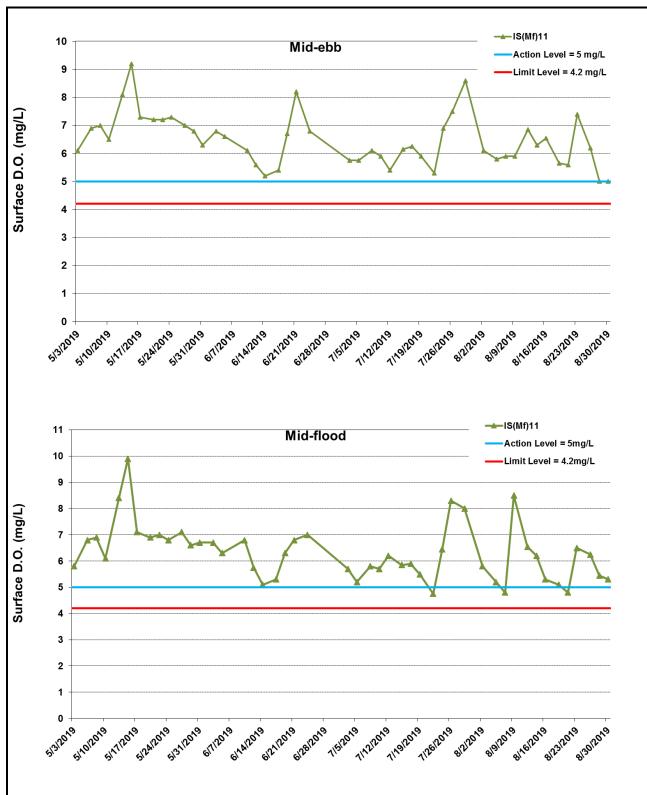
Appendix J

Impact Water Quality Monitoring Results

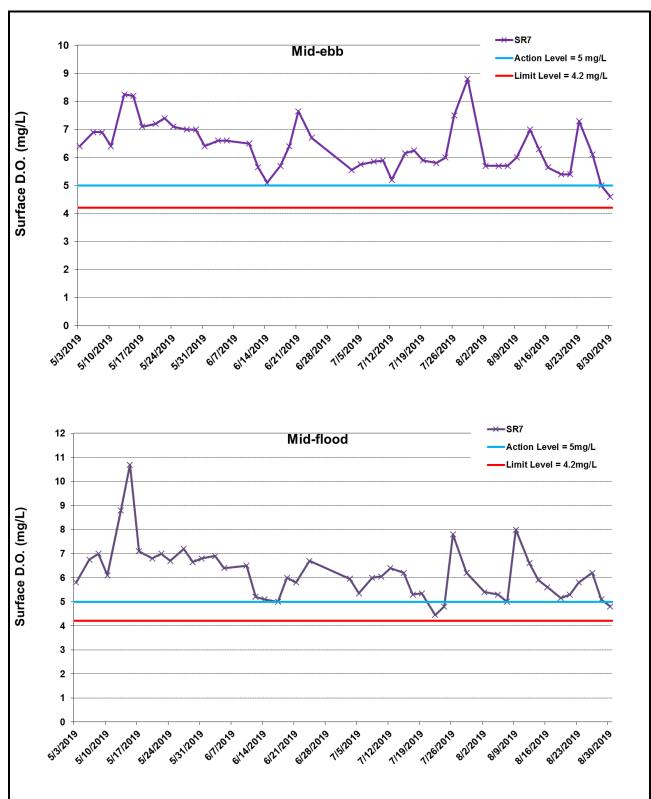


^{*} The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

Figure G1 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).



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

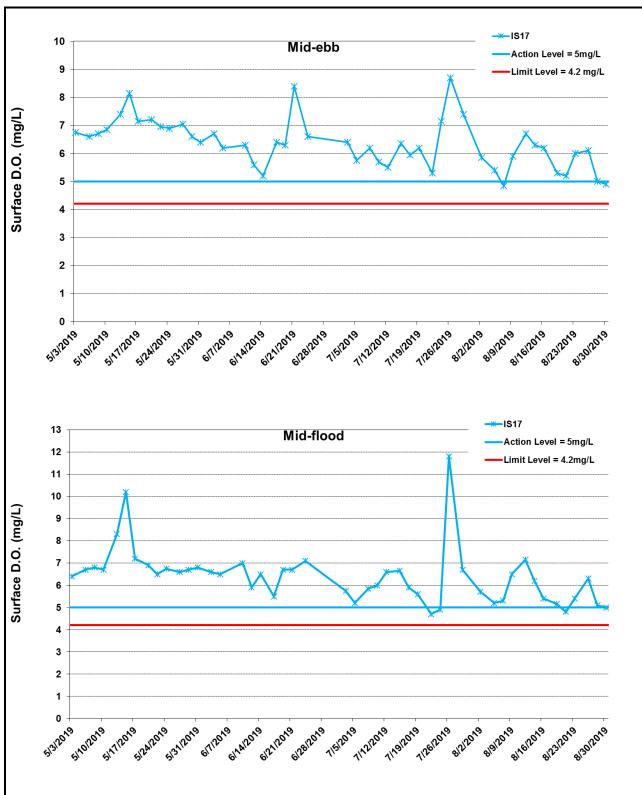


^{*} The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

Figure G2 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).



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

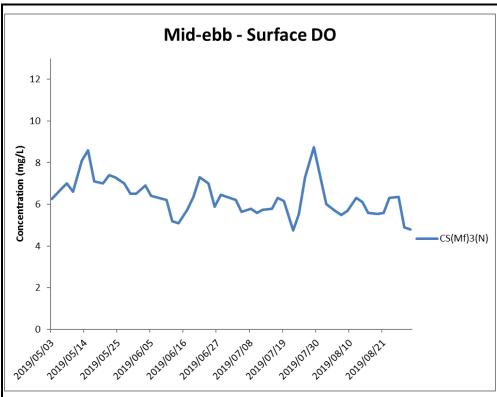


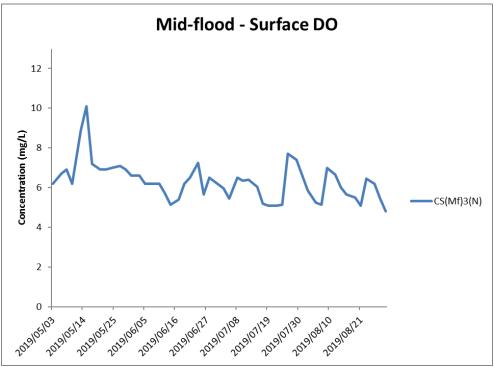
^{*} The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

Figure G3 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).



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

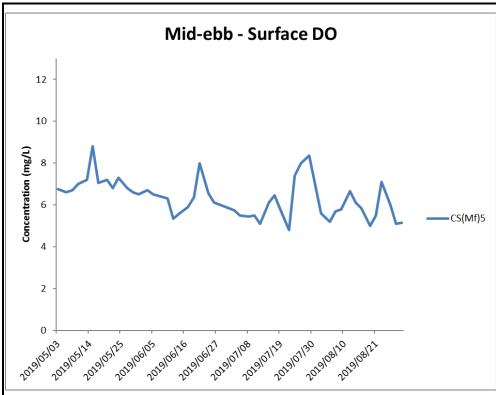


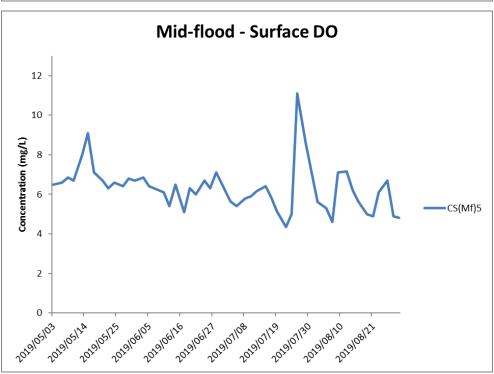


^{*}Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

Figure G4 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).



