

Appendix E

## Impact Water Quality Monitoring Results

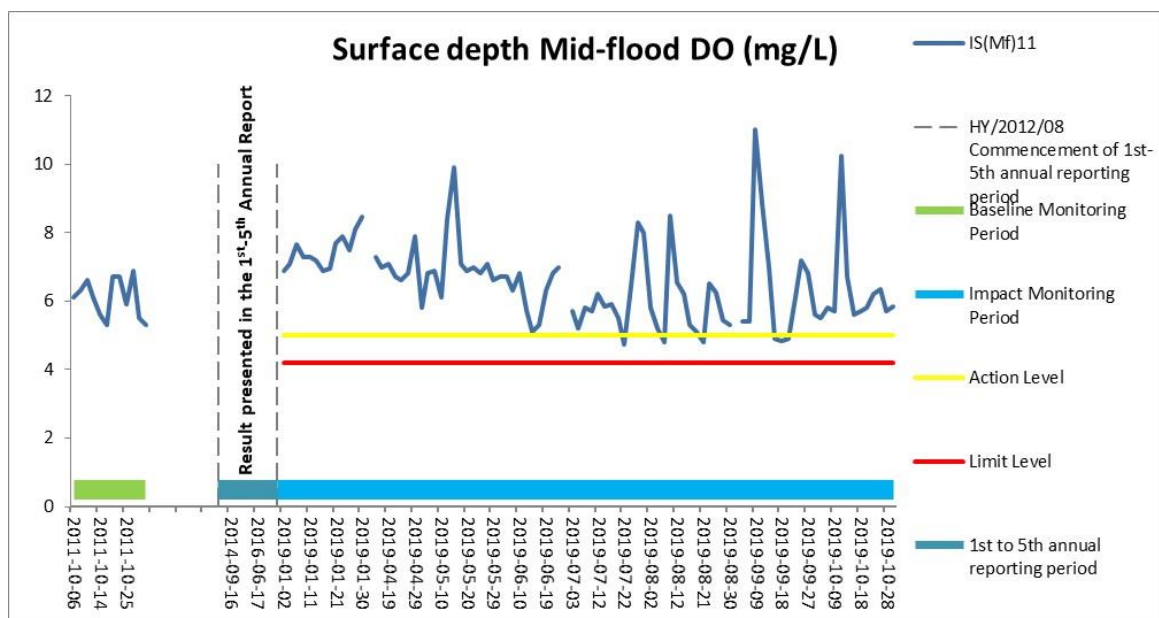
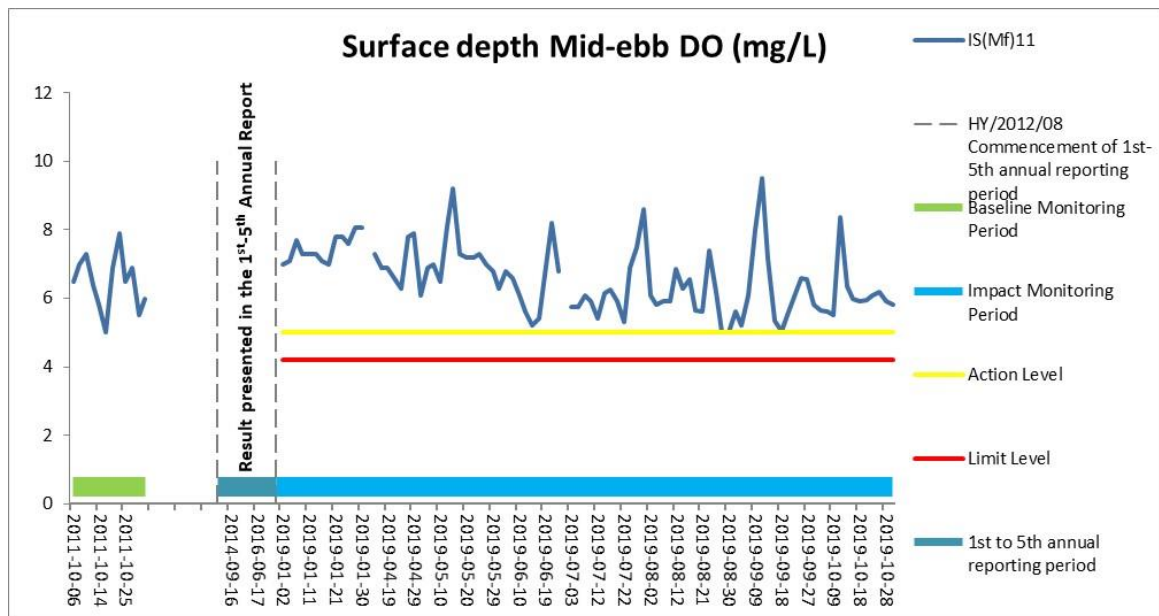


Figure E1 Baseline & Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at IS(Mf)11. Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B



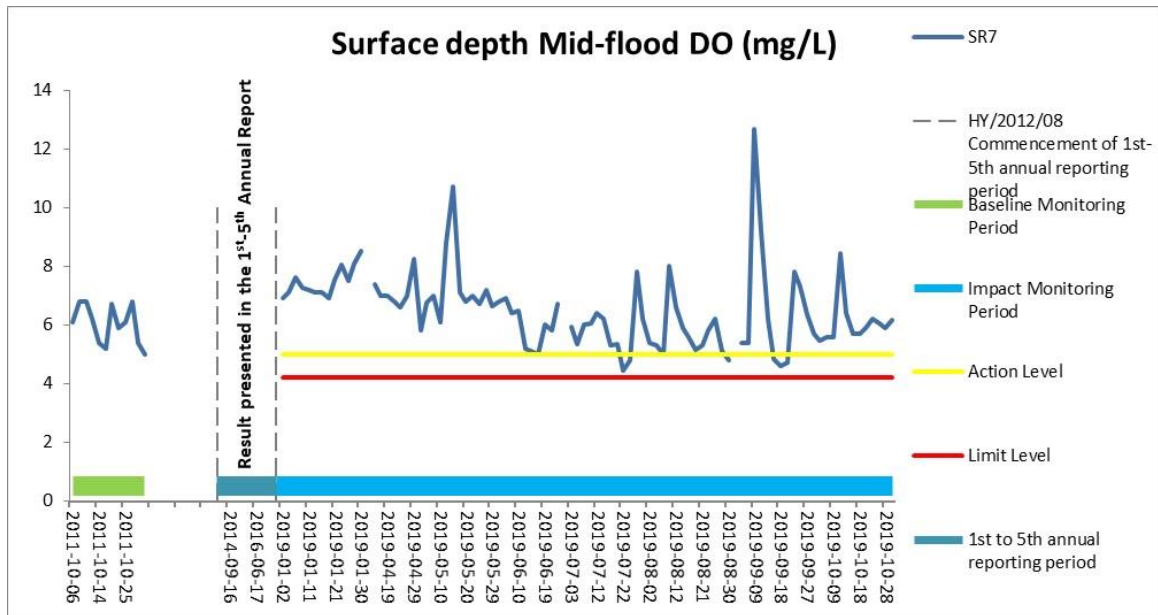
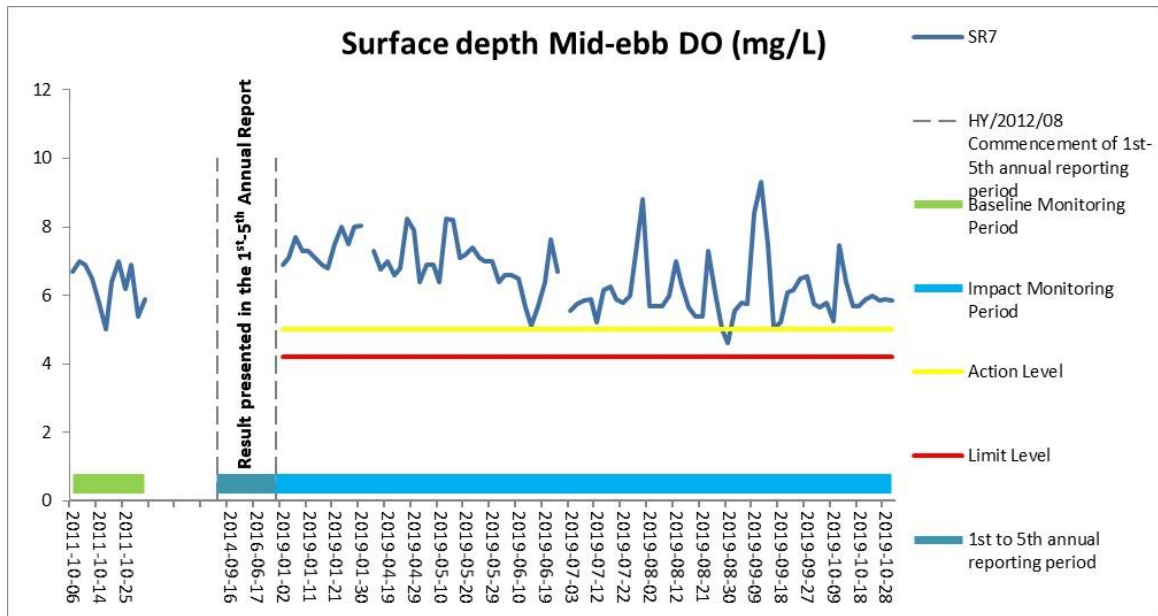


Figure E2 Baseline & Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at SR7. Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B



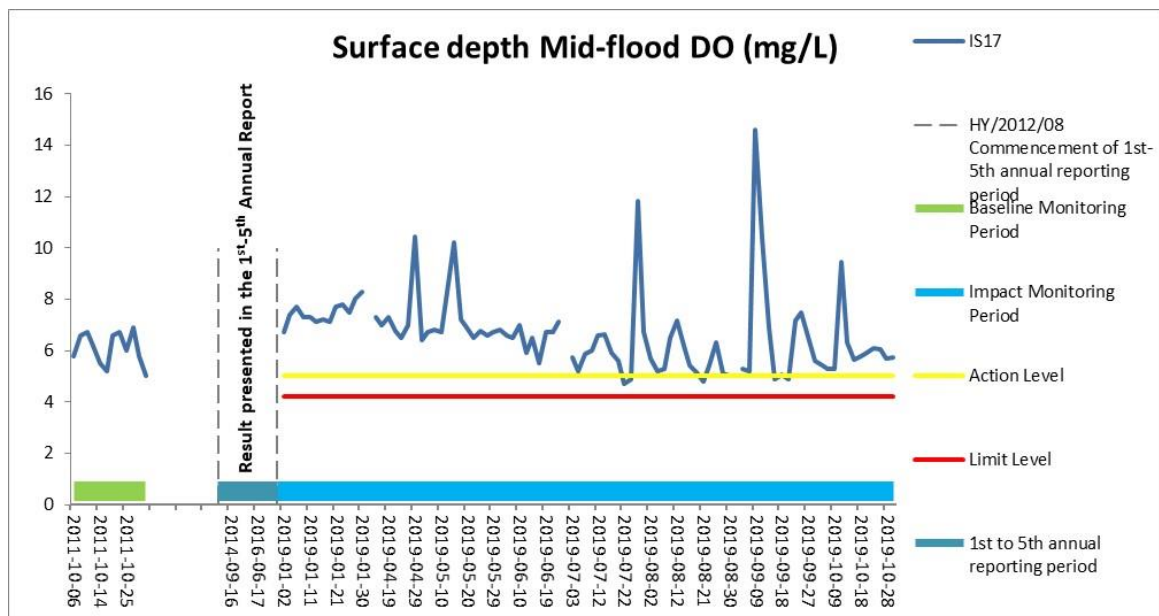
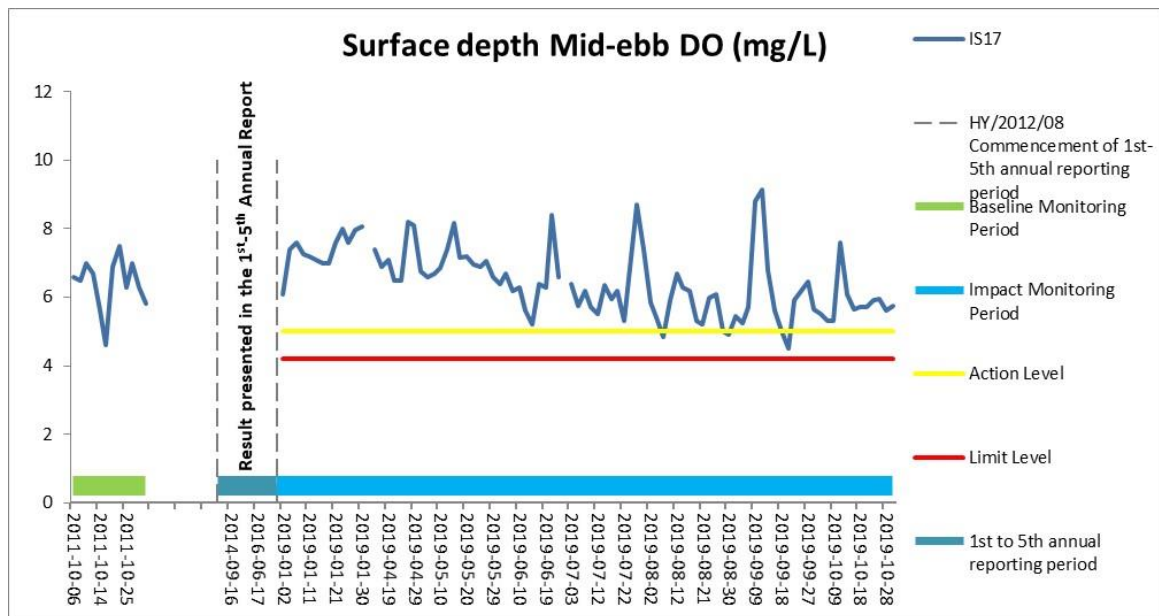


Figure E3 Baseline & Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at IS17. Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B



