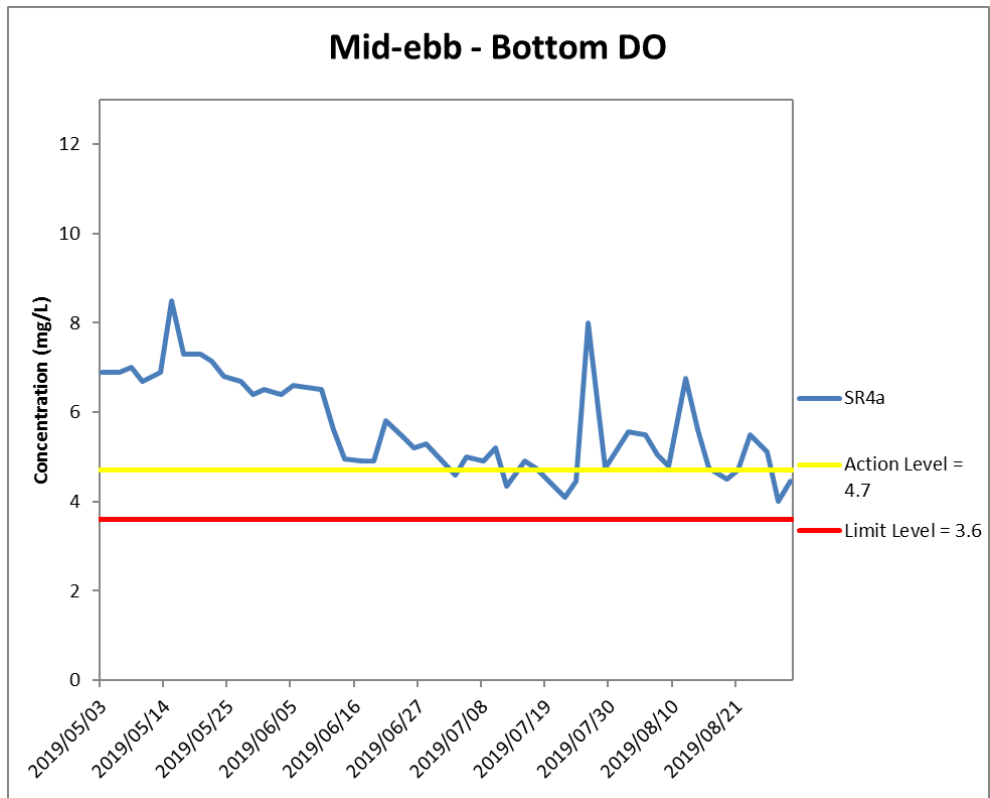
\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J23 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between 1 May 2019 and 31 August 2019 at SR4(N2). The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).**



Ref: 0212330\_Impact-WQM\_August2019\_graphs\_Rev a.xls

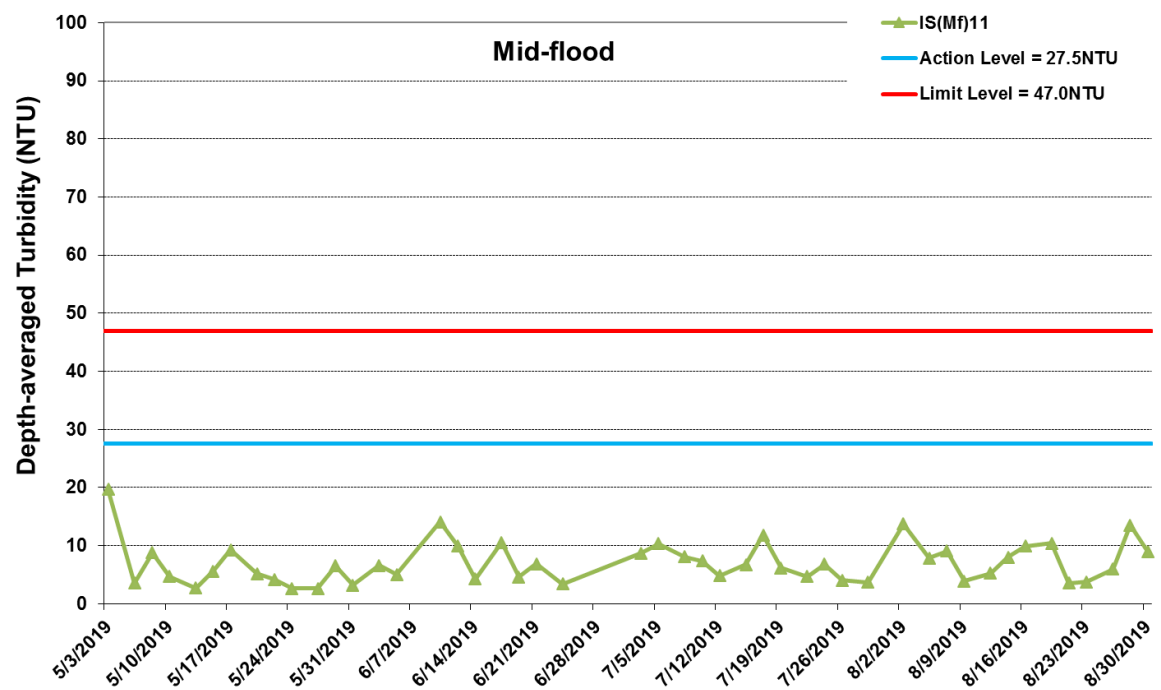
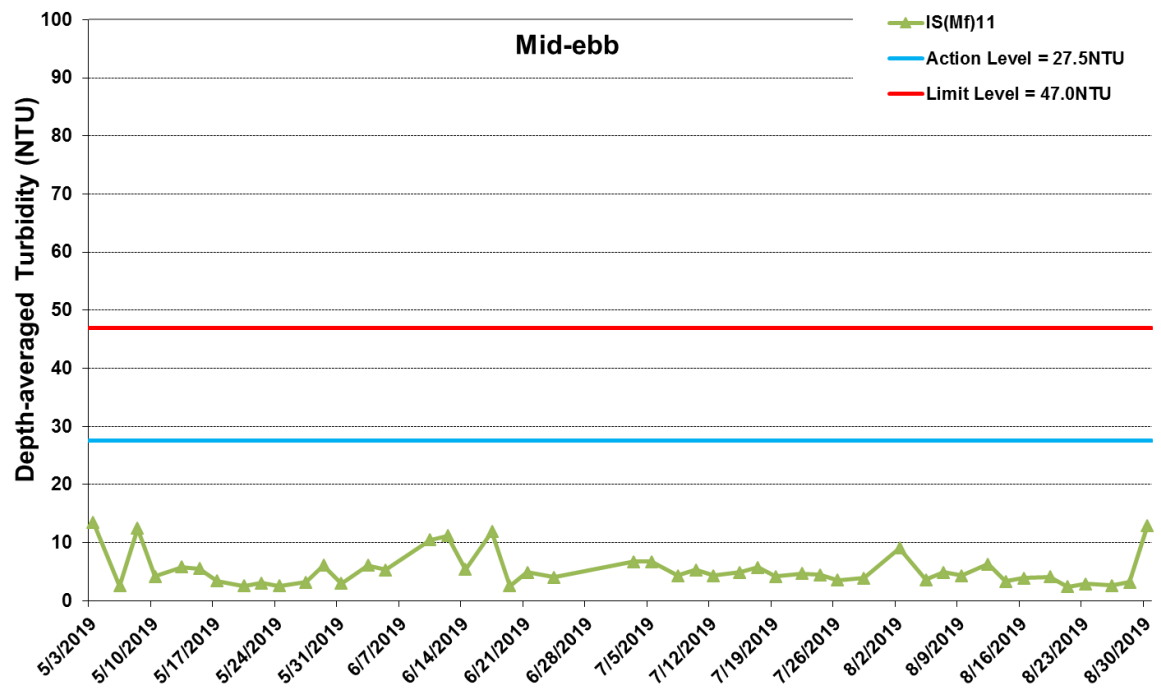




\*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

**Figure J24 Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between 1 May 2019 and 31 August 2019 at SR4a. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).**

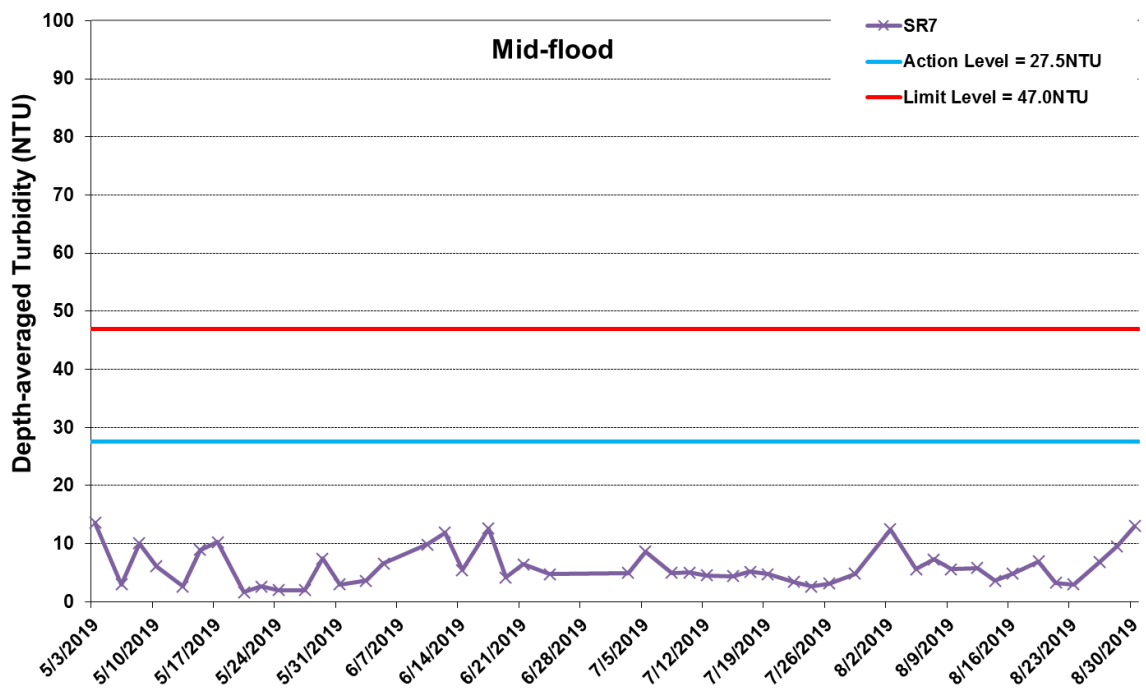
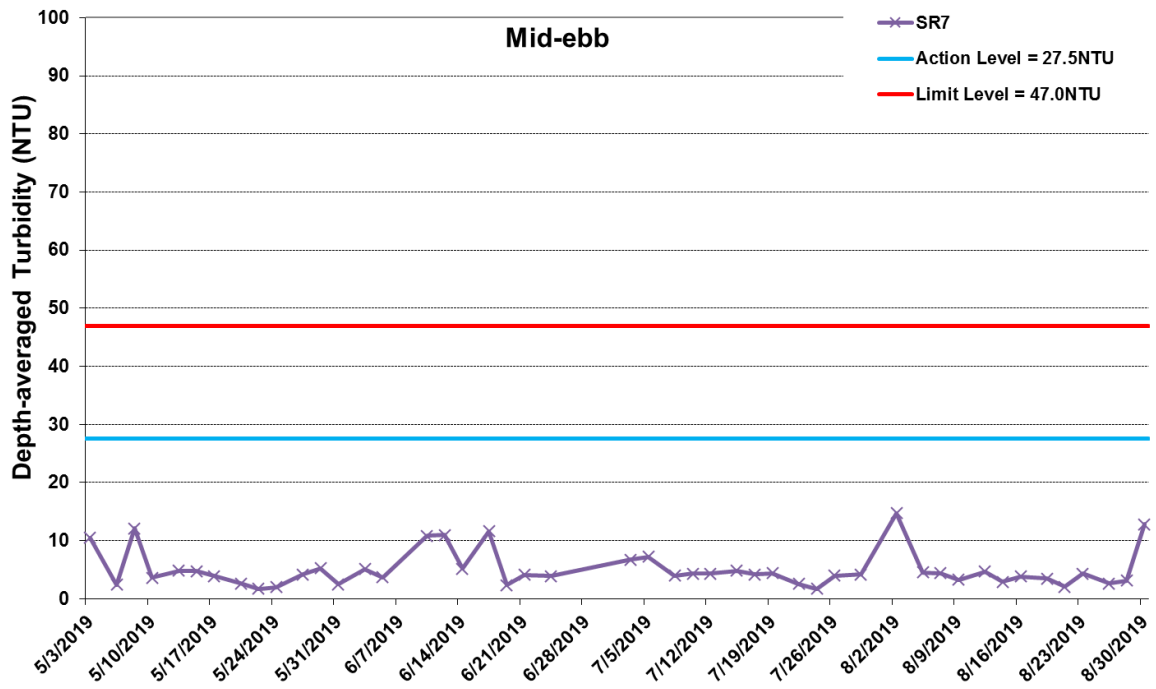




\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

**Figure J25 Impact Monitoring - Mean Depth-averaged Level of Turbidity (NTU) between 1 May 2019 and 31 August 2019 at IS(Mf)11. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).**

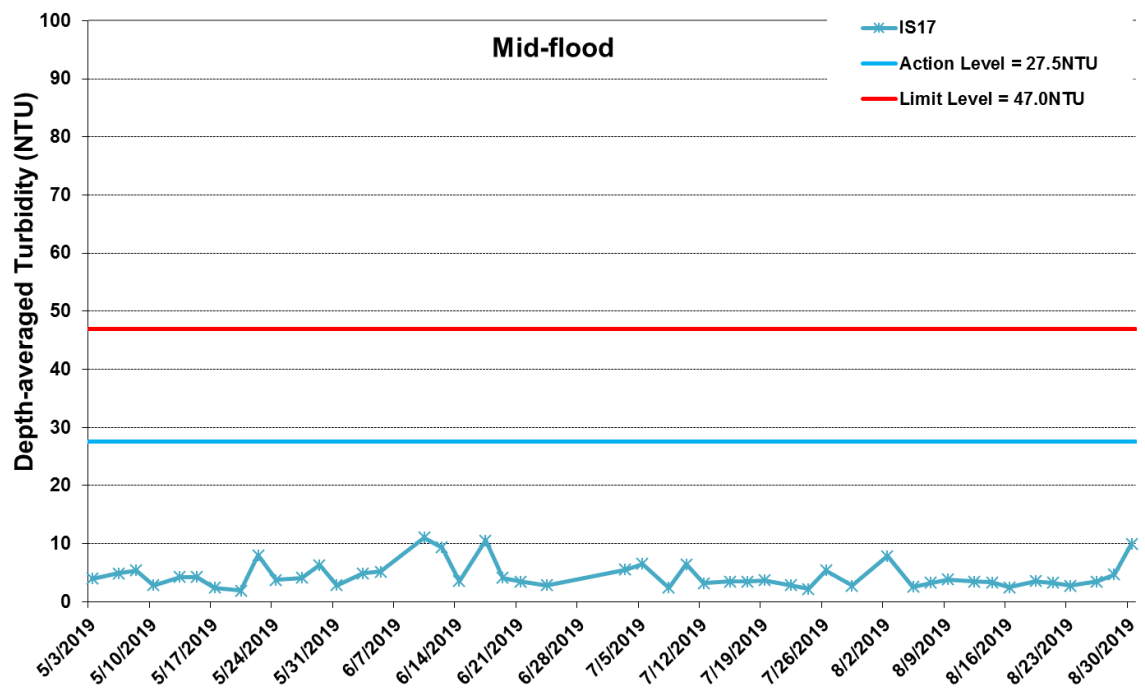
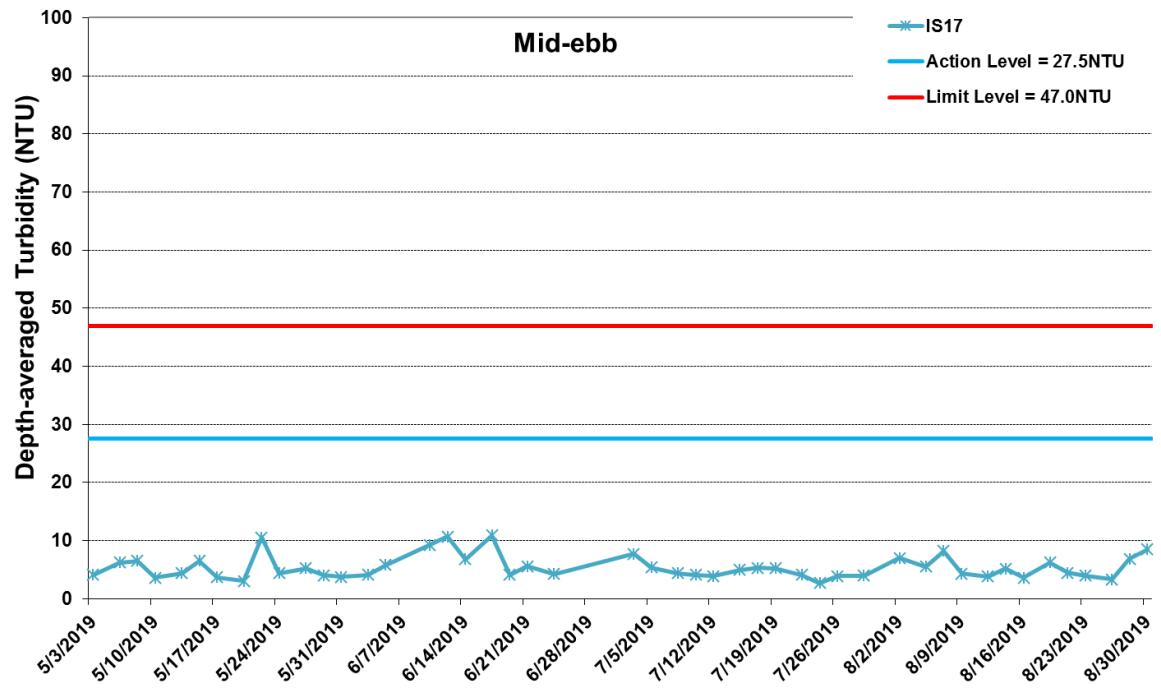




\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

**Figure J26 Impact Monitoring - Mean Depth-averaged Level of Turbidity (NTU) between 1 May 2019 and 31 August 2019 at SR7. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).**

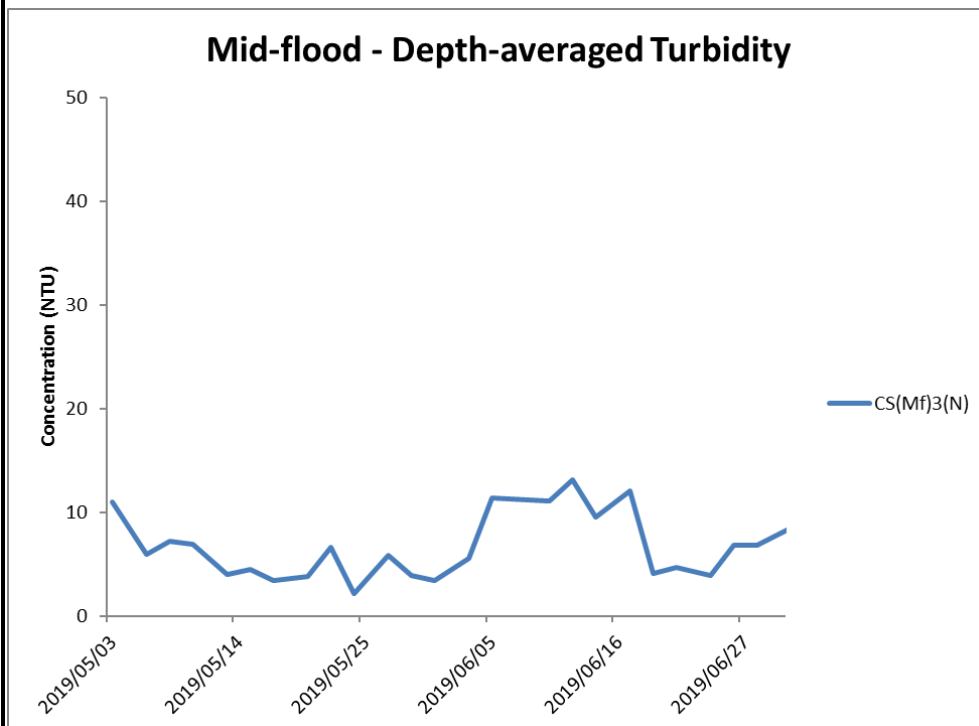
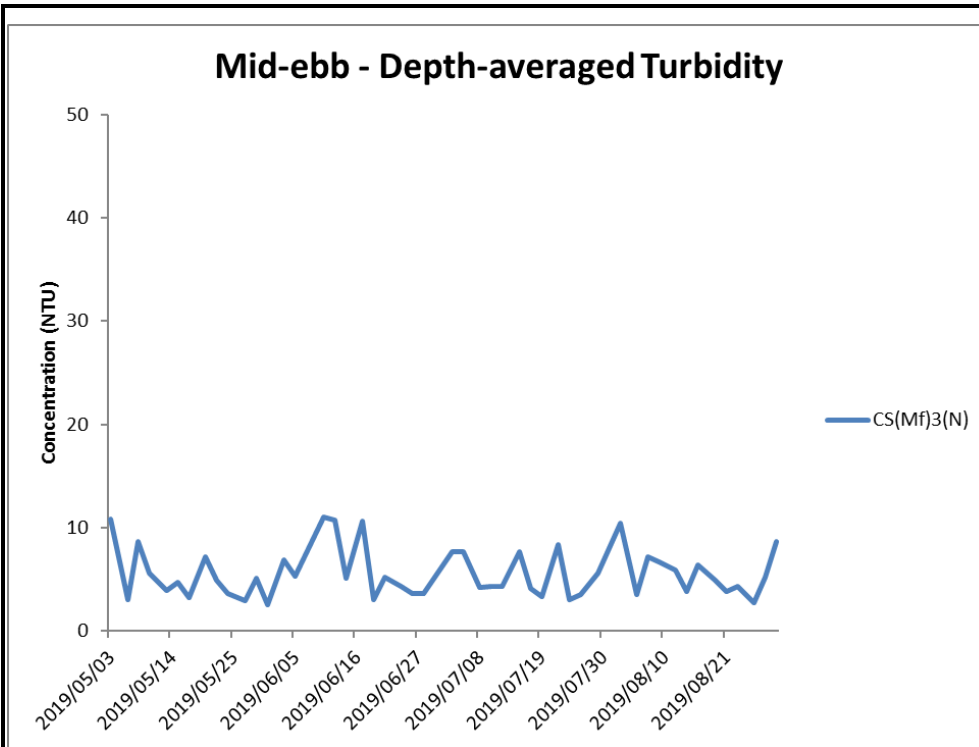




\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

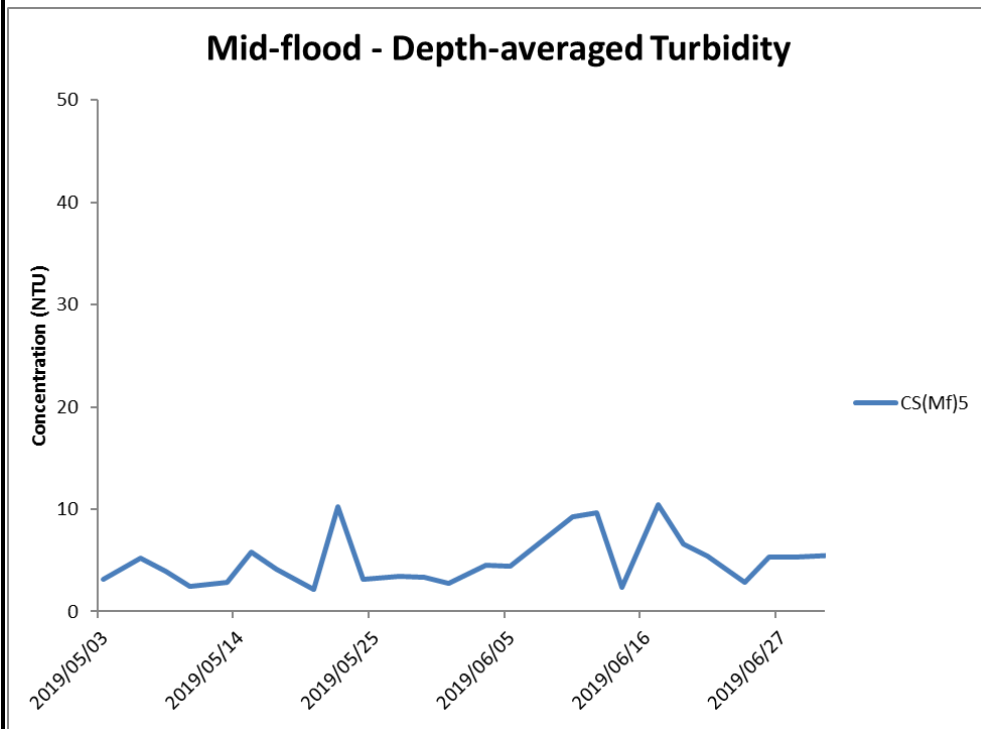
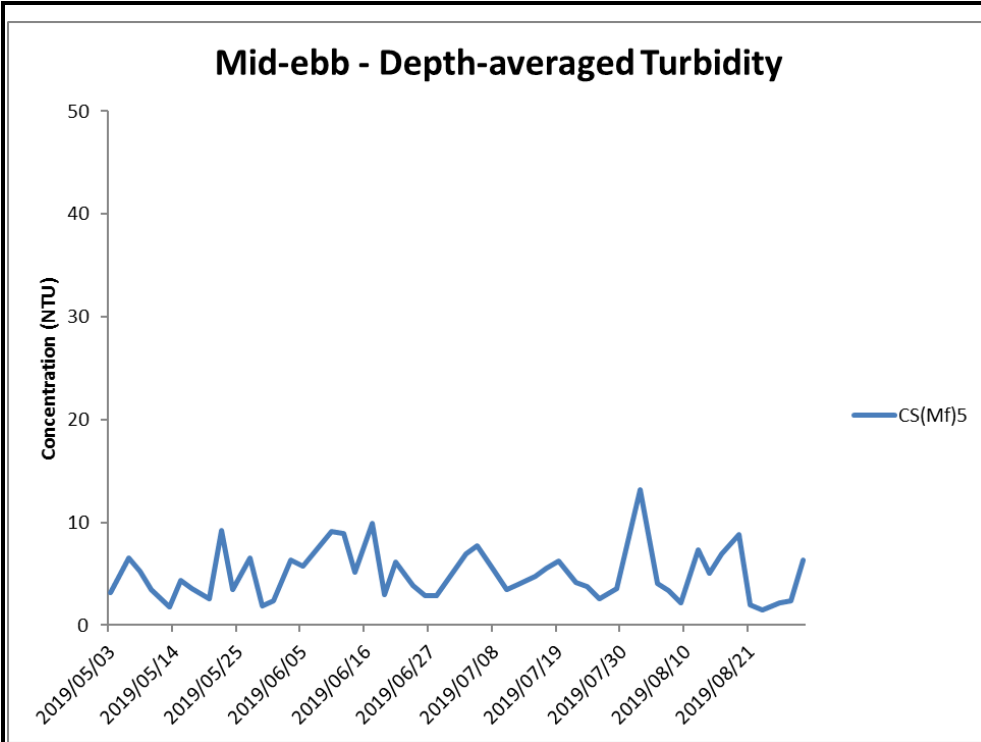
**Figure J27 Impact Monitoring - Mean Depth-averaged Level of Turbidity (NTU) between 1 May 2019 and 31 August 2019 at IS17. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).**





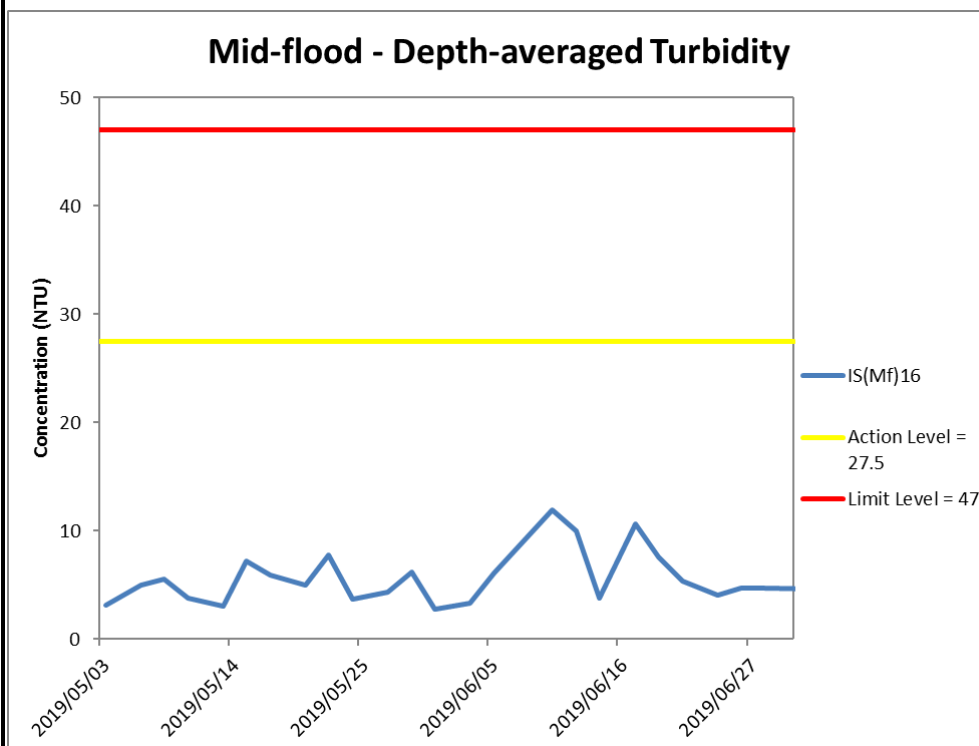
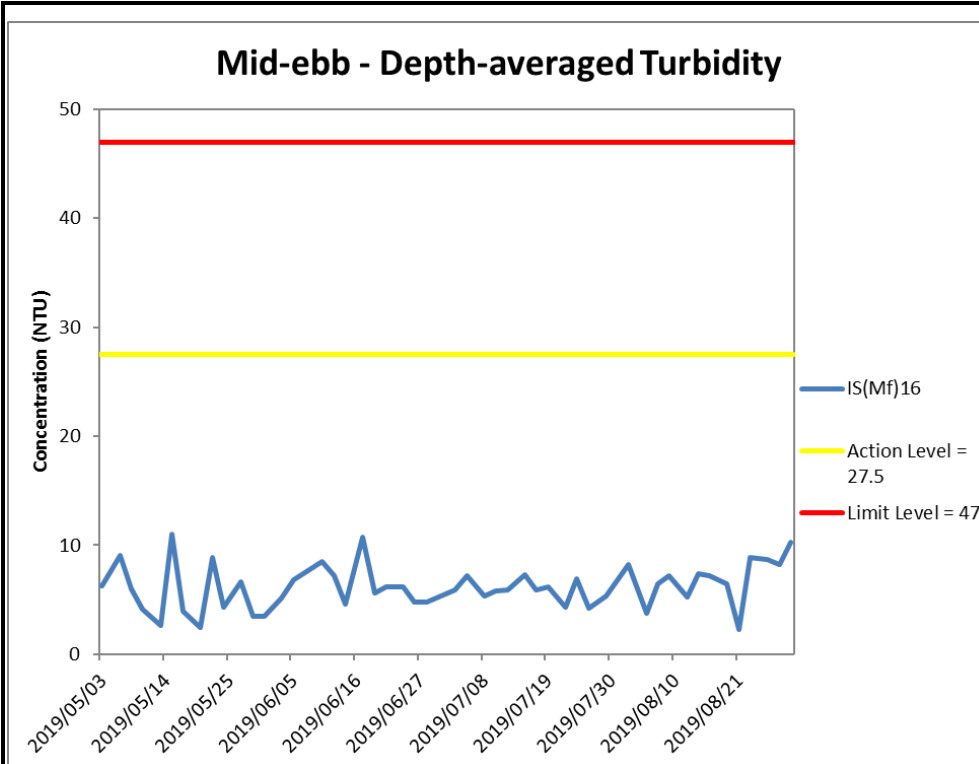
**Figure J28 Impact Monitoring - Mean Depth-averaged Level of Turbidity (NTU) between 1 May 2019 and 31 August 2019 at CS(Mf)3(N).** The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).