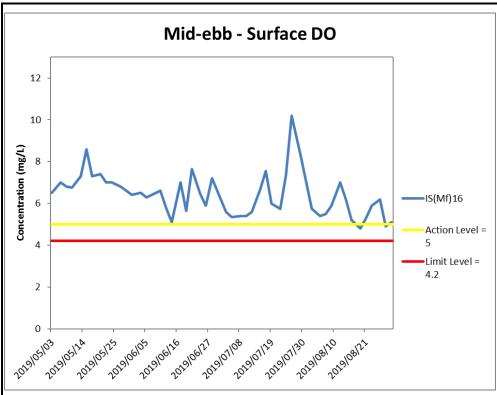


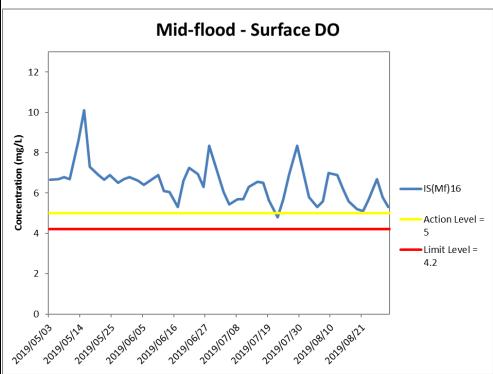


^{*}Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

Figure G5 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).



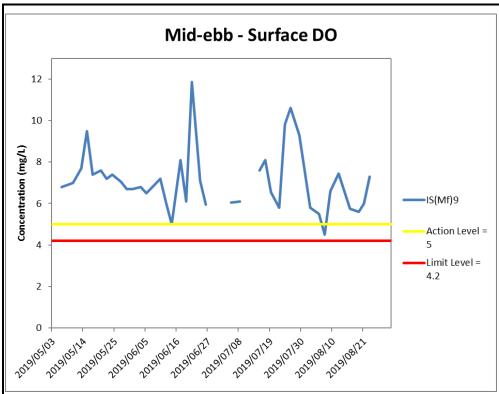


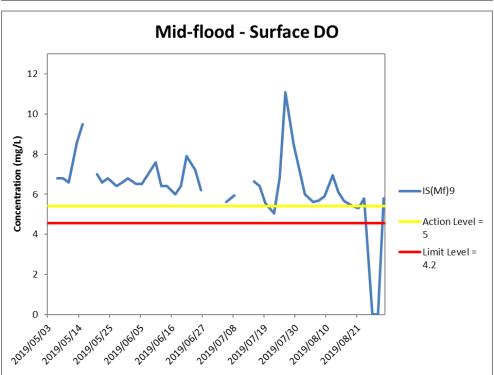


^{*}Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

Figure G6 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).



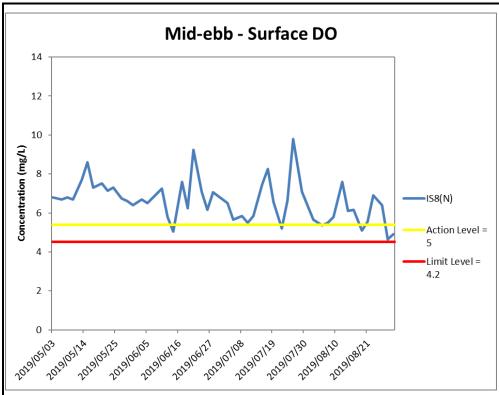


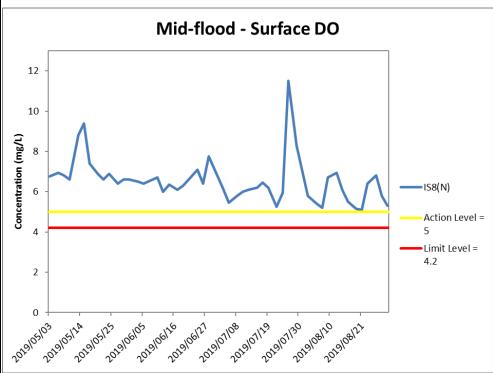


^{*}Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

Figure G7 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).



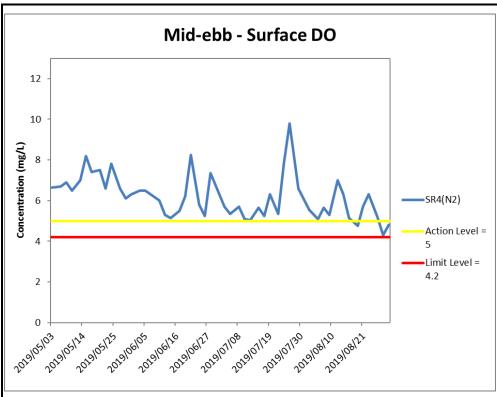


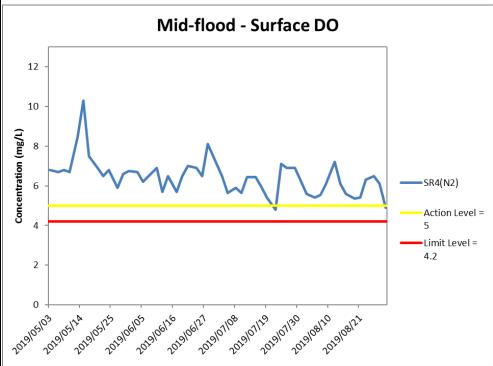


^{*}Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

Figure G8 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).



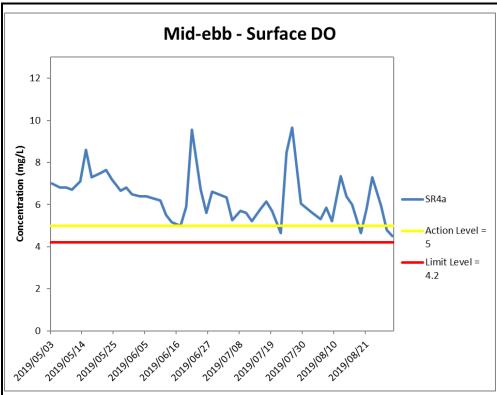


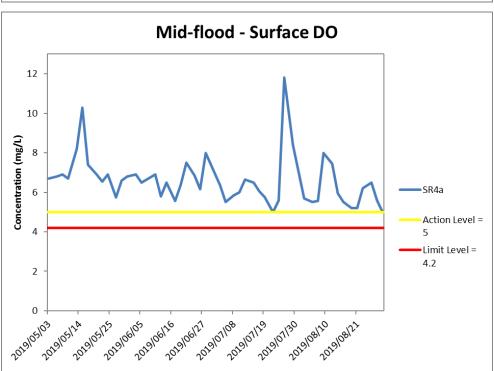


^{*}Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

Figure G9 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).



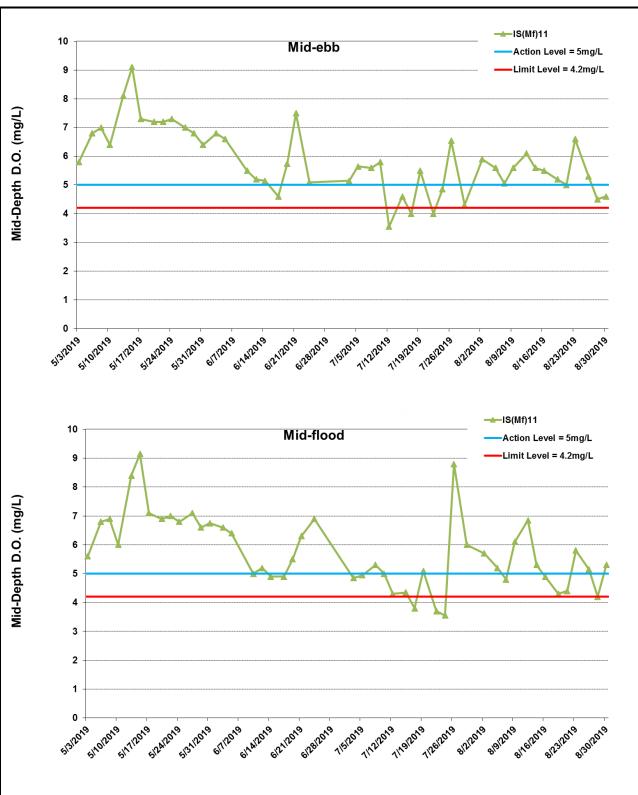




*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

Figure G10 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).