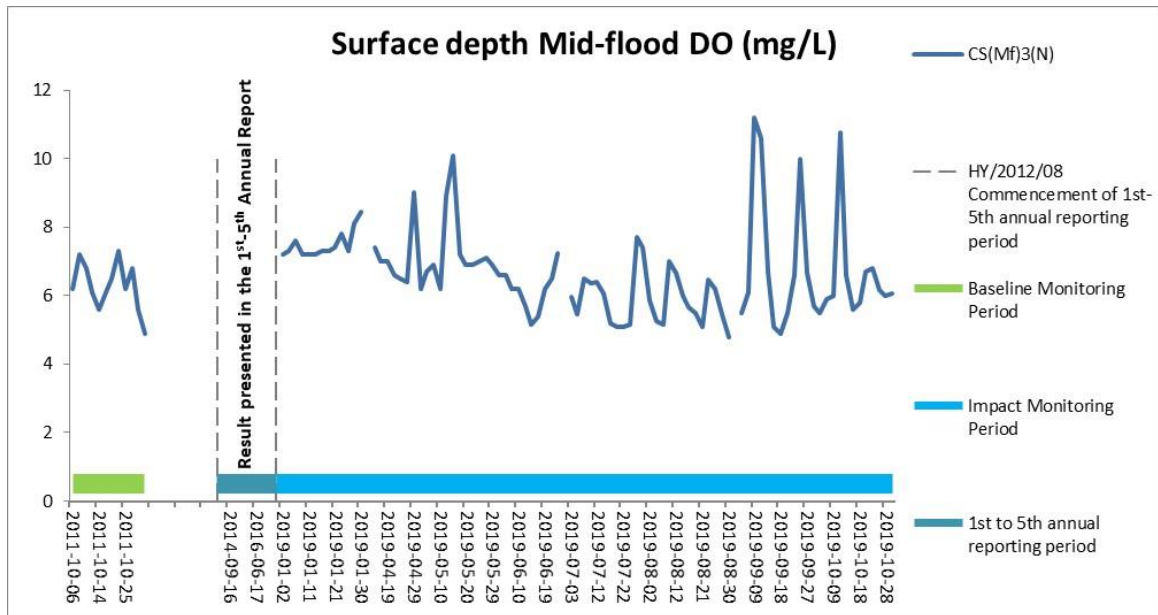
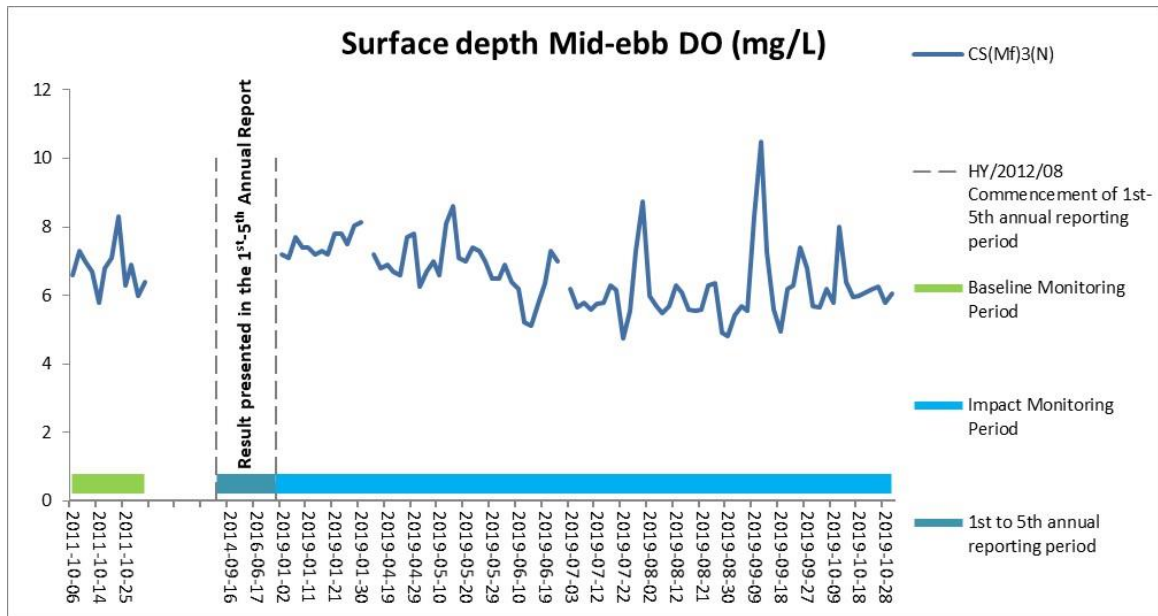


Figure E4 Baseline & Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at CS(Mf)3(N). Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B



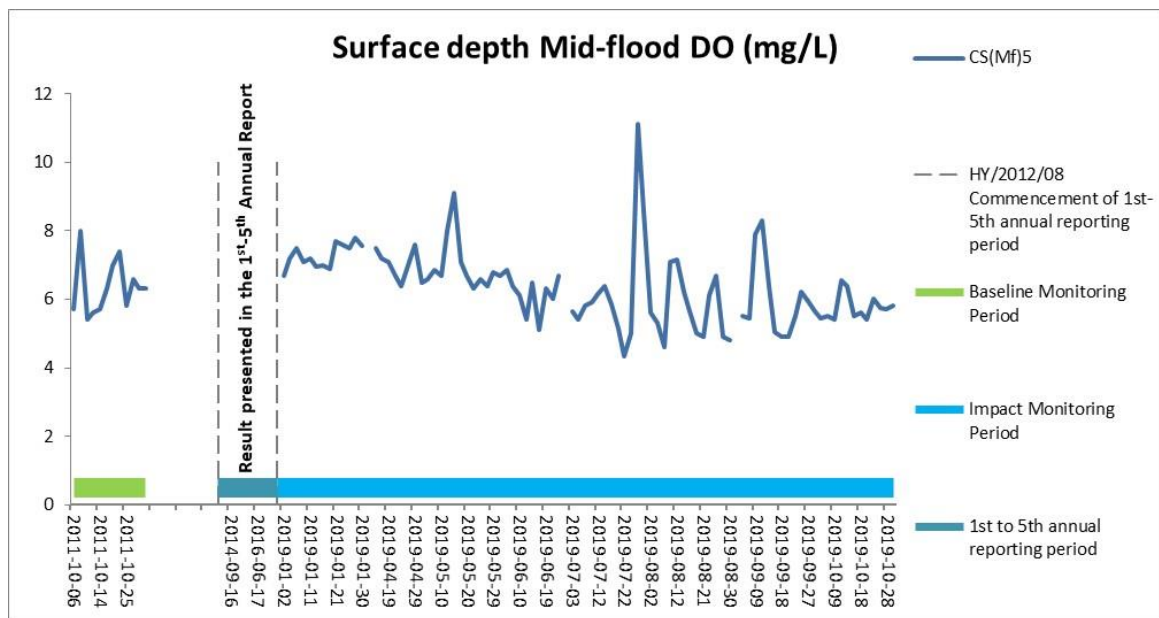
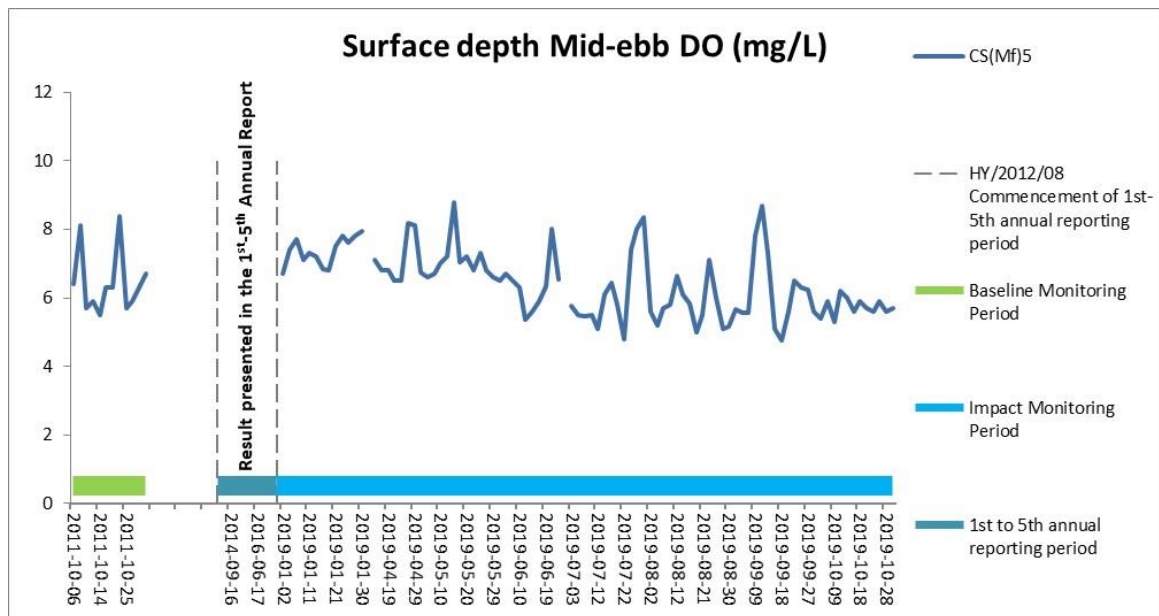


Figure E5 Baseline & Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at CS(Mf)5. Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B



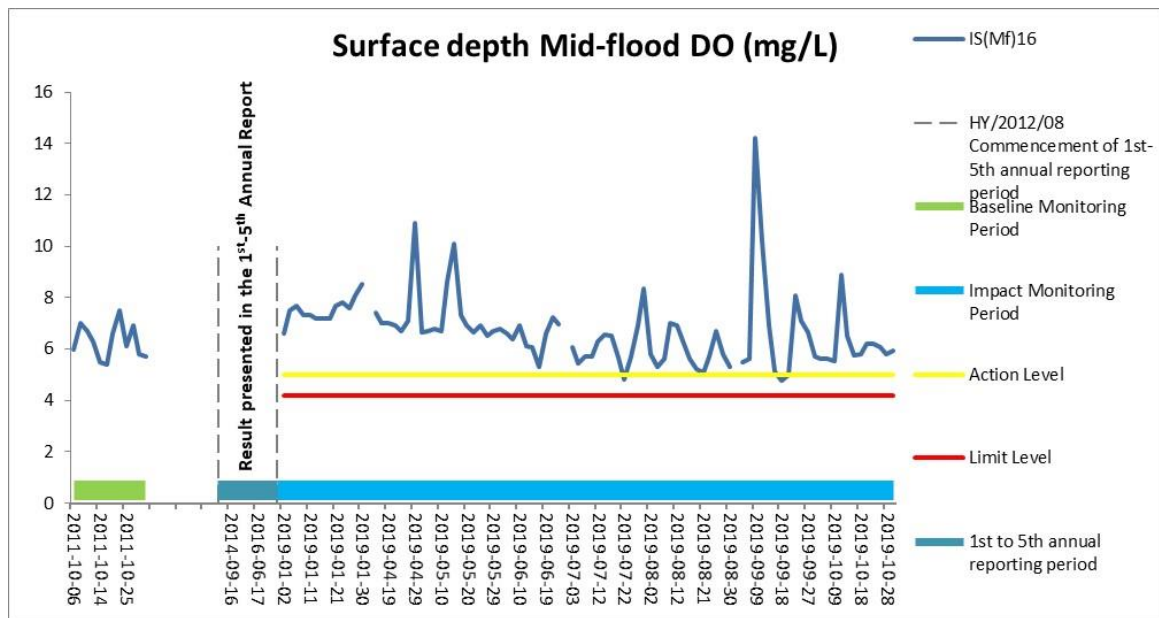
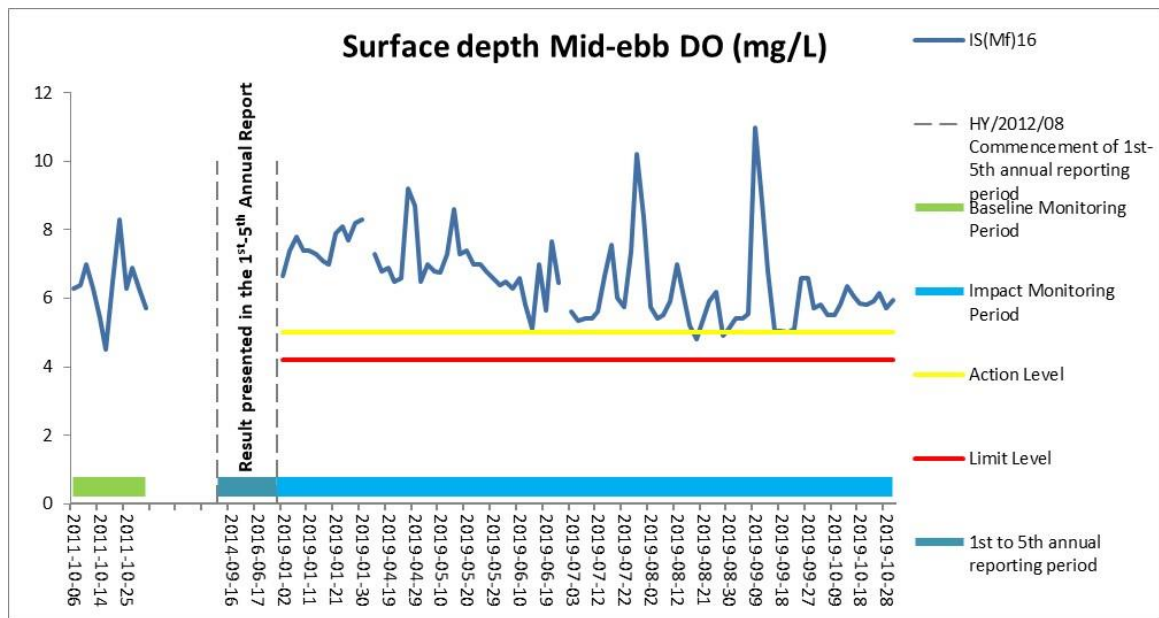


Figure E6 Baseline & Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at IS(Mf)16. Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B



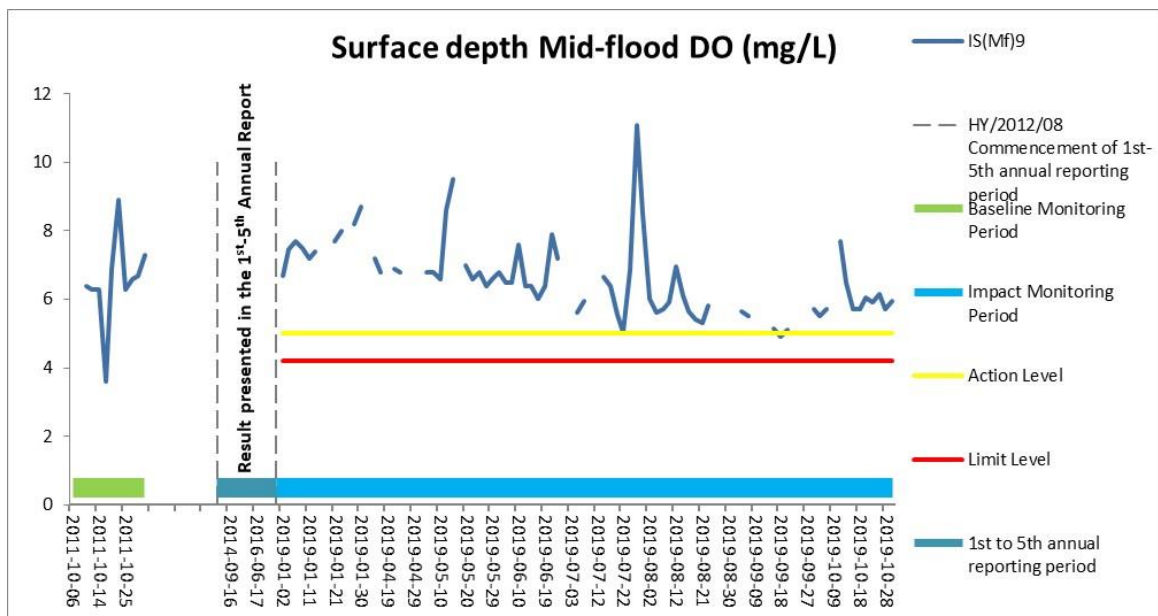
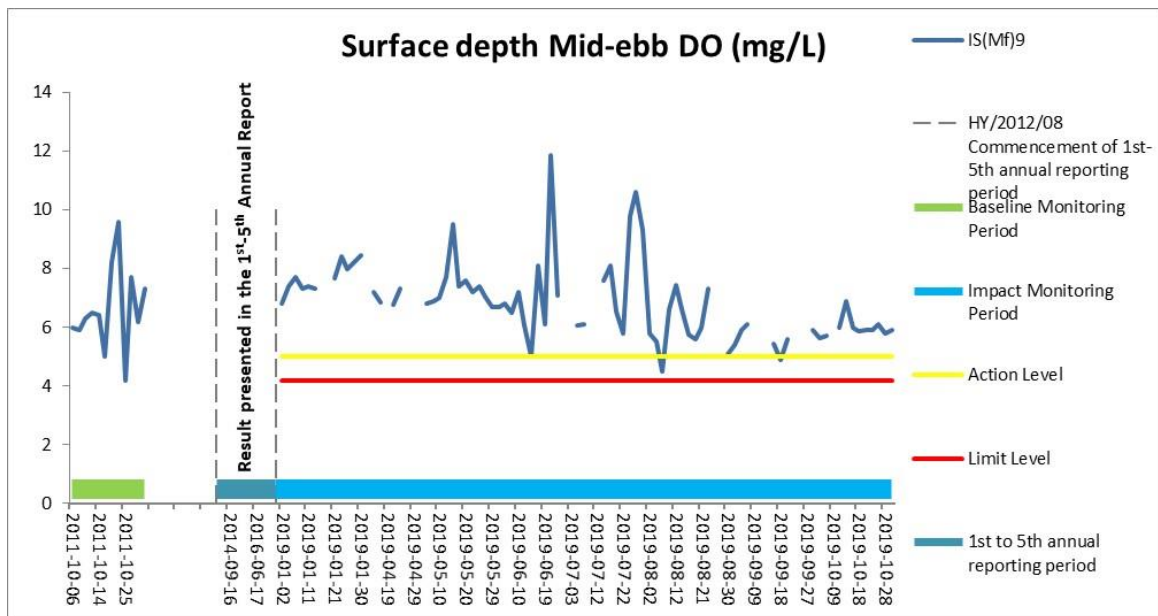