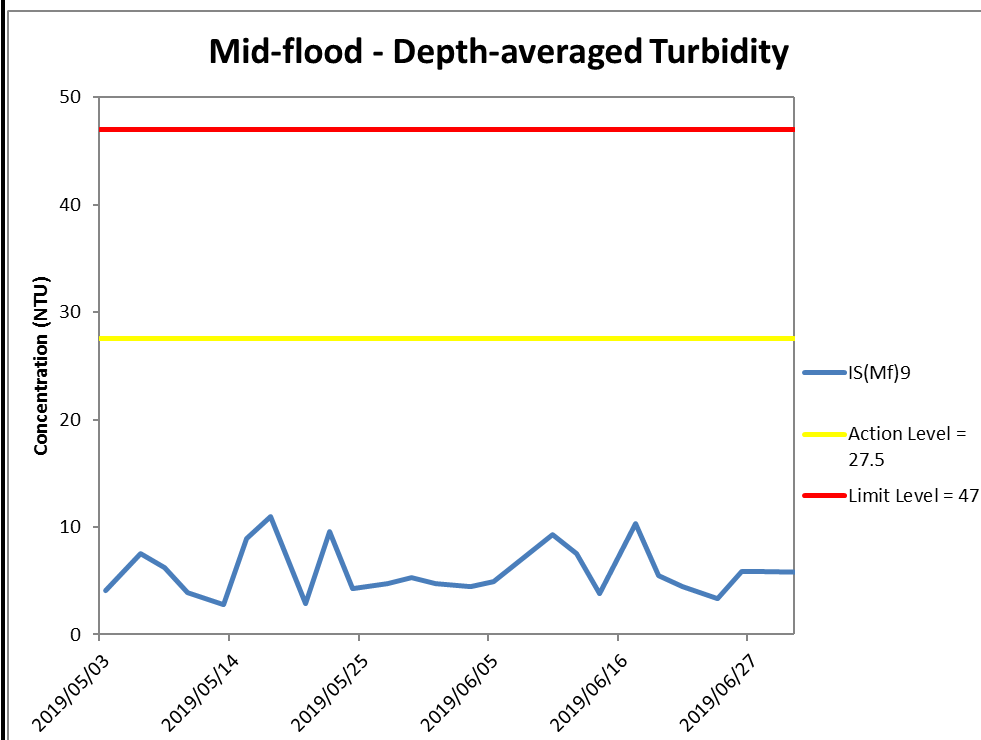
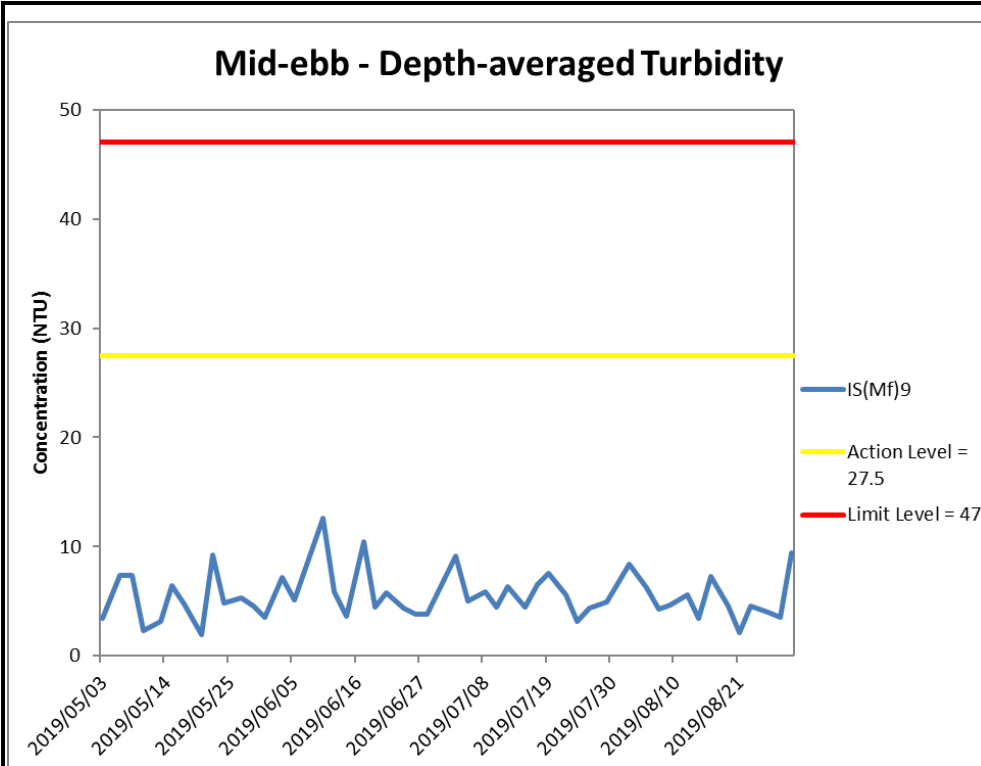
**Figure J29 Impact Monitoring - Mean Depth-averaged Level of Turbidity (NTU) between 1 May 2019 and 31 August 2019 at CS(Mf)5. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).**





**Figure J30 Impact Monitoring - Mean Depth-averaged Level of Turbidity (NTU) between 1 May 2019 and 31 August 2019 at IS(Mf)16. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).**

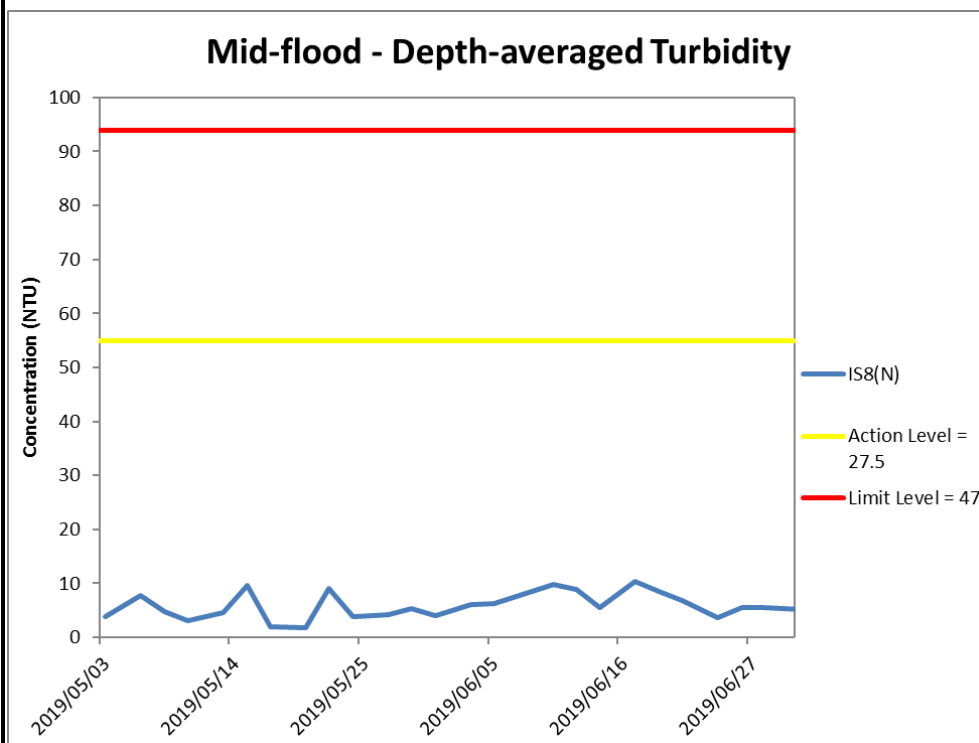
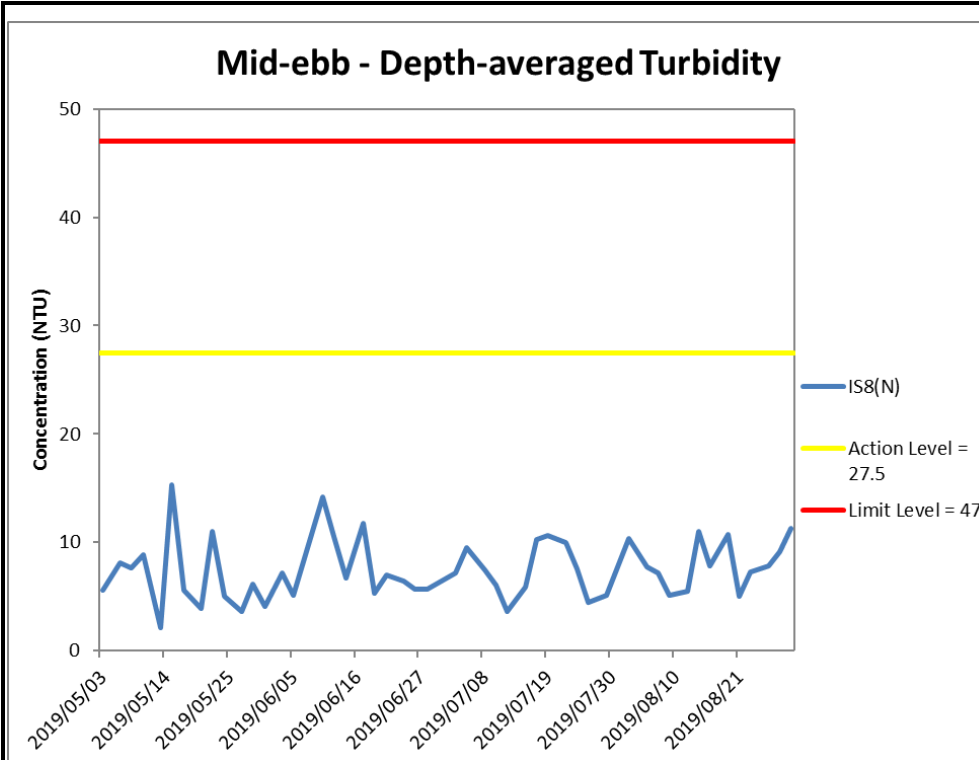




**Figure J31 Impact Monitoring - Mean Depth-averaged Level of Turbidity (NTU) between 1 May 2019 and 31 August 2019 at IS(Mf)9. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).**

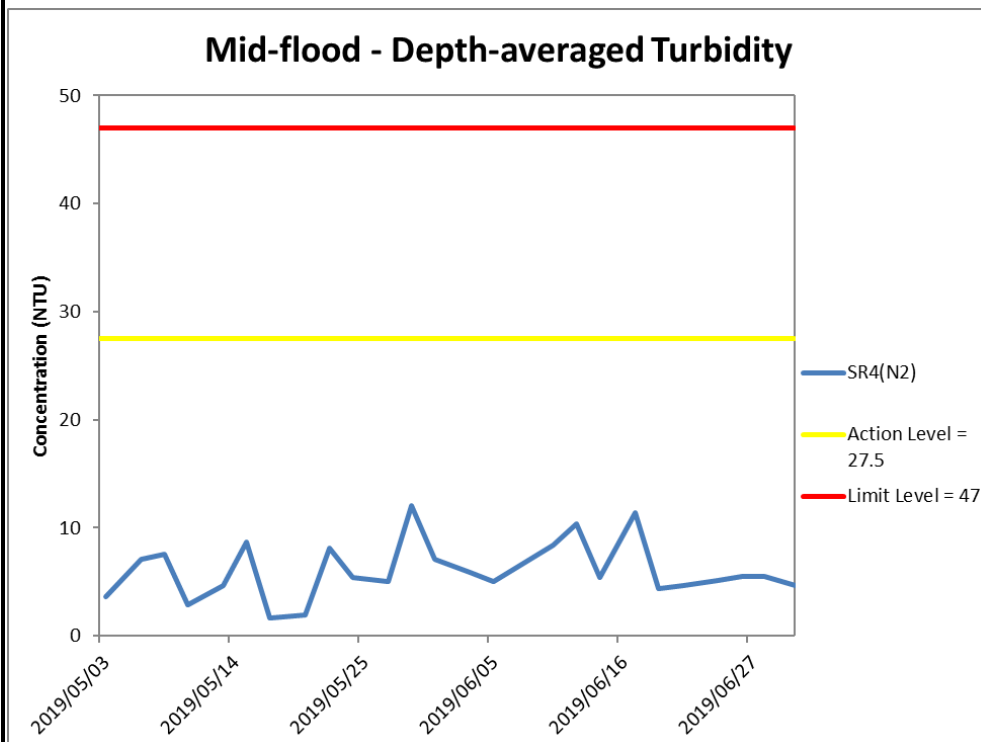
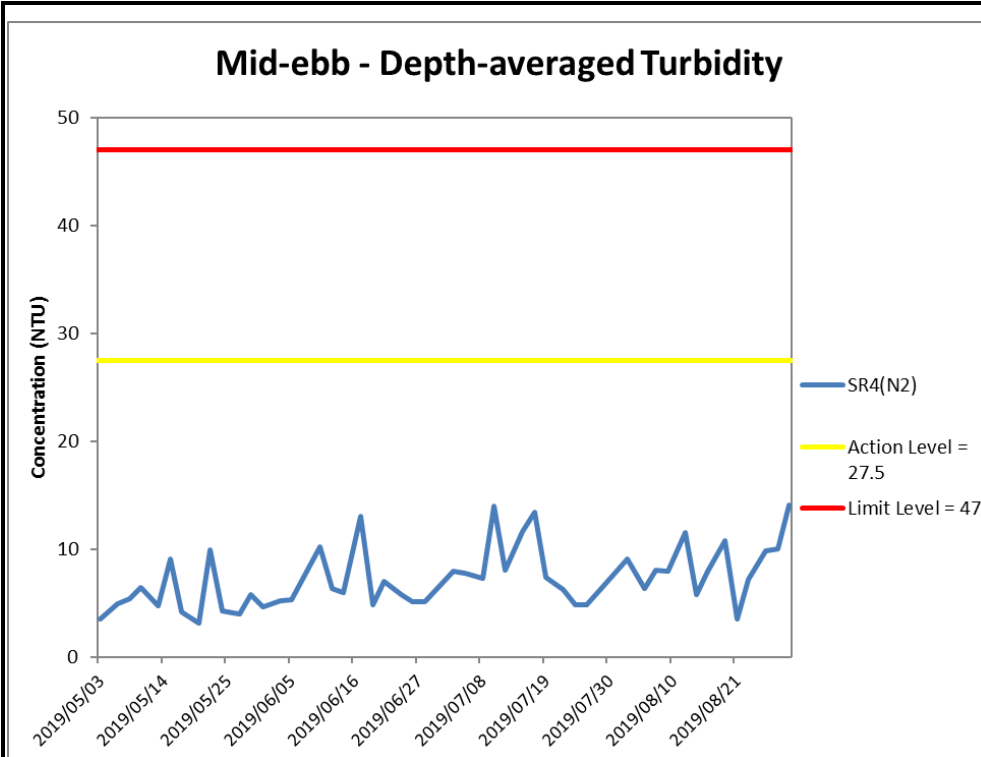






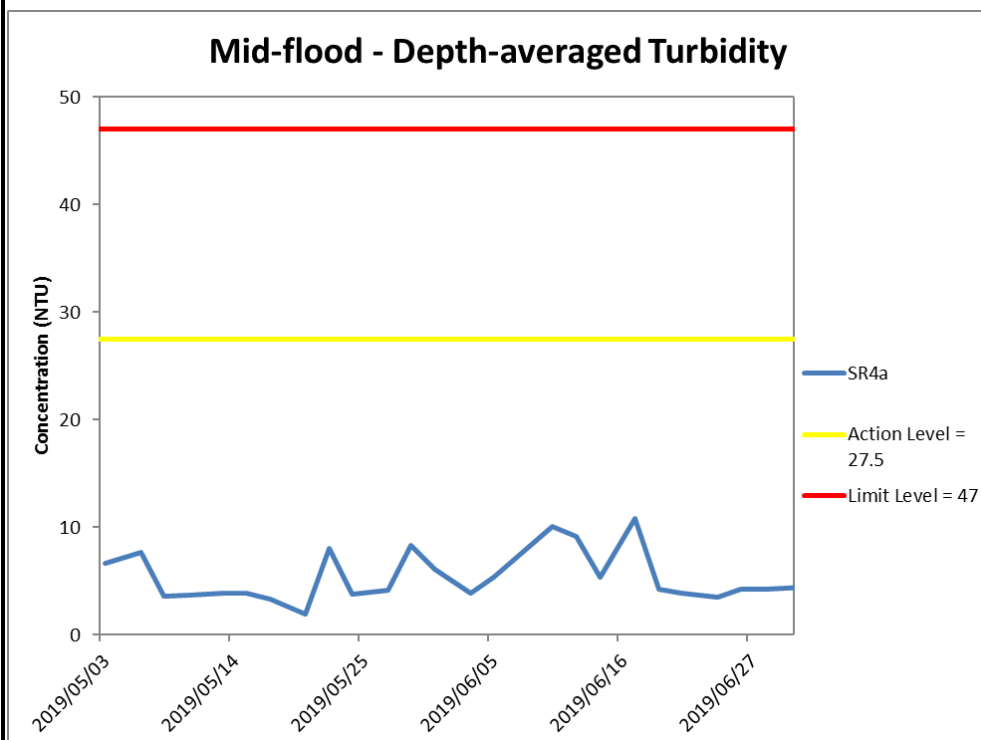
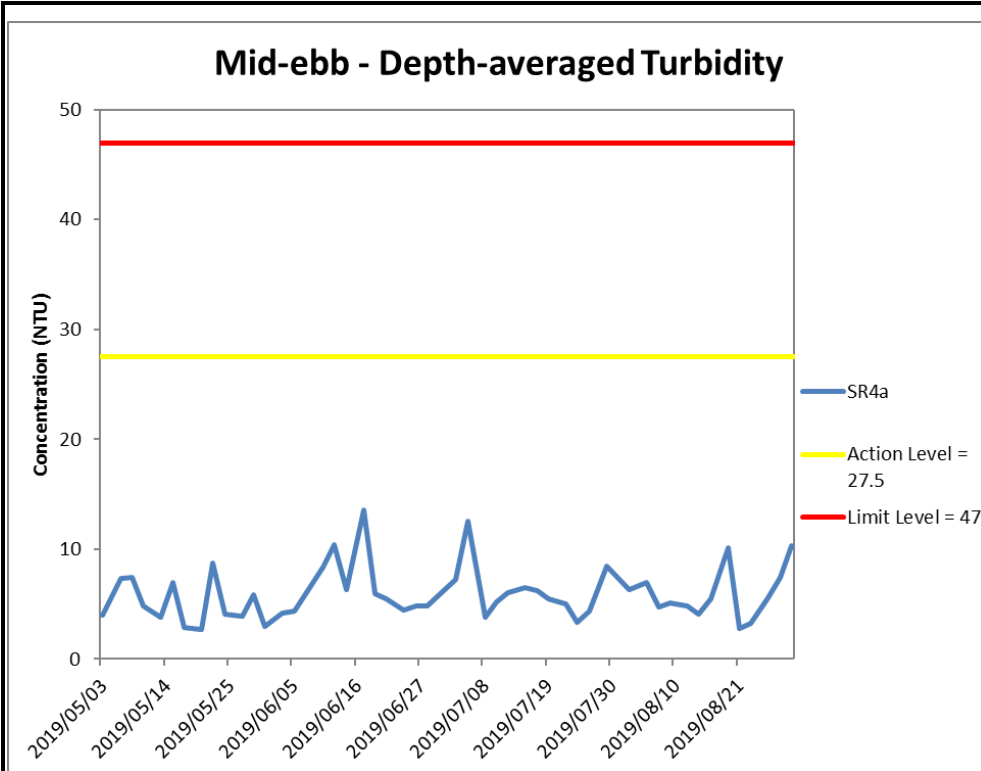
**Figure J32 Impact Monitoring - Mean Depth-averaged Level of Turbidity (NTU) between 1 May 2019 and 31 August 2019 at IS8(N).** The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).





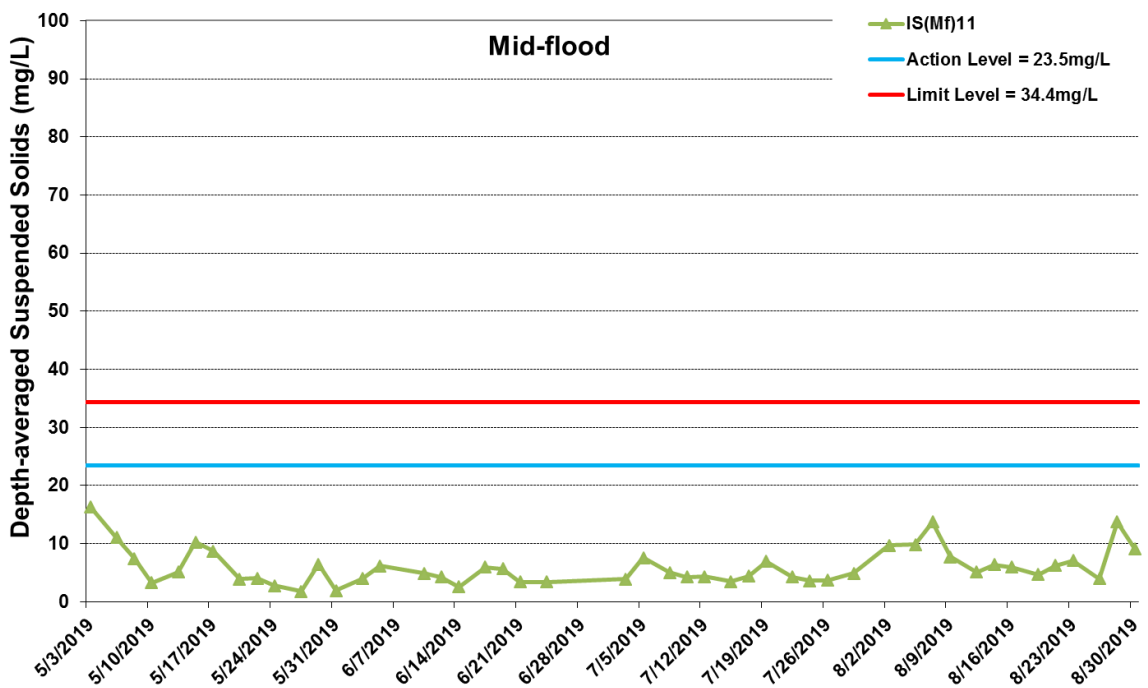
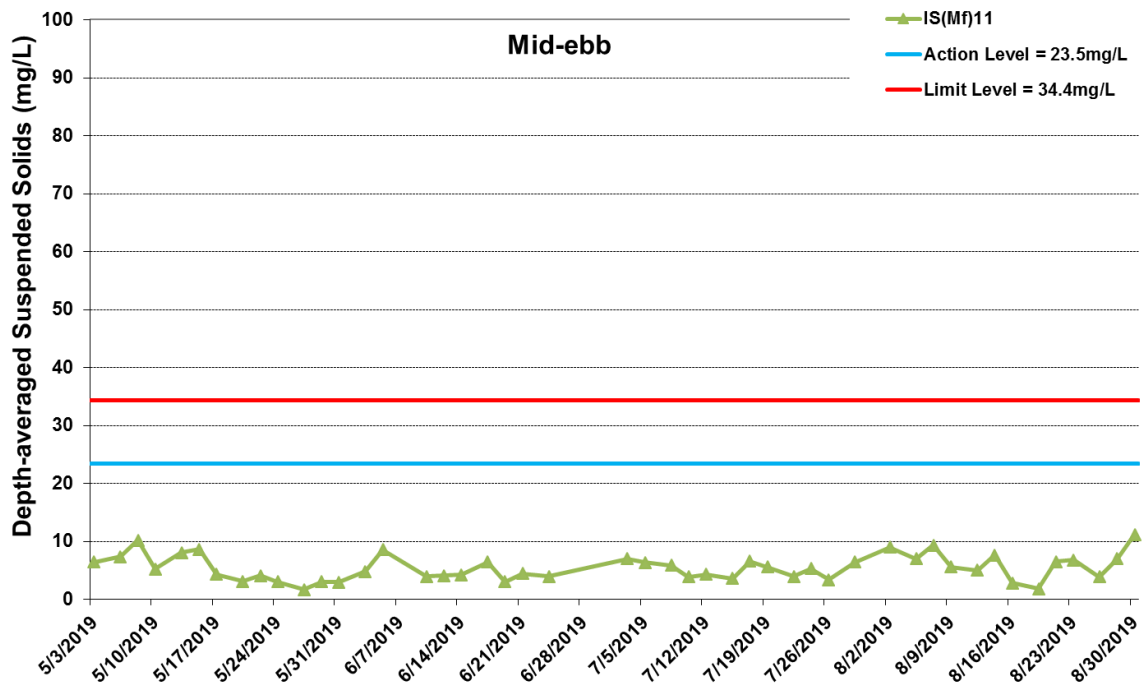
**Figure J33 Impact Monitoring - Mean Depth-averaged Level of Turbidity (NTU) between 1 May 2019 and 31 August 2019 at SR4(N2).** The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).





**Figure J34 Impact Monitoring - Mean Depth-averaged Level of Turbidity (NTU) between 1 May 2019 and 31 August 2019 at SR4a. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).**



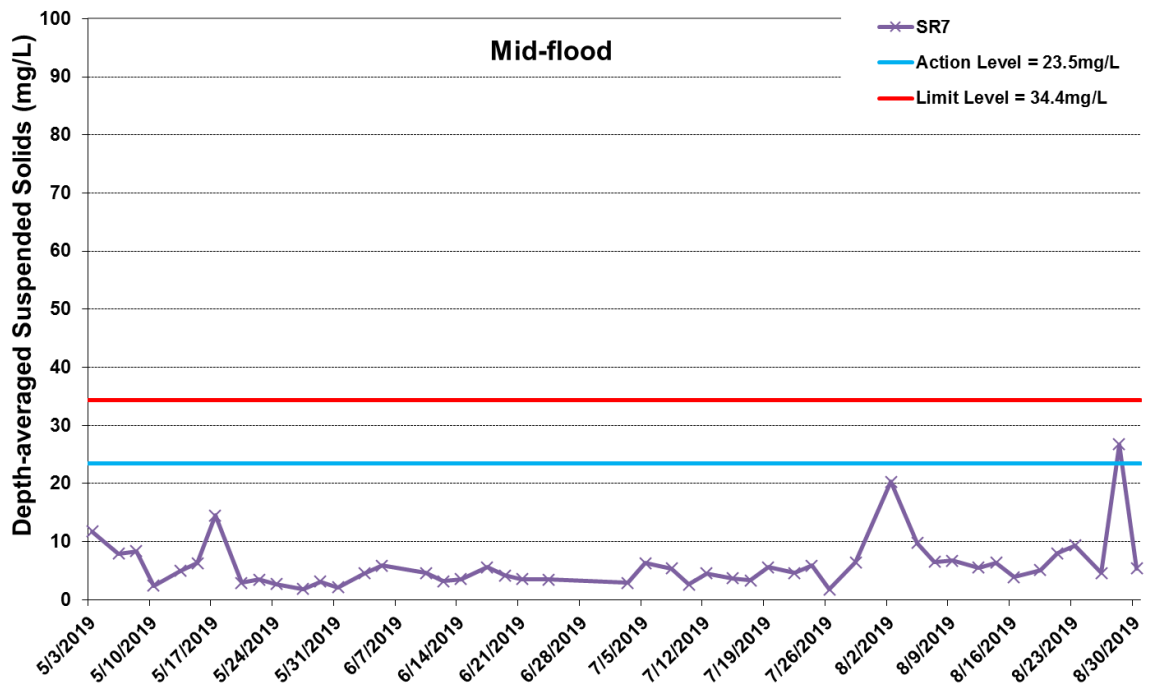
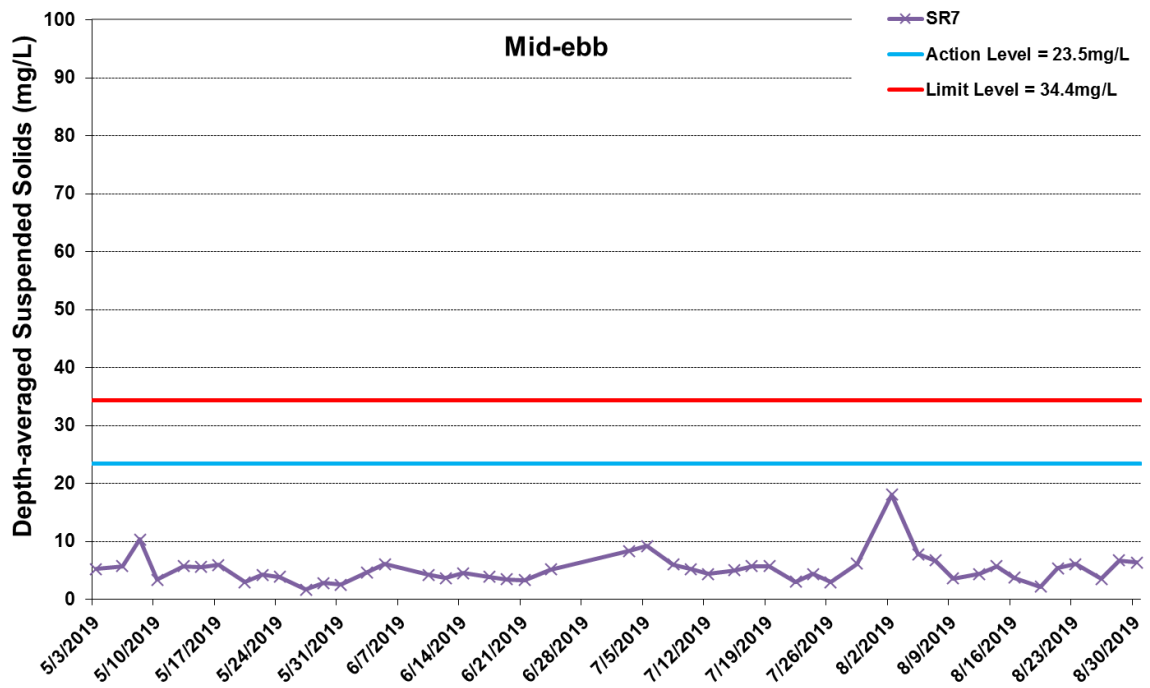


\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

**Figure J35 Impact Monitoring - Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 May 2019 and 31 August 2019 at IS(Mf)11. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).**



Ref: 0212330\_Impact-WQM\_August2019\_graphs\_Rev a.xls

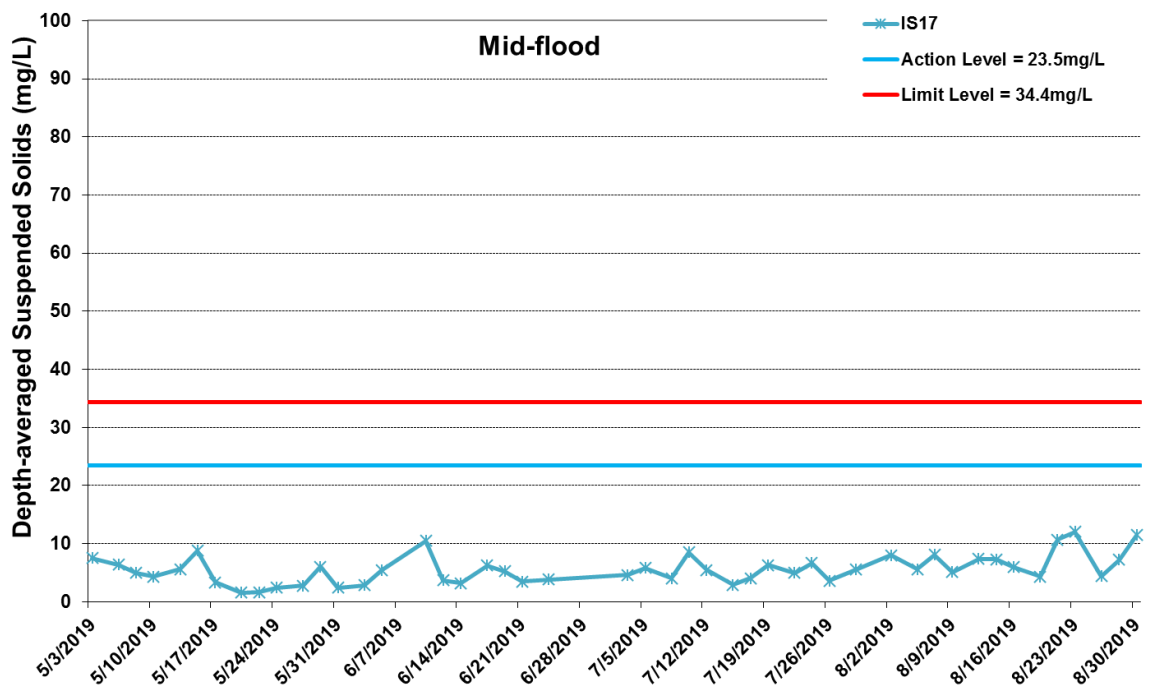
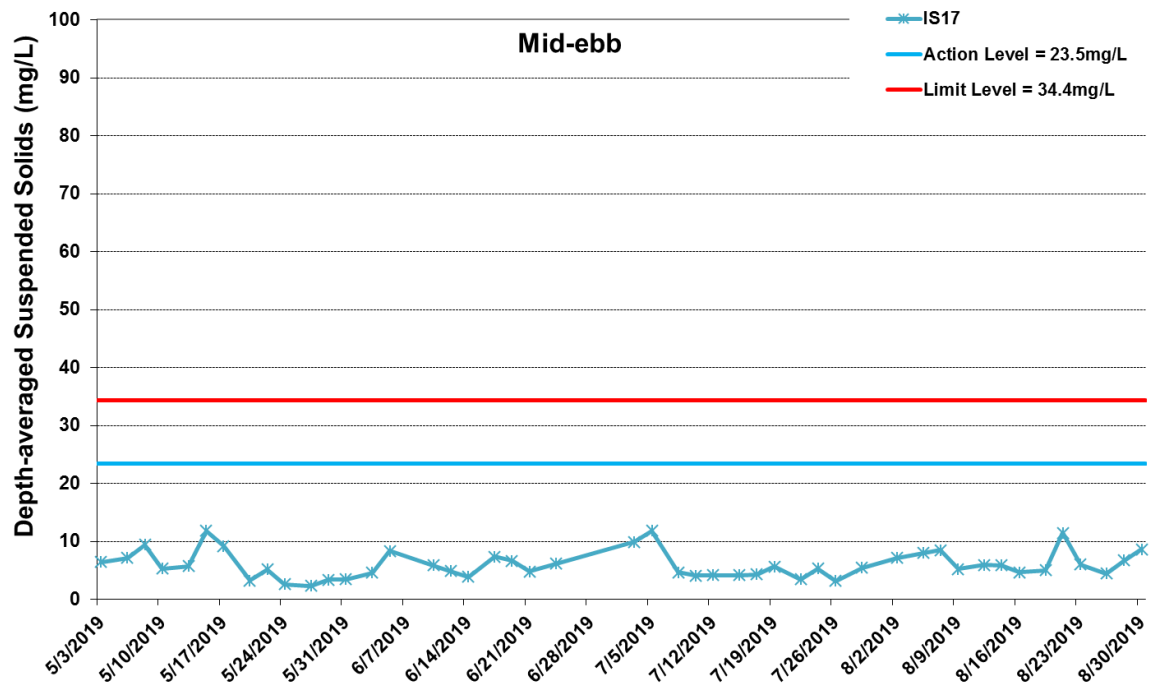


\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

Figure J36 Impact Monitoring - Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 May 2019 and 31 August 2019 at SR7. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).



Ref: 0212330\_Impact-WQM\_August2019\_graphs\_Rev a.xls

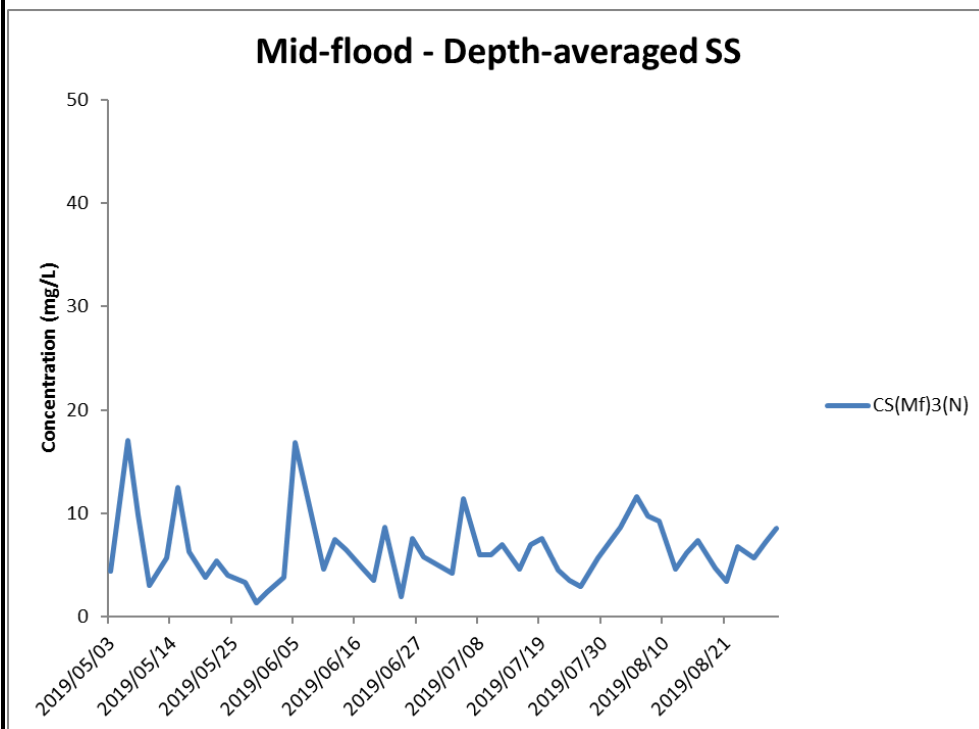
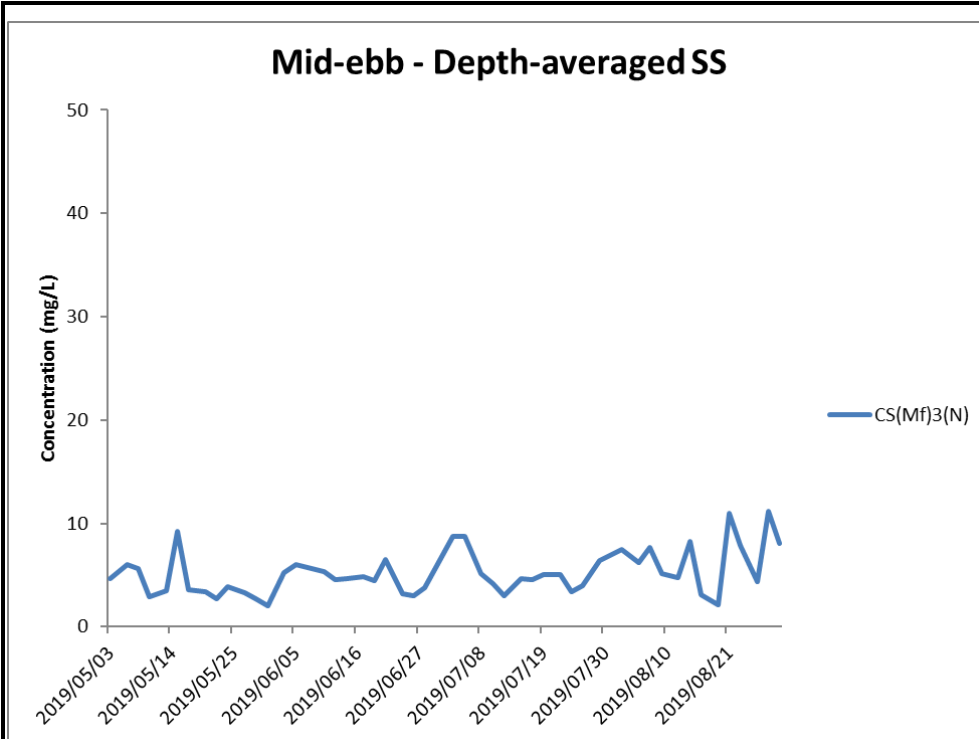


\* The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

Figure J37 Impact Monitoring - Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 May 2019 and 31 August 2019 at IS17. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).