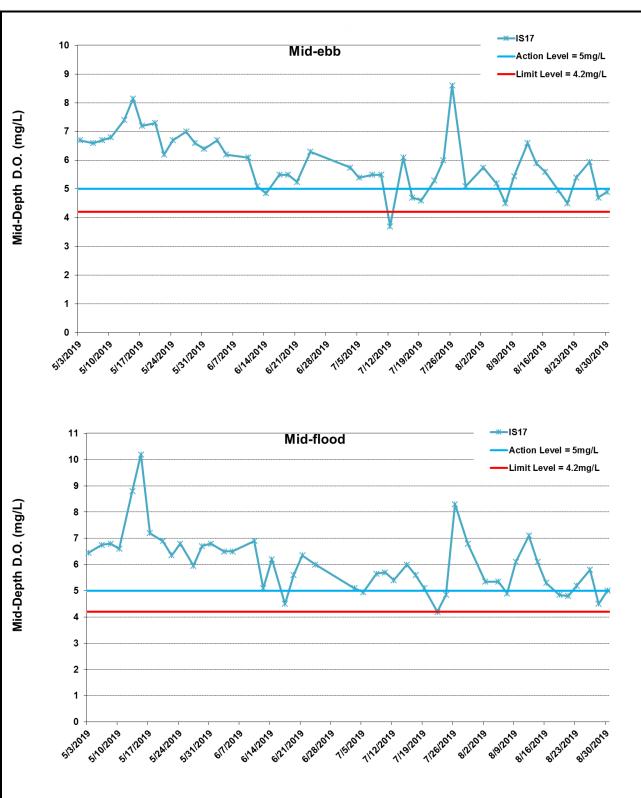
^{*} The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

Figure G11 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in middepth 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).



^{*}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.



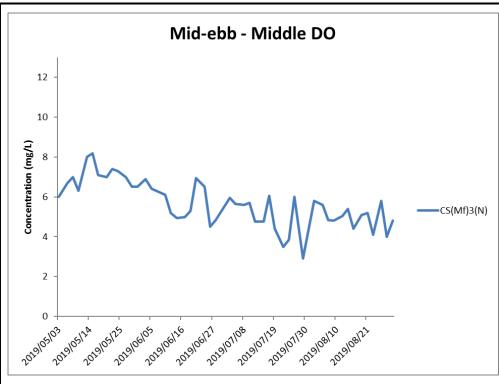
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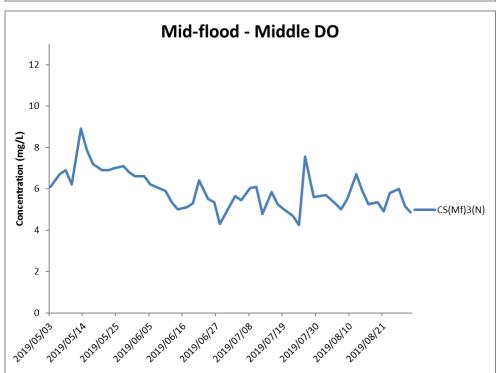
Figure G12 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in middepth waters between 1 May 2019 and 31 August 2019 at IS17. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 – 31/8/2019).



^{*}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.

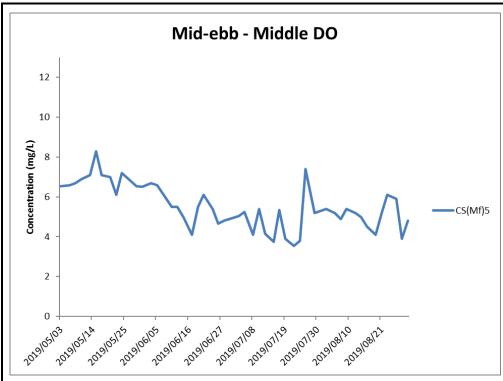


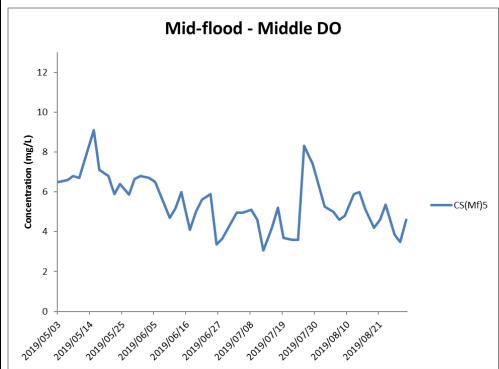


^{*}Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

Figure G13 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in middepth 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).







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

Figure G14 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in middepth 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).



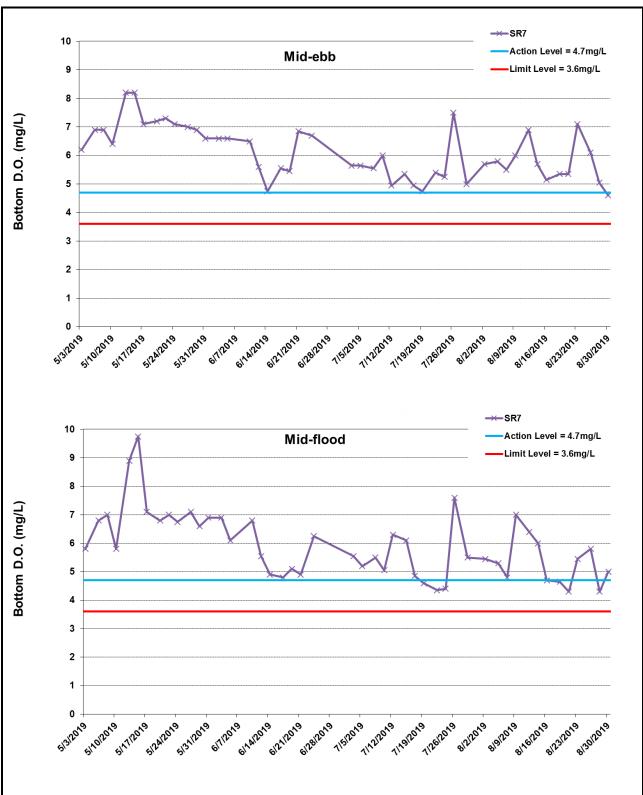


^{*} The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

Figure G15 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).



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

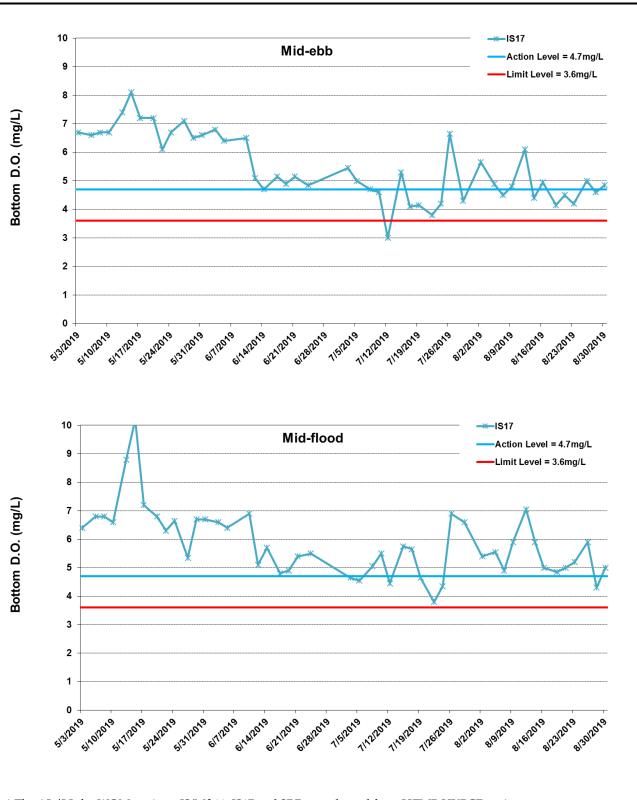


^{*} The AL/LL for WQM stations, IS(Mf)11, IS17 and SR7, are adopted from HZMB HKBCF project.

Figure G16 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).