Figure E7 Baseline & Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at IS(Mf)9. Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B





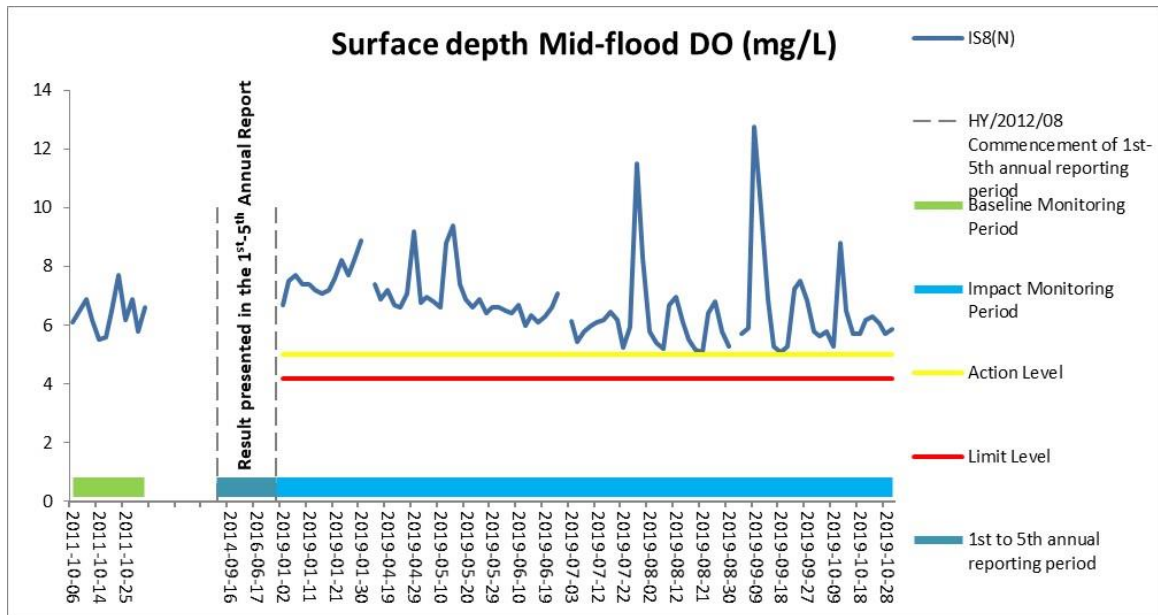
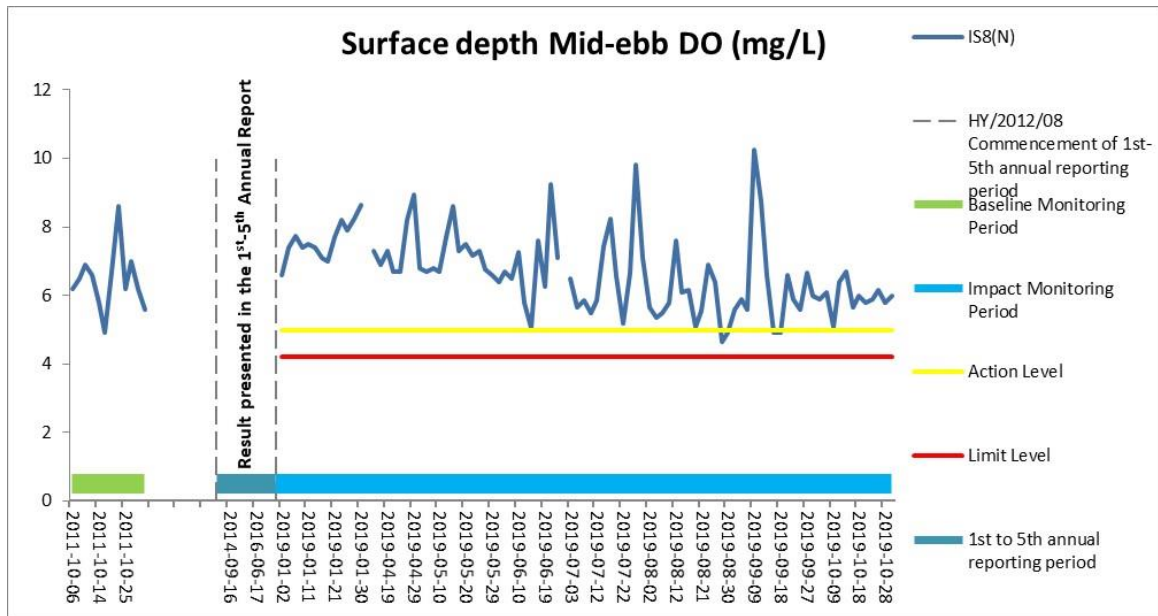


Figure E8 Baseline & Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at IS8(N). Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B



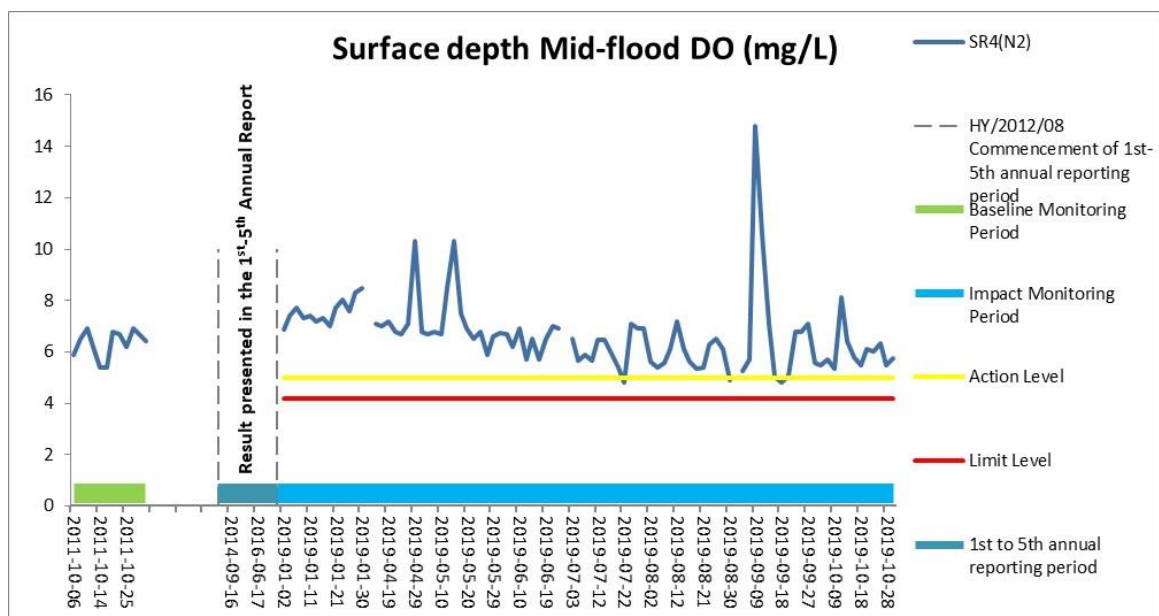
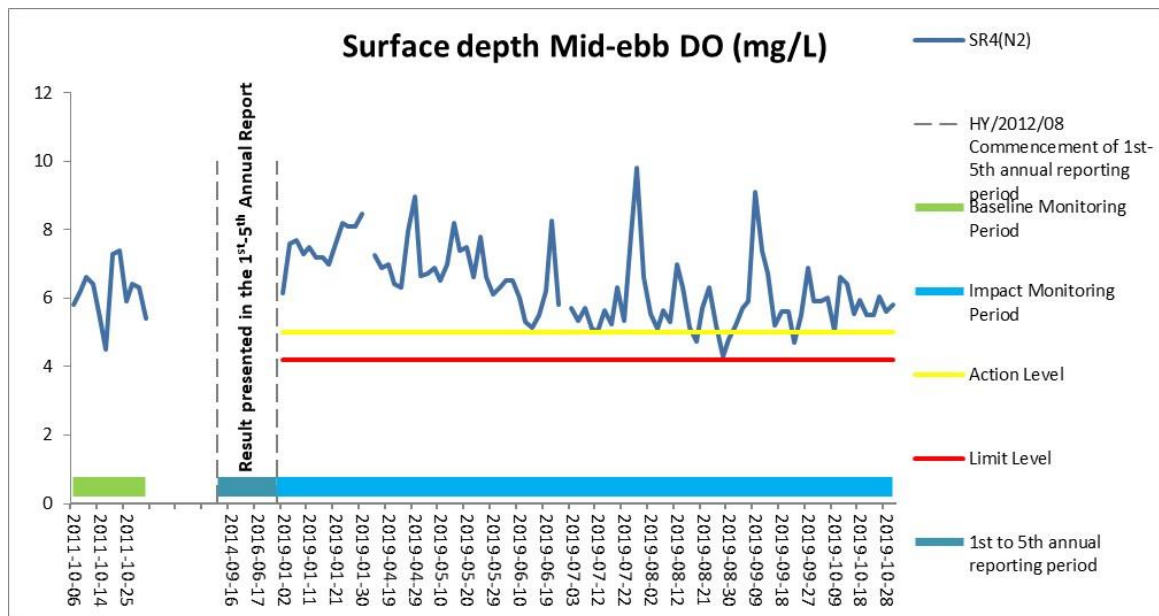
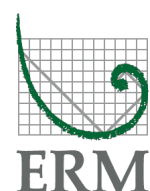


Figure E9 Baseline & Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in surface waters between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at SR4(N2). Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B