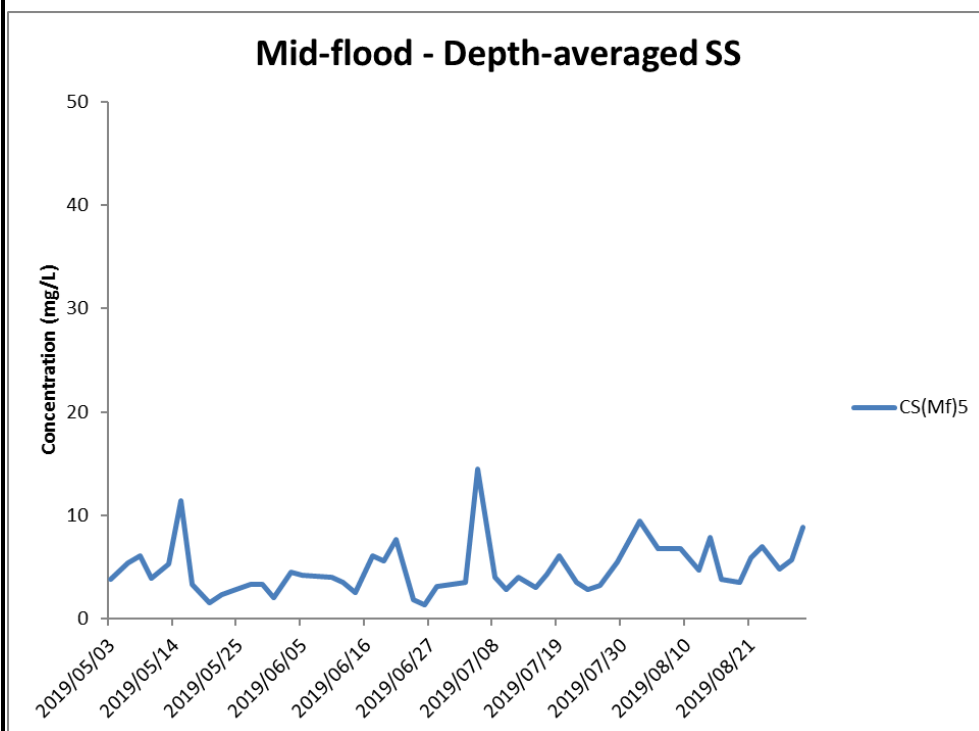
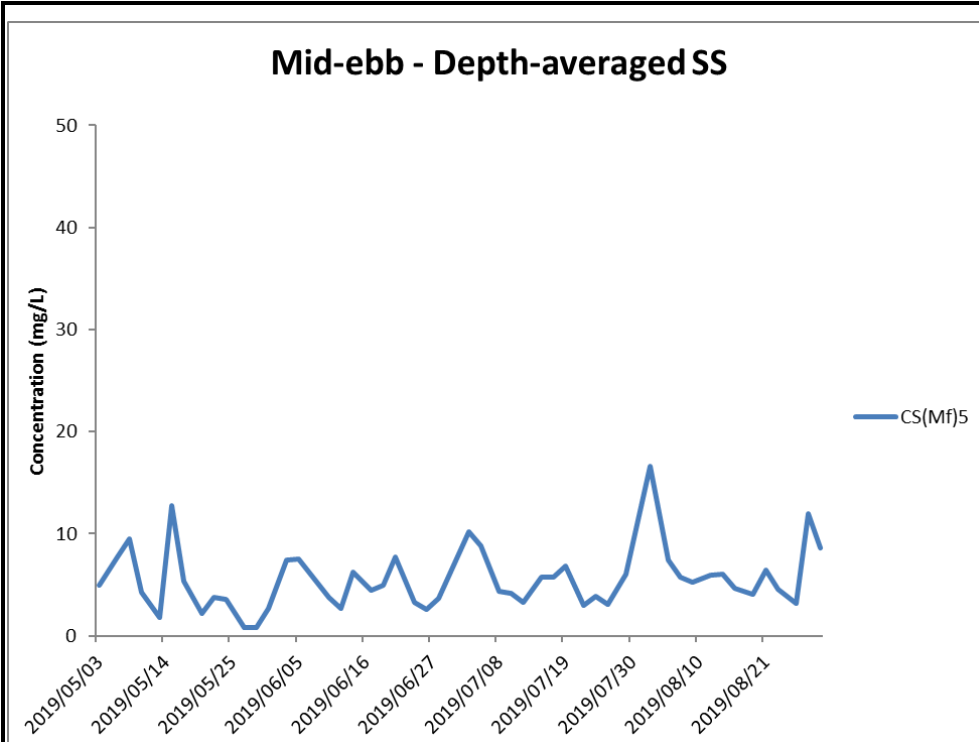
Ref: 0212330\_Impact-WQM\_August2019\_graphs\_Rev a.xls



**Figure J38 Impact Monitoring - Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 May 2019 and 31 August 2019 at CS(Mf)3(N). The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).**

Ref: 0212330\_Impact-WQM\_August2019\_graphs\_Rev a.xls



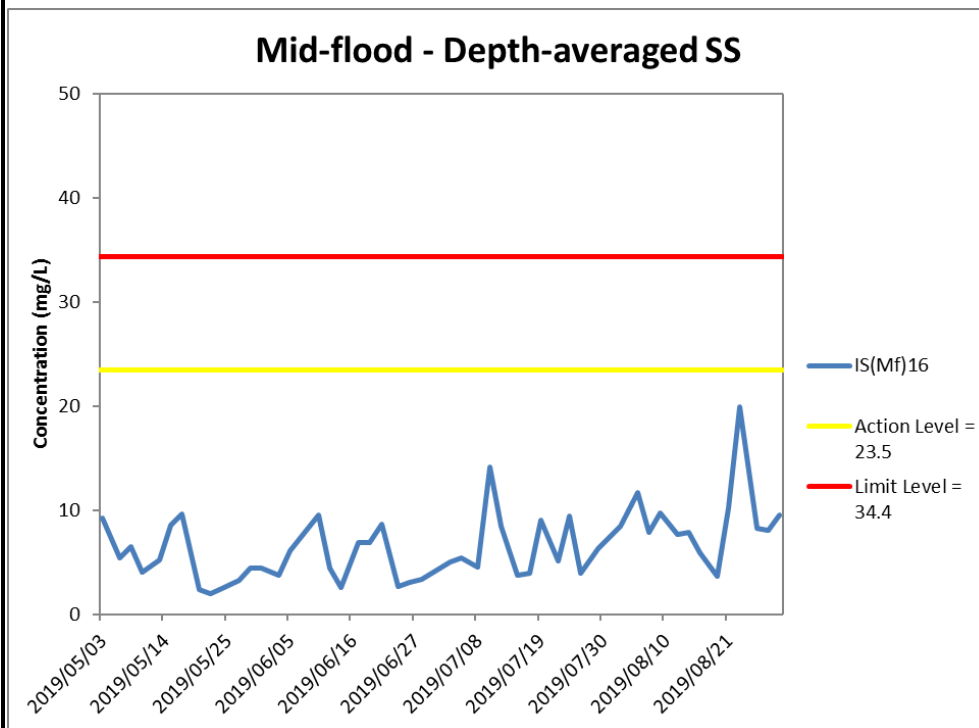
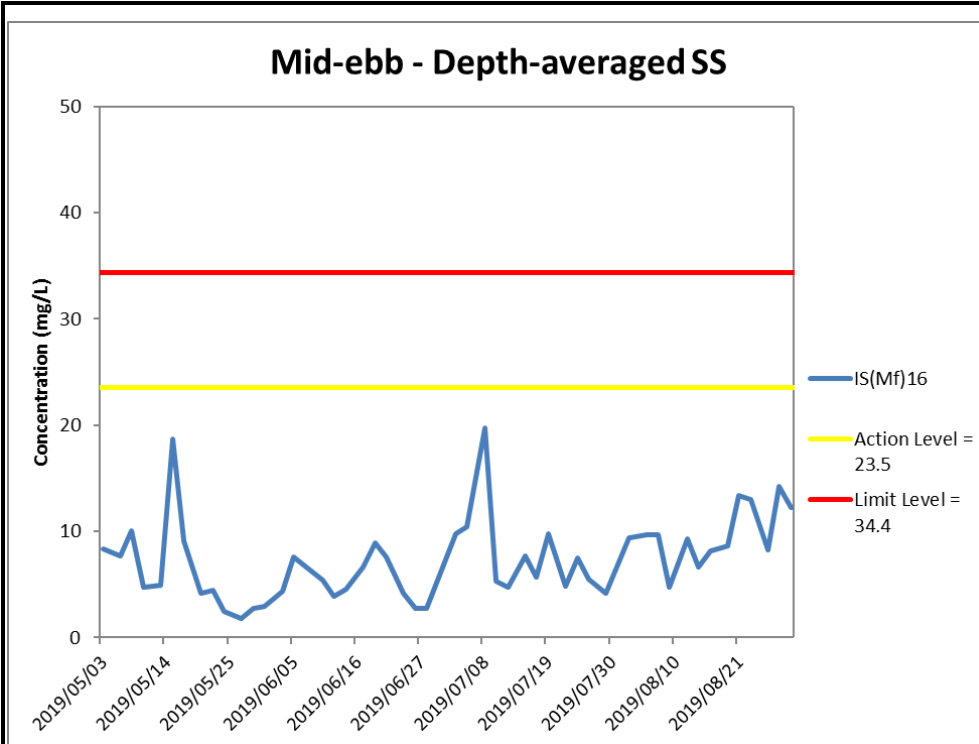


**Figure J39 Impact Monitoring - Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 May 2019 and 31 August 2019 at CS(Mf)5. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).**



Ref: 0212330\_Impact-WQM\_August2019\_graphs\_Rev a.xls

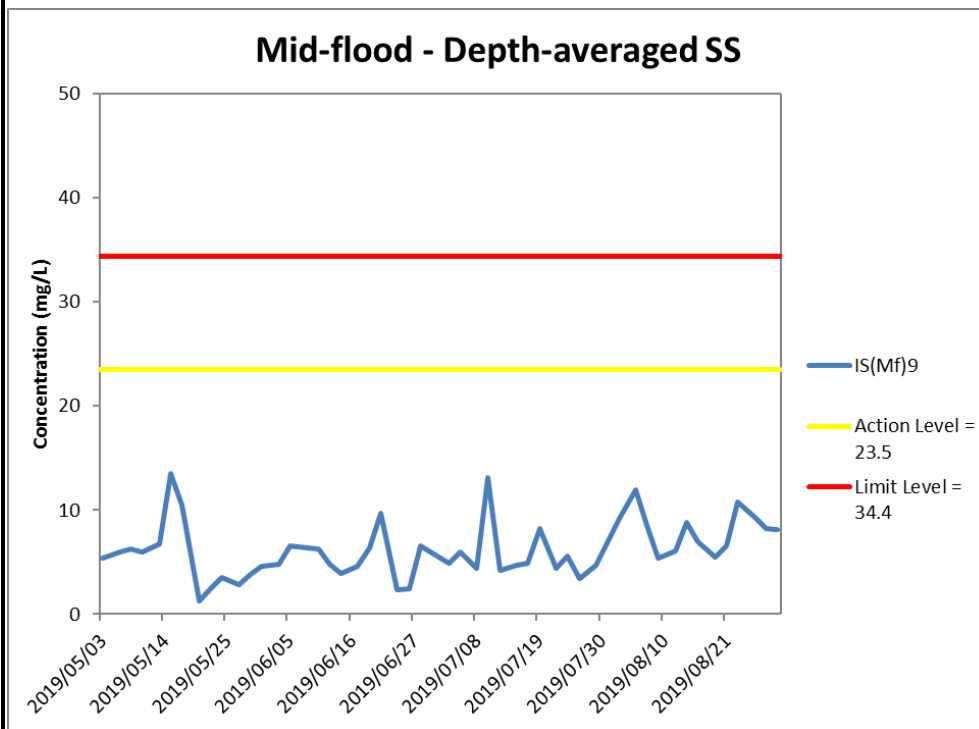
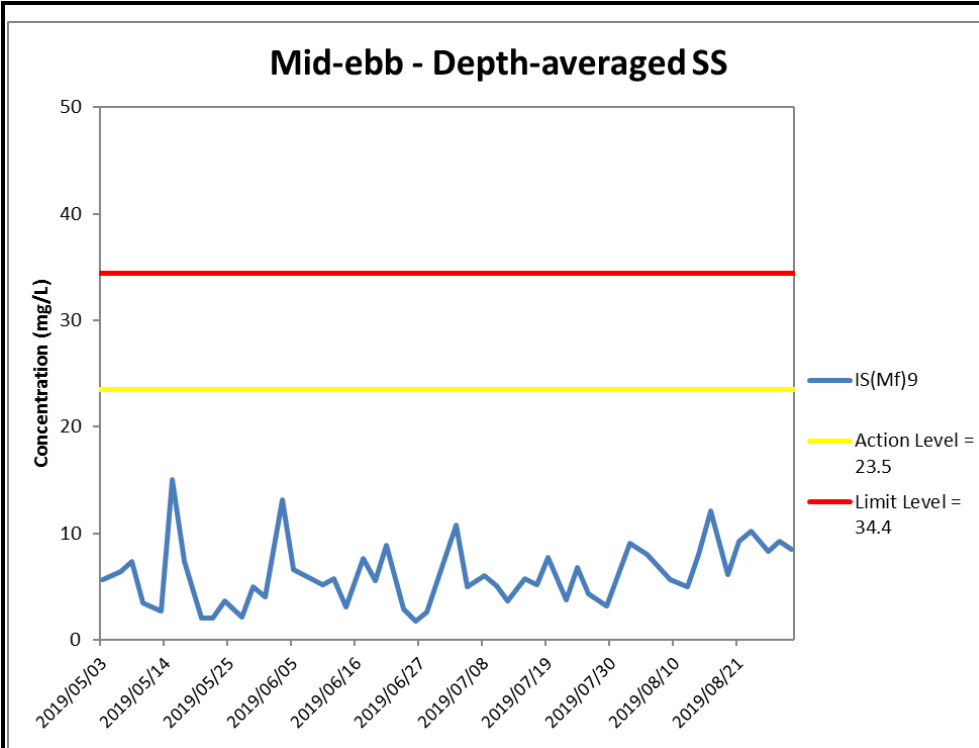




**Figure J40 Impact Monitoring - Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 May 2019 and 31 August 2019 at IS(Mf)16. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).**

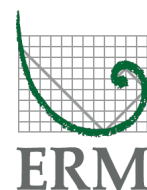


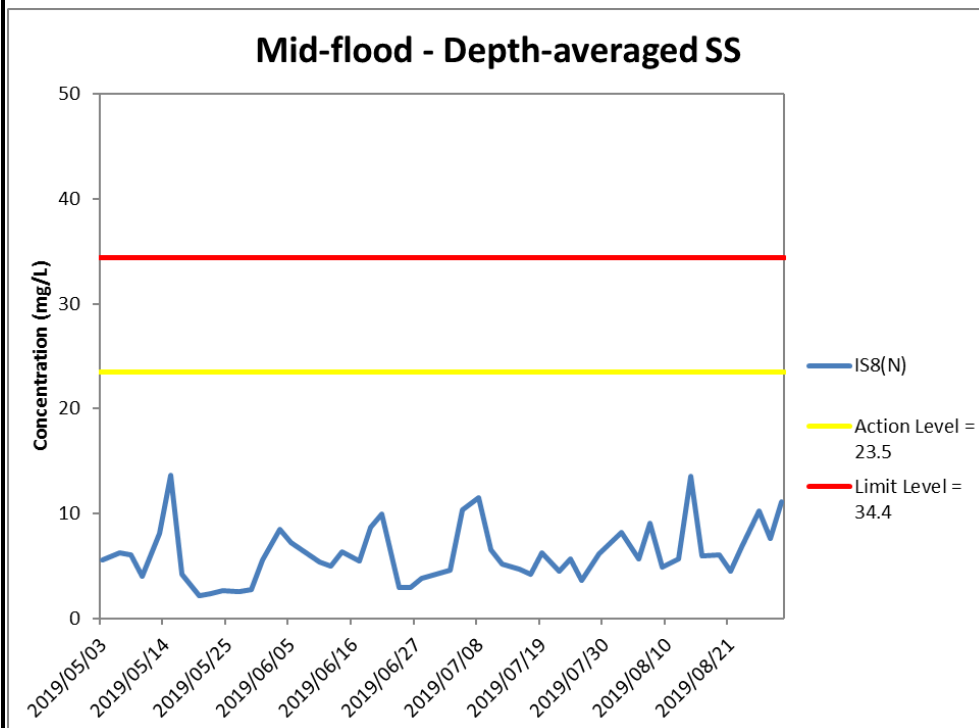
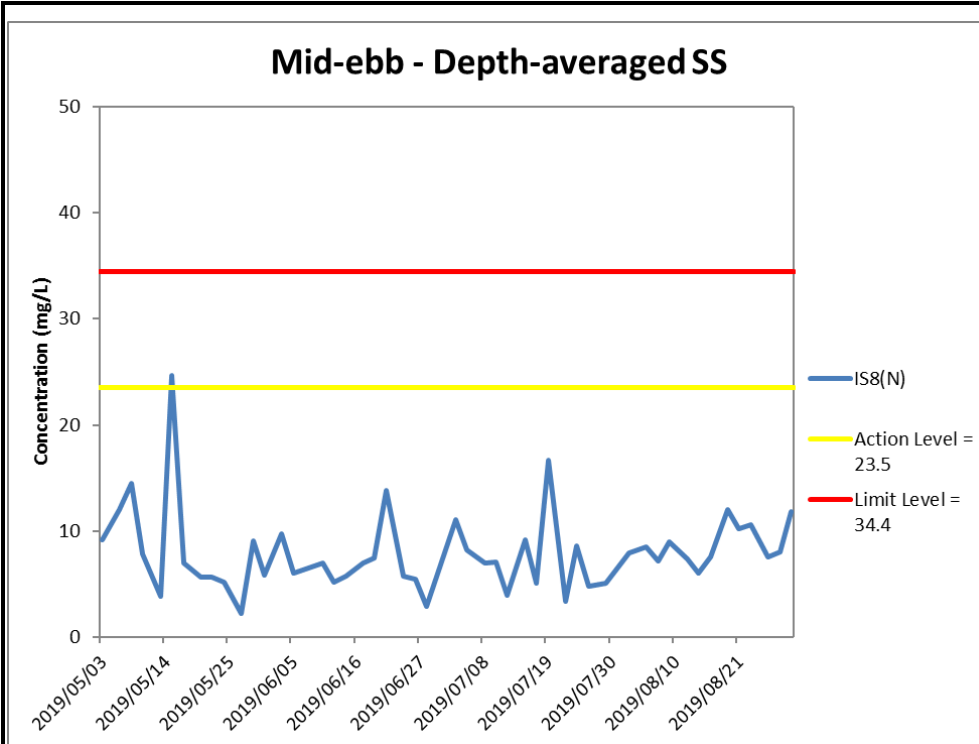
Ref: 0212330\_Impact-WQM\_August2019\_graphs\_Rev a.xls



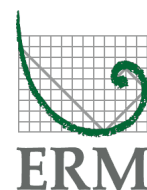
**Figure J41 Impact Monitoring - Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 May 2019 and 31 August 2019 at IS(Mf)9. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).**

Ref: 0212330\_Impact-WQM\_August2019\_graphs\_Rev a.xls

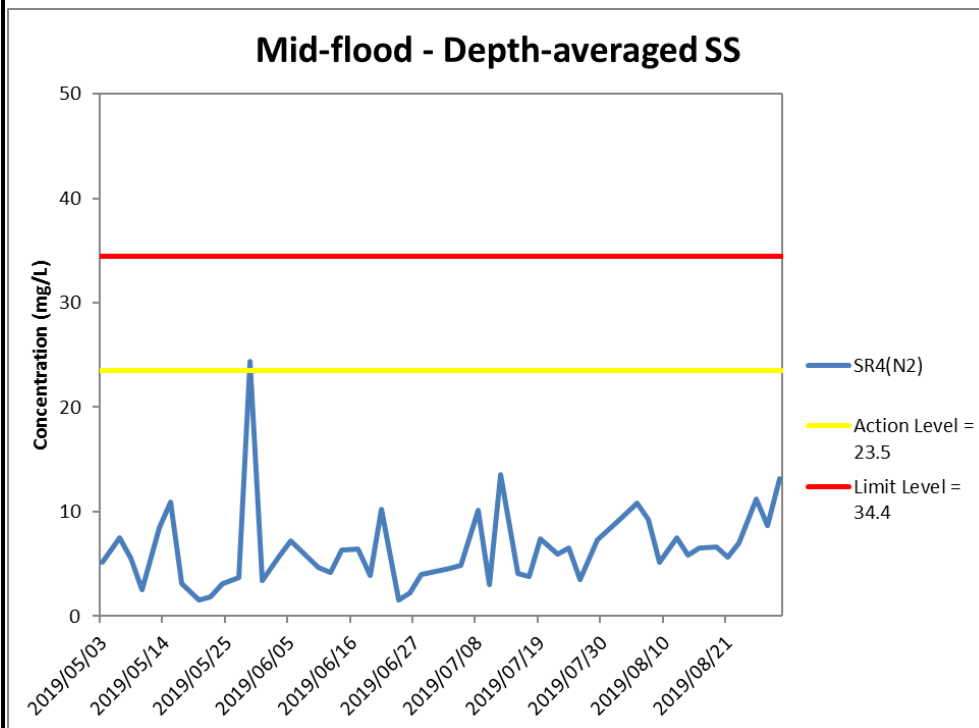
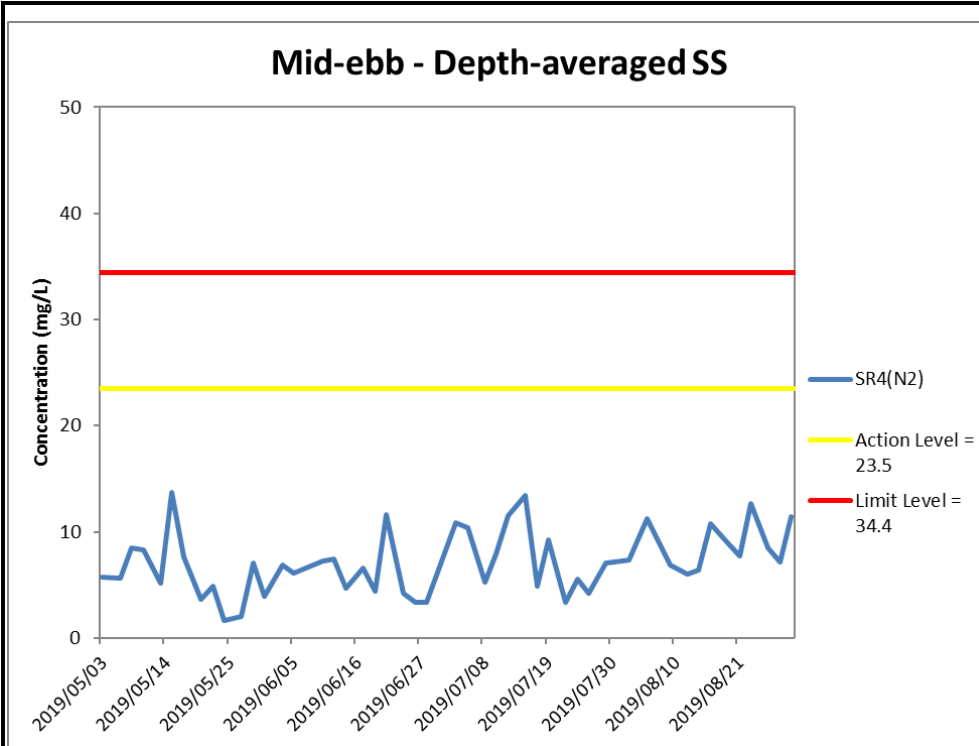




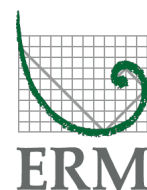
**Figure J42 Impact Monitoring - Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 May 2019 and 31 August 2019 at IS8(N). The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).**



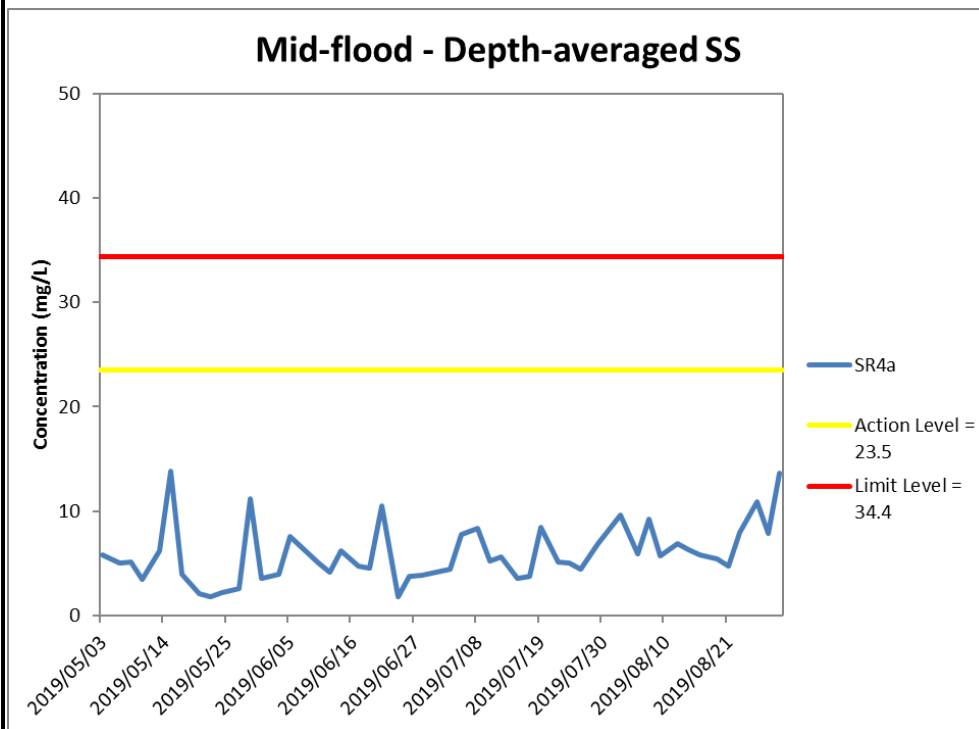
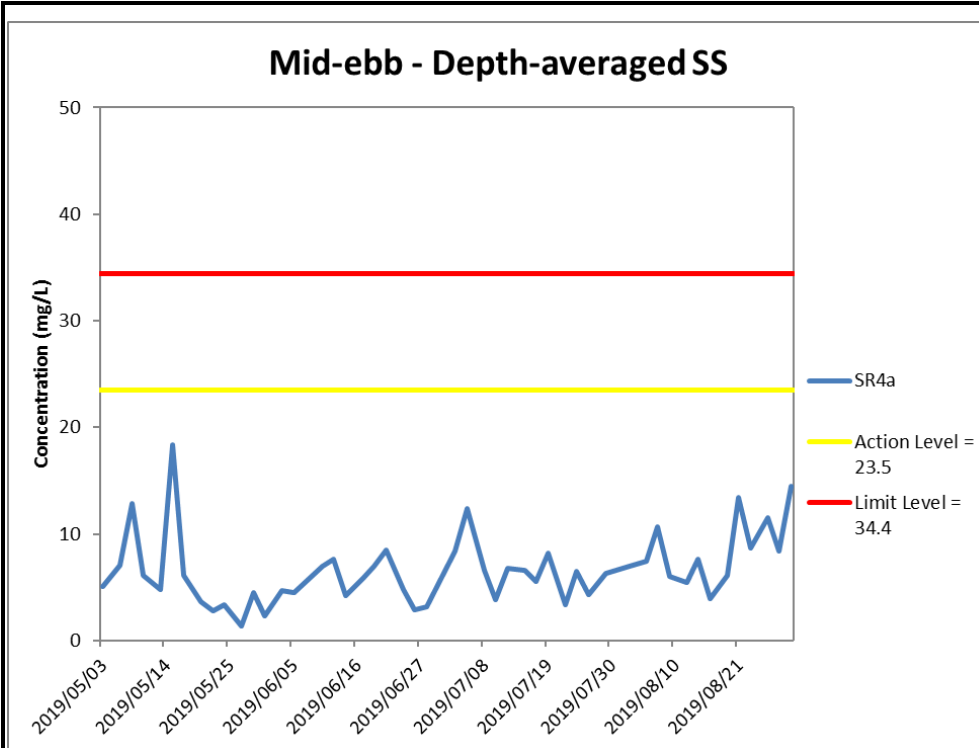
Ref: 0212330\_Impact-WQM\_August2019\_graphs\_Rev a.xls



**Figure J43 Impact Monitoring - Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 May 2019 and 31 August 2019 at SR4(N2). The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).**



Ref: 0212330\_Impact-WQM\_August2019\_graphs\_Rev a.xls



**Figure J44 Impact Monitoring - Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 May 2019 and 31 August 2019 at SR4a. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 - 31/8/2019).**

Ref: 0212330\_Impact-WQM\_August2019\_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	2019-08-02	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	14:17	12.5	Surface	1	1	26.9	7.9	23.3	5.6	10.1	15.4
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	14:17	12.5	Surface	1	2	26.9	7.9	23.3	5.6	9.9	15.4
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	14:17	12.5	Middle	2	1	26.6	7.8	24.1	5.4	14.2	17.7
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	14:17	12.5	Middle	2	2	26.6	7.9	24.1	5.4	13.8	17
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	14:17	12.5	Bottom	3	1	26.6	7.8	24.2	5.5	15.8	17
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	14:17	12.5	Bottom	3	2	26.6	7.9	24.2	5.4	15.5	17.3
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	13:26	7.5	Surface	1	1	27.4	7.8	21.1	6	6.5	7.9
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	13:26	7.5	Surface	1	2	27.4	7.8	21.1	6	6.5	7.9
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	13:26	7.5	Middle	2	1	26.8	7.8	22.8	5.8	12.3	8
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	13:26	7.5	Middle	2	2	26.8	7.9	22.6	5.8	12	7.1
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	13:26	7.5	Bottom	3	1	26.6	7.8	23.7	5.7	12.4	6.6
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	13:26	7.5	Bottom	3	2	26.6	7.8	23.6	5.8	12.6	7.6
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	12:42	5.8	Surface	1	1	26.6	7.8	22.4	5.7	8	8.7
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	12:42	5.8	Surface	1	2	26.7	7.9	22.1	5.8	7.9	9.6
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	12:42	5.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	12:42	5.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	12:42	5.8	Bottom	3	1	26.5	7.7	24.2	5.7	8.6	9.1
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	12:42	5.8	Bottom	3	2	26.6	7.8	23.7	5.7	8.5	10.1
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	SR4a	Cloudy	Calm	12:33	4.6	Surface	1	1	26.7	7.8	23.1	5.6	5.8	6.4
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	SR4a	Cloudy	Calm	12:33	4.6	Surface	1	2	26.7	7.8	22.9	5.6	5.6	6.7
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	SR4a	Cloudy	Calm	12:33	4.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	SR4a	Cloudy	Calm	12:33	4.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	SR4a	Cloudy	Calm	12:33	4.6	Bottom	3	1	26.6	7.7	23.6	5.6	6.9	7.9
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	SR4a	Cloudy	Calm	12:33	4.6	Bottom	3	2	26.6	7.8	23.6	5.5	6.9	6.9
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	SR4(N2)	Cloudy	Calm	12:27	4.7	Surface	1	1	26.5	7.8	19.6	5.5	8.8	6.3
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	SR4(N2)	Cloudy	Calm	12:27	4.7	Surface	1	2	26.5	7.8	20.1	5.6	8.8	7.4
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	SR4(N2)	Cloudy	Calm	12:27	4.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	SR4(N2)	Cloudy	Calm	12:27	4.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	SR4(N2)	Cloudy	Calm	12:27	4.7	Bottom	3	1	26.6	7.7	23.6	5.5	9.3	8.3
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	SR4(N2)	Cloudy	Calm	12:27	4.7	Bottom	3	2	26.5	7.8	23.5	5.5	9.3	7.3
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	IS8(N)	Cloudy	Calm	12:20	4.2	Surface	1	1	26.7	7.7	22.6	5.7	8.1	7.3
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	IS8(N)	Cloudy	Calm	12:20	4.2	Surface	1	2	26.7	7.8	22.4	5.6	8.2	8.3
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	IS8(N)	Cloudy	Calm	12:20	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	IS8(N)	Cloudy	Calm	12:20	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	IS8(N)	Cloudy	Calm	12:20	4.2	Bottom	3	1	26.6	7.7	22.9	5.6	12.5	7.5
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	IS8(N)	Cloudy	Calm	12:20	4.2	Bottom	3	2	26.6	7.8	23	5.6	12.5	8.7
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	IS(Mf)9	Cloudy	Calm	12:13	3.6	Surface	1	1	26.6	7.7	21.9	5.8	8.5	9.7
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	IS(Mf)9	Cloudy	Calm	12:13	3.6	Surface	1	2	26.6	7.8	21.8	5.8	8.3	10.1
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	IS(Mf)9	Cloudy	Calm	12:13	3.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	IS(Mf)9	Cloudy	Calm	12:13	3.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	IS(Mf)9	Cloudy	Calm	12:13	3.6	Bottom	3	1	26.5	7.6	22.2	5.8	8.6	8.1
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	IS(Mf)9	Cloudy	Calm	12:13	3.6	Bottom	3	2	26.6	7.7	22	5.8	8.3	8.4
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	IS(Mf)11	Rainy	Moderate	13:50	11	Surface	1	1	27.2	7.9	22.4	6.1	6.9	8.7
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	IS(Mf)11	Rainy	Moderate	13:50	11	Surface	1	2	27.2	7.9	22.4	6.1	7.1	8.8
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	IS(Mf)11	Rainy	Moderate	13:50	11	Middle	2	1	26.9	7.8	22.7	5.9	9.9	9
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	IS(Mf)11	Rainy	Moderate	13:50	11	Middle	2	2	26.8	7.9	22.7	5.9	10.1	9.2
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	IS(Mf)11	Rainy	Moderate	13:50	11	Bottom	3	1	26.8	7.8	22.8	5.9	10.1	8.7
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	IS(Mf)11	Rainy	Moderate	13:50	11	Bottom	3	2	26.8	7.9	22.8	5.9	10.3	9.7
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	SR7	Rainy	Moderate	13:58	4.3	Surface	1	1	26.8	7.9	23.2	5.7	13.8	18.6
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	SR7	Rainy	Moderate	13:58	4.3	Surface	1	2	26.8	7.9	23.2	5.7	13.2	17.7
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	SR7	Rainy	Moderate	13:58	4.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	SR7	Rainy	Moderate	13:58	4.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	SR7	Rainy	Moderate	13:58	4.3	Bottom	3	1	26.8	7.9	23.2	5.7	16.1	17.9
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	SR7	Rainy	Moderate	13:58	4.3	Bottom	3	2	26.8	7.9	23.2	5.7	15.8	18
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	IS17	Cloudy	Moderate	12:49	9.5	Surface	1	1	26.8	7.9	22.8	5.9	6.9	8.2
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	IS17	Cloudy	Moderate	12:49	9.5	Surface	1	2	26.8	7.9	22.9	5.8	6.7	8.1
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	IS17	Cloudy	Moderate	12:49	9.5	Middle	2	1	26.8	7.9	23	5.8	7.1	6.8
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	IS17	Cloudy	Moderate	12:49	9.5	Middle	2	2	26.8	7.9	22.9	5.7	6.7	6.8
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	IS17	Cloudy	Moderate	12:49	9.5	Bottom	3	1	26.6	7.8	24	5.6	7.4	7.1
TMCLKL	HY/2012/08	2019-08-02	Mid-Ebb	IS17	Cloudy	Moderate	12:49	9.5	Bottom	3	2	26.6	7.9	23.8	5.7	7.1	6.1
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	CS(Mf)5	Rainy	Moderate	06:08	12.2	Surface	1	1	26.6	7.9	23.5	5.7	7.1	10.5