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

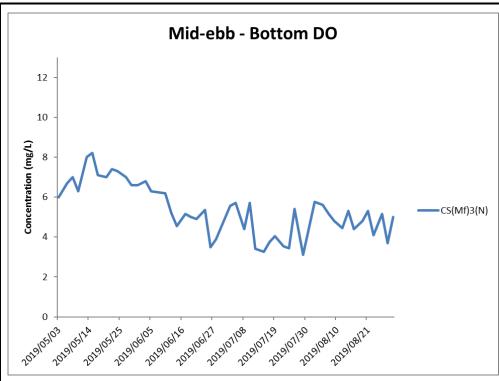


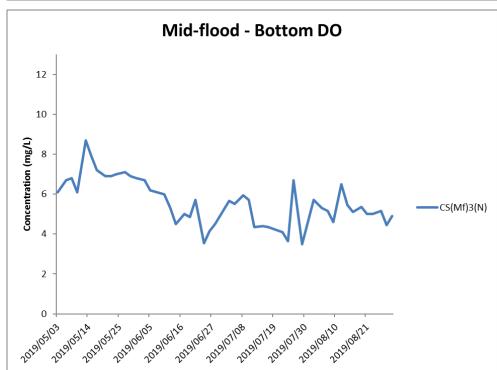
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Figure G17 Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in bottom water between 1 May 2019 and 31 August 2019 at IS17. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: 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.

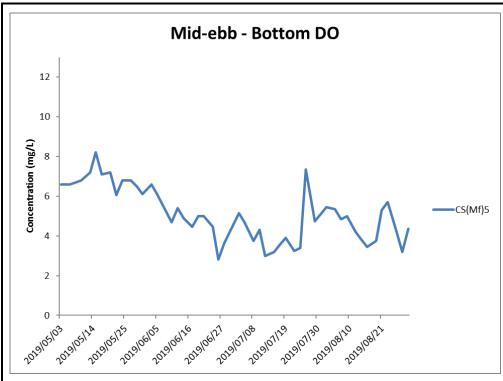


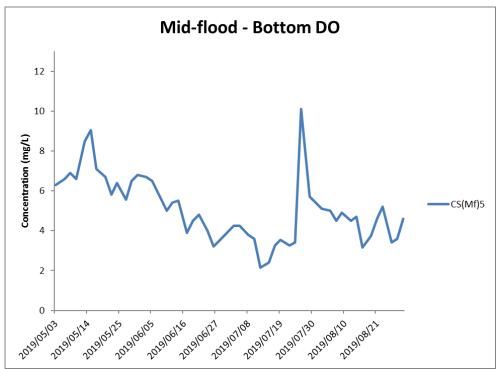


^{*}Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

Figure G18 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).



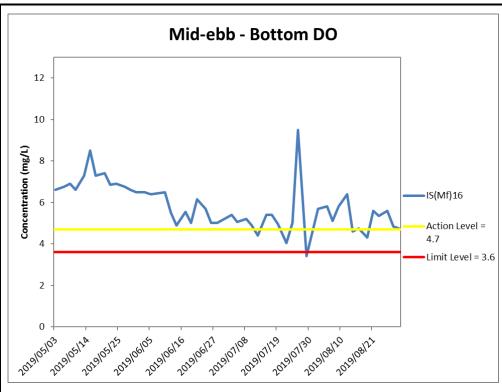


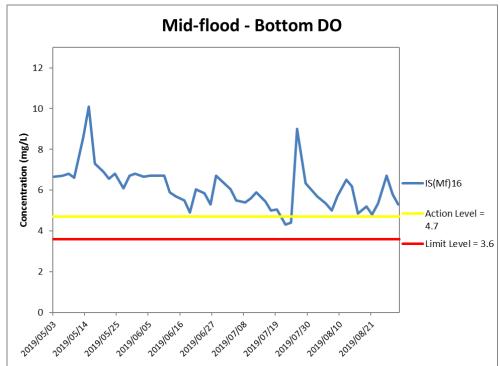


^{*}Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

Figure G19 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).



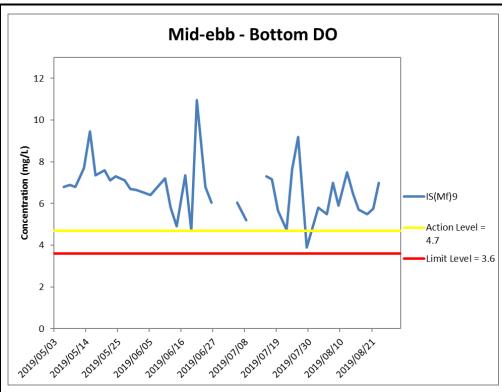


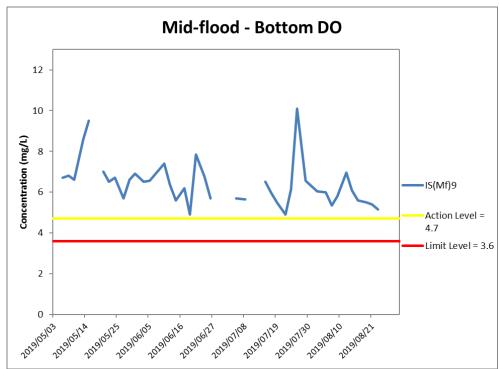


*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

Figure G20 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).



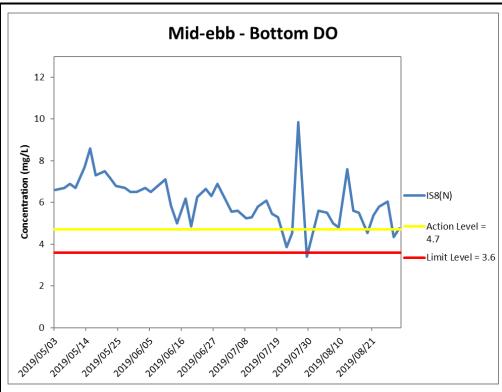


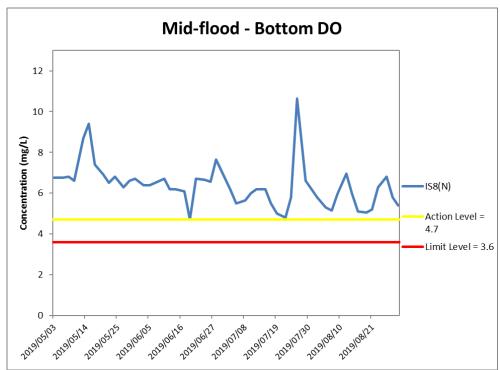


^{*}Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

Figure G21 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).



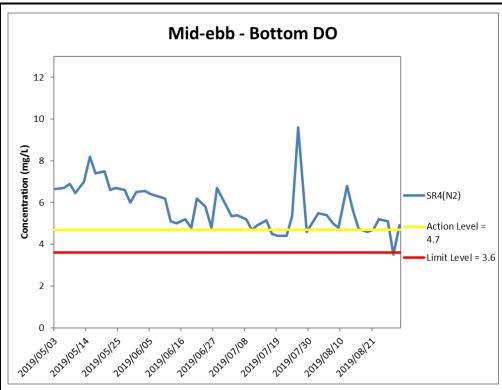


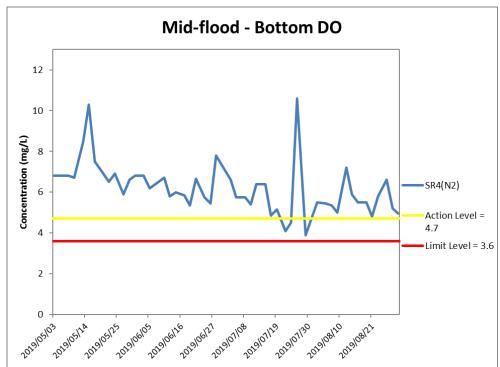


^{*}Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

Figure G22 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).



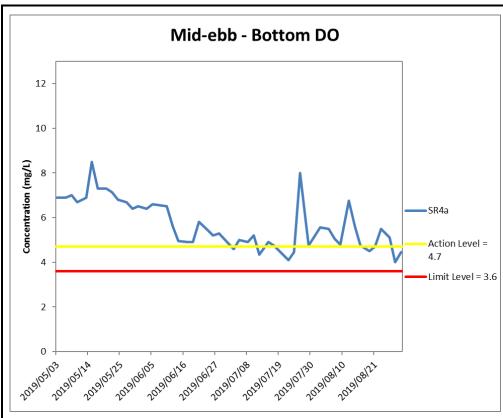


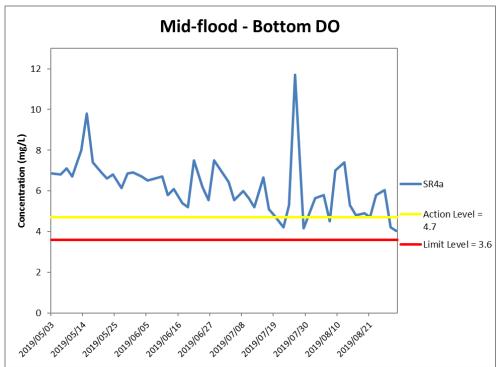


*Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

Figure G23 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).