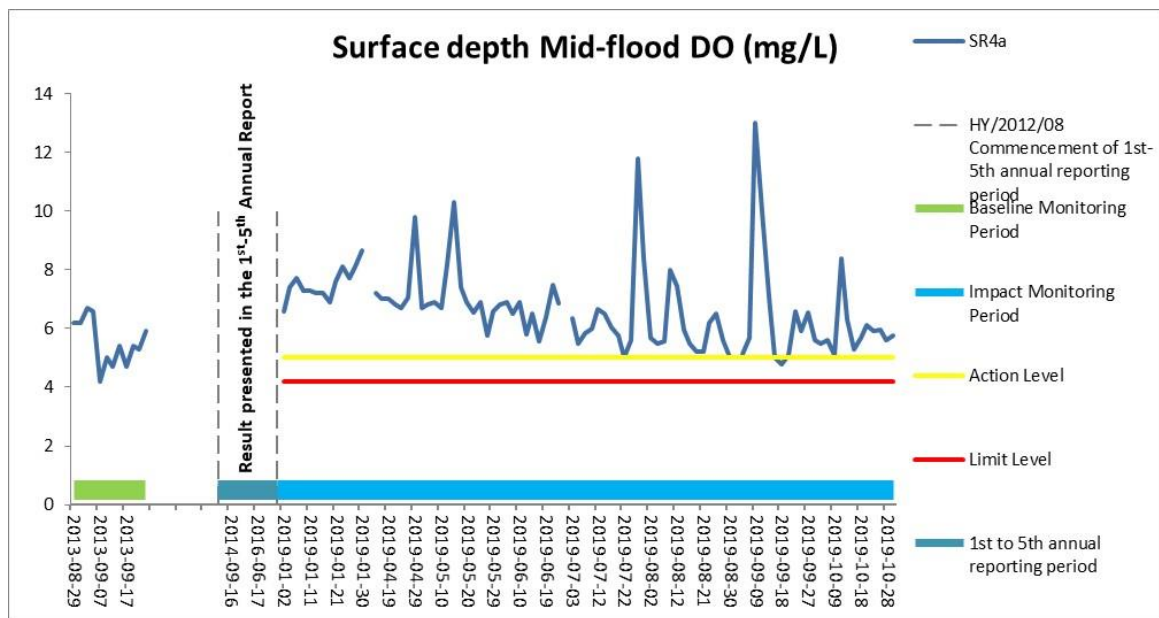
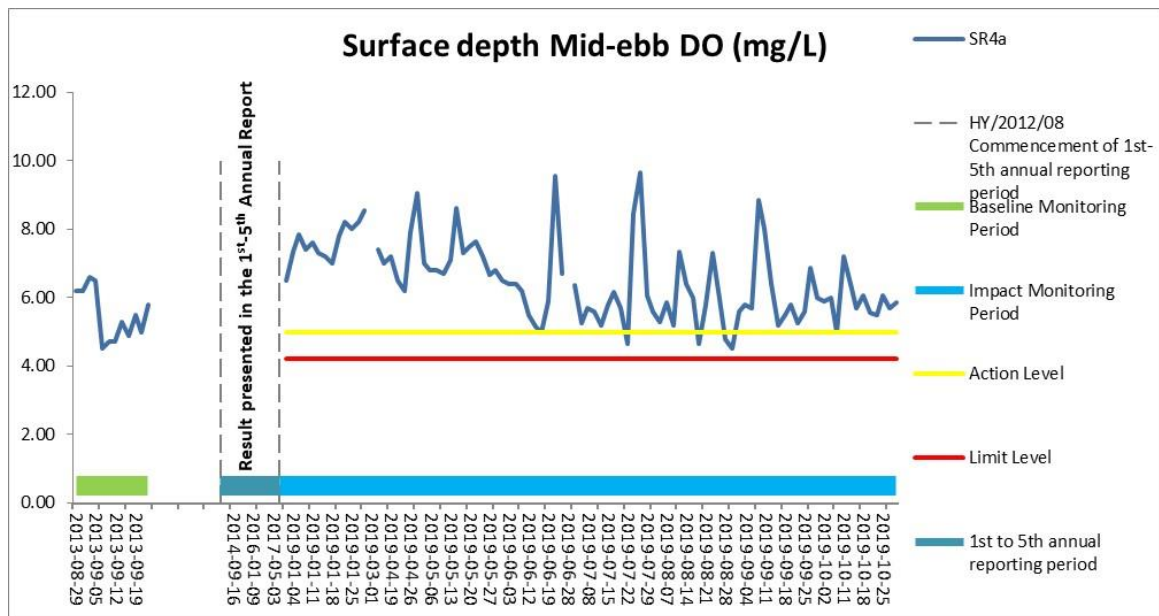
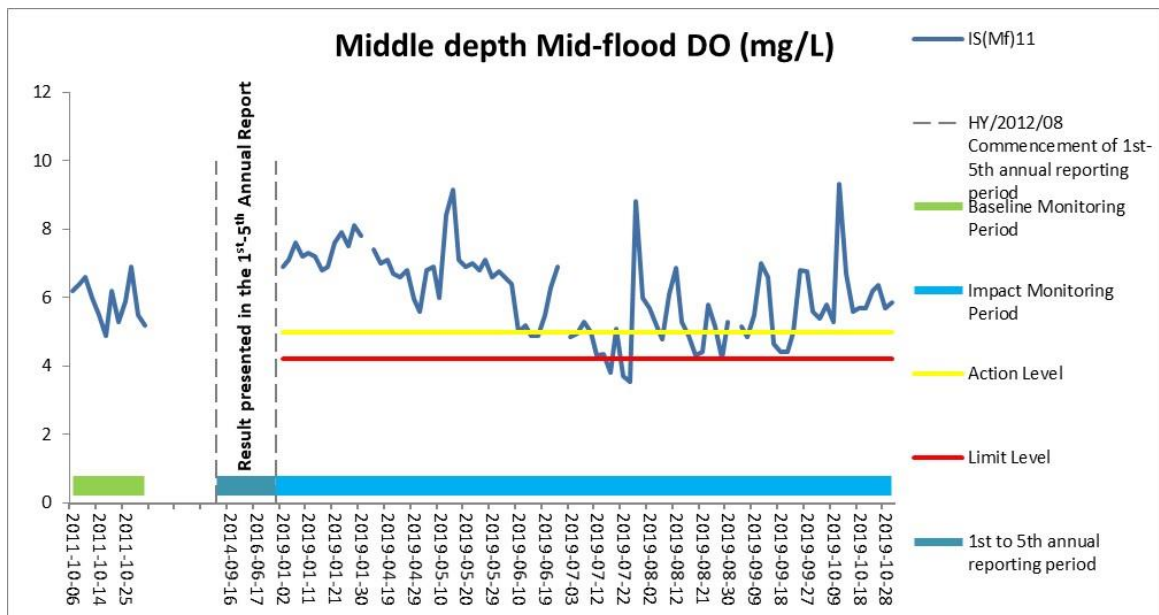
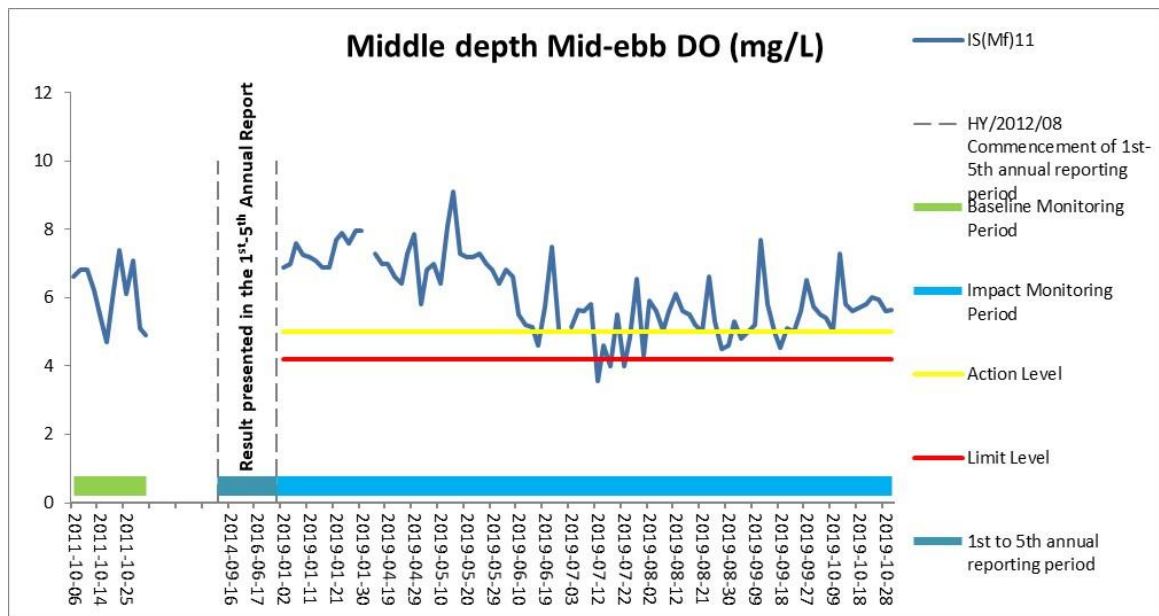


Figure E10 Baseline & Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in surface waters between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at SR4a. Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B

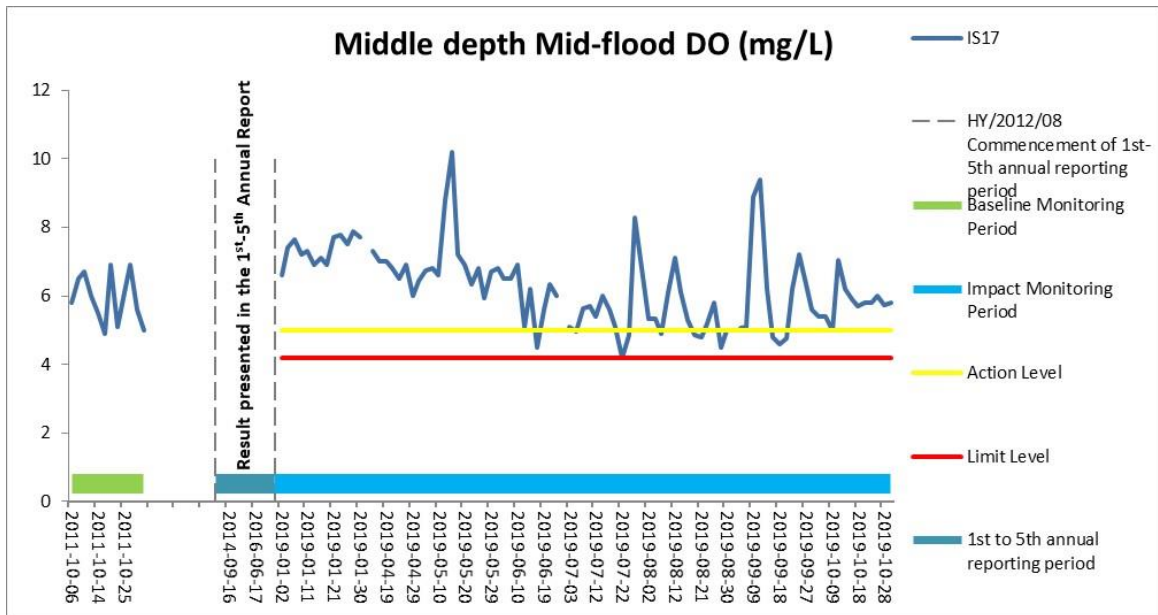
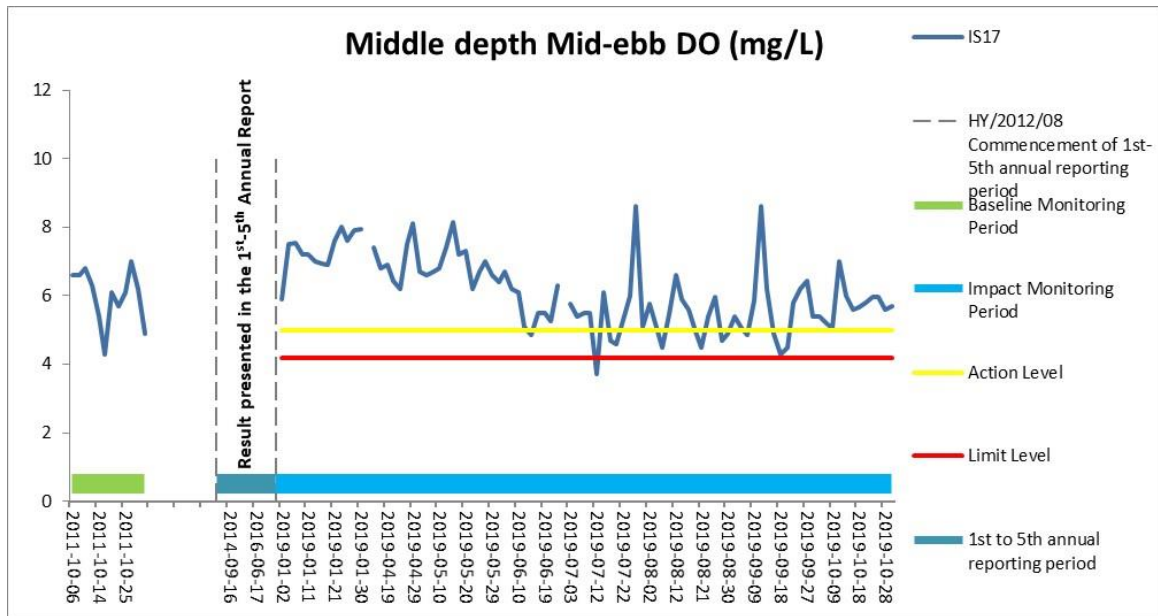




\*No data for Stations SR7, IS8(N), SR4(N2) and SR4a due to shallow water depth (< 6m).

Figure E11 Baseline & Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in mid-depth waters between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at IS(Mf)11. Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B

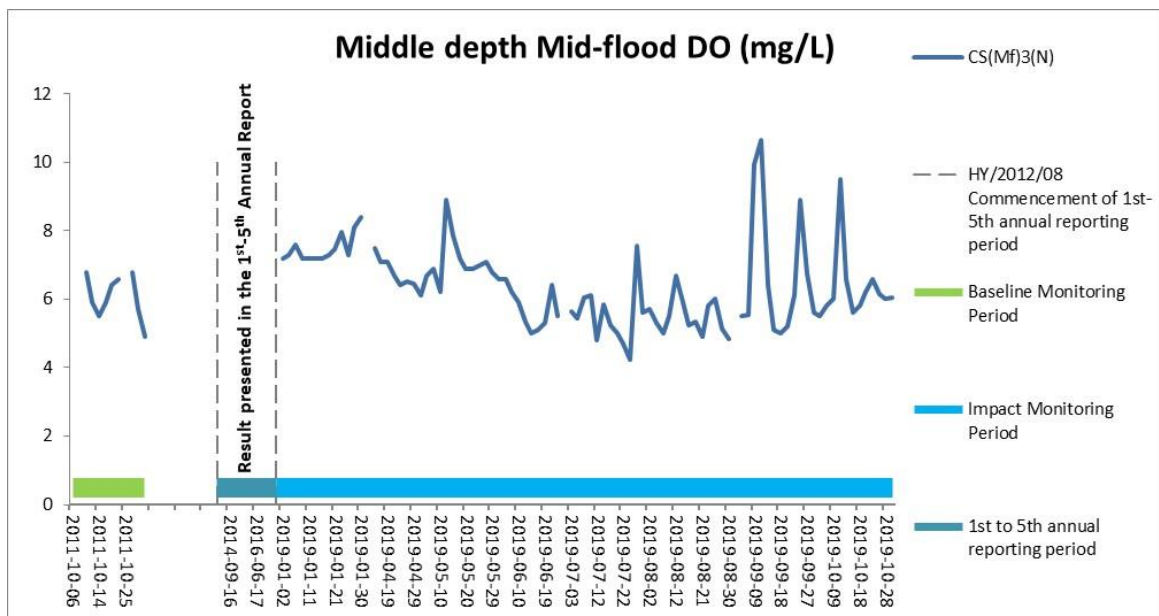
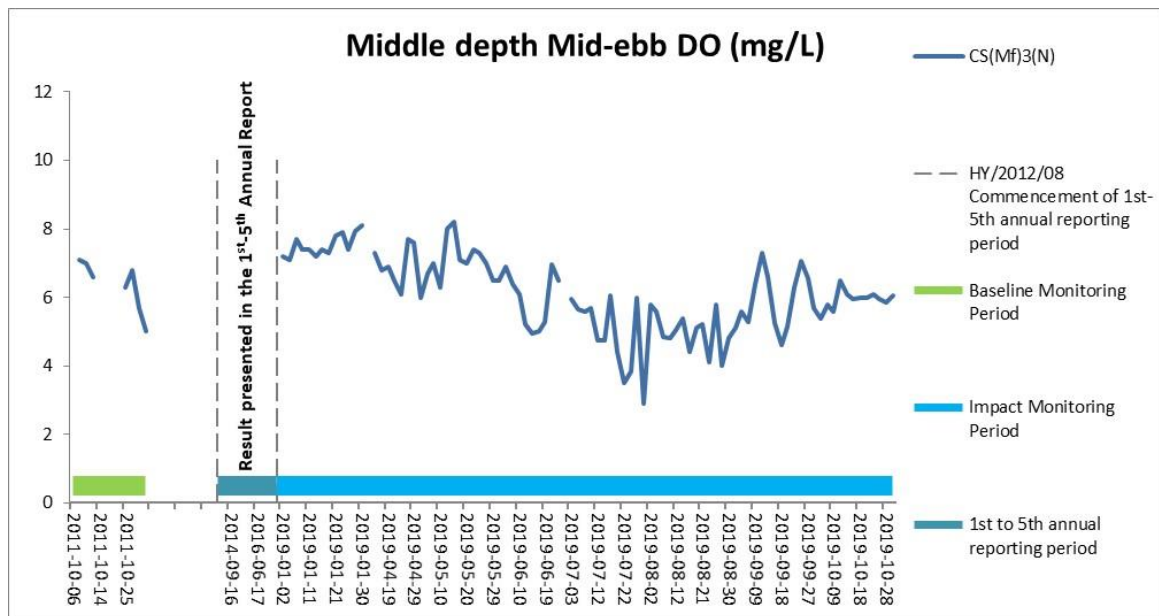




\*No data for Stations SR7, IS8(N), SR4(N2) and SR4a due to shallow water depth (< 6m).