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	2019-08-02	Mid-Flood	CS(Mf)5	Rainy	Moderate	06:08	12.2	Surface	1	2	26.5	7.9	24.4	5.5	7.5	9.5
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	CS(Mf)5	Rainy	Moderate	06:08	12.2	Middle	2	1	26.5	7.9	24.8	5.3	8.3	9.7
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	CS(Mf)5	Rainy	Moderate	06:08	12.2	Middle	2	2	26.5	7.9	24.8	5.2	8.5	8.6
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	CS(Mf)5	Rainy	Moderate	06:08	12.2	Bottom	3	1	26.4	7.9	25.9	5.1	13	8.6
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	CS(Mf)5	Rainy	Moderate	06:08	12.2	Bottom	3	2	26.4	7.9	25.3	5.1	12.6	9.7
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	07:05	7.3	Surface	1	1	26.7	7.8	21.3	5.9	7.5	8.5
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	07:05	7.3	Surface	1	2	26.7	7.8	21.4	5.8	7.2	8.8
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	07:05	7.3	Middle	2	1	26.7	7.8	22.1	5.7	7.1	7.7
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	07:05	7.3	Middle	2	2	26.7	7.8	22.2	5.7	7.3	8.7
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	07:05	7.3	Bottom	3	1	26.7	7.7	22.3	5.7	6.1	9.7
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	07:05	7.3	Bottom	3	2	26.7	7.8	22.3	5.7	6.1	8.6
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	IS(Mf)16	Rainy	Moderate	07:57	5.7	Surface	1	1	26.6	7.8	23.2	5.8	6.9	8.2
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	IS(Mf)16	Rainy	Moderate	07:57	5.7	Surface	1	2	26.6	7.9	23.1	5.8	6.6	7.1
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	IS(Mf)16	Rainy	Moderate	07:57	5.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	IS(Mf)16	Rainy	Moderate	07:57	5.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	IS(Mf)16	Rainy	Moderate	07:57	5.7	Bottom	3	1	26.5	7.7	23.8	5.7	7.8	9.6
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	IS(Mf)16	Rainy	Moderate	07:57	5.7	Bottom	3	2	26.5	7.8	23.6	5.7	7.3	8.8
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	SR4a	Rainy	Calm	08:09	4.2	Surface	1	1	26.6	7.7	23.5	5.7	7.9	9.6
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	SR4a	Rainy	Calm	08:09	4.2	Surface	1	2	26.5	7.8	23.4	5.7	8.2	10.7
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	SR4a	Rainy	Calm	08:09	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	SR4a	Rainy	Calm	08:09	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	SR4a	Rainy	Calm	08:09	4.2	Bottom	3	1	26.6	7.7	23.5	5.7	7.8	9.3
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	SR4a	Rainy	Calm	08:09	4.2	Bottom	3	2	26.5	7.8	23.5	5.6	7.6	9.1
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	SR4(N2)	Rainy	Calm	08:15	4.7	Surface	1	1	26.5	7.8	22.7	5.6	6.7	9.5
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	SR4(N2)	Rainy	Calm	08:15	4.7	Surface	1	2	26.5	7.9	23.1	5.6	6.5	9.9
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	SR4(N2)	Rainy	Calm	08:15	4.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	SR4(N2)	Rainy	Calm	08:15	4.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	SR4(N2)	Rainy	Calm	08:15	4.7	Bottom	3	1	26.5	7.8	23.8	5.5	7.5	8.3
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	SR4(N2)	Rainy	Calm	08:15	4.7	Bottom	3	2	26.6	7.8	23.8	5.5	7.3	9.5
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	IS8(N)	Rainy	Calm	08:22	3.9	Surface	1	1	26.5	7.8	22.9	5.8	7.9	8.9
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	IS8(N)	Rainy	Calm	08:22	3.9	Surface	1	2	26.6	7.8	23.1	5.8	7.8	7.8
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	IS8(N)	Rainy	Calm	08:22	3.9	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	IS8(N)	Rainy	Calm	08:22	3.9	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	IS8(N)	Rainy	Calm	08:22	3.9	Bottom	3	1	26.6	7.8	23.4	5.8	7.6	8.4
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	IS8(N)	Rainy	Calm	08:22	3.9	Bottom	3	2	26.5	7.8	23.2	5.8	7.8	7.6
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	IS(Mf)9	Rainy	Calm	08:30	3.7	Surface	1	1	26.6	7.7	23	6	7.1	10.4
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	IS(Mf)9	Rainy	Calm	08:30	3.7	Surface	1	2	26.6	7.8	23	6	6.8	10.3
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	IS(Mf)9	Rainy	Calm	08:30	3.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	IS(Mf)9	Rainy	Calm	08:30	3.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	IS(Mf)9	Rainy	Calm	08:30	3.7	Bottom	3	1	26.5	7.7	23	6.1	7.5	8.7
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	IS(Mf)9	Rainy	Calm	08:30	3.7	Bottom	3	2	26.6	7.8	23	6	7.1	7.4
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	IS(Mf)11	Rainy	Rough	06:43	11.4	Surface	1	1	26.5	7.9	23	5.8	11.5	9.8
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	IS(Mf)11	Rainy	Rough	06:43	11.4	Surface	1	2	26.5	7.9	22.4	5.8	11.1	10.8
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	IS(Mf)11	Rainy	Rough	06:43	11.4	Middle	2	1	26.5	7.8	23.6	5.7	15.4	9.8
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	IS(Mf)11	Rainy	Rough	06:43	11.4	Middle	2	2	26.5	7.9	23.6	5.7	15.3	9
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	IS(Mf)11	Rainy	Rough	06:43	11.4	Bottom	3	1	26.5	7.8	23.8	5.7	14.4	9.4
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	IS(Mf)11	Rainy	Rough	06:43	11.4	Bottom	3	2	26.5	7.9	23.9	5.7	14.7	9.3
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	SR7	Rainy	Rough	06:31	4.2	Surface	1	1	26.6	7.7	23.5	5.4	10.8	32.5
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	SR7	Rainy	Rough	06:31	4.2	Surface	1	2	26.6	7.8	23.6	5.4	10.4	16.2
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	SR7	Rainy	Rough	06:31	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	SR7	Rainy	Rough	06:31	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	SR7	Rainy	Rough	06:31	4.2	Bottom	3	1	26.6	7.7	23.7	5.5	14.4	15.9
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	SR7	Rainy	Rough	06:31	4.2	Bottom	3	2	26.6	7.8	23.8	5.4	14.1	16.6
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	IS17	Rainy	Moderate	07:47	9.3	Surface	1	1	26.6	7.8	23	5.7	7	6.9
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	IS17	Rainy	Moderate	07:47	9.3	Surface	1	2	26.6	7.8	23	5.7	7.1	7.9
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	IS17	Rainy	Moderate	07:47	9.3	Middle	2	1	26.6	7.7	24.3	5.3	8.3	8.9
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	IS17	Rainy	Moderate	07:47	9.3	Middle	2	2	26.6	7.8	23.9	5.4	8.3	8
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	IS17	Rainy	Moderate	07:47	9.3	Bottom	3	1	26.5	7.6	24.6	5.4	8.2	7.5
TMCLKL	HY/2012/08	2019-08-02	Mid-Flood	IS17	Rainy	Moderate	07:47	9.3	Bottom	3	2	26.5	7.8	24.6	5.4	8.4	8.7
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	CS(Mf)5	Sunny	Calm	16:27	13.8	Surface	1	1	28.1	7.9	20.3	5.2	3.1	6.6
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	CS(Mf)5	Sunny	Calm	16:27	13.8	Surface	1	2	28.1	7.9	20.3	5.2	3.1	7.6

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	2019-08-05	Mid-Ebb	CS(Mf)5	Sunny	Calm	16:27	13.8	Middle	2	1	27.8	7.9	20.9	5.2	3.6	7.4
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	CS(Mf)5	Sunny	Calm	16:27	13.8	Middle	2	2	27.8	7.9	20.9	5.2	3.6	7.8
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	CS(Mf)5	Sunny	Calm	16:27	13.8	Bottom	3	1	27.6	8	22	5.4	5.5	7.6
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	CS(Mf)5	Sunny	Calm	16:27	13.8	Bottom	3	2	27.6	8	22.1	5.3	5.5	7.7
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	CS(Mf)3(N)	Sunny	Calm	15:43	7.3	Surface	1	1	28.7	8	18.1	5.7	2.3	5.7
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	CS(Mf)3(N)	Sunny	Calm	15:43	7.3	Surface	1	2	28.7	8	18.1	5.7	2.3	5.9
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	CS(Mf)3(N)	Sunny	Calm	15:43	7.3	Middle	2	1	28.1	8	18.8	5.6	2.9	4.7
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	CS(Mf)3(N)	Sunny	Calm	15:43	7.3	Middle	2	2	28.1	8	18.8	5.6	2.9	5.9
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	CS(Mf)3(N)	Sunny	Calm	15:43	7.3	Bottom	3	1	27.5	8.1	21.6	5.6	5.2	8.2
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	CS(Mf)3(N)	Sunny	Calm	15:43	7.3	Bottom	3	2	27.5	8.1	21.6	5.6	5.2	7
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	IS(Mf)16	Sunny	Calm	15:03	4.9	Surface	1	1	27.6	8.1	21	5.4	3.1	11.7
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	IS(Mf)16	Sunny	Calm	15:03	4.9	Surface	1	2	27.6	8.1	21	5.4	3.1	10.3
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	IS(Mf)16	Sunny	Calm	15:03	4.9	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	IS(Mf)16	Sunny	Calm	15:03	4.9	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	IS(Mf)16	Sunny	Calm	15:03	4.9	Bottom	3	1	27.4	8.1	21.9	5.8	4.3	7.8
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	IS(Mf)16	Sunny	Calm	15:03	4.9	Bottom	3	2	27.4	8.1	22	5.8	4.3	8.8
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	SR4a	Sunny	Calm	14:52	3.4	Surface	1	1	27.7	7.9	19.8	5.3	4.7	5.6
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	SR4a	Sunny	Calm	14:52	3.4	Surface	1	2	27.7	7.9	19.8	5.3	4.6	6.7
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	SR4a	Sunny	Calm	14:52	3.4	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	SR4a	Sunny	Calm	14:52	3.4	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	SR4a	Sunny	Calm	14:52	3.4	Bottom	3	1	27.4	7.9	21	5.5	9.3	8.9
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	SR4a	Sunny	Calm	14:52	3.4	Bottom	3	2	27.4	7.9	21	5.5	9.3	8.7
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	SR4(N2)	Sunny	Calm	14:47	3.9	Surface	1	1	27.7	7.9	19.9	5	4.6	15.5
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	SR4(N2)	Sunny	Calm	14:47	3.9	Surface	1	2	28.6	7.9	19.2	5.2	4.4	15.1
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	SR4(N2)	Sunny	Calm	14:47	3.9	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	SR4(N2)	Sunny	Calm	14:47	3.9	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	SR4(N2)	Sunny	Calm	14:47	3.9	Bottom	3	1	27.7	7.9	19.9	5.4	8.2	7.6
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	SR4(N2)	Sunny	Calm	14:47	3.9	Bottom	3	2	28.4	7.9	19.3	5.4	8.1	6.6
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	IS8(N)	Sunny	Calm	14:41	3.8	Surface	1	1	27.6	8	20.5	5.3	6.3	6.6
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	IS8(N)	Sunny	Calm	14:41	3.8	Surface	1	2	28	8	20	5.4	6.3	6.3
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	IS8(N)	Sunny	Calm	14:41	3.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	IS8(N)	Sunny	Calm	14:41	3.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	IS8(N)	Sunny	Calm	14:41	3.8	Bottom	3	1	27.6	8	20.6	5.6	9.1	10.8
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	IS8(N)	Sunny	Calm	14:41	3.8	Bottom	3	2	27.9	8	20.1	5.4	9.1	10.2
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	IS(Mf)9	Sunny	Calm	14:33	3.5	Surface	1	1	28.1	8.1	19.8	5.5	5.2	7.9
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	IS(Mf)9	Sunny	Calm	14:33	3.5	Surface	1	2	28.1	8.1	19.8	5.5	5.1	7.5
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	IS(Mf)9	Sunny	Calm	14:33	3.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	IS(Mf)9	Sunny	Calm	14:33	3.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	IS(Mf)9	Sunny	Calm	14:33	3.5	Bottom	3	1	27.9	8.2	20.2	5.5	7.4	8.8
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	IS(Mf)9	Sunny	Calm	14:33	3.5	Bottom	3	2	27.9	8.2	20.2	5.5	7.3	7.8
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	IS(Mf)11	Sunny	Calm	16:03	10.8	Surface	1	1	28.9	8	18.9	5.8	2.3	5.8
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	IS(Mf)11	Sunny	Calm	16:03	10.8	Surface	1	2	28.9	8	18.9	5.8	2.2	6.7
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	IS(Mf)11	Sunny	Calm	16:03	10.8	Middle	2	1	28.5	8.1	19.4	5.6	4	6.7
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	IS(Mf)11	Sunny	Calm	16:03	10.8	Middle	2	2	28.5	8.1	19.4	5.6	4	7.3
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	IS(Mf)11	Sunny	Calm	16:03	10.8	Bottom	3	1	28.2	8.1	19.8	5.8	4.5	7.3
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	IS(Mf)11	Sunny	Calm	16:03	10.8	Bottom	3	2	28.1	8.1	19.8	5.8	4.5	8.4
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	SR7	Sunny	Calm	16:10	3.6	Surface	1	1	28.8	7.9	18.5	5.7	3.2	7.4
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	SR7	Sunny	Calm	16:10	3.6	Surface	1	2	28.9	7.9	18.4	5.7	3.2	8.1
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	SR7	Sunny	Calm	16:10	3.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	SR7	Sunny	Calm	16:10	3.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	SR7	Sunny	Calm	16:10	3.6	Bottom	3	1	28.1	7.9	19.9	5.8	5.9	8.1
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	SR7	Sunny	Calm	16:10	3.6	Bottom	3	2	28.1	7.9	19.9	5.8	5.8	7.5
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	IS17	Sunny	Calm	15:09	10.6	Surface	1	1	28.2	7.9	19.7	5.4	4	8.1
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	IS17	Sunny	Calm	15:09	10.6	Surface	1	2	28.2	7.9	19.7	5.4	3.9	7.8
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	IS17	Sunny	Calm	15:09	10.6	Middle	2	1	28.1	7.9	20.2	5.2	4.9	7.2
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	IS17	Sunny	Calm	15:09	10.6	Middle	2	2	28.1	7.9	20.2	5.2	4.9	8.4
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	IS17	Sunny	Calm	15:09	10.6	Bottom	3	1	27.1	8	23.7	4.9	7.8	8.1
TMCLKL	HY/2012/08	2019-08-05	Mid-Ebb	IS17	Sunny	Calm	15:09	10.6	Bottom	3	2	27.1	8	23.7	4.9	7.8	8.5
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	CS(Mf)5	Sunny	Moderate	08:26	13.4	Surface	1	1	27.6	7.7	18.7	5.3	1.5	5.4
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	CS(Mf)5	Sunny	Moderate	08:26	13.4	Surface	1	2	27.6	7.7	18.7	5.3	1.5	5.3
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	CS(Mf)5	Sunny	Moderate	08:26	13.4	Middle	2	1	27.3	7.8	21.7	5	1.7	7.3



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	2019-08-05	Mid-Flood	CS(Mf)5	Sunny	Moderate	08:26	13.4	Middle	2	2	27.3	7.8	21.7	5	1.7	7.5
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	CS(Mf)5	Sunny	Moderate	08:26	13.4	Bottom	3	1	27.1	7.9	23.8	5	2.1	7.9
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	CS(Mf)5	Sunny	Moderate	08:26	13.4	Bottom	3	2	27.1	7.9	23.8	5	2.1	6.9
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	CS(Mf)3(N)	Sunny	Moderate	09:16	7.1	Surface	1	1	27.7	7.9	18.3	5.2	5.2	11.7
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	CS(Mf)3(N)	Sunny	Moderate	09:16	7.1	Surface	1	2	27.8	7.9	17.9	5.3	5.2	13.8
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	CS(Mf)3(N)	Sunny	Moderate	09:16	7.1	Middle	2	1	27.7	8	18	5.3	6.3	10.2
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	CS(Mf)3(N)	Sunny	Moderate	09:16	7.1	Middle	2	2	27.7	8	18.4	5.3	6.3	11.6
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	CS(Mf)3(N)	Sunny	Moderate	09:16	7.1	Bottom	3	1	27.6	8.1	18.4	5.3	8.6	10.3
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	CS(Mf)3(N)	Sunny	Moderate	09:16	7.1	Bottom	3	2	27.7	8	18.3	5.3	8.5	11.8
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	IS(Mf)16	Sunny	Moderate	09:57	5.5	Surface	1	1	27.6	8	19.6	5.3	9.2	17
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	IS(Mf)16	Sunny	Moderate	09:57	5.5	Surface	1	2	27.6	8	19.6	5.3	9.2	18.9
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	IS(Mf)16	Sunny	Moderate	09:57	5.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	IS(Mf)16	Sunny	Moderate	09:57	5.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	IS(Mf)16	Sunny	Moderate	09:57	5.5	Bottom	3	1	27.4	8	20	5.4	14.7	5.6
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	IS(Mf)16	Sunny	Moderate	09:57	5.5	Bottom	3	2	27.4	8	20	5.3	14.6	5.1
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	SR4a	Sunny	Moderate	10:00	4.9	Surface	1	1	27.8	7.9	18.9	5.5	1.4	5.7
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	SR4a	Sunny	Moderate	10:00	4.9	Surface	1	2	27.8	7.9	18.9	5.5	1.3	5.2
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	SR4a	Sunny	Moderate	10:00	4.9	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	SR4a	Sunny	Moderate	10:00	4.9	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	SR4a	Sunny	Moderate	10:00	4.9	Bottom	3	1	27.6	7.9	19.2	5.8	2.6	5.9
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	SR4a	Sunny	Moderate	10:00	4.9	Bottom	3	2	27.6	7.9	19.2	5.8	2.6	6.8
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	SR4(N2)	Sunny	Moderate	10:16	4.5	Surface	1	1	27.8	7.8	19.1	5.4	4.4	10.4
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	SR4(N2)	Sunny	Moderate	10:16	4.5	Surface	1	2	27.8	7.8	19.1	5.4	4.4	9.7
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	SR4(N2)	Sunny	Moderate	10:16	4.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	SR4(N2)	Sunny	Moderate	10:16	4.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	SR4(N2)	Sunny	Moderate	10:16	4.5	Bottom	3	1	27.7	7.8	19.2	5.5	6.1	12
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	SR4(N2)	Sunny	Moderate	10:16	4.5	Bottom	3	2	27.7	7.8	19.2	5.4	6	11.1
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	IS8(N)	Sunny	Moderate	10:23	4.2	Surface	1	1	27.8	7.8	18.6	5.4	3.1	5.8
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	IS8(N)	Sunny	Moderate	10:23	4.2	Surface	1	2	27.8	7.8	18.6	5.4	3	5.3
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	IS8(N)	Sunny	Moderate	10:23	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	IS8(N)	Sunny	Moderate	10:23	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	IS8(N)	Sunny	Moderate	10:23	4.2	Bottom	3	1	27.7	7.8	18.7	5.3	4.2	5.2
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	IS8(N)	Sunny	Moderate	10:23	4.2	Bottom	3	2	27.8	7.8	18.7	5.3	4.2	6.2
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	IS(Mf)9	Sunny	Moderate	10:29	3.9	Surface	1	1	27.7	7.8	19	5.6	5.4	11.8
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	IS(Mf)9	Sunny	Moderate	10:29	3.9	Surface	1	2	27.7	7.8	19	5.6	5.4	13.3
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	IS(Mf)9	Sunny	Moderate	10:29	3.9	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	IS(Mf)9	Sunny	Moderate	10:29	3.9	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	IS(Mf)9	Sunny	Moderate	10:29	3.9	Bottom	3	1	27.6	7.8	19.3	6.1	6.3	12.1
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	IS(Mf)9	Sunny	Moderate	10:29	3.9	Bottom	3	2	27.6	7.8	19.2	5.9	6.1	10.6
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	IS(Mf)11	Sunny	Moderate	08:52	11.3	Surface	1	1	27.4	7.7	20.1	5.2	6.7	8
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	IS(Mf)11	Sunny	Moderate	08:52	11.3	Surface	1	2	27.4	7.7	20.1	5.2	6.7	8.7
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	IS(Mf)11	Sunny	Moderate	08:52	11.3	Middle	2	1	27.4	7.7	20	5.2	7.7	9.8
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	IS(Mf)11	Sunny	Moderate	08:52	11.3	Middle	2	2	27.4	7.7	20.1	5.2	7.7	10.5
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	IS(Mf)11	Sunny	Moderate	08:52	11.3	Bottom	3	1	27.3	7.8	21.2	5.5	9.2	11.1
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	IS(Mf)11	Sunny	Moderate	08:52	11.3	Bottom	3	2	27.3	7.8	21.2	5.5	9.2	10.9
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	SR7	Sunny	Moderate	08:45	4.2	Surface	1	1	27.7	7.7	19.1	5.3	3.3	8.6
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	SR7	Sunny	Moderate	08:45	4.2	Surface	1	2	27.7	7.7	19.1	5.3	3.2	8.8
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	SR7	Sunny	Moderate	08:45	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	SR7	Sunny	Moderate	08:45	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	SR7	Sunny	Moderate	08:45	4.2	Bottom	3	1	27.4	7.7	20.7	5.3	8	10.2
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	SR7	Sunny	Moderate	08:45	4.2	Bottom	3	2	27.4	7.7	20.7	5.3	8	11.6
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	IS17	Sunny	Moderate	09:52	11.2	Surface	1	1	27.4	7.9	21	5.2	1.3	6.6
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	IS17	Sunny	Moderate	09:52	11.2	Surface	1	2	27.5	7.9	20.3	5.2	1.3	5.7
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	IS17	Sunny	Moderate	09:52	11.2	Middle	2	1	27.4	8	20.6	5.4	2.1	5.6
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	IS17	Sunny	Moderate	09:52	11.2	Middle	2	2	27.6	8	19.9	5.3	2	5.8
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	IS17	Sunny	Moderate	09:52	11.2	Bottom	3	1	27.3	8	21.2	5.7	4.3	5.1
TMCLKL	HY/2012/08	2019-08-05	Mid-Flood	IS17	Sunny	Moderate	09:52	11.2	Bottom	3	2	27.4	8	20.7	5.4	4.2	4.8
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	CS(Mf)5	Sunny	Moderate	18:10	13.7	Surface	1	1	28.7	7.8	21.8	5.7	3.8	6.1
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	CS(Mf)5	Sunny	Moderate	18:10	13.7	Surface	1	2	28.7	7.9	21.4	5.7	3.8	5.5
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	CS(Mf)5	Sunny	Moderate	18:10	13.7	Middle	2	1	27.9	7.8	24.2	4.9	3.5	5.2
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	CS(Mf)5	Sunny	Moderate	18:10	13.7	Middle	2	2	27.9	7.9	23.7	4.9	3.5	5.9

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	2019-08-07	Mid-Ebb	CS(Mf)5	Sunny	Moderate	18:10	13.7	Bottom	3	1	27.7	7.8	25.7	4.8	2.8	5.6
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	CS(Mf)5	Sunny	Moderate	18:10	13.7	Bottom	3	2	27.7	7.9	25.1	4.9	2.7	6
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	CS(Mf)3(N)	Sunny	Moderate	17:25	7.3	Surface	1	1	28.9	7.7	18.3	5.5	3.9	7.8
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	CS(Mf)3(N)	Sunny	Moderate	17:25	7.3	Surface	1	2	28.9	7.8	18	5.5	3.8	8.1
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	CS(Mf)3(N)	Sunny	Moderate	17:25	7.3	Middle	2	1	28	7.8	21.7	4.8	6.2	8.7
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	CS(Mf)3(N)	Sunny	Moderate	17:25	7.3	Middle	2	2	28	7.8	21.4	4.9	6.2	8.9
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	CS(Mf)3(N)	Sunny	Moderate	17:25	7.3	Bottom	3	1	28	7.8	23.3	5.1	11.3	6.5
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	CS(Mf)3(N)	Sunny	Moderate	17:25	7.3	Bottom	3	2	28	7.9	22.9	5.2	11.3	6.2
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	IS(Mf)16	Sunny	Moderate	16:47	5	Surface	1	1	28.4	7.8	21.6	5.5	5.5	9.8
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	IS(Mf)16	Sunny	Moderate	16:47	5	Surface	1	2	28.4	7.9	21.6	5.5	5.5	10.6
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	IS(Mf)16	Sunny	Moderate	16:47	5	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	IS(Mf)16	Sunny	Moderate	16:47	5	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	IS(Mf)16	Sunny	Moderate	16:47	5	Bottom	3	1	28.1	7.8	22.3	5.1	7.4	9.7
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	IS(Mf)16	Sunny	Moderate	16:47	5	Bottom	3	2	28.1	7.8	21.9	5.1	7.5	8.7
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	SR4a	Sunny	Moderate	16:39	3.9	Surface	1	1	28.5	7.8	20.8	5.8	4.5	11.3
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	SR4a	Sunny	Moderate	16:39	3.9	Surface	1	2	28.5	7.9	20.4	5.9	4.6	10.6
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	SR4a	Sunny	Moderate	16:39	3.9	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	SR4a	Sunny	Moderate	16:39	3.9	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	SR4a	Sunny	Moderate	16:39	3.9	Bottom	3	1	28.1	7.8	21.6	4.9	4.8	10.2
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	SR4a	Sunny	Moderate	16:39	3.9	Bottom	3	2	28.2	7.8	21.2	5.2	4.9	10.5
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	SR4(N2)	Sunny	Moderate	16:35	3.6	Surface	1	1	28.5	7.8	20.9	5.6	6.5	9.8
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	SR4(N2)	Sunny	Moderate	16:35	3.6	Surface	1	2	28.5	7.8	20.6	5.7	6.4	10.7
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	SR4(N2)	Sunny	Moderate	16:35	3.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	SR4(N2)	Sunny	Moderate	16:35	3.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	SR4(N2)	Sunny	Moderate	16:35	3.6	Bottom	3	1	28.3	7.8	21.5	5	9.8	8.5
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	SR4(N2)	Sunny	Moderate	16:35	3.6	Bottom	3	2	28.3	7.8	21.1	5	9.7	7.5
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	IS8(N)	Sunny	Moderate	16:30	4.8	Surface	1	1	28.4	7.8	21.4	5.5	6.5	7.1
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	IS8(N)	Sunny	Moderate	16:30	4.8	Surface	1	2	28.4	7.9	21	5.5	6.5	6.1
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	IS8(N)	Sunny	Moderate	16:30	4.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	IS8(N)	Sunny	Moderate	16:30	4.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	IS8(N)	Sunny	Moderate	16:30	4.8	Bottom	3	1	28.1	7.8	22.2	5	7.9	7.4
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	IS8(N)	Sunny	Moderate	16:30	4.8	Bottom	3	2	28.1	7.9	21.8	5	7.9	8.1
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	IS(Mf)9	Sunny	Moderate	16:22	4.2	Surface	1	1	27.6	7.8	25.1	4.5	3.3	7.6
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	IS(Mf)9	Sunny	Moderate	16:22	4.2	Surface	1	2	27.6	7.8	25.1	4.5	3.3	6.7
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	IS(Mf)9	Sunny	Moderate	16:22	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	IS(Mf)9	Sunny	Moderate	16:22	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	IS(Mf)9	Sunny	Moderate	16:22	4.2	Bottom	3	1	28	7.8	21	7	5.3	6.7
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	IS(Mf)9	Sunny	Moderate	16:22	4.2	Bottom	3	2	28	7.8	21	7	5.3	6.6
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	IS(Mf)11	Sunny	Moderate	17:48	10.9	Surface	1	1	29.1	7.8	18.3	6	4.1	5.5
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	IS(Mf)11	Sunny	Moderate	17:48	10.9	Surface	1	2	29.1	7.8	18	5.8	4.1	5.9
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	IS(Mf)11	Sunny	Moderate	17:48	10.9	Middle	2	1	28.4	7.7	20.6	5	5.1	14.4
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	IS(Mf)11	Sunny	Moderate	17:48	10.9	Middle	2	2	28.4	7.8	20.3	5.1	5.1	12.6
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	IS(Mf)11	Sunny	Moderate	17:48	10.9	Bottom	3	1	27.9	7.8	23.4	4.7	5.5	8.3
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	IS(Mf)11	Sunny	Moderate	17:48	10.9	Bottom	3	2	27.9	7.8	23	4.8	5.5	9.6
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	SR7	Sunny	Moderate	17:54	4.4	Surface	1	1	28.7	7.8	20.5	5.7	4.1	5.5
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	SR7	Sunny	Moderate	17:54	4.4	Surface	1	2	28.7	7.9	20.1	5.7	4.2	4.8
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	SR7	Sunny	Moderate	17:54	4.4	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	SR7	Sunny	Moderate	17:54	4.4	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	SR7	Sunny	Moderate	17:54	4.4	Bottom	3	1	28.5	7.8	21	5.4	4.6	8.4
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	SR7	Sunny	Moderate	17:54	4.4	Bottom	3	2	28.5	7.9	20.8	5.6	4.6	8.2
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	IS17	Sunny	Moderate	16:52	10.5	Surface	1	1	28	7.8	22.8	4.8	4.8	9.3
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	IS17	Sunny	Moderate	16:52	10.5	Surface	1	2	28	7.8	22.4	4.9	4.9	8.3
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	IS17	Sunny	Moderate	16:52	10.5	Middle	2	1	27.6	7.8	25.1	4.5	8.4	9.6
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	IS17	Sunny	Moderate	16:52	10.5	Middle	2	2	27.6	7.8	24.6	4.5	8.4	9.2
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	IS17	Sunny	Moderate	16:52	10.5	Bottom	3	1	27.6	7.8	25.2	4.5	11.4	6.9
TMCLKL	HY/2012/08	2019-08-07	Mid-Ebb	IS17	Sunny	Moderate	16:52	10.5	Bottom	3	2	27.6	7.8	24.7	4.5	11.4	7.9
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	CS(Mf)5	Sunny	Moderate	10:29	14.6	Surface	1	1	28	7.8	21.3	4.6	4	6.5
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	CS(Mf)5	Sunny	Moderate	10:29	14.6	Surface	1	2	27.6	7.8	21.3	4.6	4	5.8
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	CS(Mf)5	Sunny	Moderate	10:29	14.6	Middle	2	1	27.6	7.8	24.6	4.6	4	6.7
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	CS(Mf)5	Sunny	Moderate	10:29	14.6	Middle	2	2	27.6	7.8	24.2	4.6	4	6.8
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	CS(Mf)5	Sunny	Moderate	10:29	14.6	Bottom	3	1	27.5	7.8	26.5	4.5	10.6	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	2019-08-07	Mid-Flood	CS(Mf)5	Sunny	Moderate	10:29	14.6	Bottom	3	2	27.4	7.8	26	4.5	10.6	7.9
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	CS(Mf)3(N)	Sunny	Moderate	11:19	7.2	Surface	1	1	28.2	7.7	19.8	5	5.1	9.1
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	CS(Mf)3(N)	Sunny	Moderate	11:19	7.2	Surface	1	2	28.4	7.8	19.2	5.3	5.2	8.1
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	CS(Mf)3(N)	Sunny	Moderate	11:19	7.2	Middle	2	1	28.2	7.7	19.9	5	6	10.5
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	CS(Mf)3(N)	Sunny	Moderate	11:19	7.2	Middle	2	2	28.2	7.8	19.5	5	6.1	9.9
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	CS(Mf)3(N)	Sunny	Moderate	11:19	7.2	Bottom	3	1	28.3	7.7	20.1	5.2	6.2	10.7
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	CS(Mf)3(N)	Sunny	Moderate	11:19	7.2	Bottom	3	2	28.2	7.8	19.6	5.1	6.2	9.8
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	IS(Mf)16	Sunny	Moderate	12:23	5.6	Surface	1	1	28.5	7.8	20.7	5.6	5.9	8.7
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	IS(Mf)16	Sunny	Moderate	12:23	5.6	Surface	1	2	28.5	7.9	20.3	5.6	5.9	7.7
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	IS(Mf)16	Sunny	Moderate	12:23	5.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	IS(Mf)16	Sunny	Moderate	12:23	5.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	IS(Mf)16	Sunny	Moderate	12:23	5.6	Bottom	3	1	28	7.8	21.6	5	10.4	7.1
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	IS(Mf)16	Sunny	Moderate	12:23	5.6	Bottom	3	2	28	7.8	21.2	5	10.3	8
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	SR4a	Sunny	Moderate	12:32	3.8	Surface	1	1	28.6	7.7	20.4	5.5	3.6	9.2
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	SR4a	Sunny	Moderate	12:32	3.8	Surface	1	2	28.6	7.8	20.1	5.6	3.6	8.2
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	SR4a	Sunny	Moderate	12:32	3.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	SR4a	Sunny	Moderate	12:32	3.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	SR4a	Sunny	Moderate	12:32	3.8	Bottom	3	1	28	7.7	21.7	4.5	6.7	9.6
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	SR4a	Sunny	Moderate	12:32	3.8	Bottom	3	2	28	7.8	21.3	4.5	6.7	9.9
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	SR4(N2)	Sunny	Moderate	12:36	3.6	Surface	1	1	28.5	7.7	20.4	5.5	3.6	10.2
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	SR4(N2)	Sunny	Moderate	12:36	3.6	Surface	1	2	28.4	7.8	20	5.6	3.6	9.2
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	SR4(N2)	Sunny	Moderate	12:36	3.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	SR4(N2)	Sunny	Moderate	12:36	3.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	SR4(N2)	Sunny	Moderate	12:36	3.6	Bottom	3	1	28.2	7.7	20.7	5.3	4.1	8.4
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	SR4(N2)	Sunny	Moderate	12:36	3.6	Bottom	3	2	28.3	7.8	20.3	5.4	4.1	9.3
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	IS8(N)	Sunny	Moderate	12:41	4.3	Surface	1	1	28.3	7.7	20.8	5.2	5.6	9.7
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	IS8(N)	Sunny	Moderate	12:41	4.3	Surface	1	2	28.3	7.8	20.4	5.2	5.6	9.3
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	IS8(N)	Sunny	Moderate	12:41	4.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	IS8(N)	Sunny	Moderate	12:41	4.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	IS8(N)	Sunny	Moderate	12:41	4.3	Bottom	3	1	28.3	7.7	21	5.1	9.5	8.4
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	IS8(N)	Sunny	Moderate	12:41	4.3	Bottom	3	2	28.2	7.8	20.5	5.2	9.5	8.8
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	IS(Mf)9	Sunny	Moderate	12:49	3.8	Surface	1	1	28.4	7.7	20.7	5.7	7	8.6
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	IS(Mf)9	Sunny	Moderate	12:49	3.8	Surface	1	2	28.4	7.8	20.3	5.7	7	8.3
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	IS(Mf)9	Sunny	Moderate	12:49	3.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	IS(Mf)9	Sunny	Moderate	12:49	3.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	IS(Mf)9	Sunny	Moderate	12:49	3.8	Bottom	3	1	28.3	7.7	20.8	5.3	9.3	8.6
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	IS(Mf)9	Sunny	Moderate	12:49	3.8	Bottom	3	2	28.3	7.8	20.5	5.4	9.2	8.6
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	IS(Mf)11	Sunny	Moderate	10:55	11.2	Surface	1	1	28	7.8	21.9	4.8	8	8.6
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	IS(Mf)11	Sunny	Moderate	10:55	11.2	Surface	1	2	27.9	7.8	21.7	4.8	8	8.6
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	IS(Mf)11	Sunny	Moderate	10:55	11.2	Middle	2	1	27.9	7.8	22	4.8	7.3	9.4
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	IS(Mf)11	Sunny	Moderate	10:55	11.2	Middle	2	2	27.9	7.8	21.7	4.8	7.3	10.3
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	IS(Mf)11	Sunny	Moderate	10:55	11.2	Bottom	3	1	27.7	7.8	23.9	4.7	11.9	24.3
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	IS(Mf)11	Sunny	Moderate	10:55	11.2	Bottom	3	2	27.7	7.8	23.5	4.7	11.9	21
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	SR7	Sunny	Moderate	10:48	4.3	Surface	1	1	28.2	7.8	21.2	5	4.5	4
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	SR7	Sunny	Moderate	10:48	4.3	Surface	1	2	28.1	7.8	20.9	5	4.5	5
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	SR7	Sunny	Moderate	10:48	4.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	SR7	Sunny	Moderate	10:48	4.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	SR7	Sunny	Moderate	10:48	4.3	Bottom	3	1	27.9	7.8	22.7	4.8	10.1	8.1
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	SR7	Sunny	Moderate	10:48	4.3	Bottom	3	2	27.9	7.8	22.3	4.8	10.1	9
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	IS17	Sunny	Moderate	12:01	11.9	Surface	1	1	28.3	7.8	21.3	5.3	2.5	7.9
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	IS17	Sunny	Moderate	12:01	11.9	Surface	1	2	28.3	7.8	21	5.3	2.6	8.8
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	IS17	Sunny	Moderate	12:01	11.9	Middle	2	1	28	7.8	22.3	4.9	3.5	8.5
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	IS17	Sunny	Moderate	12:01	11.9	Middle	2	2	28	7.8	22	4.9	3.5	7.6
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	IS17	Sunny	Moderate	12:01	11.9	Bottom	3	1	27.9	7.8	22.8	4.9	3.7	8.3
TMCLKL	HY/2012/08	2019-08-07	Mid-Flood	IS17	Sunny	Moderate	12:01	11.9	Bottom	3	2	27.9	7.8	22.4	4.9	3.6	7.3
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	CS(Mf)5	Sunny	Moderate	07:16	15.2	Surface	1	1	28.8	7.9	18.5	5.8	2.7	6.7
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	CS(Mf)5	Sunny	Moderate	07:16	15.2	Surface	1	2	28.8	7.9	18.5	5.8	2.7	6.8
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	CS(Mf)5	Sunny	Moderate	07:16	15.2	Middle	2	1	28.1	7.9	24.1	5.4	1.8	6.2
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	CS(Mf)5	Sunny	Moderate	07:16	15.2	Middle	2	2	28.1	7.9	24.1	5.4	1.8	5.2
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	CS(Mf)5	Sunny	Moderate	07:16	15.2	Bottom	3	1	27.9	7.9	26.3	5	1.9	3.9
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	CS(Mf)5	Sunny	Moderate	07:16	15.2	Bottom	3	2	27.9	7.9	26.4	5	1.9	2.9