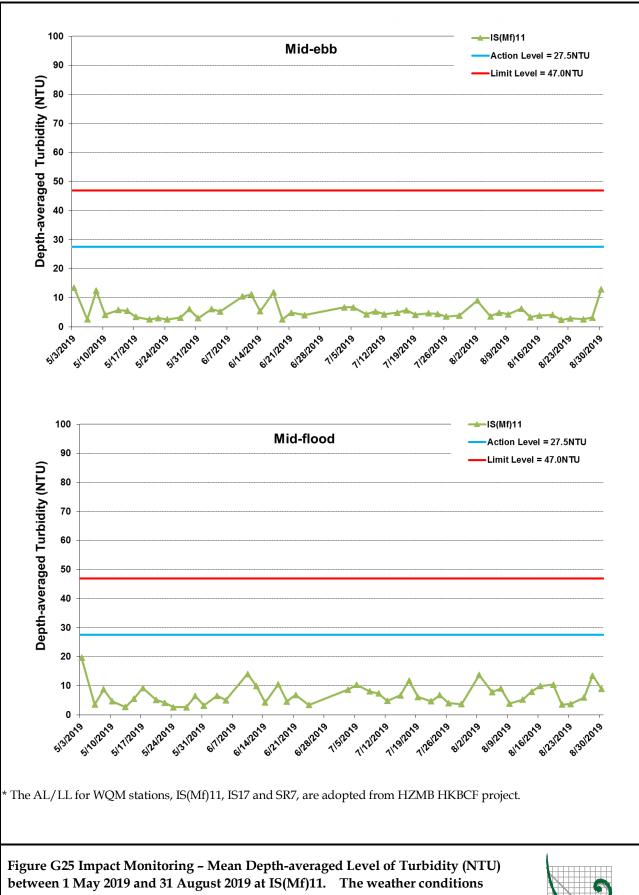




^{*}Exceedances of Dissolved oxygen level are calculated based on average value of data from both Surface and Middle level, and bottom level separately.

Figure G24 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).





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).



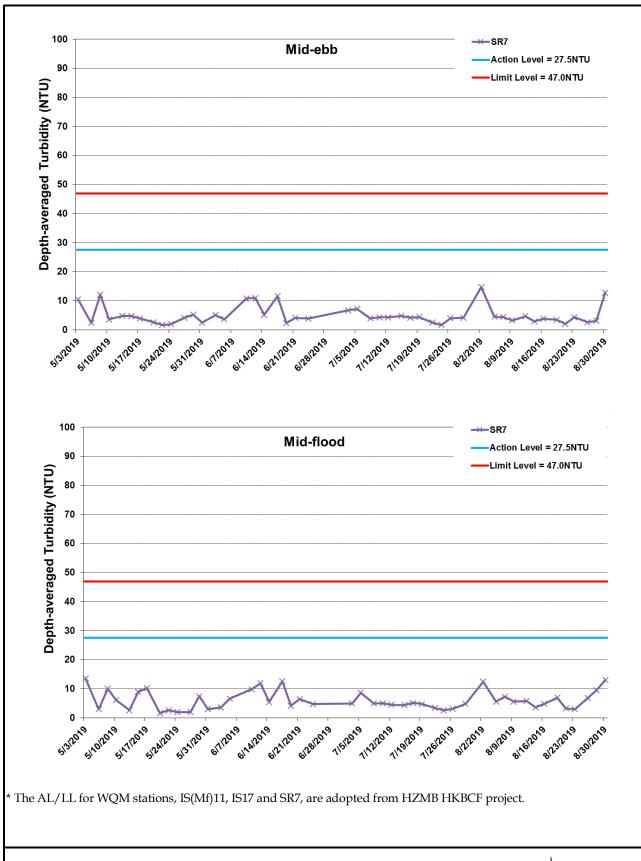


Figure G26 Impact Monitoring – Mean Depth-averaged Level of Turbidity (NTU) between 1 May 2019 and 31 August 2019 at SR7. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 – 31/8/2019).



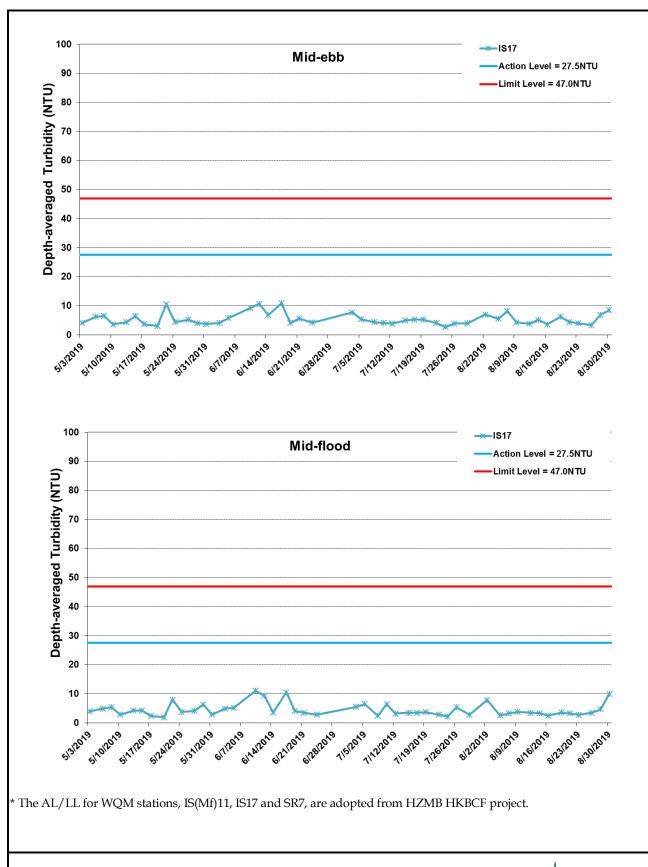
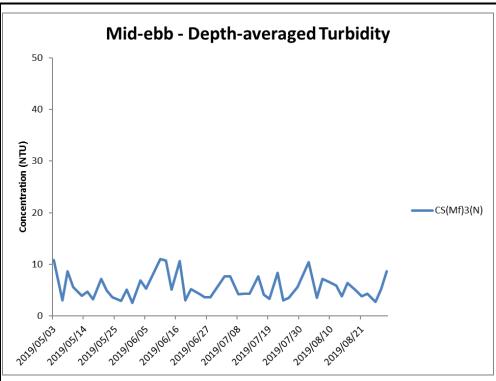


Figure G27 Impact Monitoring – Mean Depth-averaged Level of Turbidity (NTU) between 1 May 2019 and 31 August 2019 at IS17. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 – 31/8/2019).





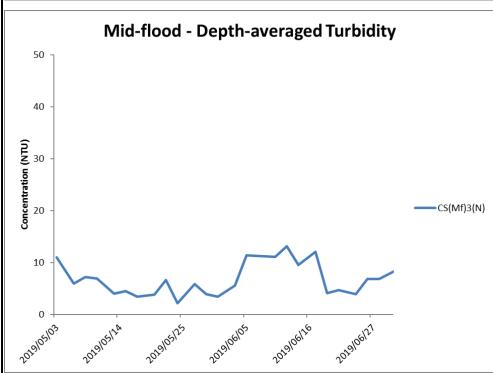
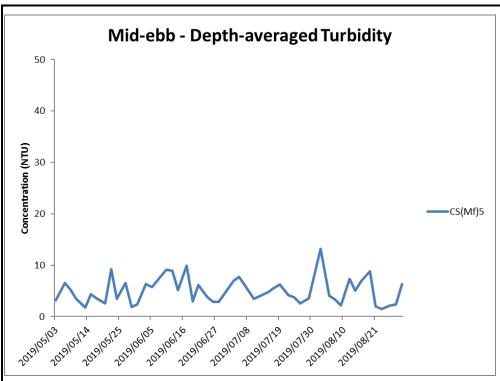


Figure G28 Impact Monitoring – Mean Depth-averaged Level of Turbidity (NTU) between 1 May 2019 and 31 August 2019 at CS(Mf)3(N). The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 – 31/8/2019).