Figure E12 Baseline & Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in mid-depth waters between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at IS17. Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B

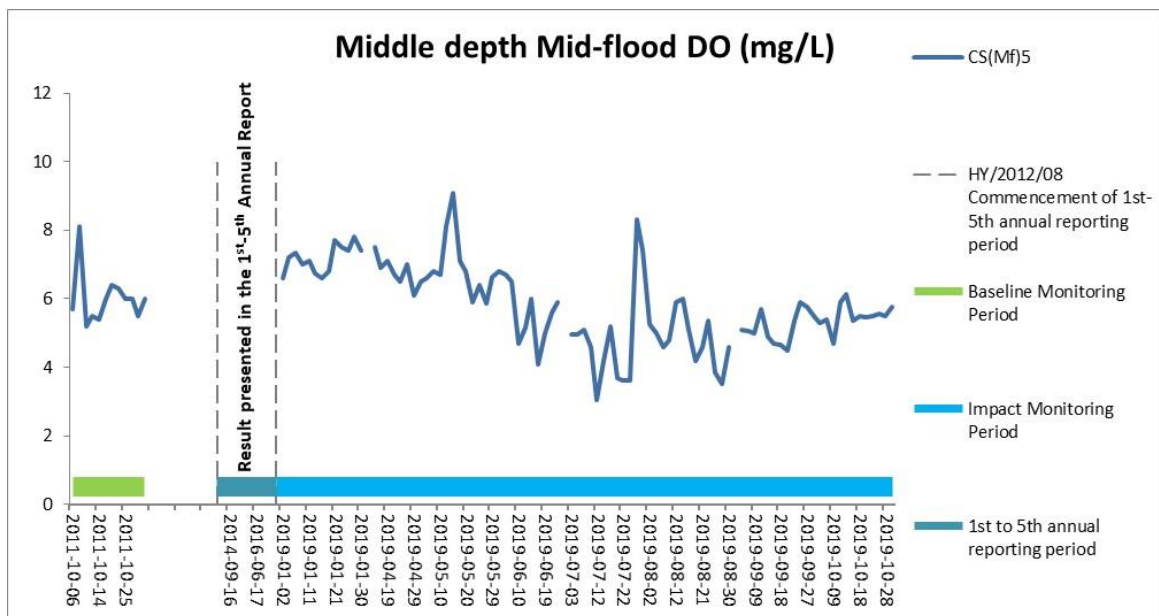
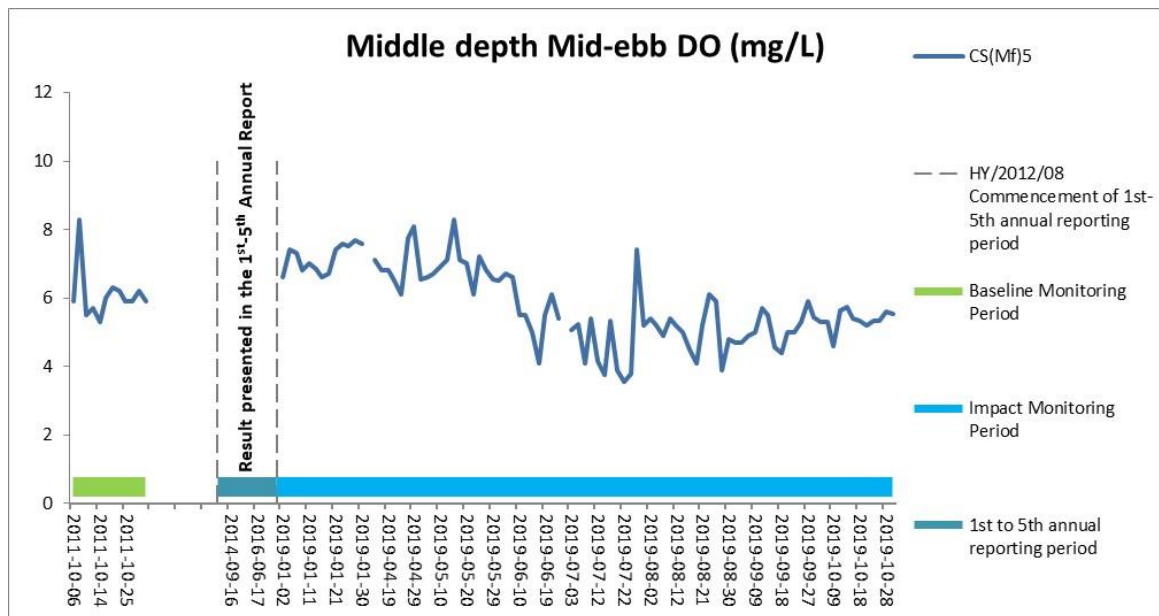




\*No data for Stations SR7, IS8(N), SR4(N2) and SR4a due to shallow water depth (< 6m).

Figure E13 Baseline & Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in mid-depth waters between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at CS(Mf)3(N). Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B

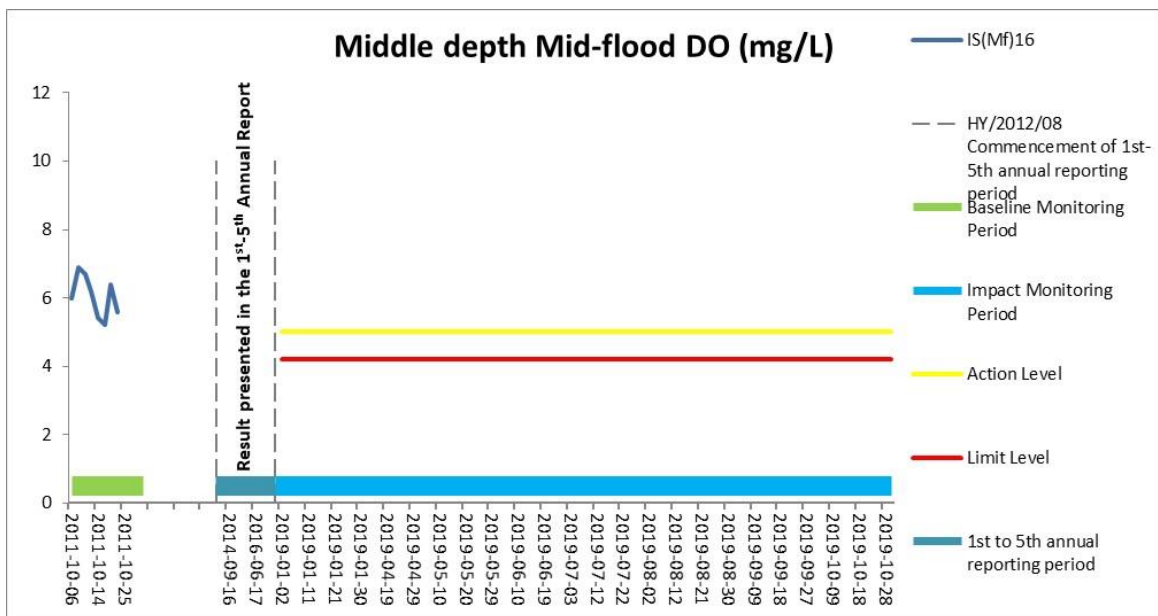
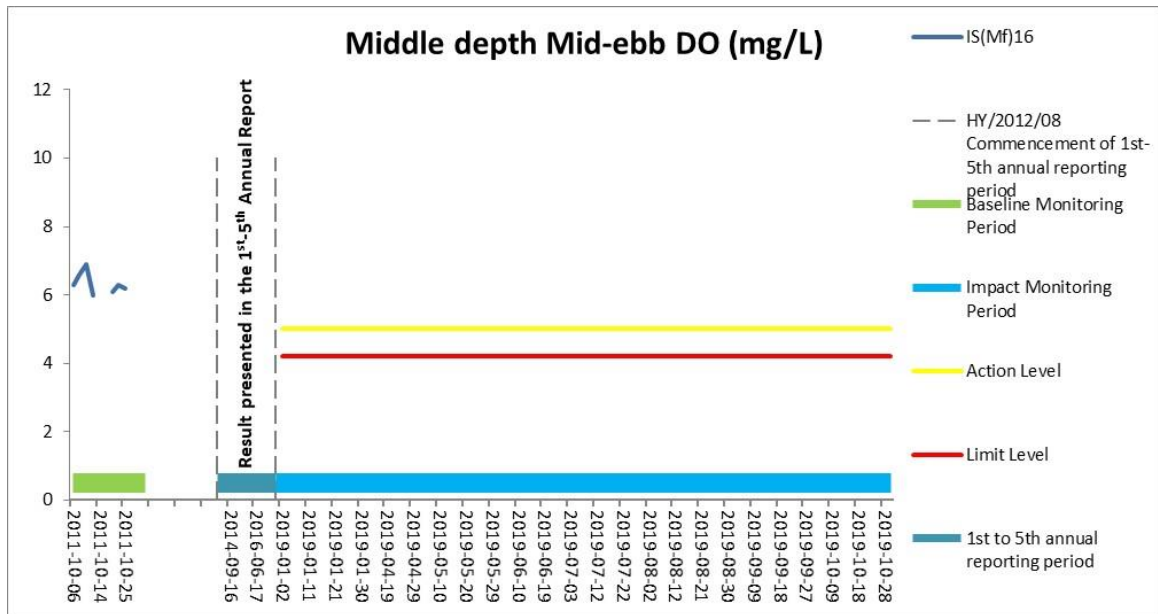




\*No data for Stations SR7, IS8(N), SR4(N2) and SR4a due to shallow water depth (< 6m).

Figure E14 Baseline & Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in mid-depth waters between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at CS(Mf)5. Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B



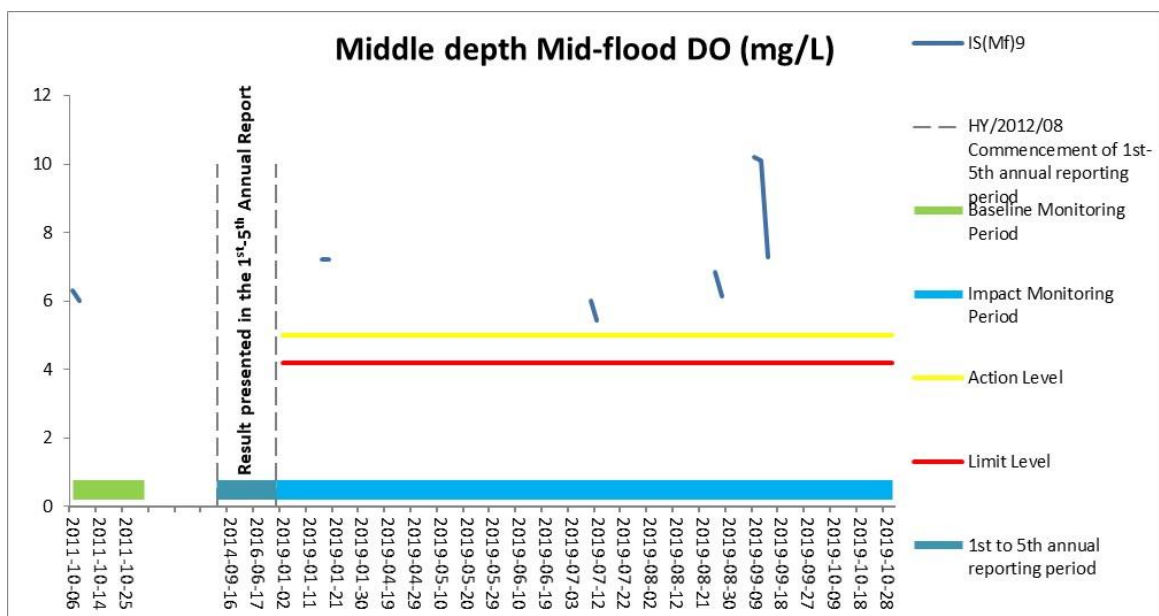
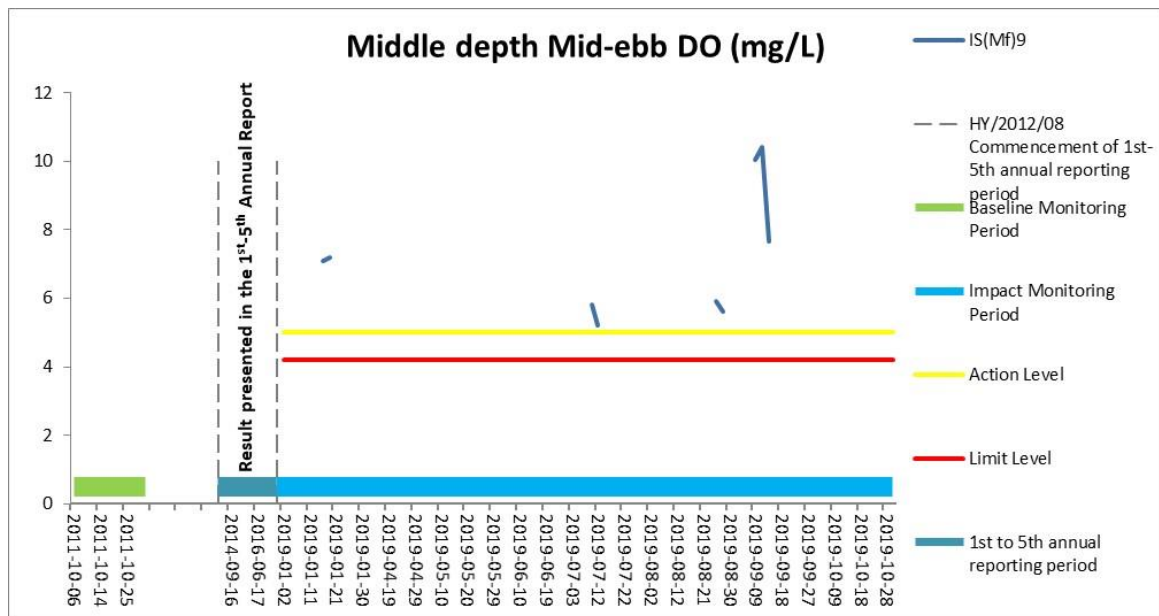


\*No data for Stations SR7, IS8(N), SR4(N2) and SR4a due to shallow water depth (< 6m).

Figure E15 Baseline & Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in mid-depth waters between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at IS(Mf)16. Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B

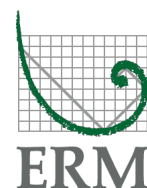






\*No data for Stations SR7, IS8(N), SR4(N2) and SR4a due to shallow water depth (< 6m).

Figure E16 Baseline & Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in mid-depth waters between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at IS(Mf)9. Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B