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	2019-08-09	Mid-Ebb	CS(Mf)3(N)	Sunny	Moderate	08:21	7.3	Surface	1	1	28.9	7.9	17.1	5.7	3.3	6.1
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	CS(Mf)3(N)	Sunny	Moderate	08:21	7.3	Surface	1	2	28.9	7.9	17.2	5.7	3.2	5.1
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	CS(Mf)3(N)	Sunny	Moderate	08:21	7.3	Middle	2	1	28.1	7.9	22.9	4.8	7.8	5
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	CS(Mf)3(N)	Sunny	Moderate	08:21	7.3	Middle	2	2	28.1	7.9	22.9	4.8	7.8	4.8
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	CS(Mf)3(N)	Sunny	Moderate	08:21	7.3	Bottom	3	1	28	7.9	23.8	4.8	9	5.4
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	CS(Mf)3(N)	Sunny	Moderate	08:21	7.3	Bottom	3	2	28	7.9	23.8	4.8	9	4.7
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	IS(Mf)16	Sunny	Moderate	08:55	5.6	Surface	1	1	29	7.9	20.2	5.9	5.7	4.9
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	IS(Mf)16	Sunny	Moderate	08:55	5.6	Surface	1	2	29	7.9	20.2	5.9	5.8	3.9
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	IS(Mf)16	Sunny	Moderate	08:55	5.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	IS(Mf)16	Sunny	Moderate	08:55	5.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	IS(Mf)16	Sunny	Moderate	08:55	5.6	Bottom	3	1	28.8	7.9	21.2	5.8	8.7	4.6
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	IS(Mf)16	Sunny	Moderate	08:55	5.6	Bottom	3	2	28.8	7.9	21.2	5.8	8.7	5.6
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	SR4a	Sunny	Moderate	09:04	5.2	Surface	1	1	28.8	7.8	19.8	5.2	4.3	5.6
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	SR4a	Sunny	Moderate	09:04	5.2	Surface	1	2	28.8	7.8	19.8	5.2	4.3	6.2
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	SR4a	Sunny	Moderate	09:04	5.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	SR4a	Sunny	Moderate	09:04	5.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	SR4a	Sunny	Moderate	09:04	5.2	Bottom	3	1	28.6	7.8	21	4.8	5.9	6.1
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	SR4a	Sunny	Moderate	09:04	5.2	Bottom	3	2	28.6	7.8	21	4.8	5.9	6.1
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	SR4(N2)	Sunny	Moderate	09:08	4.8	Surface	1	1	29.3	7.8	19.6	5.3	7.4	5.3
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	SR4(N2)	Sunny	Moderate	09:08	4.8	Surface	1	2	29.2	7.8	19.6	5.3	7.4	4.8
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	SR4(N2)	Sunny	Moderate	09:08	4.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	SR4(N2)	Sunny	Moderate	09:08	4.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	SR4(N2)	Sunny	Moderate	09:08	4.8	Bottom	3	1	28.7	7.8	21.2	4.8	8.5	8.2
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	SR4(N2)	Sunny	Moderate	09:08	4.8	Bottom	3	2	28.7	7.8	21.3	4.8	8.5	9.2
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	IS8(N)	Sunny	Moderate	09:14	4.6	Surface	1	1	29.1	7.9	19.2	5.8	3.8	9.8
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	IS8(N)	Sunny	Moderate	09:14	4.6	Surface	1	2	29.1	7.9	19.2	5.8	3.8	10.8
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	IS8(N)	Sunny	Moderate	09:14	4.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	IS8(N)	Sunny	Moderate	09:14	4.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	IS8(N)	Sunny	Moderate	09:14	4.6	Bottom	3	1	28.4	7.8	22.4	4.8	6.4	7.1
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	IS8(N)	Sunny	Moderate	09:14	4.6	Bottom	3	2	28.4	7.8	22.4	4.8	6.4	8.1
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	IS(Mf)9	Sunny	Moderate	09:23	4.2	Surface	1	1	29.2	7.9	18.9	6.6	2.9	9.3
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	IS(Mf)9	Sunny	Moderate	09:23	4.2	Surface	1	2	29.2	7.9	18.9	6.6	2.9	5.2
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	IS(Mf)9	Sunny	Moderate	09:23	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	IS(Mf)9	Sunny	Moderate	09:23	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	IS(Mf)9	Sunny	Moderate	09:23	4.2	Bottom	3	1	29.2	7.9	19.8	5.9	6.5	3.8
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	IS(Mf)9	Sunny	Moderate	09:23	4.2	Bottom	3	2	29.2	7.9	19.9	5.9	6.4	4.2
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	IS(Mf)11	Sunny	Moderate	07:53	11.3	Surface	1	1	29.1	7.8	14.1	5.9	4.2	4.9
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	IS(Mf)11	Sunny	Moderate	07:53	11.3	Surface	1	2	29.1	7.8	14.1	5.9	4.2	5.7
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	IS(Mf)11	Sunny	Moderate	07:53	11.3	Middle	2	1	28.9	7.8	16.2	5.6	4.6	5.5
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	IS(Mf)11	Sunny	Moderate	07:53	11.3	Middle	2	2	28.9	7.8	16.2	5.6	4.6	4.6
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	IS(Mf)11	Sunny	Moderate	07:53	11.3	Bottom	3	1	28.3	7.8	22.4	4.8	4.2	5.9
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	IS(Mf)11	Sunny	Moderate	07:53	11.3	Bottom	3	2	28.3	7.8	22.5	4.8	4.2	6.9
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	SR7	Sunny	Moderate	07:43	4.5	Surface	1	1	28.9	7.8	16.3	6	3.3	3.4
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	SR7	Sunny	Moderate	07:43	4.5	Surface	1	2	29	7.8	16.3	6	3.4	2.4
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	SR7	Sunny	Moderate	07:43	4.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	SR7	Sunny	Moderate	07:43	4.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	SR7	Sunny	Moderate	07:43	4.5	Bottom	3	1	28.9	7.9	17.2	6	3.2	4.7
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	SR7	Sunny	Moderate	07:43	4.5	Bottom	3	2	28.9	7.9	17.2	6	3.1	4.1
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	IS17	Sunny	Moderate	08:47	11.8	Surface	1	1	29	7.9	17.9	5.9	3.8	5.7
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	IS17	Sunny	Moderate	08:47	11.8	Surface	1	2	29	7.9	17.9	5.9	3.8	4.7
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	IS17	Sunny	Moderate	08:47	11.8	Middle	2	1	28.8	7.9	20.9	5.4	3.7	5.4
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	IS17	Sunny	Moderate	08:47	11.8	Middle	2	2	28.8	7.9	20.9	5.5	3.7	5.5
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	IS17	Sunny	Moderate	08:47	11.8	Bottom	3	1	28.1	7.9	23.9	4.8	5.4	5.4
TMCLKL	HY/2012/08	2019-08-09	Mid-Ebb	IS17	Sunny	Moderate	08:47	11.8	Bottom	3	2	28.1	7.9	24	4.8	5.4	4.9
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	CS(Mf)5	Sunny	Moderate	15:21	14.8	Surface	1	1	29.7	8	18.3	7.1	2.9	7.9
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	CS(Mf)5	Sunny	Moderate	15:21	14.8	Surface	1	2	29.7	8	18.3	7.1	2.9	7
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	CS(Mf)5	Sunny	Moderate	15:21	14.8	Middle	2	1	27.9	7.9	25.5	4.8	3.1	6.2
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	CS(Mf)5	Sunny	Moderate	15:21	14.8	Middle	2	2	28	7.9	25.5	4.8	3.1	7.1
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	CS(Mf)5	Sunny	Moderate	15:21	14.8	Bottom	3	1	27.7	7.9	27.4	4.9	2.8	6.2
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	CS(Mf)5	Sunny	Moderate	15:21	14.8	Bottom	3	2	27.7	7.9	27.4	4.9	2.7	5.9
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	CS(Mf)3(N)	Sunny	Rough	14:29	7.1	Surface	1	1	30.8	7.9	10.9	7	4.7	8.1

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	2019-08-09	Mid-Flood	CS(Mf)3(N)	Sunny	Rough	14:29	7.1	Surface	1	2	30.8	7.9	10.9	7	4.7	9.1
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	CS(Mf)3(N)	Sunny	Rough	14:29	7.1	Middle	2	1	29.3	7.8	16.3	5.5	8.9	9.2
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	CS(Mf)3(N)	Sunny	Rough	14:29	7.1	Middle	2	2	29.3	7.8	16.3	5.5	8.8	9.9
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	CS(Mf)3(N)	Sunny	Rough	14:29	7.1	Bottom	3	1	28.2	7.8	22.4	4.6	11.1	9.7
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	CS(Mf)3(N)	Sunny	Rough	14:29	7.1	Bottom	3	2	28.2	7.8	22.5	4.6	11	9.5
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	IS(Mf)16	Sunny	Moderate	13:52	5.1	Surface	1	1	29.4	7.9	18.8	7	6	10.2
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	IS(Mf)16	Sunny	Moderate	13:52	5.1	Surface	1	2	29.4	7.9	18.8	7	5.9	9.2
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	IS(Mf)16	Sunny	Moderate	13:52	5.1	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	IS(Mf)16	Sunny	Moderate	13:52	5.1	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	IS(Mf)16	Sunny	Moderate	13:52	5.1	Bottom	3	1	28.8	7.9	20.4	5.7	6.1	9.8
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	IS(Mf)16	Sunny	Moderate	13:52	5.1	Bottom	3	2	28.8	7.9	20.4	5.7	6.1	9.6
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	SR4a	Sunny	Moderate	13:42	4.8	Surface	1	1	29.9	8	17.8	8	3.3	7.1
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	SR4a	Sunny	Moderate	13:42	4.8	Surface	1	2	30	8	17.8	8	3.3	6.1
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	SR4a	Sunny	Moderate	13:42	4.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	SR4a	Sunny	Moderate	13:42	4.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	SR4a	Sunny	Moderate	13:42	4.8	Bottom	3	1	29.3	7.9	18.8	7	3.7	4.4
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	SR4a	Sunny	Moderate	13:42	4.8	Bottom	3	2	29.3	7.9	18.8	7	3.7	5.3
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	SR4(N2)	Sunny	Moderate	13:37	4.5	Surface	1	1	29	7.9	19	6.1	6.5	3.9
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	SR4(N2)	Sunny	Moderate	13:37	4.5	Surface	1	2	29	7.9	19	6.1	6.5	4.9
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	SR4(N2)	Sunny	Moderate	13:37	4.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	SR4(N2)	Sunny	Moderate	13:37	4.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	SR4(N2)	Sunny	Moderate	13:37	4.5	Bottom	3	1	28.9	7.8	20.5	5	7	5.5
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	SR4(N2)	Sunny	Moderate	13:37	4.5	Bottom	3	2	28.9	7.8	20.5	5	7	6.4
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	IS8(N)	Sunny	Moderate	13:28	4.1	Surface	1	1	29.2	7.9	18.8	6.7	3.6	4.7
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	IS8(N)	Sunny	Moderate	13:28	4.1	Surface	1	2	29.2	7.9	18.8	6.7	3.6	3.7
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	IS8(N)	Sunny	Moderate	13:28	4.1	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	IS8(N)	Sunny	Moderate	13:28	4.1	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	IS8(N)	Sunny	Moderate	13:28	4.1	Bottom	3	1	29	7.8	19.6	5.9	4.8	5.3
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	IS8(N)	Sunny	Moderate	13:28	4.1	Bottom	3	2	29	7.8	19.6	6	4.8	5.7
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	IS(Mf)9	Sunny	Moderate	13:20	4	Surface	1	1	29	7.8	20.3	5.9	8.7	4.8
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	IS(Mf)9	Sunny	Moderate	13:20	4	Surface	1	2	29	7.8	20.2	5.9	8.7	5
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	IS(Mf)9	Sunny	Moderate	13:20	4	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	IS(Mf)9	Sunny	Moderate	13:20	4	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	IS(Mf)9	Sunny	Moderate	13:20	4	Bottom	3	1	29	7.8	20.5	5.8	10.2	5.4
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	IS(Mf)9	Sunny	Moderate	13:20	4	Bottom	3	2	29	7.8	20.5	5.8	10.2	6.2
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	IS(Mf)11	Sunny	Rough	14:53	10.9	Surface	1	1	30.4	8.1	14.3	8.5	2.6	9.5
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	IS(Mf)11	Sunny	Rough	14:53	10.9	Surface	1	2	30.4	8.1	14.3	8.5	2.6	8.9
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	IS(Mf)11	Sunny	Rough	14:53	10.9	Middle	2	1	29.1	7.9	20.4	6.1	3.6	7.4
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	IS(Mf)11	Sunny	Rough	14:53	10.9	Middle	2	2	29.1	7.9	20.4	6.1	3.6	6.3
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	IS(Mf)11	Sunny	Rough	14:53	10.9	Bottom	3	1	28.5	7.9	21.9	5.5	5.5	7.7
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	IS(Mf)11	Sunny	Rough	14:53	10.9	Bottom	3	2	28.6	7.9	21.8	5.5	5.5	6.5
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	SR7	Sunny	Moderate	15:00	4.2	Surface	1	1	30.2	8.1	14.8	8	3.7	6.9
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	SR7	Sunny	Moderate	15:00	4.2	Surface	1	2	30.2	8.1	14.8	8	3.7	6.7
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	SR7	Sunny	Moderate	15:00	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	SR7	Sunny	Moderate	15:00	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	SR7	Sunny	Moderate	15:00	4.2	Bottom	3	1	29.7	7.9	16.7	7	7.5	6.6
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	SR7	Sunny	Moderate	15:00	4.2	Bottom	3	2	29.7	7.9	16.7	7	7.4	6.8
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	IS17	Sunny	Moderate	13:58	10.4	Surface	1	1	29	7.9	19.9	6.5	2.8	4.1
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	IS17	Sunny	Moderate	13:58	10.4	Surface	1	2	29	7.9	19.9	6.5	2.8	5
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	IS17	Sunny	Moderate	13:58	10.4	Middle	2	1	29	7.9	20.2	6	3.4	5.5
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	IS17	Sunny	Moderate	13:58	10.4	Middle	2	2	29	7.9	20.2	6.2	3.4	4.5
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	IS17	Sunny	Moderate	13:58	10.4	Bottom	3	1	28.8	7.9	20.8	5.9	5.2	6.2
TMCLKL	HY/2012/08	2019-08-09	Mid-Flood	IS17	Sunny	Moderate	13:58	10.4	Bottom	3	2	28.9	7.9	20.7	5.9	5.2	5.2
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	11:20	12.4	Surface	1	1	29.9	8	16.6	6.7	5.2	5.5
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	11:20	12.4	Surface	1	2	29.9	7.9	16.9	6.6	5.3	5.5
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	11:20	12.4	Middle	2	1	28.6	7.9	20.7	5.2	6.1	6
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	11:20	12.4	Middle	2	2	28.6	7.8	21.1	5.2	6.2	5
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	11:20	12.4	Bottom	3	1	27.9	7.9	27.4	4.3	10.5	6.5
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	11:20	12.4	Bottom	3	2	27.9	7.8	28.4	4.1	10.5	7.1
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	10:36	7.2	Surface	1	1	29.8	8	15.2	6.3	5.8	5.1
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	10:36	7.2	Surface	1	2	29.8	7.9	15.4	6.3	5.5	5.2

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	2019-08-12	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	10:36	7.2	Middle	2	1	29.1	7.9	19.6	5.1	5.7	4.6
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	10:36	7.2	Middle	2	2	29.1	7.8	20	5	5.7	3.7
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	10:36	7.2	Bottom	3	1	28.7	7.9	23.3	4.5	6.5	4.5
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	10:36	7.2	Bottom	3	2	28.7	7.8	23.7	4.4	6.3	5.1
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	09:57	5.6	Surface	1	1	30	8.1	17.5	7	6.7	10.4
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	09:57	5.6	Surface	1	2	30	8	17.8	7	6.9	11.2
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	09:57	5.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	09:57	5.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	09:57	5.6	Bottom	3	1	29.7	8	19.1	6.4	3.7	7.8
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	09:57	5.6	Bottom	3	2	29.7	7.9	19.5	6.4	3.5	7.7
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	SR4a	Cloudy	Moderate	09:47	4.6	Surface	1	1	30.1	8.1	16.1	7.4	3.2	5.1
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	SR4a	Cloudy	Moderate	09:47	4.6	Surface	1	2	30.1	8	16.4	7.3	3.4	5.3
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	SR4a	Cloudy	Moderate	09:47	4.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	SR4a	Cloudy	Moderate	09:47	4.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	SR4a	Cloudy	Moderate	09:47	4.6	Bottom	3	1	30	8.1	16.9	6.8	6.3	6.2
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	SR4a	Cloudy	Moderate	09:47	4.6	Bottom	3	2	30	8	17.2	6.7	6.3	5.1
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	SR4(N2)	Cloudy	Moderate	09:42	4.2	Surface	1	1	30.2	8.1	16.5	7	11	6.6
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	SR4(N2)	Cloudy	Moderate	09:42	4.2	Surface	1	2	30.2	8	16.8	7	10.2	6.3
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	SR4(N2)	Cloudy	Moderate	09:42	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	SR4(N2)	Cloudy	Moderate	09:42	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	SR4(N2)	Cloudy	Moderate	09:42	4.2	Bottom	3	1	30.2	8.1	16.6	6.8	12.1	6.4
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	SR4(N2)	Cloudy	Moderate	09:42	4.2	Bottom	3	2	30.2	8	16.9	6.8	12.7	4.9
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	IS8(N)	Cloudy	Moderate	09:37	3.6	Surface	1	1	30.2	8.1	16.6	7.6	5.7	9.4
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	IS8(N)	Cloudy	Moderate	09:37	3.6	Surface	1	2	30.2	8.1	16.9	7.6	5.7	8.4
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	IS8(N)	Cloudy	Moderate	09:37	3.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	IS8(N)	Cloudy	Moderate	09:37	3.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	IS8(N)	Cloudy	Moderate	09:37	3.6	Bottom	3	1	30.2	8.1	16.6	7.6	5.3	6
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	IS8(N)	Cloudy	Moderate	09:37	3.6	Bottom	3	2	30.2	8.1	16.9	7.6	5.2	5.8
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	09:28	3.1	Surface	1	1	30.2	8.1	16.8	7.5	4.2	5.5
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	09:28	3.1	Surface	1	2	30.2	8.1	17.1	7.4	4.4	6.2
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	09:28	3.1	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	09:28	3.1	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	09:28	3.1	Bottom	3	1	30.2	8.1	16.7	7.5	6.9	3.8
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	09:28	3.1	Bottom	3	2	30.2	8.1	17.1	7.5	6.9	4.5
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	10:57	12.6	Surface	1	1	30.1	8	15	6.9	4.7	4.2
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	10:57	12.6	Surface	1	2	30.1	7.9	15.3	6.8	4.7	4.8
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	10:57	12.6	Middle	2	1	29.9	8	15.7	6.1	5.8	5.9
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	10:57	12.6	Middle	2	2	29.9	7.9	16	6.1	5.9	4.7
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	10:57	12.6	Bottom	3	1	28	7.9	27	3.9	8.4	5.1
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	10:57	12.6	Bottom	3	2	28	7.8	27.6	3.8	8.4	5.7
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	SR7	Cloudy	Moderate	11:03	4.6	Surface	1	1	30.1	8	15.1	7	4.4	3.5
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	SR7	Cloudy	Moderate	11:03	4.6	Surface	1	2	30.1	7.9	15.3	7	4.5	4.7
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	SR7	Cloudy	Moderate	11:03	4.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	SR7	Cloudy	Moderate	11:03	4.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	SR7	Cloudy	Moderate	11:03	4.6	Bottom	3	1	30	8	15.2	6.9	4.8	4.5
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	SR7	Cloudy	Moderate	11:03	4.6	Bottom	3	2	30	7.9	15.5	6.9	4.9	5
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	IS17	Cloudy	Moderate	10:03	7	Surface	1	1	29.9	8	16.6	6.7	4.2	6.2
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	IS17	Cloudy	Moderate	10:03	7	Surface	1	2	29.9	7.9	16.9	6.7	4.9	6.1
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	IS17	Cloudy	Moderate	10:03	7	Middle	2	1	29.6	8	16.9	6.6	3.3	5.5
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	IS17	Cloudy	Moderate	10:03	7	Middle	2	2	29.6	7.9	17.2	6.6	3.9	5.8
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	IS17	Cloudy	Moderate	10:03	7	Bottom	3	1	29.5	8	19.7	6.1	3.1	5.3
TMCLKL	HY/2012/08	2019-08-12	Mid-Ebb	IS17	Cloudy	Moderate	10:03	7	Bottom	3	2	29.5	7.9	19.9	6.1	3.5	6.7
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	CS(Mf)5	Cloudy	Moderate	03:10	11.9	Surface	1	1	30	8	15.8	7.2	3	3.9
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	CS(Mf)5	Cloudy	Moderate	03:10	11.9	Surface	1	2	30	8	16.1	7.1	2.7	4.7
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	CS(Mf)5	Cloudy	Moderate	03:10	11.9	Middle	2	1	29.2	8	20.1	5.9	3.1	4.8
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	CS(Mf)5	Cloudy	Moderate	03:10	11.9	Middle	2	2	29.2	7.9	20.4	5.9	3.1	5.1
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	CS(Mf)5	Cloudy	Moderate	03:10	11.9	Bottom	3	1	28	7.8	27.7	4.5	8.7	5.4
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	CS(Mf)5	Cloudy	Moderate	03:10	11.9	Bottom	3	2	28	7.8	28.3	4.5	8.4	4.5
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	04:03	6.5	Surface	1	1	29.9	8	14.7	6.7	5.7	6.1
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	04:03	6.5	Surface	1	2	29.9	7.9	14.9	6.6	5.6	4.3
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	04:03	6.5	Middle	2	1	29.9	8.1	15.2	6.7	7.1	5.5

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	2019-08-12	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	04:03	6.5	Middle	2	2	29.9	7.9	15.4	6.7	7.9	4.7
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	04:03	6.5	Bottom	3	1	29.9	8	16.1	6.5	11.4	3.9
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	04:03	6.5	Bottom	3	2	29.9	7.9	16.3	6.5	11.6	3.3
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	IS(Mf)16	Cloudy	Moderate	04:43	5.7	Surface	1	1	29.9	8.1	16.7	6.9	3.7	7.6
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	IS(Mf)16	Cloudy	Moderate	04:43	5.7	Surface	1	2	29.9	7.9	17	6.9	4.4	7
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	IS(Mf)16	Cloudy	Moderate	04:43	5.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	IS(Mf)16	Cloudy	Moderate	04:43	5.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	IS(Mf)16	Cloudy	Moderate	04:43	5.7	Bottom	3	1	29.8	8	17.6	6.5	3.4	7.7
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	IS(Mf)16	Cloudy	Moderate	04:43	5.7	Bottom	3	2	29.8	7.9	17.9	6.5	4.2	8.4
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	SR4a	Cloudy	Moderate	04:52	4.4	Surface	1	1	30.3	8.1	16.5	7.4	4.4	6.2
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	SR4a	Cloudy	Moderate	04:52	4.4	Surface	1	2	30.3	8	16.8	7.5	5.1	7.1
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	SR4a	Cloudy	Moderate	04:52	4.4	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	SR4a	Cloudy	Moderate	04:52	4.4	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	SR4a	Cloudy	Moderate	04:52	4.4	Bottom	3	1	30.3	8.1	16.8	7.4	5.3	7.6
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	SR4a	Cloudy	Moderate	04:52	4.4	Bottom	3	2	30.3	7.9	17.1	7.4	5.8	6.8
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	SR4(N2)	Cloudy	Moderate	04:57	4.2	Surface	1	1	30.1	8.1	16.3	7.2	4	7.7
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	SR4(N2)	Cloudy	Moderate	04:57	4.2	Surface	1	2	30.1	8	16.6	7.2	4	7.1
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	SR4(N2)	Cloudy	Moderate	04:57	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	SR4(N2)	Cloudy	Moderate	04:57	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	SR4(N2)	Cloudy	Moderate	04:57	4.2	Bottom	3	1	30.1	8.1	16.4	7.2	4.1	7.3
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	SR4(N2)	Cloudy	Moderate	04:57	4.2	Bottom	3	2	30.1	8	16.7	7.2	4.1	7.8
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	IS8(N)	Cloudy	Moderate	05:02	3.7	Surface	1	1	29.9	8.1	16	7	3.3	3.9
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	IS8(N)	Cloudy	Moderate	05:02	3.7	Surface	1	2	29.9	7.9	16.3	6.9	4.1	4.2
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	IS8(N)	Cloudy	Moderate	05:02	3.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	IS8(N)	Cloudy	Moderate	05:02	3.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	IS8(N)	Cloudy	Moderate	05:02	3.7	Bottom	3	1	29.9	8.1	16	7	11.4	7.4
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	IS8(N)	Cloudy	Moderate	05:02	3.7	Bottom	3	2	29.9	7.9	16.3	6.9	11.1	7.2
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	IS(Mf)9	Cloudy	Moderate	05:09	3.1	Surface	1	1	29.9	8.1	16.3	7	5.5	6.1
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	IS(Mf)9	Cloudy	Moderate	05:09	3.1	Surface	1	2	29.9	7.9	16.6	6.9	5.3	6.7
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	IS(Mf)9	Cloudy	Moderate	05:09	3.1	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	IS(Mf)9	Cloudy	Moderate	05:09	3.1	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	IS(Mf)9	Cloudy	Moderate	05:09	3.1	Bottom	3	1	29.9	8.1	16.4	7	6	5.4
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	IS(Mf)9	Cloudy	Moderate	05:09	3.1	Bottom	3	2	29.9	7.9	16.7	6.9	5.8	5.9
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	IS(Mf)11	Cloudy	Moderate	03:36	11.2	Surface	1	1	29.8	8	15	6.6	4.1	4.6
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	IS(Mf)11	Cloudy	Moderate	03:36	11.2	Surface	1	2	29.8	7.9	15.2	6.5	4.9	5.4
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	IS(Mf)11	Cloudy	Moderate	03:36	11.2	Middle	2	1	30	8.1	15.9	6.9	3.8	5.1
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	IS(Mf)11	Cloudy	Moderate	03:36	11.2	Middle	2	2	30	8	16.2	6.8	3.6	4.5
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	IS(Mf)11	Cloudy	Moderate	03:36	11.2	Bottom	3	1	28	7.9	22.7	4.3	7.4	4.9
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	IS(Mf)11	Cloudy	Moderate	03:36	11.2	Bottom	3	2	28	7.8	22.7	4.2	7.8	6.1
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	SR7	Cloudy	Moderate	03:30	4.6	Surface	1	1	29.9	8	14.6	6.6	3.9	6
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	SR7	Cloudy	Moderate	03:30	4.6	Surface	1	2	29.9	7.9	14.9	6.6	3.8	5.4
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	SR7	Cloudy	Moderate	03:30	4.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	SR7	Cloudy	Moderate	03:30	4.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	SR7	Cloudy	Moderate	03:30	4.6	Bottom	3	1	29.9	8	15.7	6.4	7.9	5
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	SR7	Cloudy	Moderate	03:30	4.6	Bottom	3	2	29.9	7.9	15.9	6.4	7.5	5.7
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	IS17	Cloudy	Moderate	04:36	7.5	Surface	1	1	30	8.1	16.3	7.1	3.5	7.5
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	IS17	Cloudy	Moderate	04:36	7.5	Surface	1	2	30	8	16.6	7.2	4.1	7.1
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	IS17	Cloudy	Moderate	04:36	7.5	Middle	2	1	30	8.1	16.3	7.1	3.2	7.9
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	IS17	Cloudy	Moderate	04:36	7.5	Middle	2	2	30	8	16.6	7.1	3.9	8.1
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	IS17	Cloudy	Moderate	04:36	7.5	Bottom	3	1	30	8.1	16.7	7.1	3	7.6
TMCLKL	HY/2012/08	2019-08-12	Mid-Flood	IS17	Cloudy	Moderate	04:36	7.5	Bottom	3	2	30	7.9	17	7	3.1	6.2
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	CS(Mf)5	Sunny	Moderate	12:46	14.5	Surface	1	1	30.1	8	18.4	6.1	3	4.2
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	CS(Mf)5	Sunny	Moderate	12:46	14.5	Surface	1	2	30	8	18.4	6.1	3	4.1
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	CS(Mf)5	Sunny	Moderate	12:46	14.5	Middle	2	1	29.3	7.9	21.1	5	4.5	4.5
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	CS(Mf)5	Sunny	Moderate	12:46	14.5	Middle	2	2	29.3	7.9	21.2	5	4.6	5.7
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	CS(Mf)5	Sunny	Moderate	12:46	14.5	Bottom	3	1	28	7.9	26.6	3.8	7.7	8.8
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	CS(Mf)5	Sunny	Moderate	12:46	14.5	Bottom	3	2	28	7.9	26.6	3.8	7.6	9.2
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	CS(Mf)3(N)	Sunny	Moderate	12:03	7.4	Surface	1	1	30.6	7.9	16.4	6.1	2.9	7
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	CS(Mf)3(N)	Sunny	Moderate	12:03	7.4	Surface	1	2	30.6	7.9	16.5	6.1	2.9	6.8
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	CS(Mf)3(N)	Sunny	Moderate	12:03	7.4	Middle	2	1	29.7	7.9	18.9	5.4	3.9	6.9
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	CS(Mf)3(N)	Sunny	Moderate	12:03	7.4	Middle	2	2	29.7	7.9	18.9	5.4	3.8	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	2019-08-14	Mid-Ebb	CS(Mf)3(N)	Sunny	Moderate	12:03	7.4	Bottom	3	1	29.6	7.9	19.7	5.3	4.5	10.5
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	CS(Mf)3(N)	Sunny	Moderate	12:03	7.4	Bottom	3	2	29.7	7.9	19.6	5.3	4.5	10.1
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	IS(Mf)16	Sunny	Moderate	11:16	5.1	Surface	1	1	30.1	8	18.5	6.2	4.8	5.1
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	IS(Mf)16	Sunny	Moderate	11:16	5.1	Surface	1	2	30.2	8	18.5	6.2	4.8	5.4
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	IS(Mf)16	Sunny	Moderate	11:16	5.1	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	IS(Mf)16	Sunny	Moderate	11:16	5.1	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	IS(Mf)16	Sunny	Moderate	11:16	5.1	Bottom	3	1	28.6	7.9	24.5	4.6	9.9	7.8
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	IS(Mf)16	Sunny	Moderate	11:16	5.1	Bottom	3	2	28.6	7.9	24.4	4.6	9.9	8.2
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	SR4a	Sunny	Moderate	11:05	3.9	Surface	1	1	30.4	8	17.4	6.4	3.2	6.6
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	SR4a	Sunny	Moderate	11:05	3.9	Surface	1	2	30.4	8	17.3	6.4	3.2	7.3
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	SR4a	Sunny	Moderate	11:05	3.9	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	SR4a	Sunny	Moderate	11:05	3.9	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	SR4a	Sunny	Moderate	11:05	3.9	Bottom	3	1	30	7.9	18.6	5.6	4.9	8.3
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	SR4a	Sunny	Moderate	11:05	3.9	Bottom	3	2	30	7.9	18.6	5.6	4.9	8.2
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	SR4(N2)	Sunny	Moderate	11:00	3.8	Surface	1	1	30.5	8	17.4	6.3	3.3	5.1
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	SR4(N2)	Sunny	Moderate	11:00	3.8	Surface	1	2	30.5	8	17.4	6.3	3.3	6.3
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	SR4(N2)	Sunny	Moderate	11:00	3.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	SR4(N2)	Sunny	Moderate	11:00	3.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	SR4(N2)	Sunny	Moderate	11:00	3.8	Bottom	3	1	30	7.9	18.8	5.6	8.2	7.2
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	SR4(N2)	Sunny	Moderate	11:00	3.8	Bottom	3	2	30	7.9	18.8	5.6	8.2	6.9
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	IS8(N)	Sunny	Moderate	10:55	4.3	Surface	1	1	30.4	8	18.2	6.1	9.9	4.3
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	IS8(N)	Sunny	Moderate	10:55	4.3	Surface	1	2	30.4	8	18.2	6.1	9.9	4.1
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	IS8(N)	Sunny	Moderate	10:55	4.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	IS8(N)	Sunny	Moderate	10:55	4.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	IS8(N)	Sunny	Moderate	10:55	4.3	Bottom	3	1	29.9	8	19	5.6	12.2	7.2
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	IS8(N)	Sunny	Moderate	10:55	4.3	Bottom	3	2	29.9	8	19	5.6	12.1	8.4
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	IS(Mf)9	Sunny	Moderate	10:48	4.4	Surface	1	1	30.6	8.1	17.7	6.6	3.3	7.5
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	IS(Mf)9	Sunny	Moderate	10:48	4.4	Surface	1	2	30.6	8.1	17.7	6.6	3.3	7.5
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	IS(Mf)9	Sunny	Moderate	10:48	4.4	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	IS(Mf)9	Sunny	Moderate	10:48	4.4	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	IS(Mf)9	Sunny	Moderate	10:48	4.4	Bottom	3	1	30.4	8.1	17.8	6.5	3.6	7.9
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	IS(Mf)9	Sunny	Moderate	10:48	4.4	Bottom	3	2	30.4	8.1	17.8	6.4	3.6	9
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	IS(Mf)11	Sunny	Moderate	11:31	11.2	Surface	1	1	30.2	8	16.9	6.3	2.7	4.6
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	IS(Mf)11	Sunny	Moderate	11:31	11.2	Surface	1	2	30.2	8	17	6.3	2.6	5.1
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	IS(Mf)11	Sunny	Moderate	11:31	11.2	Middle	2	1	29.7	7.9	18.4	5.6	3.3	7.2
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	IS(Mf)11	Sunny	Moderate	11:31	11.2	Middle	2	2	29.7	7.9	18.4	5.6	3.2	8.3
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	IS(Mf)11	Sunny	Moderate	11:31	11.2	Bottom	3	1	29.6	7.9	19	5.5	4.2	10.2
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	IS(Mf)11	Sunny	Moderate	11:31	11.2	Bottom	3	2	29.6	7.9	19	5.5	4.2	10.4
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	SR7	Sunny	Moderate	12:26	4	Surface	1	1	30.2	7.9	16.8	6.3	2.2	5.4
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	SR7	Sunny	Moderate	12:26	4	Surface	1	2	30.2	8	16.8	6.3	2.2	5.6
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	SR7	Sunny	Moderate	12:26	4	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	SR7	Sunny	Moderate	12:26	4	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	SR7	Sunny	Moderate	12:26	4	Bottom	3	1	29.8	7.9	18.7	5.7	3.6	5.8
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	SR7	Sunny	Moderate	12:26	4	Bottom	3	2	29.8	7.9	18.6	5.7	3.5	6.1
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	IS17	Sunny	Moderate	11:22	10.8	Surface	1	1	30.3	8	18.5	6.3	4.9	5
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	IS17	Sunny	Moderate	11:22	10.8	Surface	1	2	30.3	8	18.5	6.3	4.9	4.3
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	IS17	Sunny	Moderate	11:22	10.8	Middle	2	1	29.9	8	19.1	5.9	3.8	4.7
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	IS17	Sunny	Moderate	11:22	10.8	Middle	2	2	29.9	8	19	5.9	3.8	5.6
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	IS17	Sunny	Moderate	11:22	10.8	Bottom	3	1	28.5	7.9	25	4.4	6.8	7.7
TMCLKL	HY/2012/08	2019-08-14	Mid-Ebb	IS17	Sunny	Moderate	11:22	10.8	Bottom	3	2	28.5	7.9	25	4.4	6.8	7.9
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	CS(Mf)5	Rainy	Moderate	04:38	14.7	Surface	1	1	30.1	7.9	16.8	6.2	3.2	6.3
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	CS(Mf)5	Rainy	Moderate	04:38	14.7	Surface	1	2	30.1	7.9	16.8	6.2	3.2	7.3
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	CS(Mf)5	Rainy	Moderate	04:38	14.7	Middle	2	1	29.9	7.9	19.2	6	2	8.1
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	CS(Mf)5	Rainy	Moderate	04:38	14.7	Middle	2	2	29.9	7.9	19.2	6	2	7.5
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	CS(Mf)5	Rainy	Moderate	04:38	14.7	Bottom	3	1	28.5	7.9	25.3	4.7	2	9.7
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	CS(Mf)5	Rainy	Moderate	04:38	14.7	Bottom	3	2	28.5	7.9	25.3	4.7	2	8.3
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	05:56	7.1	Surface	1	1	29.9	7.9	16.6	6	4.2	4.3
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	05:56	7.1	Surface	1	2	29.9	7.9	16.6	6	4.2	5.1
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	05:56	7.1	Middle	2	1	29.9	7.9	17.1	5.9	4	6.6
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	05:56	7.1	Middle	2	2	29.9	7.9	17.1	5.9	4	6.1
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	05:56	7.1	Bottom	3	1	29.7	7.9	18.9	5.5	9.4	7.5