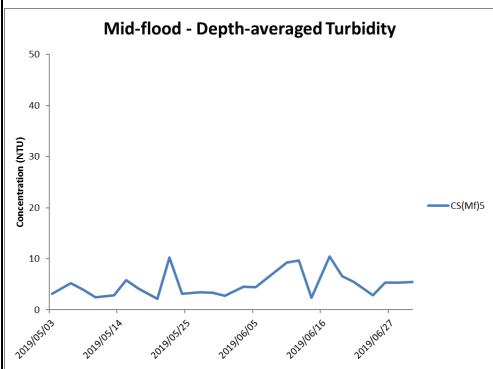
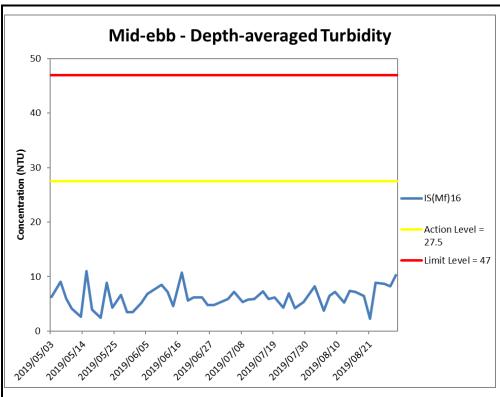


Figure G29 Impact Monitoring – Mean Depth-averaged Level of Turbidity (NTU) between 1 May 2019 and 31 August 2019 at CS(Mf)5. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 – 31/8/2019).





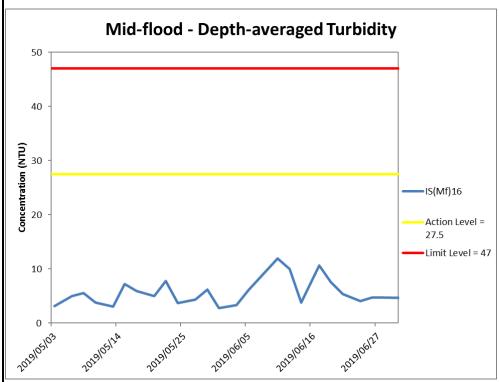
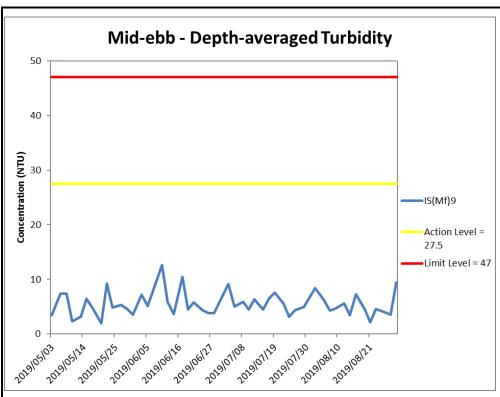


Figure G30 Impact Monitoring – Mean Depth-averaged Level of Turbidity (NTU) between 1 May 2019 and 31 August 2019 at IS(Mf)16. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 – 31/8/2019).





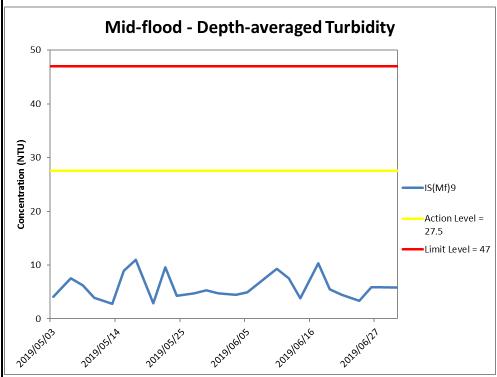
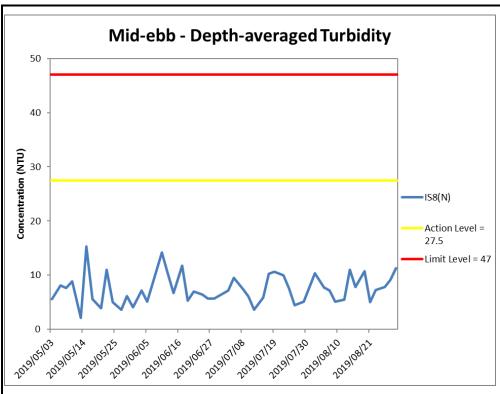


Figure G31 Impact Monitoring – Mean Depth-averaged Level of Turbidity (NTU) between 1 May 2019 and 31 August 2019 at IS(Mf)9. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 – 31/8/2019).



 $Ref: \qquad 0212330_Impact-WQM_August2019_graphs_Rev\ a.xls$



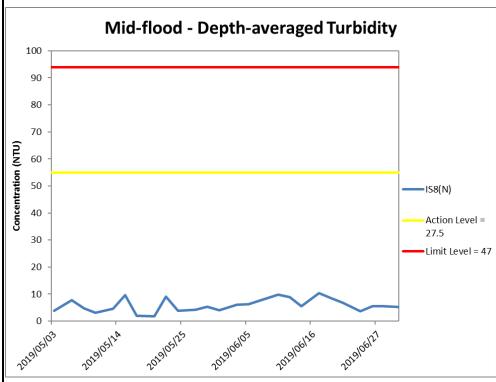
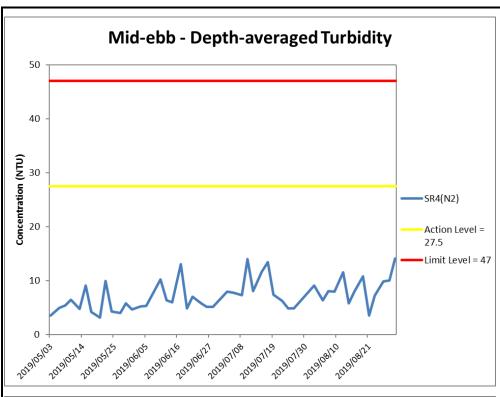


Figure G32 Impact Monitoring – Mean Depth-averaged Level of Turbidity (NTU) between 1 May 2019 and 31 August 2019 at IS8(N). The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 – 31/8/2019).





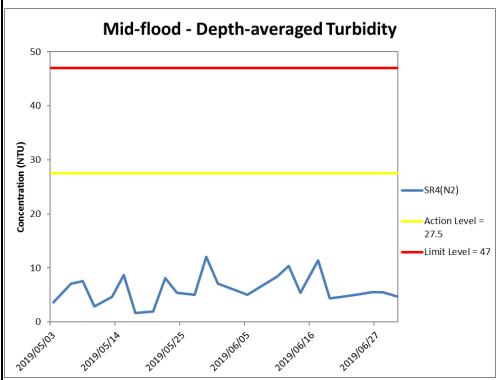
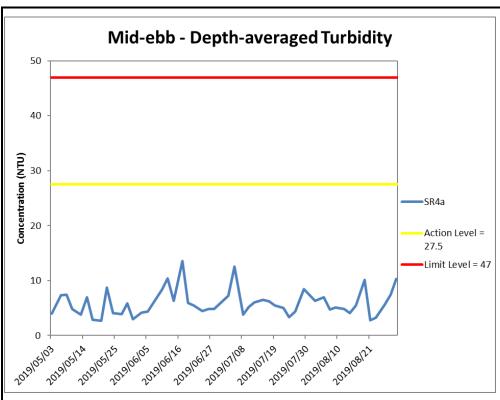


Figure G33 Impact Monitoring – Mean Depth-averaged Level of Turbidity (NTU) between 1 May 2019 and 31 August 2019 at SR4(N2). The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 – 31/8/2019).





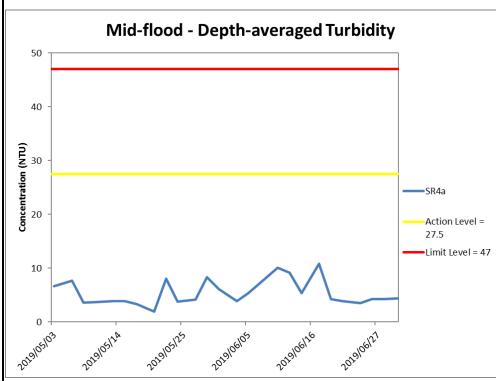


Figure G34 Impact Monitoring – Mean Depth-averaged Level of Turbidity (NTU) between 1 May 2019 and 31 August 2019 at SR4a. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 – 31/8/2019).