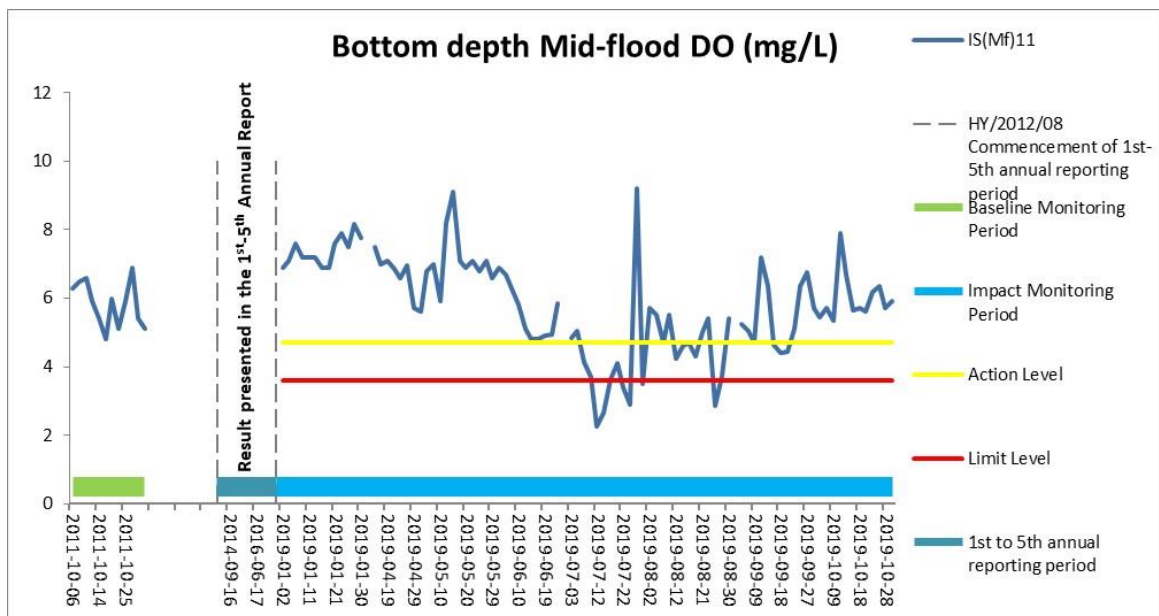
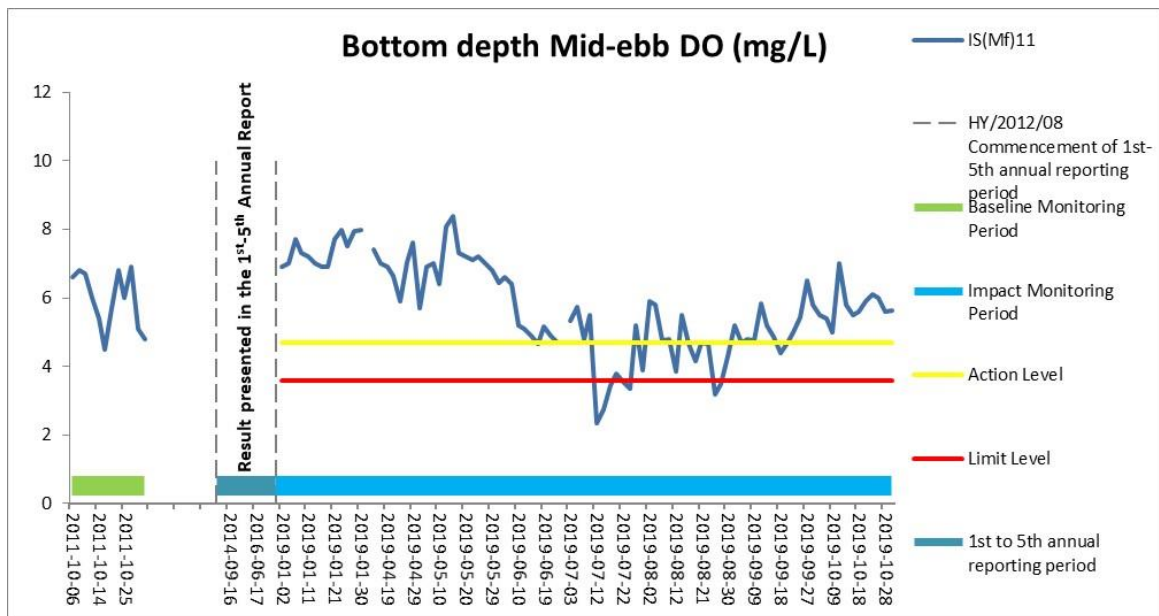


Figure E17 Baseline & Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at IS(Mf)11. Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B



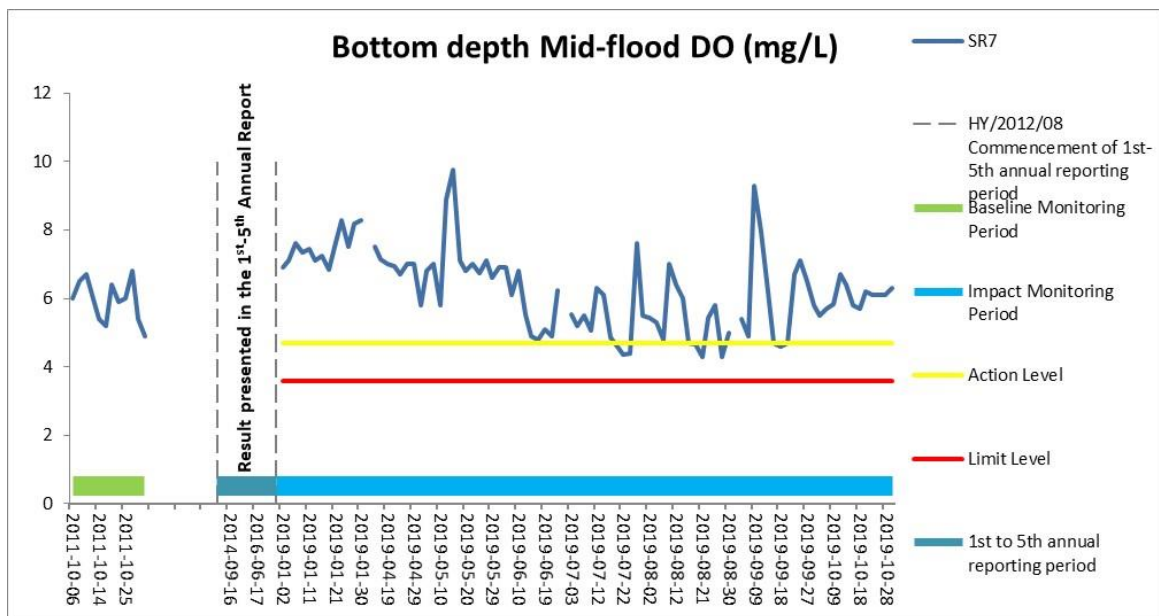
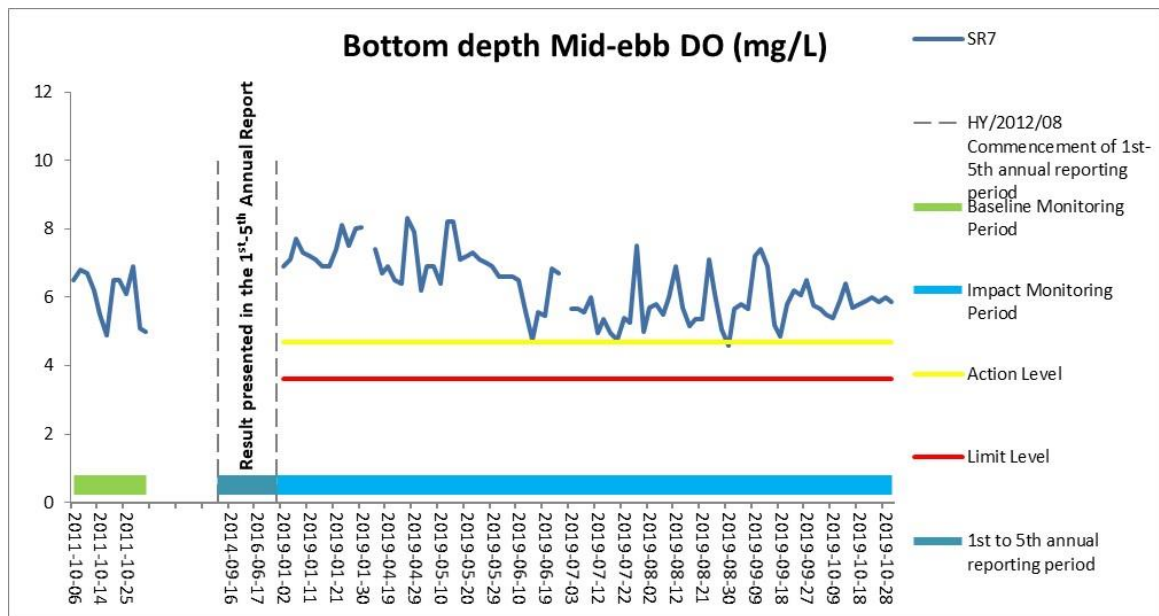


Figure E18 Baseline & Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at SR7. Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B



Ref: 0212330\_Impact-WQM\_6th annual.xlsx

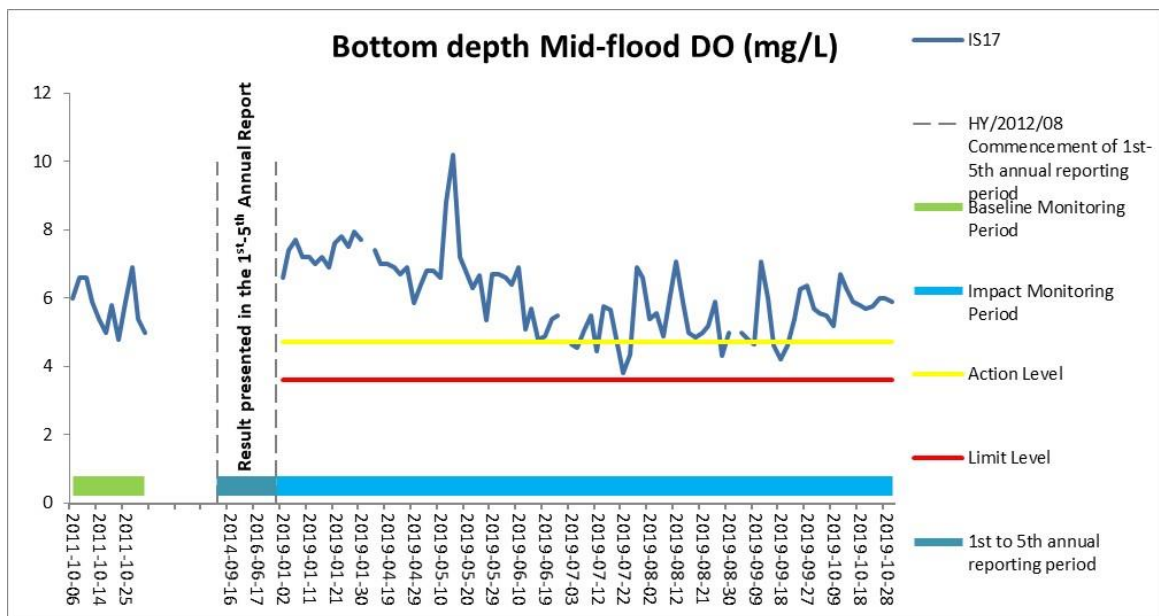
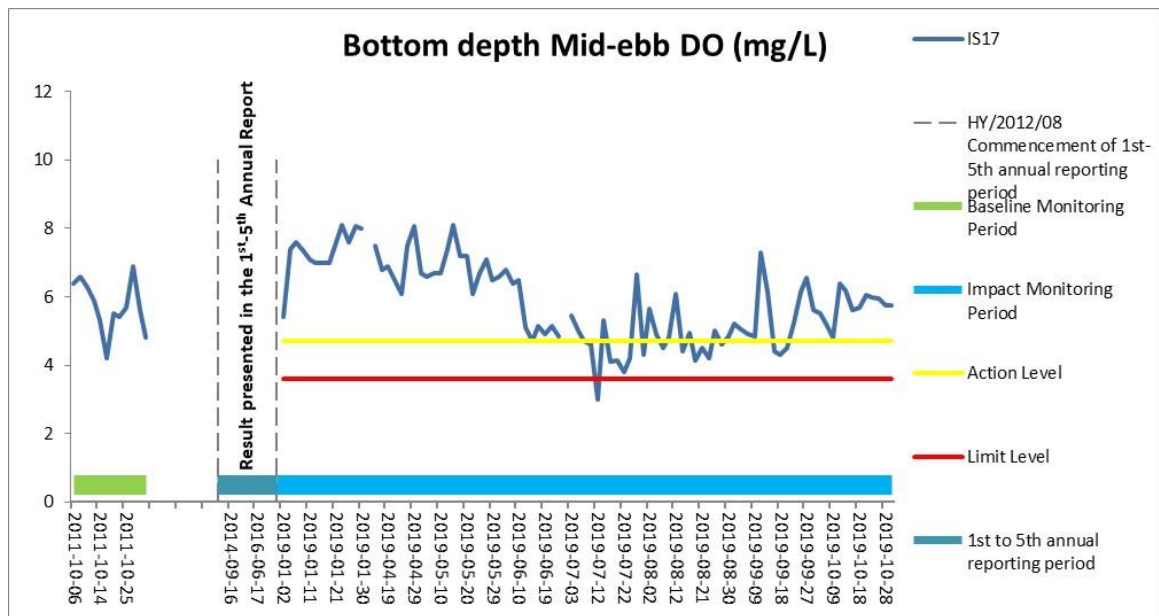


Figure E19 Baseline & Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at IS17. Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B



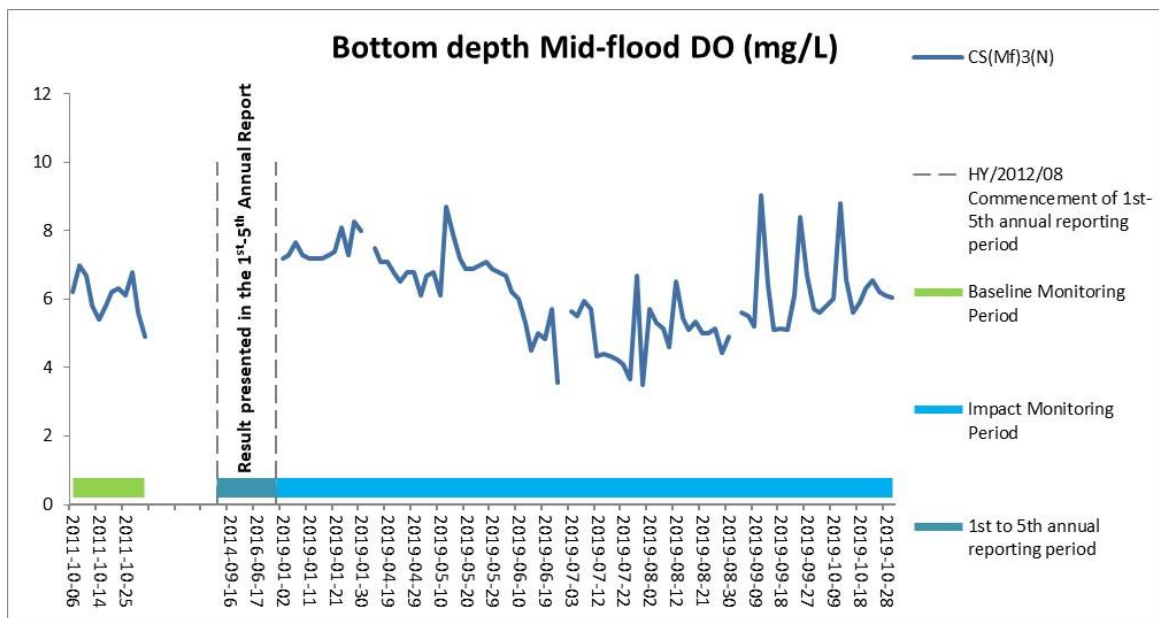
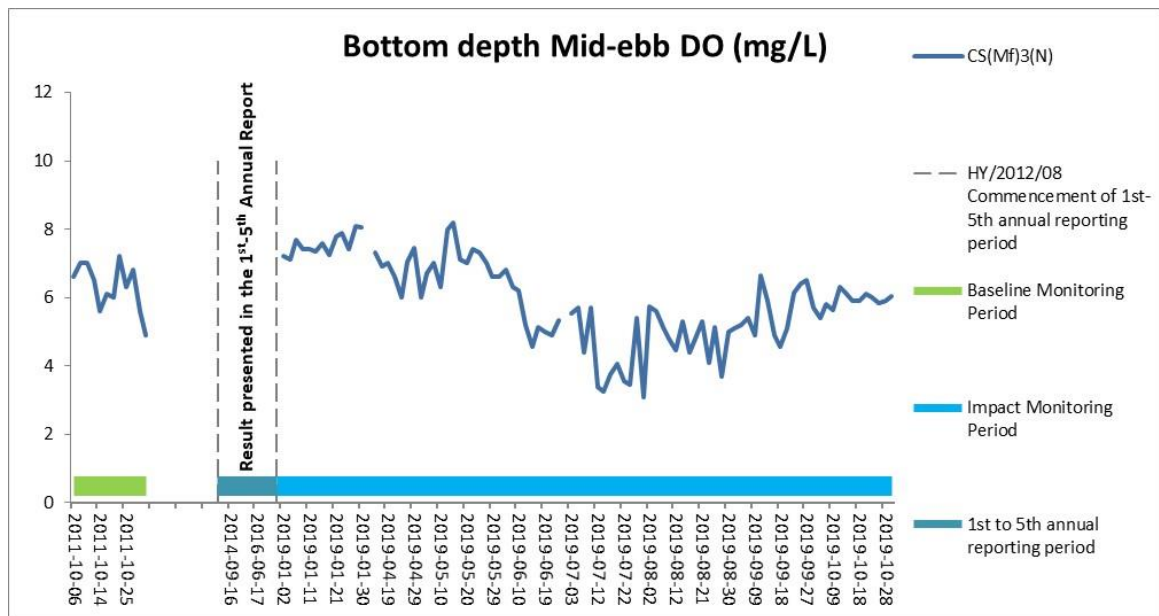