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	2019-08-14	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	05:56	7.1	Bottom	3	2	29.7	7.9	18.9	5.4	9.3	7.6
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	IS(Mf)16	Cloudy	Moderate	06:18	5.8	Surface	1	1	30	8	18	6.2	3.5	6.9
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	IS(Mf)16	Cloudy	Moderate	06:18	5.8	Surface	1	2	30	8	18.1	6.2	3.5	7.5
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	IS(Mf)16	Cloudy	Moderate	06:18	5.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	IS(Mf)16	Cloudy	Moderate	06:18	5.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	IS(Mf)16	Cloudy	Moderate	06:18	5.8	Bottom	3	1	30	8	18	6.2	3.6	8
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	IS(Mf)16	Cloudy	Moderate	06:18	5.8	Bottom	3	2	30	8	18	6.2	3.5	9
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	SR4a	Cloudy	Moderate	06:27	5.2	Surface	1	1	30.2	8	17.5	5.9	4.1	5.5
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	SR4a	Cloudy	Moderate	06:27	5.2	Surface	1	2	30.2	8	17.5	6	4.1	6
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	SR4a	Cloudy	Moderate	06:27	5.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	SR4a	Cloudy	Moderate	06:27	5.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	SR4a	Cloudy	Moderate	06:27	5.2	Bottom	3	1	29.9	7.9	18.7	5.3	7.1	6.2
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	SR4a	Cloudy	Moderate	06:27	5.2	Bottom	3	2	29.9	7.9	18.7	5.3	7.1	7.7
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	SR4(N2)	Cloudy	Moderate	06:32	4.7	Surface	1	1	30.1	8	17.2	6.1	3.5	6.4
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	SR4(N2)	Cloudy	Moderate	06:32	4.7	Surface	1	2	30.1	8	17.2	6.1	3.4	5.6
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	SR4(N2)	Cloudy	Moderate	06:32	4.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	SR4(N2)	Cloudy	Moderate	06:32	4.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	SR4(N2)	Cloudy	Moderate	06:32	4.7	Bottom	3	1	30	8	18	5.9	5.4	6
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	SR4(N2)	Cloudy	Moderate	06:32	4.7	Bottom	3	2	30	8	18	5.9	5.3	5.2
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	IS8(N)	Cloudy	Moderate	06:38	4.3	Surface	1	1	30	8	17.3	6.1	4.1	10
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	IS8(N)	Cloudy	Moderate	06:38	4.3	Surface	1	2	30	8	17.3	6.1	4.2	10.2
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	IS8(N)	Cloudy	Moderate	06:38	4.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	IS8(N)	Cloudy	Moderate	06:38	4.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	IS8(N)	Cloudy	Moderate	06:38	4.3	Bottom	3	1	30	8	17.5	6	5.3	17.1
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	IS8(N)	Cloudy	Moderate	06:38	4.3	Bottom	3	2	30	8	17.5	6	5.3	16.9
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	IS(Mf)9	Cloudy	Moderate	06:45	4.2	Surface	1	1	29.9	8	17.3	6.1	4.8	6.3
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	IS(Mf)9	Cloudy	Moderate	06:45	4.2	Surface	1	2	29.9	8	17.3	6.1	4.9	6.1
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	IS(Mf)9	Cloudy	Moderate	06:45	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	IS(Mf)9	Cloudy	Moderate	06:45	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	IS(Mf)9	Cloudy	Moderate	06:45	4.2	Bottom	3	1	29.9	8	17.8	6.1	6.9	11.9
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	IS(Mf)9	Cloudy	Moderate	06:45	4.2	Bottom	3	2	29.9	8	17.8	6.1	7	11.1
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	IS(Mf)11	Cloudy	Moderate	06:00	11.4	Surface	1	1	30.1	8	17.2	6.2	3.6	4.4
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	IS(Mf)11	Cloudy	Moderate	06:00	11.4	Surface	1	2	30.1	8	17.2	6.2	3.6	4.2
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	IS(Mf)11	Cloudy	Moderate	06:00	11.4	Middle	2	1	29.5	8	20.6	5.3	4.8	7.3
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	IS(Mf)11	Cloudy	Moderate	06:00	11.4	Middle	2	2	29.5	8	20.7	5.3	4.8	6.5
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	IS(Mf)11	Cloudy	Moderate	06:00	11.4	Bottom	3	1	28.7	7.9	24.5	4.6	15.7	8.4
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	IS(Mf)11	Cloudy	Moderate	06:00	11.4	Bottom	3	2	28.7	7.9	24.5	4.6	15.7	7.3
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	SR7	Cloudy	Moderate	04:58	4.3	Surface	1	1	30	7.9	17.1	5.9	3.6	5.8
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	SR7	Cloudy	Moderate	04:58	4.3	Surface	1	2	30	7.9	17.1	5.9	3.6	5.4
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	SR7	Cloudy	Moderate	04:58	4.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	SR7	Cloudy	Moderate	04:58	4.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	SR7	Cloudy	Moderate	04:58	4.3	Bottom	3	1	29.9	7.9	17.4	6	3.6	6.9
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	SR7	Cloudy	Moderate	04:58	4.3	Bottom	3	2	29.9	7.9	17.4	6	3.6	7.4
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	IS17	Rainy	Moderate	06:11	11.8	Surface	1	1	30	8	18	6.2	3.4	7.1
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	IS17	Rainy	Moderate	06:11	11.8	Surface	1	2	30	8	18	6.2	3.4	6.4
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	IS17	Rainy	Moderate	06:11	11.8	Middle	2	1	30	8	18.1	6.1	3.4	6.2
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	IS17	Rainy	Moderate	06:11	11.8	Middle	2	2	30	8	18.2	6.1	3.4	6.7
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	IS17	Rainy	Moderate	06:11	11.8	Bottom	3	1	29.8	8	18.9	5.9	3.1	8.1
TMCLKL	HY/2012/08	2019-08-14	Mid-Flood	IS17	Rainy	Moderate	06:11	11.8	Bottom	3	2	29.8	8	18.9	5.9	3.1	9.2
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	CS(Mf)5	Fine	Moderate	13:57	12.2	Surface	1	1	30	7.8	20.3	5.8	3.9	5.7
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	CS(Mf)5	Fine	Moderate	13:57	12.2	Surface	1	2	30	8	20	5.9	4	5.2
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	CS(Mf)5	Fine	Moderate	13:57	12.2	Middle	2	1	28.7	7.8	23.8	4.5	5.1	5
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	CS(Mf)5	Fine	Moderate	13:57	12.2	Middle	2	2	28.7	7.9	23.4	4.5	5.2	4.4
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	CS(Mf)5	Fine	Moderate	13:57	12.2	Bottom	3	1	27.3	7.8	28.8	3.4	11.6	4.1
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	CS(Mf)5	Fine	Moderate	13:57	12.2	Bottom	3	2	27.3	7.9	28.2	3.5	11.9	3.8
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	CS(Mf)3(N)	Fine	Moderate	13:10	7.1	Surface	1	1	30.1	7.8	19.4	5.6	2.3	3.4
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	CS(Mf)3(N)	Fine	Moderate	13:10	7.1	Surface	1	2	30.1	7.9	19	5.6	2.3	2.4
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	CS(Mf)3(N)	Fine	Moderate	13:10	7.1	Middle	2	1	29.1	7.8	23	4.4	6.7	3
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	CS(Mf)3(N)	Fine	Moderate	13:10	7.1	Middle	2	2	29.1	7.9	22.6	4.4	6.6	3.3
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	CS(Mf)3(N)	Fine	Moderate	13:10	7.1	Bottom	3	1	28.9	7.8	24	4.4	10	3.2
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	CS(Mf)3(N)	Fine	Moderate	13:10	7.1	Bottom	3	2	28.9	7.9	23.5	4.4	10.1	3.5

Project	Contract	Date	Tide	Stat	Weather	Sea Condition	Time	Water Depth	Level	Lev_Cod	Replicate	Temp(°C)	pH	Salinity(ppt)	DO(mg/L)	Turbidity(NTU)	SS(mg/L)
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	IS(Mf)16	Fine	Moderate	12:28	5.4	Surface	1	1	29.3	7.8	22	5.2	6.7	10.5
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	IS(Mf)16	Fine	Moderate	12:28	5.4	Surface	1	2	29.2	7.9	21.7	5.2	6.9	10.6
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	IS(Mf)16	Fine	Moderate	12:28	5.4	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	IS(Mf)16	Fine	Moderate	12:28	5.4	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	IS(Mf)16	Fine	Moderate	12:28	5.4	Bottom	3	1	28.7	7.8	23.9	4.7	7.5	6
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	IS(Mf)16	Fine	Moderate	12:28	5.4	Bottom	3	2	28.7	7.9	23.5	4.8	7.5	5.6
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	SR4a	Fine	Calm	12:15	4.5	Surface	1	1	30.1	7.9	19.8	6	2.6	4.4
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	SR4a	Fine	Calm	12:15	4.5	Surface	1	2	30.1	8	19.4	6	2.7	4.3
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	SR4a	Fine	Calm	12:15	4.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	SR4a	Fine	Calm	12:15	4.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	SR4a	Fine	Calm	12:15	4.5	Bottom	3	1	29.3	7.8	21.7	4.7	8.4	3
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	SR4a	Fine	Calm	12:15	4.5	Bottom	3	2	29.3	7.9	21.3	4.8	8.4	3.9
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	SR4(N2)	Fine	Calm	12:10	4	Surface	1	1	29.8	7.9	20	5.1	6.7	9.4
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	SR4(N2)	Fine	Calm	12:10	4	Surface	1	2	29.8	7.9	19.6	5.2	7.1	11.2
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	SR4(N2)	Fine	Calm	12:10	4	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	SR4(N2)	Fine	Calm	12:10	4	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	SR4(N2)	Fine	Calm	12:10	4	Bottom	3	1	29.5	7.8	21.1	4.7	9.3	10.9
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	SR4(N2)	Fine	Calm	12:10	4	Bottom	3	2	29.5	7.9	20.7	4.8	8.9	11.4
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	IS8(N)	Fine	Calm	12:22	3.7	Surface	1	1	30.2	7.9	20	6.1	6.7	6
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	IS8(N)	Fine	Calm	12:22	3.7	Surface	1	2	30.2	8	19.7	6.2	6.8	7
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	IS8(N)	Fine	Calm	12:22	3.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	IS8(N)	Fine	Calm	12:22	3.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	IS8(N)	Fine	Calm	12:22	3.7	Bottom	3	1	29.7	7.9	21.2	5.5	8.9	8.1
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	IS8(N)	Fine	Calm	12:22	3.7	Bottom	3	2	29.6	8	20.8	5.5	8.9	9
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	IS(Mf)9	Fine	Calm	11:59	3.2	Surface	1	1	30	7.9	20.2	5.7	6.2	8.4
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	IS(Mf)9	Fine	Calm	11:59	3.2	Surface	1	2	30	7.9	19.8	5.8	7	9.5
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	IS(Mf)9	Fine	Calm	11:59	3.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	IS(Mf)9	Fine	Calm	11:59	3.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	IS(Mf)9	Fine	Calm	11:59	3.2	Bottom	3	1	30	8	20.3	5.7	7.9	14.3
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	IS(Mf)9	Fine	Calm	11:59	3.2	Bottom	3	2	30	7.9	19.9	5.7	8	16
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	IS(Mf)11	Fine	Moderate	12:40	10.8	Surface	1	1	30.1	7.9	18.6	6.5	1.5	2.7
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	IS(Mf)11	Fine	Moderate	12:40	10.8	Surface	1	2	30.1	8	18.3	6.6	1.9	2.4
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	IS(Mf)11	Fine	Moderate	12:40	10.8	Middle	2	1	29.7	7.8	20.5	5.5	3.5	3.2
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	IS(Mf)11	Fine	Moderate	12:40	10.8	Middle	2	2	29.7	7.9	20.1	5.5	3.9	2.4
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	IS(Mf)11	Fine	Moderate	12:40	10.8	Bottom	3	1	29	7.8	23.2	4.6	6.5	3.2
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	IS(Mf)11	Fine	Moderate	12:40	10.8	Bottom	3	2	29	7.9	22.8	4.7	6.3	2.9
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	SR7	Fine	Moderate	13:33	4.2	Surface	1	1	29.7	7.8	20.1	5.6	3	4.1
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	SR7	Fine	Moderate	13:33	4.2	Surface	1	2	29.7	7.9	19.7	5.7	3.2	3.1
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	SR7	Fine	Moderate	13:33	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	SR7	Fine	Moderate	13:33	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	SR7	Fine	Moderate	13:33	4.2	Bottom	3	1	29.3	7.8	21.6	5.1	4.3	3.7
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	SR7	Fine	Moderate	13:33	4.2	Bottom	3	2	29.3	7.9	21.2	5.2	4.9	4.1
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	IS17	Fine	Moderate	13:41	9.7	Surface	1	1	30.1	7.9	19.6	6.2	2.5	3.4
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	IS17	Fine	Moderate	13:41	9.7	Surface	1	2	30	8	19.2	6.2	2.6	3.6
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	IS17	Fine	Moderate	13:41	9.7	Middle	2	1	29.6	7.8	21.2	5.6	3.1	4.4
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	IS17	Fine	Moderate	13:41	9.7	Middle	2	2	29.6	7.9	20.8	5.6	3.4	5.5
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	IS17	Fine	Moderate	13:41	9.7	Bottom	3	1	28.4	7.8	25	4.9	5.2	5.8
TMCLKL	HY/2012/08	2019-08-16	Mid-Ebb	IS17	Fine	Moderate	13:41	9.7	Bottom	3	2	28.4	7.9	24.6	5	5.1	5.2
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	CS(Mf)5	Cloudy	Moderate	06:11	12.5	Surface	1	1	29.7	7.8	18.4	5.6	2.3	3.5
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	CS(Mf)5	Cloudy	Moderate	06:11	12.5	Surface	1	2	29.7	7.9	18	5.7	2.6	3.8
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	CS(Mf)5	Cloudy	Moderate	06:11	12.5	Middle	2	1	29.3	7.8	21.2	5.1	2.5	3.7
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	CS(Mf)5	Cloudy	Moderate	06:11	12.5	Middle	2	2	29.3	7.9	20.9	5.1	2.7	3.8
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	CS(Mf)5	Cloudy	Moderate	06:11	12.5	Bottom	3	1	27	7.8	30.1	3.1	7.6	3.5
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	CS(Mf)5	Cloudy	Moderate	06:11	12.5	Bottom	3	2	27	7.8	29.5	3.2	8.3	4.3
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	07:00	7	Surface	1	1	29.7	7.9	17.7	5.7	2.7	9.4
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	07:00	7	Surface	1	2	29.7	7.8	18	5.6	2.5	8.1
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	07:00	7	Middle	2	1	29.6	7.9	19.4	5.3	5.9	6.8
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	07:00	7	Middle	2	2	29.6	7.8	19.8	5.2	6.7	7.2
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	07:00	7	Bottom	3	1	29.6	7.9	19.8	5.1	10.9	5.9
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	07:00	7	Bottom	3	2	29.6	7.8	20.2	5.1	11.4	6.8
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	IS(Mf)16	Fine	Moderate	07:52	5.8	Surface	1	1	29.5	7.8	19.8	5.6	2.9	6.1

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	2019-08-16	Mid-Flood	IS(Mf)16	Fine	Moderate	07:52	5.8	Surface	1	2	29.5	7.9	19.4	5.6	2.8	5.5
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	IS(Mf)16	Fine	Moderate	07:52	5.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	IS(Mf)16	Fine	Moderate	07:52	5.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	IS(Mf)16	Fine	Moderate	07:52	5.8	Bottom	3	1	29.2	7.8	21.8	4.8	7.1	6.1
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	IS(Mf)16	Fine	Moderate	07:52	5.8	Bottom	3	2	29.2	7.9	21.4	4.9	7.3	5.9
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	SR4a	Fine	Calm	08:02	4.4	Surface	1	1	29.7	7.8	19.4	5.5	3.1	6.3
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	SR4a	Fine	Calm	08:02	4.4	Surface	1	2	29.7	7.9	19.1	5.5	3.2	6.2
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	SR4a	Fine	Calm	08:02	4.4	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	SR4a	Fine	Calm	08:02	4.4	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	SR4a	Fine	Calm	08:02	4.4	Bottom	3	1	29.6	7.8	21.1	4.8	6.1	5.7
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	SR4a	Fine	Calm	08:02	4.4	Bottom	3	2	29.6	7.9	20.7	4.8	6	5.1
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	SR4(N2)	Fine	Calm	08:06	4.1	Surface	1	1	29.7	7.8	19.4	5.6	3.2	6.1
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	SR4(N2)	Fine	Calm	08:06	4.1	Surface	1	2	29.7	7.9	19	5.6	3.1	6.8
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	SR4(N2)	Fine	Calm	08:06	4.1	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	SR4(N2)	Fine	Calm	08:06	4.1	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	SR4(N2)	Fine	Calm	08:06	4.1	Bottom	3	1	29.7	7.8	19.5	5.5	3.4	6.9
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	SR4(N2)	Fine	Calm	08:06	4.1	Bottom	3	2	29.7	7.9	19.2	5.5	3.5	6.5
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	IS8(N)	Fine	Calm	08:12	3.9	Surface	1	1	29.7	7.8	19.4	5.5	4.3	4.8
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	IS8(N)	Fine	Calm	08:12	3.9	Surface	1	2	29.7	7.9	19.1	5.5	4.7	5.6
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	IS8(N)	Fine	Calm	08:12	3.9	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	IS8(N)	Fine	Calm	08:12	3.9	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	IS8(N)	Fine	Calm	08:12	3.9	Bottom	3	1	29.3	7.8	21.1	5.1	4.4	6.8
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	IS8(N)	Fine	Calm	08:12	3.9	Bottom	3	2	29.3	7.9	20.7	5.1	4.4	6.5
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	IS(Mf)9	Fine	Calm	08:21	3.5	Surface	1	1	29.6	7.8	19.7	5.6	3.2	6.1
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	IS(Mf)9	Fine	Calm	08:21	3.5	Surface	1	2	29.6	7.9	19.3	5.7	3.6	7.1
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	IS(Mf)9	Fine	Calm	08:21	3.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	IS(Mf)9	Fine	Calm	08:21	3.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	IS(Mf)9	Fine	Calm	08:21	3.5	Bottom	3	1	29.5	7.8	19.9	5.6	3.1	7.3
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	IS(Mf)9	Fine	Calm	08:21	3.5	Bottom	3	2	29.5	7.9	19.5	5.6	3.4	7.3
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	IS(Mf)11	Fine	Moderate	07:38	11.1	Surface	1	1	29.5	7.9	20.3	5.3	4.2	3.7
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	IS(Mf)11	Fine	Moderate	07:38	11.1	Surface	1	2	29.5	7.8	20.7	5.3	4.1	5.1
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	IS(Mf)11	Fine	Moderate	07:38	11.1	Middle	2	1	28.9	7.9	22.1	4.9	10.1	6.8
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	IS(Mf)11	Fine	Moderate	07:38	11.1	Middle	2	2	28.9	7.8	22.5	4.9	10.7	6.1
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	IS(Mf)11	Fine	Moderate	07:38	11.1	Bottom	3	1	28.6	7.9	23.8	4.7	15.3	6.9
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	IS(Mf)11	Fine	Moderate	07:38	11.1	Bottom	3	2	28.6	7.8	24.2	4.7	15	7.3
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	SR7	Fine	Moderate	06:34	4.4	Surface	1	1	29.6	7.9	18.2	5.6	2.2	4.8
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	SR7	Fine	Moderate	06:34	4.4	Surface	1	2	29.6	7.8	18.5	5.6	2.3	4.1
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	SR7	Fine	Moderate	06:34	4.4	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	SR7	Fine	Moderate	06:34	4.4	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	SR7	Fine	Moderate	06:34	4.4	Bottom	3	1	28.1	7.8	25.5	4.7	6.9	2.8
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	SR7	Fine	Moderate	06:34	4.4	Bottom	3	2	28.1	7.8	26	4.7	7.8	3.9
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	IS17	Fine	Moderate	07:44	10.4	Surface	1	1	29.4	7.8	20.5	5.4	2.4	5.5
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	IS17	Fine	Moderate	07:44	10.4	Surface	1	2	29.4	7.9	20.1	5.4	2.8	5.1
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	IS17	Fine	Moderate	07:44	10.4	Middle	2	1	29.4	7.8	20.7	5.3	2.5	6.1
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	IS17	Fine	Moderate	07:44	10.4	Middle	2	2	29.4	7.9	20.3	5.3	2.6	6.5
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	IS17	Fine	Moderate	07:44	10.4	Bottom	3	1	29.2	7.8	21.5	5	2.2	6.1
TMCLKL	HY/2012/08	2019-08-16	Mid-Flood	IS17	Fine	Moderate	07:44	10.4	Bottom	3	2	29.2	7.9	21.1	5	2.5	6.5
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	CS(Mf)5	Fine	Moderate	15:37	12.2	Surface	1	1	28.2	8	22.2	5	3.8	3.8
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	CS(Mf)5	Fine	Moderate	15:37	12.2	Surface	1	2	28.9	7.9	21.8	5	4.1	3.6
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	CS(Mf)5	Fine	Moderate	15:37	12.2	Middle	2	1	26.6	8	26.8	4.1	8.2	3.6
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	CS(Mf)5	Fine	Moderate	15:37	12.2	Middle	2	2	27.3	7.9	26.4	4.1	8	3.7
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	CS(Mf)5	Fine	Moderate	15:37	12.2	Bottom	3	1	25.8	8.1	30.1	3.8	14.4	4.7
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	CS(Mf)5	Fine	Moderate	15:37	12.2	Bottom	3	2	26.5	7.9	29.7	3.7	14.6	4.7
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	14:43	7	Surface	1	1	28.9	8	19.6	5.6	3	1.9
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	14:43	7	Surface	1	2	29.7	7.9	19.2	5.5	3.1	1.9
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	14:43	7	Middle	2	1	28	8	22.9	5.1	4.8	2.1
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	14:43	7	Middle	2	2	28.8	7.9	22.4	5.1	4.9	2.1
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	14:43	7	Bottom	3	1	27.5	8	24.5	4.9	6.5	2.4
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	14:43	7	Bottom	3	2	28.3	7.9	24	4.7	6.9	2.4
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	IS(Mf)16	Fine	Moderate	13:56	5.8	Surface	1	1	27.8	8.1	23.3	4.8	7.8	9.2
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	IS(Mf)16	Fine	Moderate	13:56	5.8	Surface	1	2	28.6	7.9	22.9	4.8	7.2	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	2019-08-19	Mid-Ebb	IS(Mf)16	Fine	Moderate	13:56	5.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	IS(Mf)16	Fine	Moderate	13:56	5.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	IS(Mf)16	Fine	Moderate	13:56	5.8	Bottom	3	1	26.2	8	28.5	4.4	5.2	8.5
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	IS(Mf)16	Fine	Moderate	13:56	5.8	Bottom	3	2	27	7.9	28.1	4.2	5.4	8.2
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	SR4a	Fine	Calm	13:47	4.8	Surface	1	1	27.8	8	22.9	4.6	8.6	8.9
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	SR4a	Fine	Calm	13:47	4.8	Surface	1	2	28.5	7.9	22.6	4.7	8.2	8.3
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	SR4a	Fine	Calm	13:47	4.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	SR4a	Fine	Calm	13:47	4.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	SR4a	Fine	Calm	13:47	4.8	Bottom	3	1	27.6	8	23.7	4.5	11.9	3.4
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	SR4a	Fine	Calm	13:47	4.8	Bottom	3	2	28.4	7.9	23.3	4.5	11.8	3.7
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	SR4(N2)	Fine	Calm	13:42	4.2	Surface	1	1	28	8	22.3	4.7	10	8.4
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	SR4(N2)	Fine	Calm	13:42	4.2	Surface	1	2	28.7	7.9	22	4.8	10	8.1
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	SR4(N2)	Fine	Calm	13:42	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	SR4(N2)	Fine	Calm	13:42	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	SR4(N2)	Fine	Calm	13:42	4.2	Bottom	3	1	27.8	8	22.8	4.6	11.7	9.7
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	SR4(N2)	Fine	Calm	13:42	4.2	Bottom	3	2	28.6	7.9	22.5	4.6	11.6	9.6
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	IS8(N)	Fine	Calm	13:36	3.8	Surface	1	1	27.9	8.1	22.9	5.1	10.6	14.4
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	IS8(N)	Fine	Calm	13:36	3.8	Surface	1	2	28.6	7.9	22.7	5.1	10.4	13.4
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	IS8(N)	Fine	Calm	13:36	3.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	IS8(N)	Fine	Calm	13:36	3.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	IS8(N)	Fine	Calm	13:36	3.8	Bottom	3	1	27.6	8.1	23.8	4.6	10.9	10.6
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	IS8(N)	Fine	Calm	13:36	3.8	Bottom	3	2	28.3	7.9	23.5	4.5	10.9	9.9
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	IS(Mf)9	Fine	Calm	13:30	3.2	Surface	1	1	28.7	8	21.4	5.6	3.9	8.1
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	IS(Mf)9	Fine	Calm	13:30	3.2	Surface	1	2	29.5	8	21.1	5.6	4.1	7.8
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	IS(Mf)9	Fine	Calm	13:30	3.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	IS(Mf)9	Fine	Calm	13:30	3.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	IS(Mf)9	Fine	Calm	13:30	3.2	Bottom	3	1	28.4	8	21.6	5.5	5.2	4.5
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	IS(Mf)9	Fine	Calm	13:30	3.2	Bottom	3	2	29.1	8	21.3	5.5	5.1	4
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	15:07	12.1	Surface	1	1	29.3	8.1	19.7	5.7	2.3	2.4
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	15:07	12.1	Surface	1	2	30.1	7.9	19.4	5.6	2.4	2.7
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	15:07	12.1	Middle	2	1	28.6	8.1	20.5	5.2	3.3	1.6
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	15:07	12.1	Middle	2	2	29.4	7.9	20.1	5.2	3.4	1.5
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	15:07	12.1	Bottom	3	1	26.3	8.1	28.6	4.2	6.4	1.5
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	15:07	12.1	Bottom	3	2	27.1	7.9	28	4.1	6.9	1.3
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	SR7	Cloudy	Moderate	15:16	5	Surface	1	1	28.5	8.1	20.9	5.4	2.9	1.9
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	SR7	Cloudy	Moderate	15:16	5	Surface	1	2	29.3	7.9	20.5	5.4	3	1.6
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	SR7	Cloudy	Moderate	15:16	5	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	SR7	Cloudy	Moderate	15:16	5	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	SR7	Cloudy	Moderate	15:16	5	Bottom	3	1	28.2	8.1	21.5	5.4	4	2.4
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	SR7	Cloudy	Moderate	15:16	5	Bottom	3	2	29	7.9	21.2	5.3	4	2.9
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	IS17	Fine	Moderate	14:03	7.2	Surface	1	1	28.8	8	20.2	5.3	3.8	2.7
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	IS17	Fine	Moderate	14:03	7.2	Surface	1	2	29.6	7.9	20	5.3	3.9	3.1
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	IS17	Fine	Moderate	14:03	7.2	Middle	2	1	27.8	8	22.4	5	6.2	4.7
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	IS17	Fine	Moderate	14:03	7.2	Middle	2	2	28.4	7.9	22.3	4.9	6.5	4.2
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	IS17	Fine	Moderate	14:03	7.2	Bottom	3	1	27	8.1	26.8	4.2	8.9	7.6
TMCLKL	HY/2012/08	2019-08-19	Mid-Ebb	IS17	Fine	Moderate	14:03	7.2	Bottom	3	2	27.9	7.9	26.6	4.1	8.3	7.8
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	CS(Mf)5	Cloudy	Moderate	07:56	12.4	Surface	1	1	28.8	7.8	20.1	5	3.3	3.1
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	CS(Mf)5	Cloudy	Moderate	07:56	12.4	Surface	1	2	28	8	20.4	5	3.3	2.7
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	CS(Mf)5	Cloudy	Moderate	07:56	12.4	Middle	2	1	27.6	7.8	25.7	4.2	4.9	3.6
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	CS(Mf)5	Cloudy	Moderate	07:56	12.4	Middle	2	2	26.8	8	26.2	4.2	4.9	3.7
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	CS(Mf)5	Cloudy	Moderate	07:56	12.4	Bottom	3	1	26.7	7.8	29.5	3.7	11.5	4.1
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	CS(Mf)5	Cloudy	Moderate	07:56	12.4	Bottom	3	2	25.9	8	29.9	3.8	11.5	4.1
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	08:44	6.6	Surface	1	1	28.4	8	17	5.5	3.7	5.5
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	08:44	6.6	Surface	1	2	29.2	7.9	16.7	5.5	3.7	5.2
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	08:44	6.6	Middle	2	1	28.2	8	19.2	5.4	4.6	4.2
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	08:44	6.6	Middle	2	2	29	7.8	18.9	5.3	4.7	4.7
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	08:44	6.6	Bottom	3	1	28.2	8	19.4	5.4	4.6	4.4
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	08:44	6.6	Bottom	3	2	29	7.9	19.1	5.3	4.7	4.4
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	IS(Mf)16	Cloudy	Moderate	09:28	5.3	Surface	1	1	28	8.1	21.6	5.2	4.5	2.6
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	IS(Mf)16	Cloudy	Moderate	09:28	5.3	Surface	1	2	28.7	7.9	21.3	5.2	4.9	2.7
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	IS(Mf)16	Cloudy	Moderate	09:28	5.3	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	2019-08-19	Mid-Flood	IS(Mf)16	Cloudy	Moderate	09:28	5.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	IS(Mf)16	Cloudy	Moderate	09:28	5.3	Bottom	3	1	27.8	8.1	22.2	5.3	7.4	4.4
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	IS(Mf)16	Cloudy	Moderate	09:28	5.3	Bottom	3	2	28.6	8	21.8	5.1	7.3	4.8
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	SR4a	Cloudy	Moderate	09:37	4.7	Surface	1	1	28	8.1	21.2	5.2	4.7	5.2
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	SR4a	Cloudy	Moderate	09:37	4.7	Surface	1	2	28.7	7.9	20.9	5.2	4.8	4.8
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	SR4a	Cloudy	Moderate	09:37	4.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	SR4a	Cloudy	Moderate	09:37	4.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	SR4a	Cloudy	Moderate	09:37	4.7	Bottom	3	1	27.9	8.1	21.9	4.9	8.2	5.8
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	SR4a	Cloudy	Moderate	09:37	4.7	Bottom	3	2	28.6	8	21.6	4.9	8.8	5.8
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	SR4(N2)	Cloudy	Moderate	09:42	4.1	Surface	1	1	28	8.1	21.1	5.4	4.4	8.6
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	SR4(N2)	Cloudy	Moderate	09:42	4.1	Surface	1	2	28.8	7.9	20.7	5.3	4.4	8.7
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	SR4(N2)	Cloudy	Moderate	09:42	4.1	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	SR4(N2)	Cloudy	Moderate	09:42	4.1	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	SR4(N2)	Cloudy	Moderate	09:42	4.1	Bottom	3	1	28	8.1	21.2	5.5	5.9	4.3
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	SR4(N2)	Cloudy	Moderate	09:42	4.1	Bottom	3	2	28.7	7.9	20.8	5.5	5	4.8
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	IS8(N)	Cloudy	Moderate	09:49	4.3	Surface	1	1	28	8.1	21.1	5.2	5.3	5
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	IS8(N)	Cloudy	Moderate	09:49	4.3	Surface	1	2	28.8	7.9	20.7	5.1	5.9	4.7
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	IS8(N)	Cloudy	Moderate	09:49	4.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	IS8(N)	Cloudy	Moderate	09:49	4.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	IS8(N)	Cloudy	Moderate	09:49	4.3	Bottom	3	1	27.8	8.1	22	5.1	8.5	7.4
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	IS8(N)	Cloudy	Moderate	09:49	4.3	Bottom	3	2	28.6	7.9	21.6	5	8.2	7.2
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	IS(Mf)9	Cloudy	Moderate	09:56	3.3	Surface	1	1	28.1	8.1	21.3	5.4	4.4	5.5
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	IS(Mf)9	Cloudy	Moderate	09:56	3.3	Surface	1	2	28.9	7.9	20.9	5.4	4.7	5.3
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	IS(Mf)9	Cloudy	Moderate	09:56	3.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	IS(Mf)9	Cloudy	Moderate	09:56	3.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	IS(Mf)9	Cloudy	Moderate	09:56	3.3	Bottom	3	1	28	8.1	21.6	5.5	8	5.7
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	IS(Mf)9	Cloudy	Moderate	09:56	3.3	Bottom	3	2	28.7	7.9	21.3	5.5	8.1	5.4
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	IS(Mf)11	Cloudy	Moderate	08:20	11.7	Surface	1	1	28.7	7.9	20.5	5.1	4.5	4.9
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	IS(Mf)11	Cloudy	Moderate	08:20	11.7	Surface	1	2	28.7	7.9	20.5	5.1	4.5	4.9
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	IS(Mf)11	Cloudy	Moderate	08:20	11.7	Middle	2	1	28	7.9	24.6	4.3	13.5	4.9
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	IS(Mf)11	Cloudy	Moderate	08:20	11.7	Middle	2	2	28	7.9	24.6	4.3	13.5	4.9
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	IS(Mf)11	Cloudy	Moderate	08:20	11.7	Bottom	3	1	27.9	7.9	24.9	4.3	13.2	4.3
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	IS(Mf)11	Cloudy	Moderate	08:20	11.7	Bottom	3	2	27.9	7.9	24.9	4.3	13.2	4.2
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	SR7	Cloudy	Moderate	08:13	4.3	Surface	1	1	28.6	7.9	19.8	5.2	5.3	4.8
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	SR7	Cloudy	Moderate	08:13	4.3	Surface	1	2	27.8	8	20.2	5.1	5	4.1
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	SR7	Cloudy	Moderate	08:13	4.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	SR7	Cloudy	Moderate	08:13	4.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	SR7	Cloudy	Moderate	08:13	4.3	Bottom	3	1	28.2	7.9	23	4.6	8.5	5.7
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	SR7	Cloudy	Moderate	08:13	4.3	Bottom	3	2	27.4	8	23.5	4.7	8.9	5.7
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	IS17	Cloudy	Moderate	09:21	7.6	Surface	1	1	28	8.1	21.7	5.2	3.6	3.2
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	IS17	Cloudy	Moderate	09:21	7.6	Surface	1	2	28.7	7.9	21.3	5.1	3.6	3.5
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	IS17	Cloudy	Moderate	09:21	7.6	Middle	2	1	27.7	8.1	22.7	4.9	3.5	4.2
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	IS17	Cloudy	Moderate	09:21	7.6	Middle	2	2	28.4	7.9	22.6	4.8	3.7	4.6
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	IS17	Cloudy	Moderate	09:21	7.6	Bottom	3	1	27.4	8.1	23.8	4.9	3.5	5.1
TMCLKL	HY/2012/08	2019-08-19	Mid-Flood	IS17	Cloudy	Moderate	09:21	7.6	Bottom	3	2	28.2	7.9	23.4	4.8	3.5	5.3
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	CS(Mf)5	Fine	Moderate	16:28	16.7	Surface	1	1	29.4	8	21.7	5.5	1.6	8.8
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	CS(Mf)5	Fine	Moderate	16:28	16.7	Surface	1	2	29.4	8	21.7	5.5	1.3	8.1
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	CS(Mf)5	Fine	Moderate	16:28	16.7	Middle	2	1	28.7	8	23.1	5.2	1.4	6.2
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	CS(Mf)5	Fine	Moderate	16:28	16.7	Middle	2	2	28.7	8	23.1	5.2	1.6	6.7
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	CS(Mf)5	Fine	Moderate	16:28	16.7	Bottom	3	1	28.6	8	23.5	5.3	2.9	4.6
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	CS(Mf)5	Fine	Moderate	16:28	16.7	Bottom	3	2	28.6	8	23.5	5.3	2.9	4.2
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	CS(Mf)3(N)	Sunny	Rough	15:44	7.5	Surface	1	1	29.6	8	21	5.6	3.5	9.9
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	CS(Mf)3(N)	Sunny	Rough	15:44	7.5	Surface	1	2	29.6	8	21	5.6	3.5	9.4
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	CS(Mf)3(N)	Sunny	Rough	15:44	7.5	Middle	2	1	28.7	8	23	5.2	3.2	9.6
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	CS(Mf)3(N)	Sunny	Rough	15:44	7.5	Middle	2	2	28.7	8	23.1	5.2	3.2	10.4
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	CS(Mf)3(N)	Sunny	Rough	15:44	7.5	Bottom	3	1	28.6	8	23.6	5.3	4.8	13.7
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	CS(Mf)3(N)	Sunny	Rough	15:44	7.5	Bottom	3	2	28.6	8	23.5	5.3	4.8	12.9
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	IS(Mf)16	Fine	Moderate	14:58	5.5	Surface	1	1	28.5	8	24.2	5.3	1.5	12
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	IS(Mf)16	Fine	Moderate	14:58	5.5	Surface	1	2	28.5	8	24.2	5.3	1.5	11.8
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	IS(Mf)16	Fine	Moderate	14:58	5.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	IS(Mf)16	Fine	Moderate	14:58	5.5	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	2019-08-21	Mid-Ebb	IS(Mf)16	Fine	Moderate	14:58	5.5	Bottom	3	1	28.1	8	24.7	5.6	3	14.9
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	IS(Mf)16	Fine	Moderate	14:58	5.5	Bottom	3	2	28.1	8	24.7	5.6	2.9	14.7
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	SR4a	Fine	Moderate	14:49	5.2	Surface	1	1	29.1	8	23.1	5.8	1.5	17.1
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	SR4a	Fine	Moderate	14:49	5.2	Surface	1	2	29.1	8	23.1	5.8	1.5	17.8
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	SR4a	Fine	Moderate	14:49	5.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	SR4a	Fine	Moderate	14:49	5.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	SR4a	Fine	Moderate	14:49	5.2	Bottom	3	1	28.2	7.9	24.4	4.7	4.1	9.6
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	SR4a	Fine	Moderate	14:49	5.2	Bottom	3	2	28.2	7.9	24.4	4.7	4.2	9.1
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	SR4(N2)	Fine	Moderate	14:45	4.9	Surface	1	1	29.4	7.9	22.7	5.7	2.9	6.1
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	SR4(N2)	Fine	Moderate	14:45	4.9	Surface	1	2	29.4	7.9	22.7	5.7	2.9	5.5
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	SR4(N2)	Fine	Moderate	14:45	4.9	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	SR4(N2)	Fine	Moderate	14:45	4.9	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	SR4(N2)	Fine	Moderate	14:45	4.9	Bottom	3	1	28.2	7.9	24.3	4.7	4.2	9.4
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	SR4(N2)	Fine	Moderate	14:45	4.9	Bottom	3	2	28.2	7.9	24.3	4.7	4.2	9.8
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	IS8(N)	Fine	Moderate	14:39	4.7	Surface	1	1	29.1	7.9	23.2	5.5	4.3	11.7
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	IS8(N)	Fine	Moderate	14:39	4.7	Surface	1	2	29.1	7.9	23.2	5.6	4.2	11.3
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	IS8(N)	Fine	Moderate	14:39	4.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	IS8(N)	Fine	Moderate	14:39	4.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	IS8(N)	Fine	Moderate	14:39	4.7	Bottom	3	1	28.9	7.9	23.5	5.4	5.8	8.9
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	IS8(N)	Fine	Moderate	14:39	4.7	Bottom	3	2	28.9	7.9	23.5	5.4	5.8	9.1
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	IS(Mf)9	Fine	Moderate	14:33	4.4	Surface	1	1	29.3	8.1	23	6	2.3	9.6
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	IS(Mf)9	Fine	Moderate	14:33	4.4	Surface	1	2	29.3	8.1	23	6	2.4	8.9
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	IS(Mf)9	Fine	Moderate	14:33	4.4	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	IS(Mf)9	Fine	Moderate	14:33	4.4	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	IS(Mf)9	Fine	Moderate	14:33	4.4	Bottom	3	1	28.9	8.2	23.3	5.8	1.8	9.8
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	IS(Mf)9	Fine	Moderate	14:33	4.4	Bottom	3	2	28.9	8.1	23.3	5.7	1.9	8.5
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	IS(Mf)11	Fine	Moderate	15:12	12.1	Surface	1	1	29.9	8	20.7	5.6	1.2	4.4
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	IS(Mf)11	Fine	Moderate	15:12	12.1	Surface	1	2	29.9	8	20.7	5.6	1.2	4.7
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	IS(Mf)11	Fine	Moderate	15:12	12.1	Middle	2	1	28.7	7.9	23.3	5	2.8	5.5
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	IS(Mf)11	Fine	Moderate	15:12	12.1	Middle	2	2	28.7	7.9	23.3	5	2.8	5.6
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	IS(Mf)11	Fine	Moderate	15:12	12.1	Bottom	3	1	27.7	7.9	25.6	4.7	3.2	9.2
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	IS(Mf)11	Fine	Moderate	15:12	12.1	Bottom	3	2	27.7	7.9	25.6	4.7	3.2	9.8
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	SR7	Fine	Moderate	16:08	4.2	Surface	1	1	29.2	8.1	22	5.4	1.3	4.8
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	SR7	Fine	Moderate	16:08	4.2	Surface	1	2	29.2	8.1	22	5.4	1.3	4.9
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	SR7	Fine	Moderate	16:08	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	SR7	Fine	Moderate	16:08	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	SR7	Fine	Moderate	16:08	4.2	Bottom	3	1	28.4	8.1	23.8	5.4	2.8	5.6
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	SR7	Fine	Moderate	16:08	4.2	Bottom	3	2	28.4	8.1	23.8	5.3	2.8	6.2
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	IS17	Fine	Moderate	15:04	11.3	Surface	1	1	28.9	8	23.8	5.2	2.9	10.5
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	IS17	Fine	Moderate	15:04	11.3	Surface	1	2	28.9	8	23.7	5.2	2.8	9.7
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	IS17	Fine	Moderate	15:04	11.3	Middle	2	1	28	8	25.4	4.5	4.7	11.8
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	IS17	Fine	Moderate	15:04	11.3	Middle	2	2	28	8	25.4	4.5	4.7	11
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	IS17	Fine	Moderate	15:04	11.3	Bottom	3	1	27.1	7.9	27.1	4.5	5.9	13.3
TMCLKL	HY/2012/08	2019-08-21	Mid-Ebb	IS17	Fine	Moderate	15:04	11.3	Bottom	3	2	27.1	7.9	27.2	4.5	6	12.7
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	CS(Mf)5	Sunny	Moderate	09:19	15	Surface	1	1	28.4	8	23.2	4.9	1.1	3.6
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	CS(Mf)5	Sunny	Moderate	09:19	15	Surface	1	2	28.4	8	23.2	4.9	1.1	3.4
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	CS(Mf)5	Sunny	Moderate	09:19	15	Middle	2	1	27.9	8	24.6	4.6	1.3	5.9
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	CS(Mf)5	Sunny	Moderate	09:19	15	Middle	2	2	27.9	8	24.6	4.6	1.3	6.2
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	CS(Mf)5	Sunny	Moderate	09:19	15	Bottom	3	1	27.4	8	25.9	4.6	2.1	8.3
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	CS(Mf)5	Sunny	Moderate	09:19	15	Bottom	3	2	27.4	8	25.9	4.6	2.1	7.6
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	CS(Mf)3(N)	Sunny	Rough	10:07	7.1	Surface	1	1	29.2	8	20.5	5.1	1.6	2.6
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	CS(Mf)3(N)	Sunny	Rough	10:07	7.1	Surface	1	2	29.2	8	20.5	5.1	1.5	2.2
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	CS(Mf)3(N)	Sunny	Rough	10:07	7.1	Middle	2	1	28.5	8	22.6	4.9	4.3	3.7
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	CS(Mf)3(N)	Sunny	Rough	10:07	7.1	Middle	2	2	28.5	8	22.6	4.9	4.3	3.7
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	CS(Mf)3(N)	Sunny	Rough	10:07	7.1	Bottom	3	1	28.5	8	22.7	5	4.4	4.1
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	CS(Mf)3(N)	Sunny	Rough	10:07	7.1	Bottom	3	2	28.5	8	22.7	5	4.4	3.9
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	IS(Mf)16	Sunny	Moderate	10:54	5.8	Surface	1	1	28.5	8	23.2	5.1	2.1	13.1
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	IS(Mf)16	Sunny	Moderate	10:54	5.8	Surface	1	2	28.5	8	23.2	5.1	2.1	12.6
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	IS(Mf)16	Sunny	Moderate	10:54	5.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	IS(Mf)16	Sunny	Moderate	10:54	5.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	IS(Mf)16	Sunny	Moderate	10:54	5.8	Bottom	3	1	28	8	24	4.8	4.3	7.6