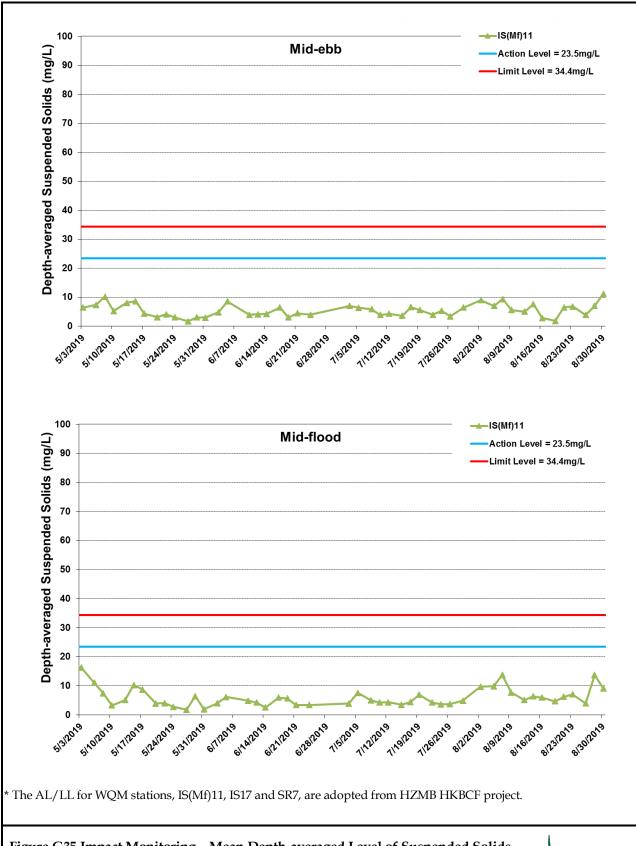
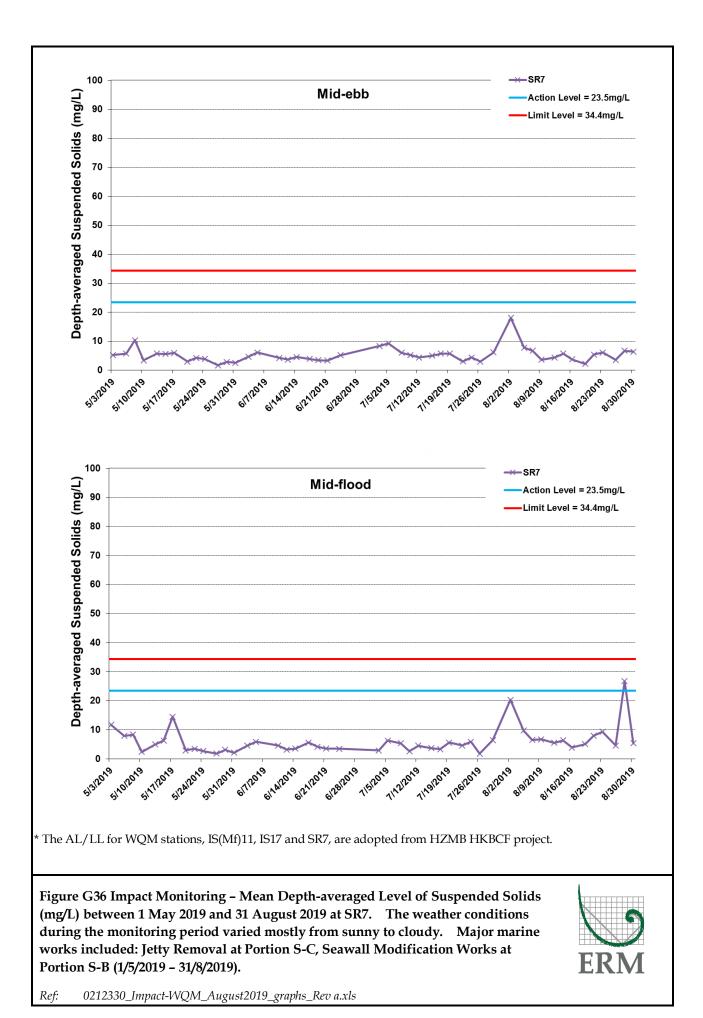
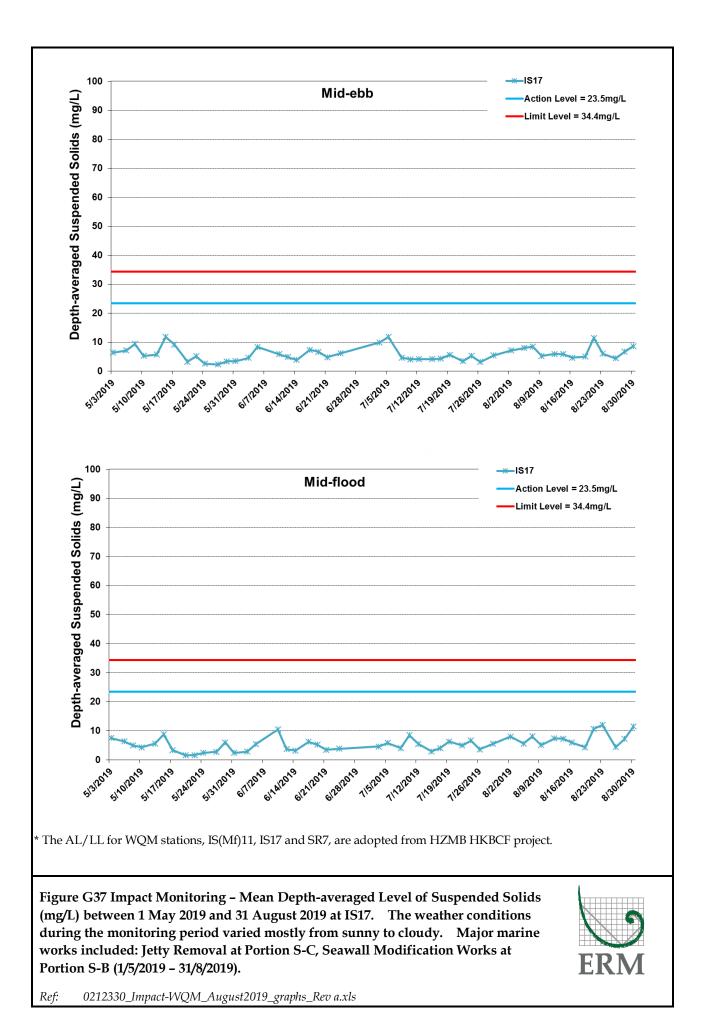
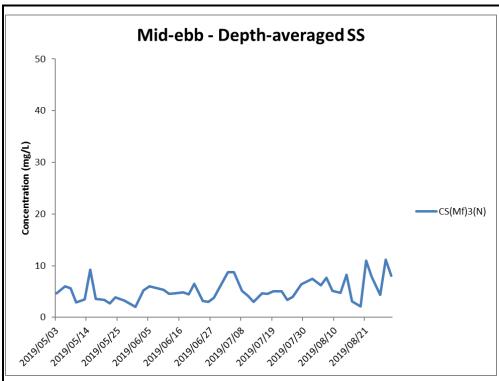


Figure G35 Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 May 2019 and 31 August 2019 at IS(Mf)11. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 – 31/8/2019).









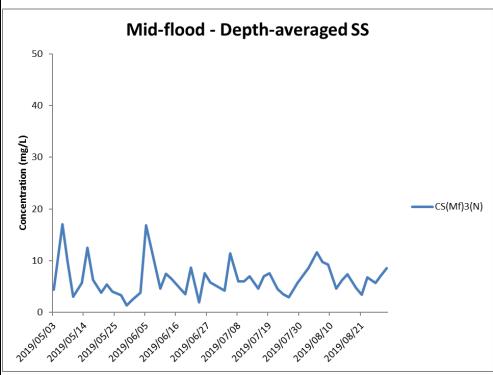
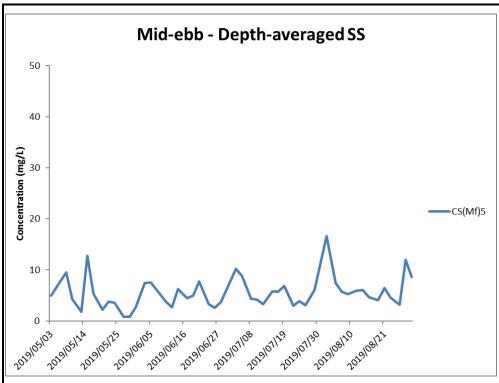


Figure G38 Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 May 2019 and 31 August 2019 at CS(Mf)3(N). The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 – 31/8/2019).