Figure E20 Baseline & Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at CS(Mf)3(N). Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B



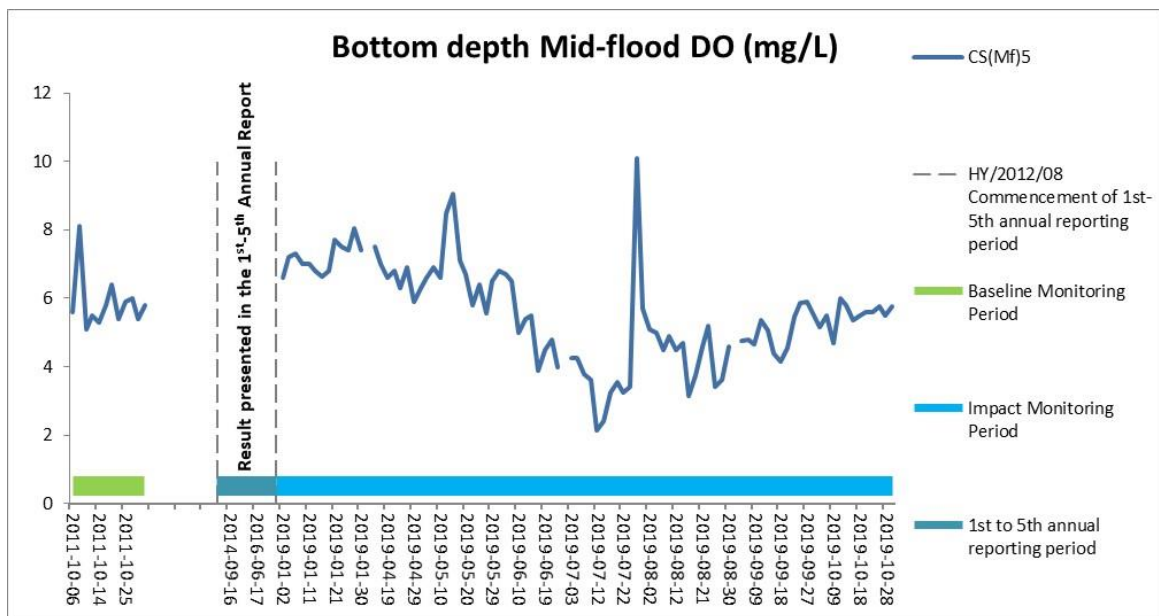
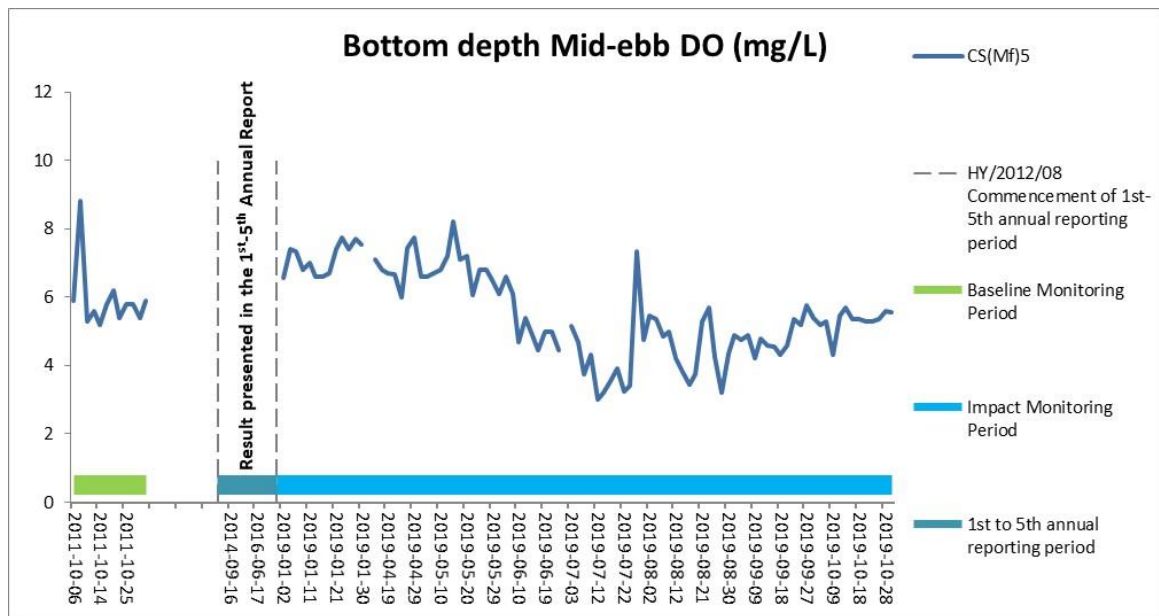


Figure E21 Baseline & Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at CS(Mf)5. Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B



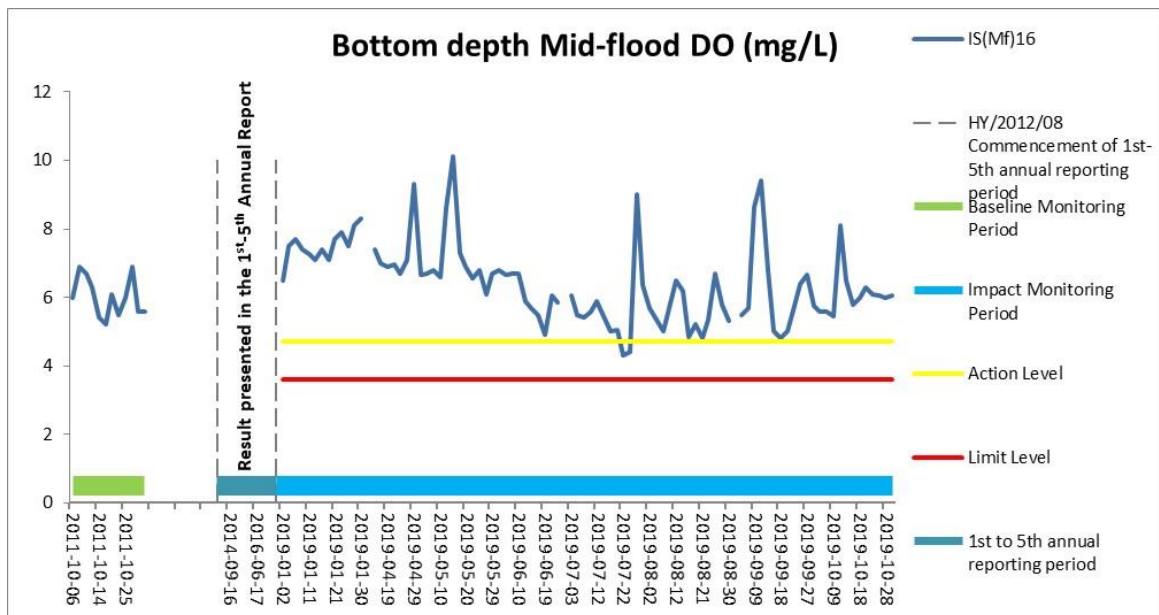
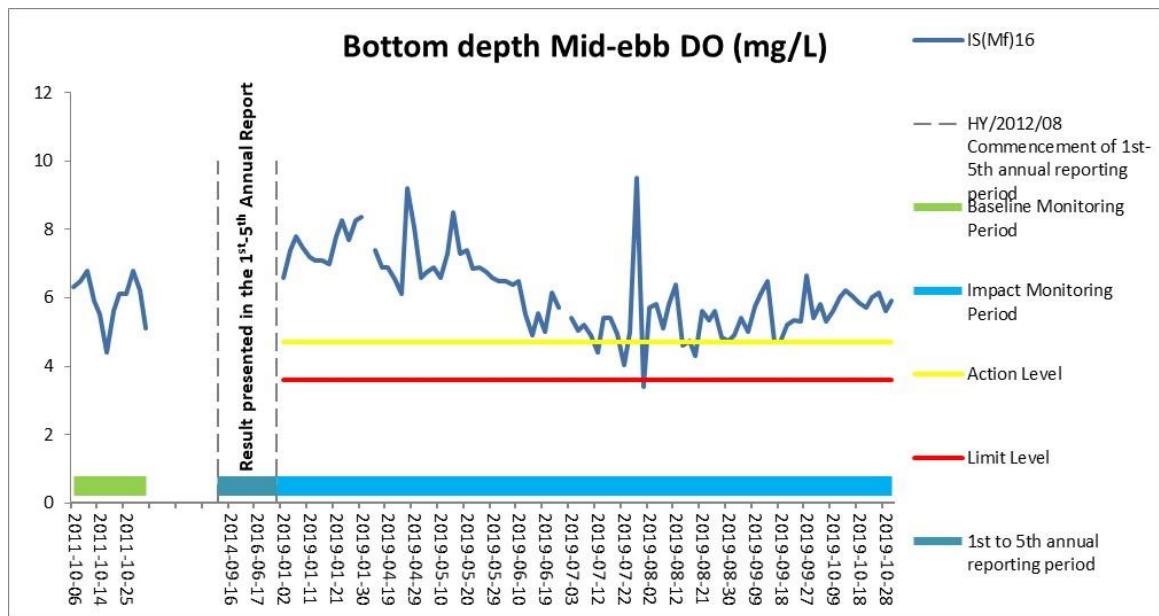


Figure E22 Baseline & Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at IS(Mf)16. Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B



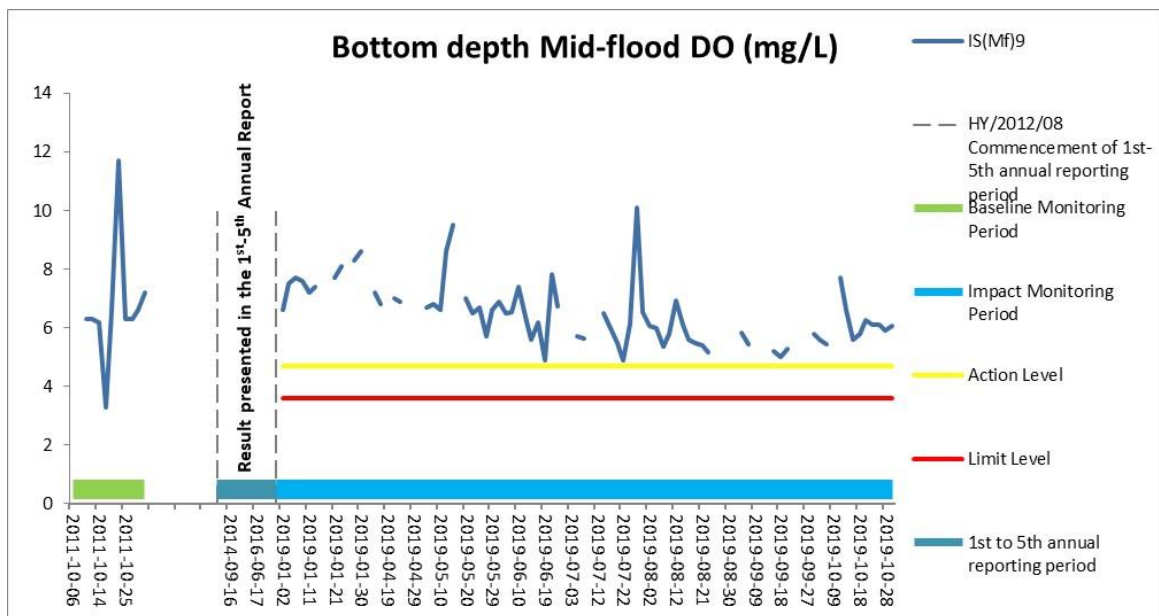
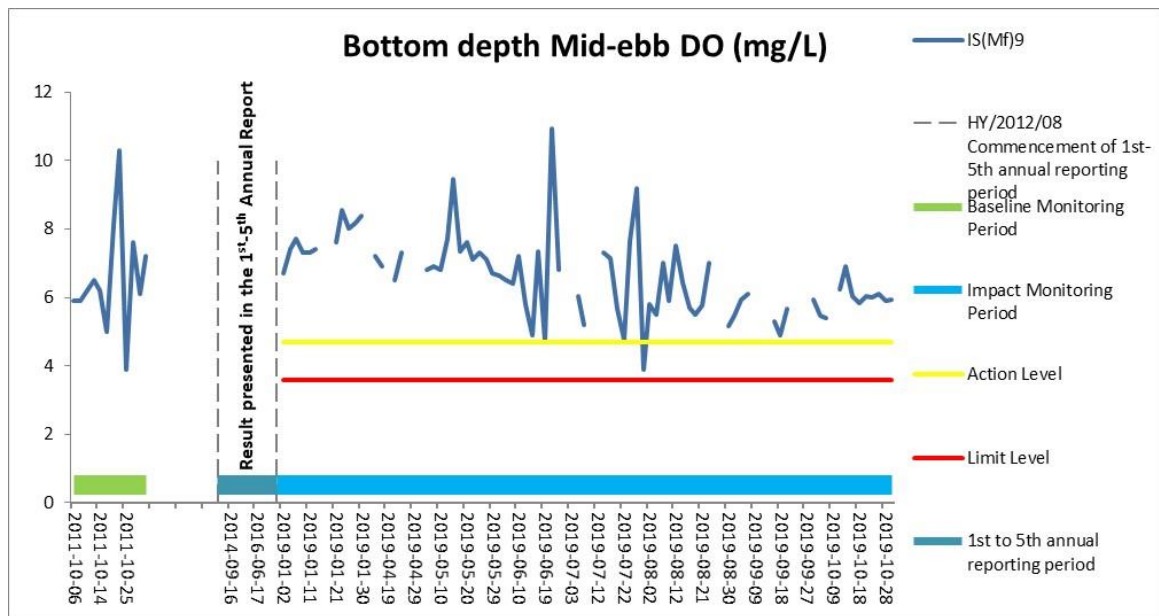


Figure E23 Baseline & Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at IS(Mf)9. Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B