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	2019-08-21	Mid-Flood	IS(Mf)16	Sunny	Moderate	10:54	5.8	Bottom	3	2	28	8	24.1	4.8	4.3	7.7
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	SR4a	Sunny	Moderate	11:04	4.8	Surface	1	1	29	8	22.6	5.2	1.2	4.7
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	SR4a	Sunny	Moderate	11:04	4.8	Surface	1	2	29	8	22.6	5.2	1.2	4.7
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	SR4a	Sunny	Moderate	11:04	4.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	SR4a	Sunny	Moderate	11:04	4.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	SR4a	Sunny	Moderate	11:04	4.8	Bottom	3	1	28.4	8	23.4	4.7	2.7	4.8
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	SR4a	Sunny	Moderate	11:04	4.8	Bottom	3	2	28.4	8	23.4	4.7	2.7	4.6
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	SR4(N2)	Sunny	Moderate	11:08	4.3	Surface	1	1	29.4	8	22.6	5.4	2.6	4
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	SR4(N2)	Sunny	Moderate	11:08	4.3	Surface	1	2	29.4	8	22.6	5.4	2.5	4.5
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	SR4(N2)	Sunny	Moderate	11:08	4.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	SR4(N2)	Sunny	Moderate	11:08	4.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	SR4(N2)	Sunny	Moderate	11:08	4.3	Bottom	3	1	28.4	8	23.5	4.8	3.6	6.7
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	SR4(N2)	Sunny	Moderate	11:08	4.3	Bottom	3	2	28.4	8	23.5	4.8	3.5	7.5
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	IS8(N)	Sunny	Moderate	11:13	4.3	Surface	1	1	29.1	8	22.8	5.1	2.8	5.4
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	IS8(N)	Sunny	Moderate	11:13	4.3	Surface	1	2	29.1	8	22.8	5.1	2.8	5.1
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	IS8(N)	Sunny	Moderate	11:13	4.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	IS8(N)	Sunny	Moderate	11:13	4.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	IS8(N)	Sunny	Moderate	11:13	4.3	Bottom	3	1	28.2	8	23.7	5.2	4.2	4.1
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	IS8(N)	Sunny	Moderate	11:13	4.3	Bottom	3	2	28.2	8	23.7	5.2	4.2	3.5
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	IS(Mf)9	Sunny	Moderate	11:20	3.8	Surface	1	1	28.4	8.1	23.1	5.3	1.7	5.7
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	IS(Mf)9	Sunny	Moderate	11:20	3.8	Surface	1	2	28.4	8.1	23.1	5.3	1.7	5.8
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	IS(Mf)9	Sunny	Moderate	11:20	3.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	IS(Mf)9	Sunny	Moderate	11:20	3.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	IS(Mf)9	Sunny	Moderate	11:20	3.8	Bottom	3	1	28.4	8.1	23.2	5.4	2.1	7.1
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	IS(Mf)9	Sunny	Moderate	11:20	3.8	Bottom	3	2	28.4	8.1	23.3	5.4	2.1	7.8
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	IS(Mf)11	Sunny	Moderate	10:40	11.4	Surface	1	1	28.3	8.1	23.6	4.8	2	4.6
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	IS(Mf)11	Sunny	Moderate	10:40	11.4	Surface	1	2	28.3	8.1	23.6	4.8	2	4.1
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	IS(Mf)11	Sunny	Moderate	10:40	11.4	Middle	2	1	27.7	8.2	25	4.4	4.1	5.7
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	IS(Mf)11	Sunny	Moderate	10:40	11.4	Middle	2	2	27.7	8.2	25	4.4	4.1	5.4
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	IS(Mf)11	Sunny	Moderate	10:40	11.4	Bottom	3	1	27.6	8.3	25.3	5	4.5	9.2
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	IS(Mf)11	Sunny	Moderate	10:40	11.4	Bottom	3	2	27.7	8.2	25.1	5	4.4	8.5
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	SR7	Sunny	Moderate	09:39	4	Surface	1	1	28.7	8	21.9	5.3	2.3	6.2
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	SR7	Sunny	Moderate	09:39	4	Surface	1	2	28.7	8	21.9	5.3	2.3	6.3
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	SR7	Sunny	Moderate	09:39	4	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	SR7	Sunny	Moderate	09:39	4	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	SR7	Sunny	Moderate	09:39	4	Bottom	3	1	27.5	8.1	25.9	4.3	4.2	10.1
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	SR7	Sunny	Moderate	09:39	4	Bottom	3	2	27.5	8.1	25.9	4.3	4.2	9.3
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	IS17	Sunny	Moderate	10:47	11.5	Surface	1	1	28	8.1	24.3	4.8	3.6	7.6
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	IS17	Sunny	Moderate	10:47	11.5	Surface	1	2	28	8.1	24.3	4.8	3.6	7.9
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	IS17	Sunny	Moderate	10:47	11.5	Middle	2	1	28	8.1	24.3	4.8	3.2	10.9
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	IS17	Sunny	Moderate	10:47	11.5	Middle	2	2	28	8.1	24.3	4.8	3.2	10.6
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	IS17	Sunny	Moderate	10:47	11.5	Bottom	3	1	28	8.1	24.4	5	3	14
TMCLKL	HY/2012/08	2019-08-21	Mid-Flood	IS17	Sunny	Moderate	10:47	11.5	Bottom	3	2	28	8.1	24.4	5	3.1	13
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	17:57	14.2	Surface	1	1	29	8.4	20.1	7.1	1.5	5.6
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	17:57	14.2	Surface	1	2	29	8.4	20.1	7.1	1.5	5.5
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	17:57	14.2	Middle	2	1	27.8	8.4	23.5	6.1	1.3	4.5
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	17:57	14.2	Middle	2	2	27.9	8.4	23.4	6.1	1.3	4.2
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	17:57	14.2	Bottom	3	1	27.1	8.4	26.5	5.7	1.7	3.4
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	17:57	14.2	Bottom	3	2	27.1	8.4	26.5	5.7	1.6	3.9
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	17:12	7.2	Surface	1	1	29.4	8.4	16.4	6.3	3.2	6.5
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	17:12	7.2	Surface	1	2	29.4	8.4	16.3	6.3	3.2	6.1
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	17:12	7.2	Middle	2	1	27.4	8.4	25.6	4.1	4.2	7.8
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	17:12	7.2	Middle	2	2	27.4	8.4	25.4	4.1	4.1	7.6
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	17:12	7.2	Bottom	3	1	27.2	8.4	26.5	4.1	5.5	9.3
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	17:12	7.2	Bottom	3	2	27.2	8.4	26.5	4.1	5.5	9.8
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	16:28	4.8	Surface	1	1	28.4	8.5	23.5	5.9	8.7	10.4
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	16:28	4.8	Surface	1	2	28.4	8.5	23.4	5.9	8.7	10
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	16:28	4.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	16:28	4.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	16:28	4.8	Bottom	3	1	28.1	8.5	24	5.4	9.1	15.2
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	16:28	4.8	Bottom	3	2	28	8.5	24.1	5.3	9.1	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	2019-08-23	Mid-Ebb	SR4a	Cloudy	Moderate	16:18	4.3	Surface	1	1	29.3	8.5	20.3	7.3	2.1	6.3
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	SR4a	Cloudy	Moderate	16:18	4.3	Surface	1	2	29.3	8.5	20.3	7.3	2.2	6.2
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	SR4a	Cloudy	Moderate	16:18	4.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	SR4a	Cloudy	Moderate	16:18	4.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	SR4a	Cloudy	Moderate	16:18	4.3	Bottom	3	1	28.3	8.4	23.1	5.5	4.4	11.1
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	SR4a	Cloudy	Moderate	16:18	4.3	Bottom	3	2	28.3	8.4	23.2	5.5	4.4	11.3
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	SR4(N2)	Cloudy	Moderate	16:15	3.9	Surface	1	1	29	8.5	21.6	6.3	5.2	7.9
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	SR4(N2)	Cloudy	Moderate	16:15	3.9	Surface	1	2	29	8.5	21.7	6.3	5.2	8.5
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	SR4(N2)	Cloudy	Moderate	16:15	3.9	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	SR4(N2)	Cloudy	Moderate	16:15	3.9	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	SR4(N2)	Cloudy	Moderate	16:15	3.9	Bottom	3	1	28.2	8.4	23.5	5.2	9.3	17
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	SR4(N2)	Cloudy	Moderate	16:15	3.9	Bottom	3	2	28.2	8.4	23.5	5.2	9.3	17.2
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	IS8(N)	Cloudy	Moderate	16:09	4.8	Surface	1	1	29.1	8.6	21.8	6.9	5.8	8.7
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	IS8(N)	Cloudy	Moderate	16:09	4.8	Surface	1	2	29.1	8.6	21.8	6.9	5.8	8.4
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	IS8(N)	Cloudy	Moderate	16:09	4.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	IS8(N)	Cloudy	Moderate	16:09	4.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	IS8(N)	Cloudy	Moderate	16:09	4.8	Bottom	3	1	28.3	8.5	23.4	5.8	8.8	12.3
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	IS8(N)	Cloudy	Moderate	16:09	4.8	Bottom	3	2	28.3	8.5	23.4	5.8	8.7	13.2
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	16:01	4.2	Surface	1	1	29	8.7	22.2	7.3	3.2	9.2
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	16:01	4.2	Surface	1	2	29	8.7	22.2	7.3	3.1	9.9
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	16:01	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	16:01	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	16:01	4.2	Bottom	3	1	28.8	8.6	22.6	7	5.9	10.5
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	16:01	4.2	Bottom	3	2	28.8	8.6	22.6	7	5.9	11
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	16:42	11.2	Surface	1	1	29.2	8.5	17.9	7.4	2.3	5.4
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	16:42	11.2	Surface	1	2	29.2	8.5	17.9	7.4	2.4	5.2
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	16:42	11.2	Middle	2	1	28.6	8.5	20.4	6.6	1.3	7.1
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	16:42	11.2	Middle	2	2	28.6	8.5	20.4	6.6	1.3	6.9
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	16:42	11.2	Bottom	3	1	26.5	8.4	28.6	4.7	5	8.2
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	16:42	11.2	Bottom	3	2	26.5	8.4	28.6	4.6	5	7.9
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	SR7	Cloudy	Moderate	17:38	4.3	Surface	1	1	29.4	8.5	16.1	7.3	2.9	5.7
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	SR7	Cloudy	Moderate	17:38	4.3	Surface	1	2	29.4	8.5	16.1	7.3	2.9	5.6
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	SR7	Cloudy	Moderate	17:38	4.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	SR7	Cloudy	Moderate	17:38	4.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	SR7	Cloudy	Moderate	17:38	4.3	Bottom	3	1	28.9	8.4	19	7.1	5.7	6.5
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	SR7	Cloudy	Moderate	17:38	4.3	Bottom	3	2	28.9	8.4	19.1	7.1	5.7	6.7
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	IS17	Cloudy	Moderate	16:34	11.4	Surface	1	1	28.3	8.5	21.7	6	2.1	4.5
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	IS17	Cloudy	Moderate	16:34	11.4	Surface	1	2	28.4	8.5	21.7	6	2.1	4.8
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	IS17	Cloudy	Moderate	16:34	11.4	Middle	2	1	28	8.5	23.3	5.4	3.3	5.5
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	IS17	Cloudy	Moderate	16:34	11.4	Middle	2	2	27.9	8.5	23.4	5.4	3.3	5.1
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	IS17	Cloudy	Moderate	16:34	11.4	Bottom	3	1	26.3	8.4	28.9	4.2	6.5	7.8
TMCLKL	HY/2012/08	2019-08-23	Mid-Ebb	IS17	Cloudy	Moderate	16:34	11.4	Bottom	3	2	26.3	8.5	28.9	4.2	6.4	8.5
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	CS(Mf)5	Rainy	Moderate	11:03	14.6	Surface	1	1	28.6	8.1	15.4	6.1	2.9	5.3
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	CS(Mf)5	Rainy	Moderate	11:03	14.6	Surface	1	2	28.6	8.1	15.4	6.1	2.9	5.8
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	CS(Mf)5	Rainy	Moderate	11:03	14.6	Middle	2	1	28.3	8.1	20.3	5.3	3.3	6.5
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	CS(Mf)5	Rainy	Moderate	11:03	14.6	Middle	2	2	28.4	8.1	20.3	5.4	3.3	6.1
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	CS(Mf)5	Rainy	Moderate	11:03	14.6	Bottom	3	1	28	8.1	23	5.2	4.7	8.9
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	CS(Mf)5	Rainy	Moderate	11:03	14.6	Bottom	3	2	28	8.1	23	5.2	4.7	9.1
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	11:52	6.9	Surface	1	1	29.1	8.2	13	6.4	2.3	5.7
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	11:52	6.9	Surface	1	2	29.1	8.2	13	6.5	2.3	5.5
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	11:52	6.9	Middle	2	1	28.6	8.1	17	5.8	4	6.5
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	11:52	6.9	Middle	2	2	28.7	8.2	17	5.8	3.9	6.2
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	11:52	6.9	Bottom	3	1	27.9	8.1	23.8	5	6.1	8.7
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	11:52	6.9	Bottom	3	2	27.9	8.1	23.8	5	6.2	8.1
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	IS(Mf)16	Cloudy	Moderate	12:35	5.8	Surface	1	1	28.4	8.3	21.7	5.7	3.6	14.2
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	IS(Mf)16	Cloudy	Moderate	12:35	5.8	Surface	1	2	28.4	8.3	21.7	5.7	3.6	13.9
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	IS(Mf)16	Cloudy	Moderate	12:35	5.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	IS(Mf)16	Cloudy	Moderate	12:35	5.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	IS(Mf)16	Cloudy	Moderate	12:35	5.8	Bottom	3	1	28.1	8.3	23.4	5.4	5.4	25
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	IS(Mf)16	Cloudy	Moderate	12:35	5.8	Bottom	3	2	28.1	8.3	23.4	5.3	5.3	26.8
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	SR4a	Cloudy	Moderate	12:44	4.6	Surface	1	1	28.7	8.3	20.2	6.2	2.2	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	2019-08-23	Mid-Flood	SR4a	Cloudy	Moderate	12:44	4.6	Surface	1	2	28.7	8.3	20.2	6.2	2.1	7.9
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	SR4a	Cloudy	Moderate	12:44	4.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	SR4a	Cloudy	Moderate	12:44	4.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	SR4a	Cloudy	Moderate	12:44	4.6	Bottom	3	1	28.4	8.3	21.8	5.8	4.1	8.1
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	SR4a	Cloudy	Moderate	12:44	4.6	Bottom	3	2	28.3	8.3	21.8	5.8	4	8
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	SR4(N2)	Cloudy	Moderate	12:49	4.2	Surface	1	1	28.8	8.3	20.2	6.3	2.8	5.4
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	SR4(N2)	Cloudy	Moderate	12:49	4.2	Surface	1	2	28.8	8.3	20.2	6.3	2.8	5.7
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	SR4(N2)	Cloudy	Moderate	12:49	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	SR4(N2)	Cloudy	Moderate	12:49	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	SR4(N2)	Cloudy	Moderate	12:49	4.2	Bottom	3	1	28.4	8.3	21.3	5.8	3.7	8.2
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	SR4(N2)	Cloudy	Moderate	12:49	4.2	Bottom	3	2	28.4	8.3	21.3	5.8	3.7	8.7
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	IS8(N)	Cloudy	Moderate	12:54	3.8	Surface	1	1	28.8	8.3	20	6.4	2.2	3.7
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	IS8(N)	Cloudy	Moderate	12:54	3.8	Surface	1	2	28.8	8.3	20	6.4	2.2	4.3
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	IS8(N)	Cloudy	Moderate	12:54	3.8	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	IS8(N)	Cloudy	Moderate	12:54	3.8	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	IS8(N)	Cloudy	Moderate	12:54	3.8	Bottom	3	1	28.6	8.4	22.7	6.3	5.7	9.9
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	IS8(N)	Cloudy	Moderate	12:54	3.8	Bottom	3	2	28.6	8.4	22.7	6.3	5.6	9.3
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	IS(Mf)9	Cloudy	Moderate	13:01	3.2	Surface	1	1	28.6	8.3	21.5	5.8	4.4	9.1
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	IS(Mf)9	Cloudy	Moderate	13:01	3.2	Surface	1	2	28.7	8.3	21.5	5.8	4.4	8.8
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	IS(Mf)9	Cloudy	Moderate	13:01	3.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	IS(Mf)9	Cloudy	Moderate	13:01	3.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	IS(Mf)9	Cloudy	Moderate	13:01	3.2	Bottom	3	1	28.4	8.3	23.3	5.2	6.3	12.8
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	IS(Mf)9	Cloudy	Moderate	13:01	3.2	Bottom	3	2	28.4	8.3	23.4	5.1	6.3	12.3
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	IS(Mf)11	Cloudy	Moderate	12:20	11.3	Surface	1	1	28.8	8.3	16.9	6.5	2.9	5.3
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	IS(Mf)11	Cloudy	Moderate	12:20	11.3	Surface	1	2	28.8	8.3	16.9	6.5	2.9	5.5
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	IS(Mf)11	Cloudy	Moderate	12:20	11.3	Middle	2	1	28.3	8.3	20.4	5.8	3.5	6.3
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	IS(Mf)11	Cloudy	Moderate	12:20	11.3	Middle	2	2	28.4	8.3	20.3	5.8	3.4	6.3
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	IS(Mf)11	Cloudy	Moderate	12:20	11.3	Bottom	3	1	28	8.3	22.4	5.4	5	9.8
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	IS(Mf)11	Cloudy	Moderate	12:20	11.3	Bottom	3	2	28	8.3	22.3	5.4	5	9.2
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	SR7	Rainy	Moderate	11:24	4.4	Surface	1	1	28.5	8.1	18.4	5.8	2.8	7.7
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	SR7	Rainy	Moderate	11:24	4.4	Surface	1	2	28.5	8.1	18.4	5.8	2.8	7
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	SR7	Rainy	Moderate	11:24	4.4	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	SR7	Rainy	Moderate	11:24	4.4	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	SR7	Rainy	Moderate	11:24	4.4	Bottom	3	1	28.4	8.1	21	5.5	3.2	11.8
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	SR7	Rainy	Moderate	11:24	4.4	Bottom	3	2	28.3	8.1	21.2	5.4	3.2	10.9
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	IS17	Cloudy	Moderate	12:27	10.8	Surface	1	1	28.1	8.3	23.4	5.4	2.8	15.6
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	IS17	Cloudy	Moderate	12:27	10.8	Surface	1	2	28.1	8.3	23.4	5.4	2.8	14.8
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	IS17	Cloudy	Moderate	12:27	10.8	Middle	2	1	27.7	8.3	24.4	5.2	3.1	11.2
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	IS17	Cloudy	Moderate	12:27	10.8	Middle	2	2	27.7	8.3	24.4	5.2	3.1	11.4
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	IS17	Cloudy	Moderate	12:27	10.8	Bottom	3	1	27.6	8.3	25.2	5.2	2.5	9.6
TMCLKL	HY/2012/08	2019-08-23	Mid-Flood	IS17	Cloudy	Moderate	12:27	10.8	Bottom	3	2	27.6	8.3	25	5.2	2.5	9.7
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	08:10	12.7	Surface	1	1	28.3	7.9	19.8	6	1.6	3.6
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	08:10	12.7	Surface	1	2	28.3	7.9	20.2	6	1.7	3.7
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	08:10	12.7	Middle	2	1	28.3	7.9	20.3	5.9	1.6	4
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	08:10	12.7	Middle	2	2	28.3	7.9	20.7	5.9	1.6	3.9
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	08:10	12.7	Bottom	3	1	27	7.8	27.6	4.2	3.2	2.2
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	08:10	12.7	Bottom	3	2	27	7.8	28.3	4.3	3.3	1.8
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	CS(Mf)3(N)	Rainy	Moderate	09:13	7.3	Surface	1	1	28.5	7.9	14.2	6.3	2.6	4.8
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	CS(Mf)3(N)	Rainy	Moderate	09:13	7.3	Surface	1	2	28.5	7.8	14.5	6.4	2.5	4.5
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	CS(Mf)3(N)	Rainy	Moderate	09:13	7.3	Middle	2	1	28.4	7.9	16.6	5.8	2.5	3.9
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	CS(Mf)3(N)	Rainy	Moderate	09:13	7.3	Middle	2	2	28.5	7.8	16.8	5.8	2.5	4.7
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	CS(Mf)3(N)	Rainy	Moderate	09:13	7.3	Bottom	3	1	27.8	7.9	22.8	5.1	2.9	4.7
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	CS(Mf)3(N)	Rainy	Moderate	09:13	7.3	Bottom	3	2	27.8	7.8	23.6	5.2	3	3.7
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	IS(Mf)16	Rainy	Moderate	09:47	5.7	Surface	1	1	28.3	8	19.9	6.2	7.7	9
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	IS(Mf)16	Rainy	Moderate	09:47	5.7	Surface	1	2	28.3	7.9	20.3	6.2	7.5	8.2
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	IS(Mf)16	Rainy	Moderate	09:47	5.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	IS(Mf)16	Rainy	Moderate	09:47	5.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	IS(Mf)16	Rainy	Moderate	09:47	5.7	Bottom	3	1	28.3	8	22.3	5.6	9.5	8.4
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	IS(Mf)16	Rainy	Moderate	09:47	5.7	Bottom	3	2	28.3	7.9	23	5.6	10	7.4
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	SR4a	Rainy	Calm	09:58	4.5	Surface	1	1	28.2	8	18.2	5.9	5.1	13.6
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	SR4a	Rainy	Calm	09:58	4.5	Surface	1	2	28.2	7.9	18.6	6	5.2	12.4