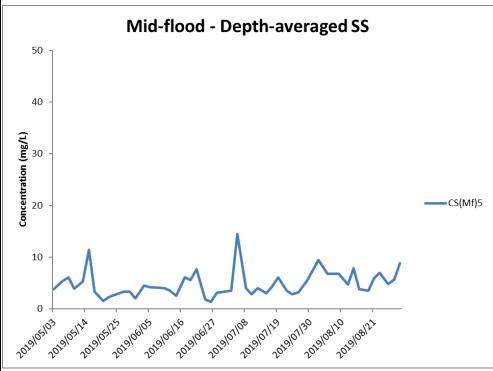
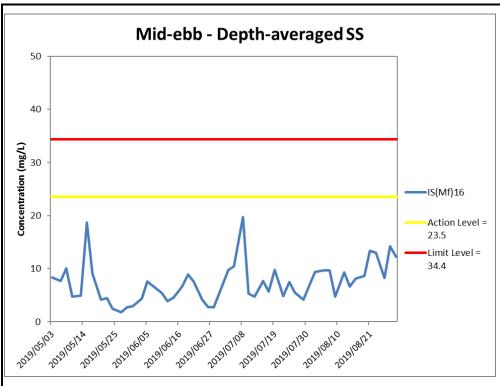


Figure G39 Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 May 2019 and 31 August 2019 at CS(Mf)5. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 – 31/8/2019).





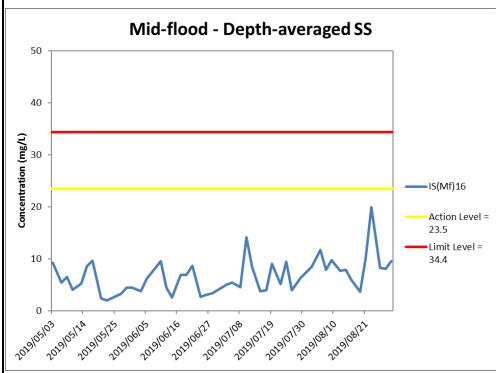
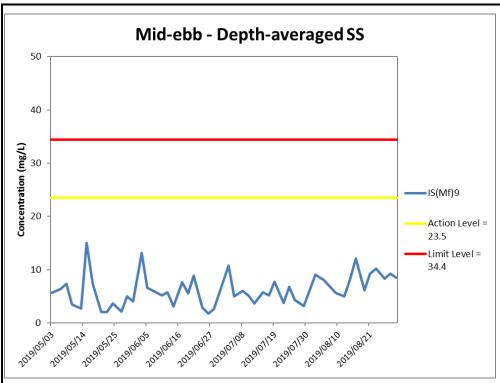


Figure G40 Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 May 2019 and 31 August 2019 at IS(Mf)16. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 – 31/8/2019).





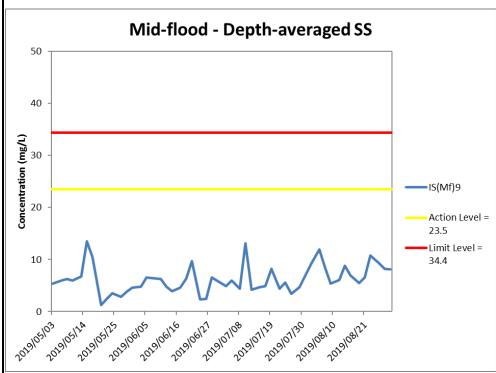
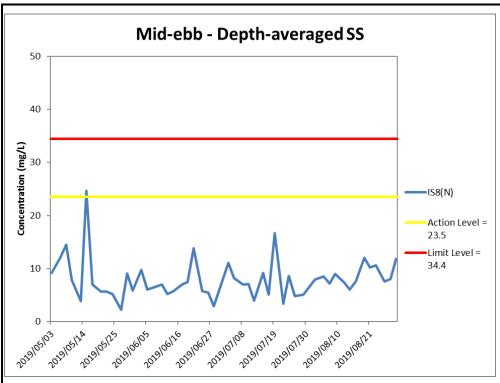


Figure G41 Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 May 2019 and 31 August 2019 at IS(Mf)9. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 – 31/8/2019).





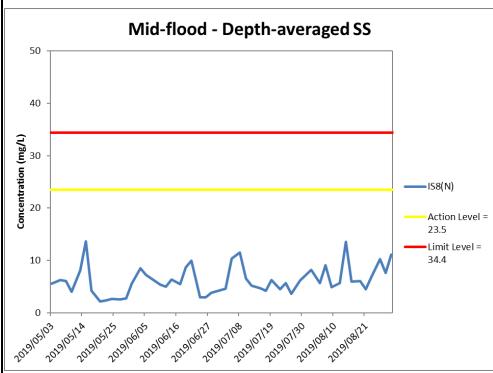
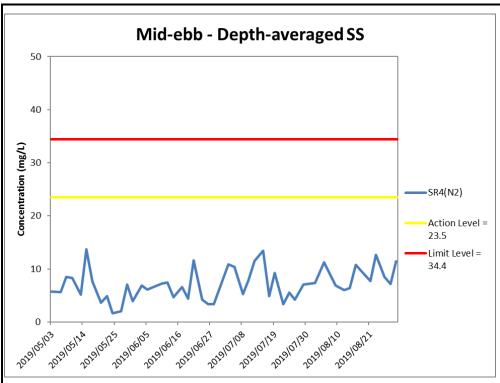


Figure G42 Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 May 2019 and 31 August 2019 at IS8(N). The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 – 31/8/2019).





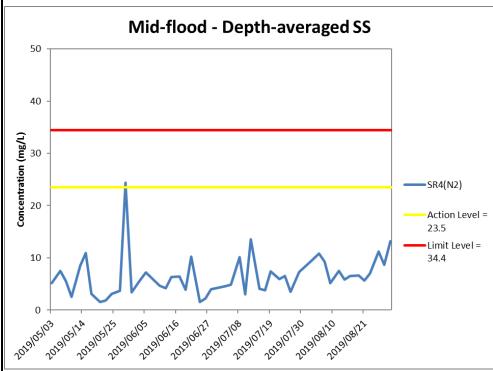
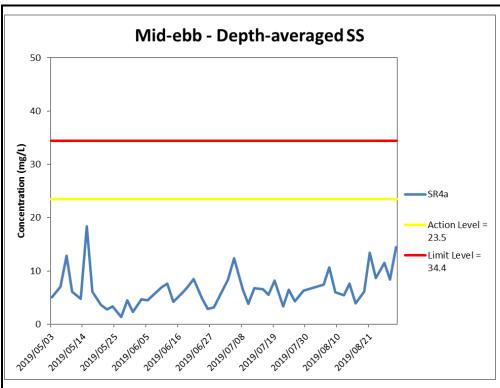


Figure G43 Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 May 2019 and 31 August 2019 at SR4(N2). The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 – 31/8/2019).





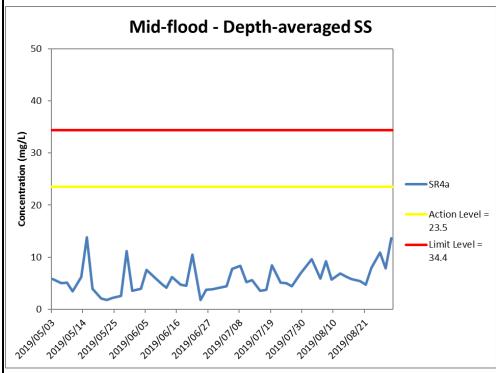


Figure G44 Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between 1 May 2019 and 31 August 2019 at SR4a. The weather conditions during the monitoring period varied mostly from sunny to cloudy. Major marine works included: Jetty Removal at Portion S-C, Seawall Modification Works at Portion S-B (1/5/2019 – 31/8/2019).