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	2019-08-26	Mid-Ebb	SR4a	Rainy	Calm	09:58	4.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	SR4a	Rainy	Calm	09:58	4.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	SR4a	Rainy	Calm	09:58	4.5	Bottom	3	1	28.3	7.9	22.5	5.1	5.9	10.6
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	SR4a	Rainy	Calm	09:58	4.5	Bottom	3	2	28.3	7.8	23	5.1	6	9.6
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	SR4(N2)	Cloudy	Calm	10:04	3.6	Surface	1	1	28.4	7.9	16.3	5.2	11.1	7
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	SR4(N2)	Cloudy	Calm	10:04	3.6	Surface	1	2	28.4	7.8	16.6	5.2	11.1	8
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	SR4(N2)	Cloudy	Calm	10:04	3.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	SR4(N2)	Cloudy	Calm	10:04	3.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	SR4(N2)	Cloudy	Calm	10:04	3.6	Bottom	3	1	28.7	7.9	21.2	5.1	8.5	9.1
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	SR4(N2)	Cloudy	Calm	10:04	3.6	Bottom	3	2	28.8	7.8	21.5	5.1	8.7	10
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	IS8(N)	Cloudy	Calm	10:09	3.7	Surface	1	1	28.1	8	18.3	6.4	5.6	7.6
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	IS8(N)	Cloudy	Calm	10:09	3.7	Surface	1	2	28.1	7.9	18.7	6.4	5.5	7.2
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	IS8(N)	Cloudy	Calm	10:09	3.7	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	IS8(N)	Cloudy	Calm	10:09	3.7	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	IS8(N)	Cloudy	Calm	10:09	3.7	Bottom	3	1	28.4	8	20.8	6.1	10.1	8.2
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	IS8(N)	Cloudy	Calm	10:09	3.7	Bottom	3	2	28.4	7.9	21.2	6	10.1	7.2
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	IS(Mf)9	Cloudy	Calm	10:17	2.8	Surface	1	1						
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	IS(Mf)9	Cloudy	Calm	10:17	2.8	Surface	1	2						
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	IS(Mf)9	Cloudy	Calm	10:17	2.8	Middle	2	1	28.5	7.9	19.7	5.9	4.1	8.8
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	IS(Mf)9	Cloudy	Calm	10:17	2.8	Middle	2	2	28.5	7.8	19.9	5.9	4	7.8
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	IS(Mf)9	Cloudy	Calm	10:17	2.8	Bottom	3	1						
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	IS(Mf)9	Cloudy	Calm	10:17	2.8	Bottom	3	2						
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	IS(Mf)11	Rainy	Moderate	08:42	11.4	Surface	1	1	28.3	7.9	17.1	6.2	1.9	3.8
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	IS(Mf)11	Rainy	Moderate	08:42	11.4	Surface	1	2	28.3	7.9	17.4	6.2	1.9	4.8
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	IS(Mf)11	Rainy	Moderate	08:42	11.4	Middle	2	1	28.3	7.9	22.7	5.3	2.3	4.4
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	IS(Mf)11	Rainy	Moderate	08:42	11.4	Middle	2	2	28.3	7.8	23.7	5.3	2.1	4.3
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	IS(Mf)11	Rainy	Moderate	08:42	11.4	Bottom	3	1	25.9	7.8	30.1	3.2	3.9	3.6
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	IS(Mf)11	Rainy	Moderate	08:42	11.4	Bottom	3	2	25.9	7.8	30.7	3.2	3.6	2.6
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	SR7	Rainy	Moderate	08:34	4.2	Surface	1	1	28.4	7.9	17.1	6.1	2.2	2.9
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	SR7	Rainy	Moderate	08:34	4.2	Surface	1	2	28.4	7.8	17.4	6.1	2	3.8
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	SR7	Rainy	Moderate	08:34	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	SR7	Rainy	Moderate	08:34	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	SR7	Rainy	Moderate	08:34	4.2	Bottom	3	1	28.4	7.9	18.2	6.1	3.3	4.3
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	SR7	Rainy	Moderate	08:34	4.2	Bottom	3	2	28.4	7.8	19.1	6.1	3.1	3.3
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	IS17	Rainy	Moderate	09:41	7.3	Surface	1	1	28.3	8	18.5	6.1	2.9	5.2
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	IS17	Rainy	Moderate	09:41	7.3	Surface	1	2	28.3	7.9	18.9	6.1	3	4.3
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	IS17	Rainy	Moderate	09:41	7.3	Middle	2	1	28.3	7.9	19.6	5.9	3.2	5
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	IS17	Rainy	Moderate	09:41	7.3	Middle	2	2	28.3	7.9	20	6	3.3	5.7
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	IS17	Rainy	Moderate	09:41	7.3	Bottom	3	1	28.2	7.9	24.7	5.1	3.8	3.7
TMCLKL	HY/2012/08	2019-08-26	Mid-Ebb	IS17	Rainy	Moderate	09:41	7.3	Bottom	3	2	28.2	7.9	24.2	4.9	3.7	2.7
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	CS(Mf)5	Cloudy	Moderate	17:22	12.5	Surface	1	1	28.5	8	16.4	6.7	2	6.2
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	CS(Mf)5	Cloudy	Moderate	17:22	12.5	Surface	1	2	28.5	7.8	16.7	6.7	2.1	5.3
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	CS(Mf)5	Cloudy	Moderate	17:22	12.5	Middle	2	1	26.2	7.8	28.9	3.9	3.3	3.9
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	CS(Mf)5	Cloudy	Moderate	17:22	12.5	Middle	2	2	26.1	7.7	29.6	3.8	3	4.6
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	CS(Mf)5	Cloudy	Moderate	17:22	12.5	Bottom	3	1	25	7.8	31.4	3.4	9.3	3.8
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	CS(Mf)5	Cloudy	Moderate	17:22	12.5	Bottom	3	2	25	7.7	32	3.4	9.2	4.8
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	16:29	7.5	Surface	1	1	28.7	7.8	14.9	6.2	3.2	6.2
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	16:29	7.5	Surface	1	2	28.7	7.8	15.2	6.2	3.1	6.4
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	16:29	7.5	Middle	2	1	28.6	7.8	16.1	6	5.2	6
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	16:29	7.5	Middle	2	2	28.6	7.8	16.4	6	5.2	5.8
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	16:29	7.5	Bottom	3	1	28.2	7.7	18.8	5.1	12.1	5.2
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	16:29	7.5	Bottom	3	2	28.2	7.7	19.1	5.2	12	4.2
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	IS(Mf)16	Rainy	Moderate	15:53	5.6	Surface	1	1	28.5	7.9	17.2	6.7	3.4	8.9
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	IS(Mf)16	Rainy	Moderate	15:53	5.6	Surface	1	2	28.5	7.9	17.5	6.7	3.2	8.7
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	IS(Mf)16	Rainy	Moderate	15:53	5.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	IS(Mf)16	Rainy	Moderate	15:53	5.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	IS(Mf)16	Rainy	Moderate	15:53	5.6	Bottom	3	1	28.4	7.8	18.5	6.7	9.4	8.1
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	IS(Mf)16	Rainy	Moderate	15:53	5.6	Bottom	3	2	28.4	7.8	18.8	6.7	9.7	7.4
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	SR4a	Rainy	Calm	15:42	4.3	Surface	1	1	28.2	8	15.9	6.5	5.7	10.4
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	SR4a	Rainy	Calm	15:42	4.3	Surface	1	2	28.2	7.9	16.6	6.5	5.6	11.5
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	SR4a	Rainy	Calm	15:42	4.3	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	2019-08-26	Mid-Flood	SR4a	Rainy	Calm	15:42	4.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	SR4a	Rainy	Calm	15:42	4.3	Bottom	3	1	28.4	7.9	19.3	6	7.4	11
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	SR4a	Rainy	Calm	15:42	4.3	Bottom	3	2	28.5	7.9	19.5	6.1	7.6	10.7
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	SR4(N2)	Rainy	Calm	15:37	3.9	Surface	1	1	28.3	8	16.8	6.5	4.7	11
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	SR4(N2)	Rainy	Calm	15:37	3.9	Surface	1	2	28.3	7.9	17.2	6.5	4.6	10
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	SR4(N2)	Rainy	Calm	15:37	3.9	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	SR4(N2)	Rainy	Calm	15:37	3.9	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	SR4(N2)	Rainy	Calm	15:37	3.9	Bottom	3	1	28.4	7.9	18.5	6.6	5.6	12.3
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	SR4(N2)	Rainy	Calm	15:37	3.9	Bottom	3	2	28	7.9	19.1	6.6	5.3	11.4
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	IS8(N)	Rainy	Calm	15:31	3.2	Surface	1	1	28.5	8	16.8	6.8	8.6	9.2
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	IS8(N)	Rainy	Calm	15:31	3.2	Surface	1	2	28.5	7.9	17.1	6.8	8.8	10.1
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	IS8(N)	Rainy	Calm	15:31	3.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	IS8(N)	Rainy	Calm	15:31	3.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	IS8(N)	Rainy	Calm	15:31	3.2	Bottom	3	1	28.5	8	16.9	6.8	4.1	10.3
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	IS8(N)	Rainy	Calm	15:31	3.2	Bottom	3	2	28.5	7.9	17.3	6.8	4.1	11.3
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	IS(Mf)9	Rainy	Calm	15:21	2.7	Surface	1	1						
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	IS(Mf)9	Rainy	Calm	15:21	2.7	Surface	1	2						
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	IS(Mf)9	Rainy	Calm	15:21	2.7	Middle	2	1	28.5	7.8	18.1	6.9	5	9.8
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	IS(Mf)9	Rainy	Calm	15:21	2.7	Middle	2	2	28.5	7.9	18.4	6.8	5.2	8.8
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	IS(Mf)9	Rainy	Calm	15:21	2.7	Bottom	3	1						
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	IS(Mf)9	Rainy	Calm	15:21	2.7	Bottom	3	2						
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	IS(Mf)11	Cloudy	Moderate	16:54	10.8	Surface	1	1	28.5	7.9	17.4	6.2	3.2	3.2
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	IS(Mf)11	Cloudy	Moderate	16:54	10.8	Surface	1	2	28.5	7.8	17.8	6.3	3.1	4.2
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	IS(Mf)11	Cloudy	Moderate	16:54	10.8	Middle	2	1	28.1	7.9	22	5.2	3.9	3.9
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	IS(Mf)11	Cloudy	Moderate	16:54	10.8	Middle	2	2	28.1	7.8	22.4	5.1	3.6	4.9
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	IS(Mf)11	Cloudy	Moderate	16:54	10.8	Bottom	3	1	26.2	7.8	29.1	2.9	11.1	3.8
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	IS(Mf)11	Cloudy	Moderate	16:54	10.8	Bottom	3	2	26.2	7.7	29.8	2.8	11	3.8
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	SR7	Cloudy	Moderate	17:00	4.4	Surface	1	1	28.4	7.9	16.9	6.2	5.8	3.5
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	SR7	Cloudy	Moderate	17:00	4.4	Surface	1	2	28.4	7.8	17.2	6.2	5.8	4.3
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	SR7	Cloudy	Moderate	17:00	4.4	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	SR7	Cloudy	Moderate	17:00	4.4	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	SR7	Cloudy	Moderate	17:00	4.4	Bottom	3	1	28.3	7.9	19.4	5.9	8	5.8
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	SR7	Cloudy	Moderate	17:00	4.4	Bottom	3	2	28.3	7.8	20	5.7	7.8	4.8
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	IS17	Rainy	Moderate	15:59	7.4	Surface	1	1	28.4	7.9	17.9	6.3	3.2	4.1
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	IS17	Rainy	Moderate	15:59	7.4	Surface	1	2	28.4	7.8	18.2	6.3	2.9	3.3
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	IS17	Rainy	Moderate	15:59	7.4	Middle	2	1	28.2	7.9	19.9	5.8	3.7	3.8
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	IS17	Rainy	Moderate	15:59	7.4	Middle	2	2	28.2	7.8	20.3	5.8	3.7	3.3
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	IS17	Rainy	Moderate	15:59	7.4	Bottom	3	1	28.1	7.9	20.3	5.9	3.6	6.4
TMCLKL	HY/2012/08	2019-08-26	Mid-Flood	IS17	Rainy	Moderate	15:59	7.4	Bottom	3	2	28.2	7.8	20.8	5.9	3.6	5.6
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	09:55	11.6	Surface	1	1	27.7	7.8	23.3	5.1	2.1	16.9
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	09:55	11.6	Surface	1	2	27.7	7.9	22.9	5.1	1.9	16
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	09:55	11.6	Middle	2	1	25.9	7.8	28.8	3.9	1.5	12.9
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	09:55	11.6	Middle	2	2	25.9	7.8	28.2	3.9	1.6	12
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	09:55	11.6	Bottom	3	1	24.8	7.7	31.6	3.2	3.5	6.2
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	CS(Mf)5	Cloudy	Moderate	09:55	11.6	Bottom	3	2	24.8	7.7	30.9	3.2	3.4	7.9
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	11:16	7.3	Surface	1	1	28.7	7.8	20.4	4.9	1.2	12.6
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	11:16	7.3	Surface	1	2	28.7	7.8	20	4.9	1.2	11.6
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	11:16	7.3	Middle	2	1	27.9	7.7	23.6	4	4.8	12.1
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	11:16	7.3	Middle	2	2	27.9	7.7	23.1	4	4.9	11.1
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	11:16	7.3	Bottom	3	1	27.2	7.7	26	3.7	9.3	10.2
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	CS(Mf)3(N)	Cloudy	Moderate	11:16	7.3	Bottom	3	2	27.2	7.6	25.5	3.7	9.8	9.5
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	11:51	5.5	Surface	1	1	28.3	7.8	22.7	4.9	7.8	19.2
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	11:51	5.5	Surface	1	2	28.3	7.8	22.1	4.9	7.9	18
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	11:51	5.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	11:51	5.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	11:51	5.5	Bottom	3	1	27.5	7.8	24.3	4.9	8.3	10.4
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	11:51	5.5	Bottom	3	2	27.8	7.8	24.3	4.8	8.9	9.4
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	SR4a	Cloudy	Moderate	12:01	4.2	Surface	1	1	28.1	7.7	21.5	4.8	6.5	8.1
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	SR4a	Cloudy	Moderate	12:01	4.2	Surface	1	2	28.1	7.8	21.1	4.8	6.1	7.1
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	SR4a	Cloudy	Moderate	12:01	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	SR4a	Cloudy	Moderate	12:01	4.2	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	2019-08-28	Mid-Ebb	SR4a	Cloudy	Moderate	12:01	4.2	Bottom	3	1	27.4	7.7	24.7	4	8.9	9.5
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	SR4a	Cloudy	Moderate	12:01	4.2	Bottom	3	2	27.4	7.7	24.2	4	8.2	8.7
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	SR4(N2)	Cloudy	Moderate	12:09	3.6	Surface	1	1	28.2	7.7	21.9	4.3	9.4	7
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	SR4(N2)	Cloudy	Moderate	12:09	3.6	Surface	1	2	28.2	7.8	21.5	4.3	9.6	7.7
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	SR4(N2)	Cloudy	Moderate	12:09	3.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	SR4(N2)	Cloudy	Moderate	12:09	3.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	SR4(N2)	Cloudy	Moderate	12:09	3.6	Bottom	3	1	27.6	7.7	24	3.5	10.5	6.5
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	SR4(N2)	Cloudy	Moderate	12:09	3.6	Bottom	3	2	27.6	7.7	23.7	3.5	10.6	7.5
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	IS8(N)	Cloudy	Moderate	12:14	3.6	Surface	1	1	28	7.8	22.9	4.6	7.6	7.2
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	IS8(N)	Cloudy	Moderate	12:14	3.6	Surface	1	2	28	7.7	22.4	4.7	7.3	8.3
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	IS8(N)	Cloudy	Moderate	12:14	3.6	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	IS8(N)	Cloudy	Moderate	12:14	3.6	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	IS8(N)	Cloudy	Moderate	12:14	3.6	Bottom	3	1	27.5	7.7	24.4	4.2	10.7	8.2
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	IS8(N)	Cloudy	Moderate	12:14	3.6	Bottom	3	2	27.7	7.7	23.4	4.5	10.8	8.5
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	12:22	2.8	Surface	1	1						
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	12:22	2.8	Surface	1	2						
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	12:22	2.8	Middle	2	1	29	7.8	21.5	5.6	3.8	8.7
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	12:22	2.8	Middle	2	2	29	7.8	21.1	5.6	3.3	9.7
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	12:22	2.8	Bottom	3	1						
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	IS(Mf)9	Cloudy	Moderate	12:22	2.8	Bottom	3	2						
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	10:45	11.6	Surface	1	1	28.6	7.8	19.6	5	1.7	9.8
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	10:45	11.6	Surface	1	2	28.6	7.8	19.3	5	1.7	8.9
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	10:45	11.6	Middle	2	1	28.2	7.8	20.9	4.5	3.8	7.2
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	10:45	11.6	Middle	2	2	28.2	7.8	20.6	4.5	3.1	6.3
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	10:45	11.6	Bottom	3	1	26	7.8	28.7	3.5	4.4	5.6
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	IS(Mf)11	Cloudy	Moderate	10:45	11.6	Bottom	3	2	26	7.7	28.2	3.5	4.4	4.2
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	SR7	Cloudy	Moderate	10:37	4.3	Surface	1	1	28.4	7.7	20.9	5	2.8	8.1
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	SR7	Cloudy	Moderate	10:37	4.3	Surface	1	2	28.4	7.6	20.4	5	2.5	8.1
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	SR7	Cloudy	Moderate	10:37	4.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	SR7	Cloudy	Moderate	10:37	4.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	SR7	Cloudy	Moderate	10:37	4.3	Bottom	3	1	28.3	7.7	21.3	5.1	3.7	5.8
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	SR7	Cloudy	Moderate	10:37	4.3	Bottom	3	2	28.3	7.5	20.9	5	3.6	4.8
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	IS17	Cloudy	Moderate	11:42	7.2	Surface	1	1	28.3	7.8	21.1	5	4.8	8.3
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	IS17	Cloudy	Moderate	11:42	7.2	Surface	1	2	28.3	7.8	20.7	5	4.8	7.6
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	IS17	Cloudy	Moderate	11:42	7.2	Middle	2	1	27.9	7.8	22.4	4.7	7.2	6.5
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	IS17	Cloudy	Moderate	11:42	7.2	Middle	2	2	27.9	7.8	22.1	4.7	7.2	5.6
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	IS17	Cloudy	Moderate	11:42	7.2	Bottom	3	1	27.7	7.8	23.8	4.6	8.6	5.6
TMCLKL	HY/2012/08	2019-08-28	Mid-Ebb	IS17	Cloudy	Moderate	11:42	7.2	Bottom	3	2	27.7	7.7	23.5	4.6	8.8	6.6
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	CS(Mf)5	Cloudy	Moderate	18:53	12.1	Surface	1	1	27.8	7.8	24	4.9	2.5	5.8
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	CS(Mf)5	Cloudy	Moderate	18:53	12.1	Surface	1	2	27.8	7.9	23.5	4.9	2.4	5.4
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	CS(Mf)5	Cloudy	Moderate	18:53	12.1	Middle	2	1	25.4	7.8	30.1	3.5	10.9	5.3
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	CS(Mf)5	Cloudy	Moderate	18:53	12.1	Middle	2	2	25.4	7.8	29.5	3.5	10.7	5.6
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	CS(Mf)5	Cloudy	Moderate	18:53	12.1	Bottom	3	1	25.4	7.8	30.1	3.6	10.6	5.6
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	CS(Mf)5	Cloudy	Moderate	18:53	12.1	Bottom	3	2	25.4	7.8	29.5	3.6	11.3	6.6
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	17:56	6.6	Surface	1	1	29.8	7.8	15.1	5.5	5.9	7.7
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	17:56	6.6	Surface	1	2	29.8	7.8	14.9	5.4	5.1	7.8
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	17:56	6.6	Middle	2	1	29.8	7.8	15.2	5.1	6	8.1
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	17:56	6.6	Middle	2	2	29.8	7.7	14.9	5.2	5.9	7.7
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	17:56	6.6	Bottom	3	1	28.2	7.7	19.9	4.5	6.2	5.4
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	CS(Mf)3(N)	Cloudy	Moderate	17:56	6.6	Bottom	3	2	28.4	7.7	20.3	4.4	6.3	6.4
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	IS(Mf)16	Cloudy	Moderate	17:22	5.3	Surface	1	1	28.7	7.9	22	5.8	9.1	8.4
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	IS(Mf)16	Cloudy	Moderate	17:22	5.3	Surface	1	2	28.7	7.9	21.6	5.8	9	8.8
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	IS(Mf)16	Cloudy	Moderate	17:22	5.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	IS(Mf)16	Cloudy	Moderate	17:22	5.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	IS(Mf)16	Cloudy	Moderate	17:22	5.3	Bottom	3	1	28.7	7.9	22.1	5.8	11.6	7
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	IS(Mf)16	Cloudy	Moderate	17:22	5.3	Bottom	3	2	28.6	7.8	21.7	5.8	11.9	8
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	SR4a	Cloudy	Moderate	17:12	4.1	Surface	1	1	28.5	7.9	22.2	5.6	5.9	7.1
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	SR4a	Cloudy	Moderate	17:12	4.1	Surface	1	2	28.5	7.9	21.7	5.6	5.7	7.7
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	SR4a	Cloudy	Moderate	17:12	4.1	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	SR4a	Cloudy	Moderate	17:12	4.1	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	SR4a	Cloudy	Moderate	17:12	4.1	Bottom	3	1	28.1	7.8	23	4.2	7.9	8.9

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	2019-08-28	Mid-Flood	SR4a	Cloudy	Moderate	17:12	4.1	Bottom	3	2	28.1	7.8	22.5	4.2	7.4	7.9
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	SR4(N2)	Cloudy	Moderate	17:04	3.3	Surface	1	1	29.4	7.9	21.2	6.1	7.9	9.1
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	SR4(N2)	Cloudy	Moderate	17:04	3.3	Surface	1	2	29.4	7.9	20.8	6.1	7.9	8.9
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	SR4(N2)	Cloudy	Moderate	17:04	3.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	SR4(N2)	Cloudy	Moderate	17:04	3.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	SR4(N2)	Cloudy	Moderate	17:04	3.3	Bottom	3	1	28.8	7.9	22	5.2	13.4	8.8
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	SR4(N2)	Cloudy	Moderate	17:04	3.3	Bottom	3	2	28.8	7.8	21.7	5.2	13	7.8
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	IS8(N)	Cloudy	Moderate	16:58	3.2	Surface	1	1	28.9	7.9	21.5	5.8	8.5	7.4
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	IS8(N)	Cloudy	Moderate	16:58	3.2	Surface	1	2	28.9	7.9	21.1	5.8	8.5	6.4
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	IS8(N)	Cloudy	Moderate	16:58	3.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	IS8(N)	Cloudy	Moderate	16:58	3.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	IS8(N)	Cloudy	Moderate	16:58	3.2	Bottom	3	1	28.9	7.9	21.5	5.8	11	8.7
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	IS8(N)	Cloudy	Moderate	16:58	3.2	Bottom	3	2	28.9	7.8	21.1	5.8	10.2	7.9
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	IS(Mf)9	Cloudy	Moderate	16:49	2.1	Surface	1	1						
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	IS(Mf)9	Cloudy	Moderate	16:49	2.1	Surface	1	2						
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	IS(Mf)9	Cloudy	Moderate	16:49	2.1	Middle	2	1	28.8	8	21.9	6.1	8.4	8.7
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	IS(Mf)9	Cloudy	Moderate	16:49	2.1	Middle	2	2	28.8	7.9	21.5	6.2	8.9	7.7
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	IS(Mf)9	Cloudy	Moderate	16:49	2.1	Bottom	3	1						
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	IS(Mf)9	Cloudy	Moderate	16:49	2.1	Bottom	3	2						
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	IS(Mf)11	Cloudy	Moderate	18:21	11.6	Surface	1	1	29.1	7.8	18.7	5.5	4.7	7.5
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	IS(Mf)11	Cloudy	Moderate	18:21	11.6	Surface	1	2	29.1	7.8	18.3	5.4	4.6	6.5
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	IS(Mf)11	Cloudy	Moderate	18:21	11.6	Middle	2	1	27.4	7.8	24.3	4.1	11.1	5.4
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	IS(Mf)11	Cloudy	Moderate	18:21	11.6	Middle	2	2	27.4	7.8	23.9	4.3	11	6.2
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	IS(Mf)11	Cloudy	Moderate	18:21	11.6	Bottom	3	1	27	7.8	25.8	3.7	25	30.2
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	IS(Mf)11	Cloudy	Moderate	18:21	11.6	Bottom	3	2	27	7.8	25.3	3.8	24.9	26.4
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	SR7	Cloudy	Moderate	18:30	4.1	Surface	1	1	28.2	7.8	21.4	5.1	6.8	6.8
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	SR7	Cloudy	Moderate	18:30	4.1	Surface	1	2	28.2	7.8	20.9	5.1	6.7	7.7
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	SR7	Cloudy	Moderate	18:30	4.1	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	SR7	Cloudy	Moderate	18:30	4.1	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	SR7	Cloudy	Moderate	18:30	4.1	Bottom	3	1	27.7	7.8	24.2	4.3	12.5	44.1
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	SR7	Cloudy	Moderate	18:30	4.1	Bottom	3	2	27.6	7.8	23.8	4.3	12.1	48.5
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	IS17	Cloudy	Moderate	17:29	7	Surface	1	1	28.5	7.9	21.9	5.1	3.7	6.9
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	IS17	Cloudy	Moderate	17:29	7	Surface	1	2	28.5	7.8	21.5	5.1	3.8	6
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	IS17	Cloudy	Moderate	17:29	7	Middle	2	1	27.6	7.8	24.3	4.5	4.8	6.6
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	IS17	Cloudy	Moderate	17:29	7	Middle	2	2	27.5	7.8	23.9	4.5	4.8	6.2
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	IS17	Cloudy	Moderate	17:29	7	Bottom	3	1	27.5	7.8	24.6	4.3	6	9.2
TMCLKL	HY/2012/08	2019-08-28	Mid-Flood	IS17	Cloudy	Moderate	17:29	7	Bottom	3	2	27.4	7.7	24.3	4.3	5	8.3
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	CS(Mf)5	Rainy	Rough	11:23	10.3	Surface	1	1	27.4	7.8	24.4	5.1	4.7	7.4
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	CS(Mf)5	Rainy	Rough	11:23	10.3	Surface	1	2	27.4	7.8	24.3	5.2	4.7	8.3
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	CS(Mf)5	Rainy	Rough	11:23	10.3	Middle	2	1	27.1	7.8	25.4	4.8	6	8.8
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	CS(Mf)5	Rainy	Rough	11:23	10.3	Middle	2	2	27.1	7.8	25.4	4.8	6.1	8.3
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	CS(Mf)5	Rainy	Rough	11:23	10.3	Bottom	3	1	26.5	7.8	27.7	4.4	8.3	8.8
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	CS(Mf)5	Rainy	Rough	11:23	10.3	Bottom	3	2	26.5	7.8	27.7	4.3	8.2	9.8
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	CS(Mf)3(N)	Rainy	Moderate	12:35	7.3	Surface	1	1	27.8	7.8	23.5	4.8	7.1	8.4
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	CS(Mf)3(N)	Rainy	Moderate	12:35	7.3	Surface	1	2	27.8	7.8	23.5	4.8	7.1	8.6
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	CS(Mf)3(N)	Rainy	Moderate	12:35	7.3	Middle	2	1	27.7	7.8	24.2	4.8	9.2	9.2
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	CS(Mf)3(N)	Rainy	Moderate	12:35	7.3	Middle	2	2	27.7	7.8	24.2	4.8	9.3	9.5
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	CS(Mf)3(N)	Rainy	Moderate	12:35	7.3	Bottom	3	1	27.6	7.8	24.7	5	10	6.8
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	CS(Mf)3(N)	Rainy	Moderate	12:35	7.3	Bottom	3	2	27.6	7.8	24.7	5	9.3	5.8
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	13:07	5.5	Surface	1	1	27.2	7.8	24.9	5.1	9.7	11.8
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	13:07	5.5	Surface	1	2	27.4	7.8	24.7	5.1	9.4	12.1
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	13:07	5.5	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	13:07	5.5	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	13:07	5.5	Bottom	3	1	26.8	7.8	27.2	4.8	11	12.9
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	IS(Mf)16	Cloudy	Moderate	13:07	5.5	Bottom	3	2	26.8	7.8	27.2	4.7	10.9	12
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	SR4a	Cloudy	Moderate	13:16	5.2	Surface	1	1	27.4	7.8	24.7	4.5	10.2	12.7
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	SR4a	Cloudy	Moderate	13:16	5.2	Surface	1	2	27.4	7.8	24.5	4.5	9.9	14.6
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	SR4a	Cloudy	Moderate	13:16	5.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	SR4a	Cloudy	Moderate	13:16	5.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	SR4a	Cloudy	Moderate	13:16	5.2	Bottom	3	1	26.8	7.8	26.8	4.5	10.7	14.3
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	SR4a	Cloudy	Moderate	13:16	5.2	Bottom	3	2	26.8	7.8	26.8	4.4	10.4	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	2019-08-30	Mid-Ebb	SR4(N2)	Cloudy	Calm	13:21	3.2	Surface	1	1	27.6	7.8	23.5	4.8	12.2	9
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	SR4(N2)	Cloudy	Calm	13:21	3.2	Surface	1	2	27.6	7.8	23.5	4.8	11.9	10.2
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	SR4(N2)	Cloudy	Calm	13:21	3.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	SR4(N2)	Cloudy	Calm	13:21	3.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	SR4(N2)	Cloudy	Calm	13:21	3.2	Bottom	3	1	27.1	7.8	24.9	4.9	16.2	13.3
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	SR4(N2)	Cloudy	Calm	13:21	3.2	Bottom	3	2	27.2	7.8	24.9	4.9	16.2	13.1
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	IS8(N)	Cloudy	Calm	13:27	4	Surface	1	1	27.6	7.8	24	4.9	9.2	11.8
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	IS8(N)	Cloudy	Calm	13:27	4	Surface	1	2	27.6	7.8	24.1	4.9	8.3	11.2
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	IS8(N)	Cloudy	Calm	13:27	4	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	IS8(N)	Cloudy	Calm	13:27	4	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	IS8(N)	Cloudy	Calm	13:27	4	Bottom	3	1	27.1	7.8	24.4	4.7	13.8	12.4
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	IS8(N)	Cloudy	Calm	13:27	4	Bottom	3	2	27.2	7.8	24.6	4.8	13.8	11.8
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	IS(Mf)9	Cloudy	Calm	13:35	3.1	Surface	1	1	27.8	7.8	24.3	5.1	9.7	7.9
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	IS(Mf)9	Cloudy	Calm	13:35	3.1	Surface	1	2	27.8	7.8	24.3	5.1	9.9	8.9
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	IS(Mf)9	Cloudy	Calm	13:35	3.1	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	IS(Mf)9	Cloudy	Calm	13:35	3.1	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	IS(Mf)9	Cloudy	Calm	13:35	3.1	Bottom	3	1	27.8	7.8	24.2	5.2	9.2	8.4
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	IS(Mf)9	Cloudy	Calm	13:35	3.1	Bottom	3	2	27.8	7.8	24.2	5.1	9.1	8.9
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	IS(Mf)11	Rainy	Moderate	12:02	11.3	Surface	1	1	27.8	7.8	23.7	5	6.9	13.9
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	IS(Mf)11	Rainy	Moderate	12:02	11.3	Surface	1	2	27.8	7.8	23.7	5	7	12.1
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	IS(Mf)11	Rainy	Moderate	12:02	11.3	Middle	2	1	27.2	7.8	24.7	4.6	15.7	11.3
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	IS(Mf)11	Rainy	Moderate	12:02	11.3	Middle	2	2	27.4	7.8	24.6	4.6	15.5	10.3
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	IS(Mf)11	Rainy	Moderate	12:02	11.3	Bottom	3	1	26.5	7.8	27.8	4.3	16.4	10.6
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	IS(Mf)11	Rainy	Moderate	12:02	11.3	Bottom	3	2	26.5	7.8	27.8	4.3	16.3	9.2
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	SR7	Rainy	Moderate	11:54	4.4	Surface	1	1	27.4	7.8	25	4.6	10.5	6.2
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	SR7	Rainy	Moderate	11:54	4.4	Surface	1	2	27.4	7.8	24.8	4.6	10.2	6.4
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	SR7	Rainy	Moderate	11:54	4.4	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	SR7	Rainy	Moderate	11:54	4.4	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	SR7	Rainy	Moderate	11:54	4.4	Bottom	3	1	27.3	7.8	25.4	4.6	15.9	6.1
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	SR7	Rainy	Moderate	11:54	4.4	Bottom	3	2	27.3	7.8	25.4	4.6	14.7	6.7
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	IS17	Rainy	Moderate	13:00	10.1	Surface	1	1	27.6	7.8	24.1	4.9	8.3	8.8
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	IS17	Rainy	Moderate	13:00	10.1	Surface	1	2	27.6	7.8	24.1	4.9	8.1	9.6
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	IS17	Rainy	Moderate	13:00	10.1	Middle	2	1	27.5	7.8	24.6	4.9	8.6	8.8
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	IS17	Rainy	Moderate	13:00	10.1	Middle	2	2	27.5	7.8	24.6	4.9	8.5	7.9
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	IS17	Rainy	Moderate	13:00	10.1	Bottom	3	1	27.1	7.8	25.9	4.9	8.7	8
TMCLKL	HY/2012/08	2019-08-30	Mid-Ebb	IS17	Rainy	Moderate	13:00	10.1	Bottom	3	2	27.1	7.8	25.8	4.8	8.6	8.8
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	CS(Mf)5	Fine	Moderate	19:52	11.4	Surface	1	1	27.4	7.8	25	4.8	5.4	7.9
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	CS(Mf)5	Fine	Moderate	19:52	11.4	Surface	1	2	27.4	7.8	25.1	4.8	5.4	7.1
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	CS(Mf)5	Fine	Moderate	19:52	11.4	Middle	2	1	26.8	7.8	26.7	4.6	7	7.8
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	CS(Mf)5	Fine	Moderate	19:52	11.4	Middle	2	2	27	7.8	26.1	4.6	7	7.9
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	CS(Mf)5	Fine	Moderate	19:52	11.4	Bottom	3	1	26.6	7.8	27.3	4.6	8.6	11.7
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	CS(Mf)5	Fine	Moderate	19:52	11.4	Bottom	3	2	26.6	7.8	27.3	4.6	8.1	10.4
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	19:01	7.2	Surface	1	1	28.7	7.7	18.4	4.8	11.1	8.9
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	19:01	7.2	Surface	1	2	28.7	7.7	18.4	4.8	11.9	8
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	19:01	7.2	Middle	2	1	28.6	7.7	18.7	4.9	13.9	9.2
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	19:01	7.2	Middle	2	2	28.7	7.7	18.7	4.8	13.7	8.5
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	19:01	7.2	Bottom	3	1	28.6	7.7	18.9	4.9	15.7	8.9
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	CS(Mf)3(N)	Fine	Moderate	19:01	7.2	Bottom	3	2	28.6	7.7	18.9	4.9	15.3	7.9
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	IS(Mf)16	Fine	Calm	18:27	5.2	Surface	1	1	27.7	7.9	24.2	5.3	17.1	8.9
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	IS(Mf)16	Fine	Calm	18:27	5.2	Surface	1	2	27.7	7.9	24.2	5.3	17.8	8.4
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	IS(Mf)16	Fine	Calm	18:27	5.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	IS(Mf)16	Fine	Calm	18:27	5.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	IS(Mf)16	Fine	Calm	18:27	5.2	Bottom	3	1	27.7	7.9	24.5	5.3	19.9	10.4
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	IS(Mf)16	Fine	Calm	18:27	5.2	Bottom	3	2	27.7	7.9	24.5	5.3	19.4	10.6
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	SR4a	Fine	Calm	18:20	4.3	Surface	1	1	27.6	7.9	24	5	10.4	14.5
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	SR4a	Fine	Calm	18:20	4.3	Surface	1	2	27.7	7.9	23.9	5	10.2	12.9
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	SR4a	Fine	Calm	18:20	4.3	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	SR4a	Fine	Calm	18:20	4.3	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	SR4a	Fine	Calm	18:20	4.3	Bottom	3	1	27.3	7.9	26.5	4.1	14.1	14
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	SR4a	Fine	Calm	18:20	4.3	Bottom	3	2	27.3	7.9	26.5	4	14.8	13.2
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	SR4(N2)	Fine	Calm	18:17	3.1	Surface	1	1	27.5	7.9	24.6	4.9	9.6	10.9

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	2019-08-30	Mid-Flood	SR4(N2)	Fine	Calm	18:17	3.1	Surface	1	2	27.5	7.9	24.4	4.9	9.9	12.3
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	SR4(N2)	Fine	Calm	18:17	3.1	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	SR4(N2)	Fine	Calm	18:17	3.1	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	SR4(N2)	Fine	Calm	18:17	3.1	Bottom	3	1	27.4	7.9	24.8	5	9.9	13.9
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	SR4(N2)	Fine	Calm	18:17	3.1	Bottom	3	2	27.4	7.9	24.8	4.9	10	15.7
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	IS8(N)	Fine	Calm	18:13	3.9	Surface	1	1	27.7	7.9	24.3	5.3	10.3	10.4
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	IS8(N)	Fine	Calm	18:13	3.9	Surface	1	2	27.7	7.9	24.2	5.3	10.3	9.5
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	IS8(N)	Fine	Calm	18:13	3.9	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	IS8(N)	Fine	Calm	18:13	3.9	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	IS8(N)	Fine	Calm	18:13	3.9	Bottom	3	1	27.7	7.9	24.4	5.4	10.9	13
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	IS8(N)	Fine	Calm	18:13	3.9	Bottom	3	2	27.7	7.9	24.4	5.4	10.9	11.7
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	IS(Mf)9	Fine	Calm	18:05	3	Surface	1	1	27.7	8	24.5	5.8	16.8	8.9
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	IS(Mf)9	Fine	Calm	18:05	3	Surface	1	2	27.7	8	24.5	5.8	16.6	7.9
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	IS(Mf)9	Fine	Calm	18:05	3	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	IS(Mf)9	Fine	Calm	18:05	3	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	IS(Mf)9	Fine	Calm	18:05	3	Bottom	3	1	27.7	8	24.5	5.9	19.3	8.1
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	IS(Mf)9	Fine	Calm	18:05	3	Bottom	3	2	27.7	8	24.5	5.8	19.3	7.7
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	IS(Mf)11	Fine	Moderate	18:40	11	Surface	1	1	27.9	7.9	23.3	5.3	6.9	9
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	IS(Mf)11	Fine	Moderate	18:40	11	Surface	1	2	28	7.9	22.8	5.3	6.8	8.1
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	IS(Mf)11	Fine	Moderate	18:40	11	Middle	2	1	27.6	7.9	24.4	5.3	9.4	8.4
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	IS(Mf)11	Fine	Moderate	18:40	11	Middle	2	2	27.6	7.9	24.4	5.3	9.8	7.9
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	IS(Mf)11	Fine	Moderate	18:40	11	Bottom	3	1	27.6	7.9	24.5	5.4	10.6	10.7
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	IS(Mf)11	Fine	Moderate	18:40	11	Bottom	3	2	27.6	7.9	24.5	5.4	10.4	10.9
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	SR7	Fine	Calm	19:32	4.2	Surface	1	1	27.6	7.8	24.3	4.8	10.4	5
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	SR7	Fine	Calm	19:32	4.2	Surface	1	2	27.6	7.8	24.3	4.8	10.2	6.8
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	SR7	Fine	Calm	19:32	4.2	Middle	2	1						
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	SR7	Fine	Calm	19:32	4.2	Middle	2	2						
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	SR7	Fine	Calm	19:32	4.2	Bottom	3	1	27.6	7.8	24.3	5	15.5	4.4
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	SR7	Fine	Calm	19:32	4.2	Bottom	3	2	27.6	7.8	24.3	5	16	5.4
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	IS17	Fine	Moderate	18:35	10.5	Surface	1	1	27.9	7.8	23.2	5	6	12
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	IS17	Fine	Moderate	18:35	10.5	Surface	1	2	27.9	7.8	23	5	5.7	10.4
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	IS17	Fine	Moderate	18:35	10.5	Middle	2	1	27.7	7.9	24	5	7.3	11.8
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	IS17	Fine	Moderate	18:35	10.5	Middle	2	2	27.7	7.9	23.9	5	7.8	12.1
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	IS17	Fine	Moderate	18:35	10.5	Bottom	3	1	27.4	7.9	24.8	5	16.7	11.8
TMCLKL	HY/2012/08	2019-08-30	Mid-Flood	IS17	Fine	Moderate	18:35	10.5	Bottom	3	2	27.5	7.9	24.7	5	16.3	10.9