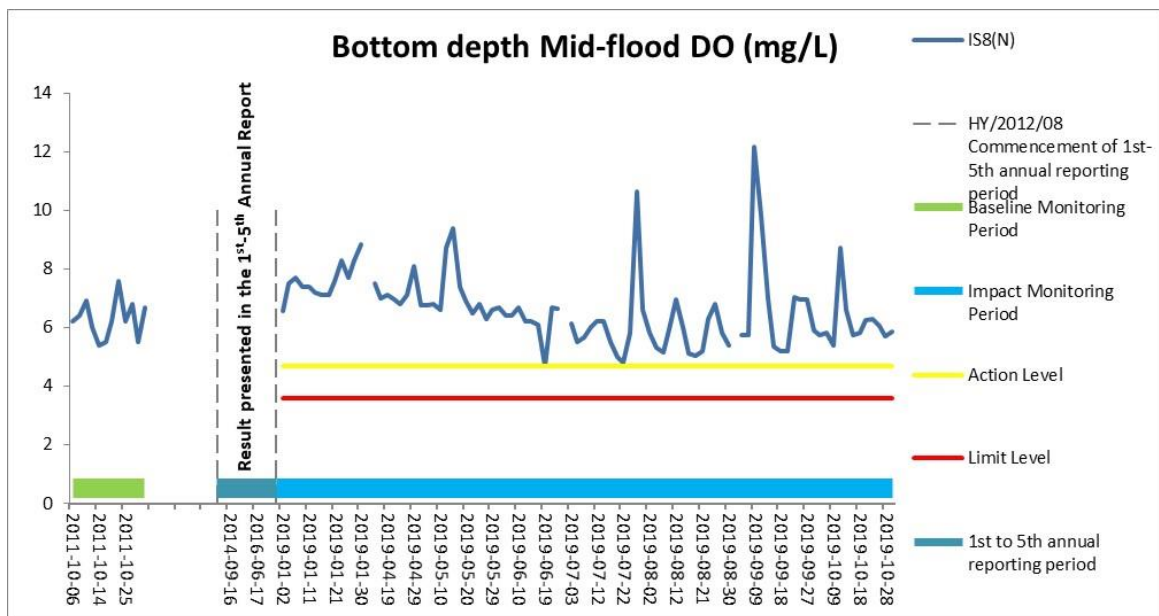
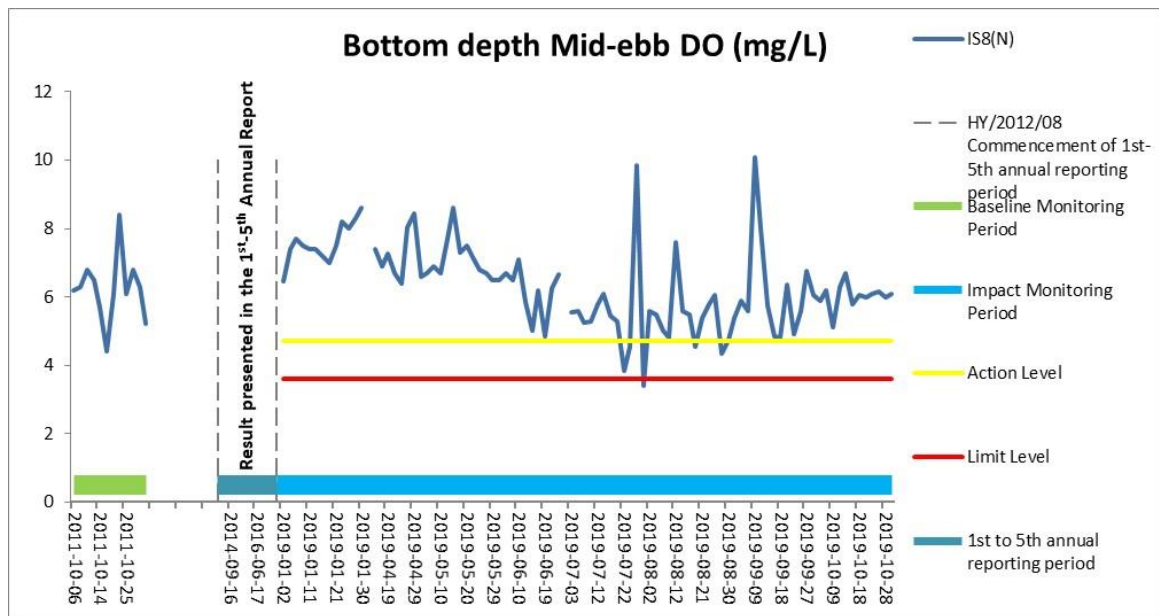


Figure E24 Baseline & Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at IS8(N). Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B



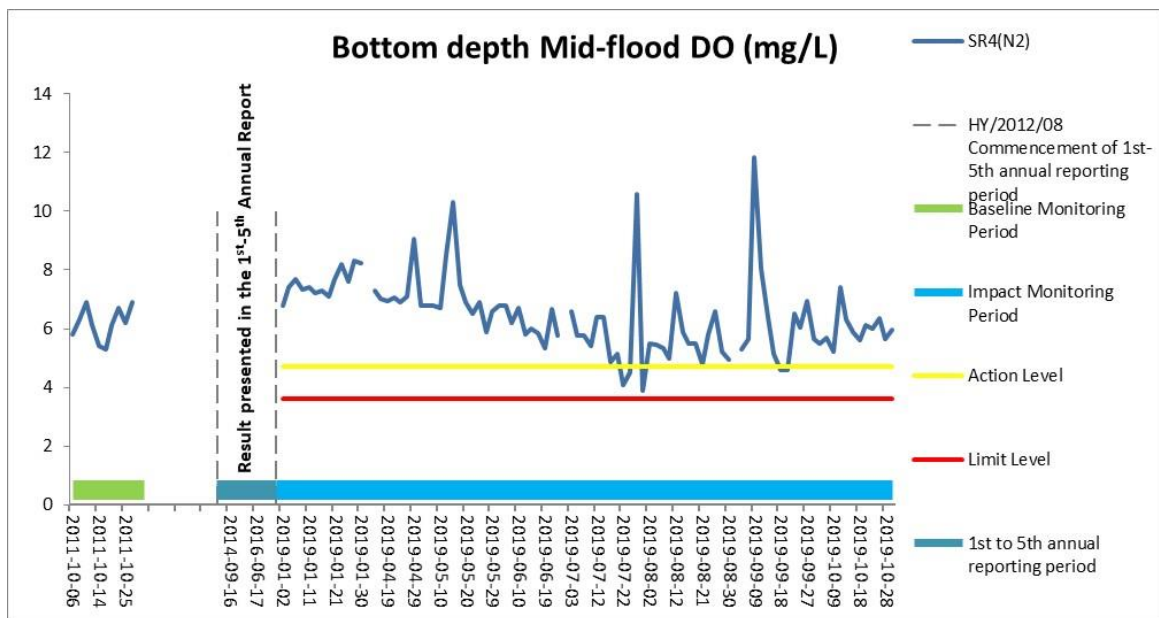
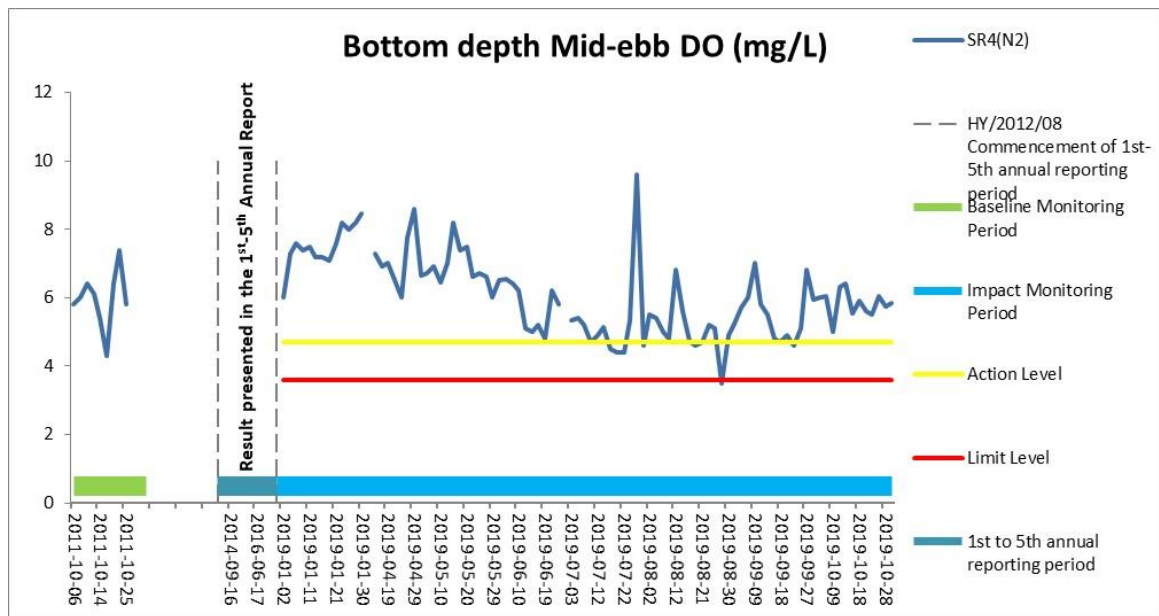


Figure E25 Baseline & Impact Monitoring - Mean Level of Dissolved Oxygen (mg/L) in bottom water between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at SR4(N2). Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B



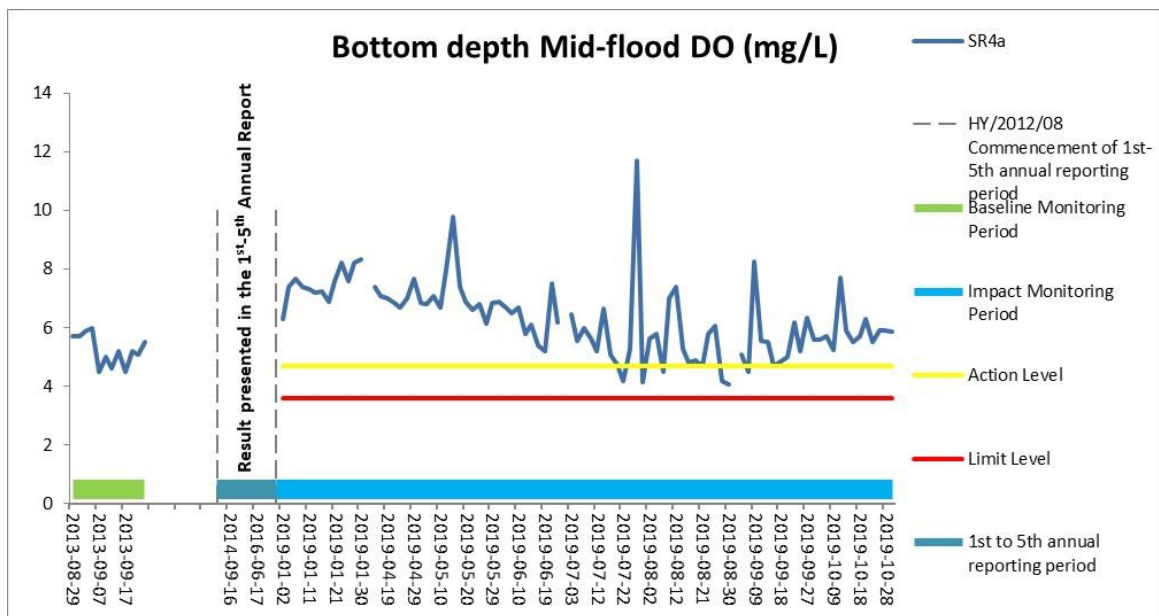
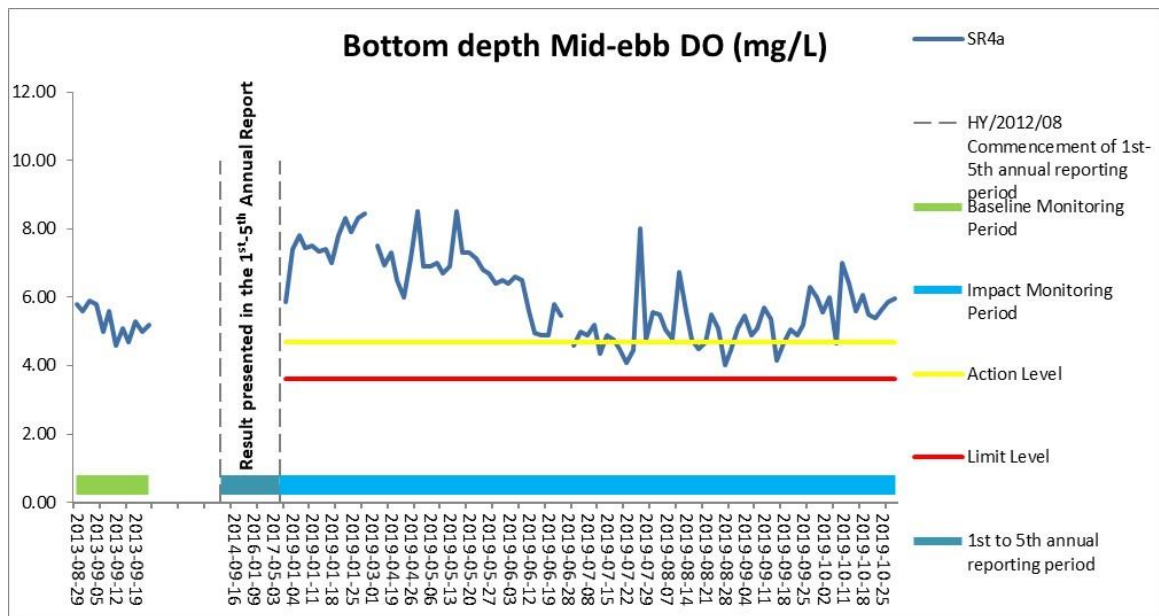


Figure E26 Baseline & Impact Monitoring – Mean Level of Dissolved Oxygen (mg/L) in bottom water between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at SR4a. Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B



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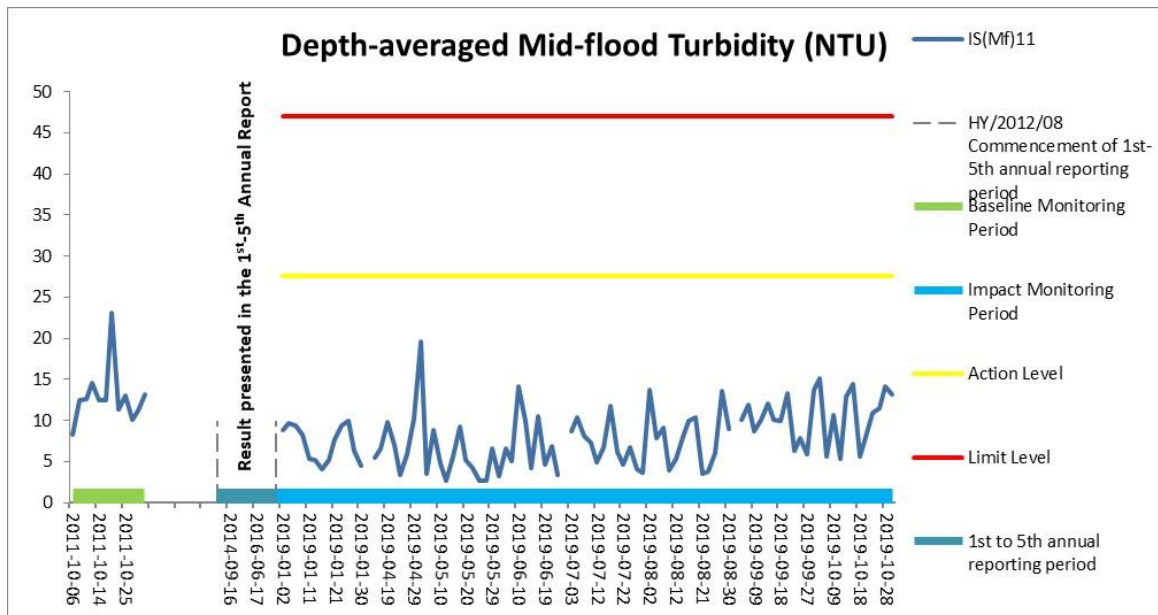
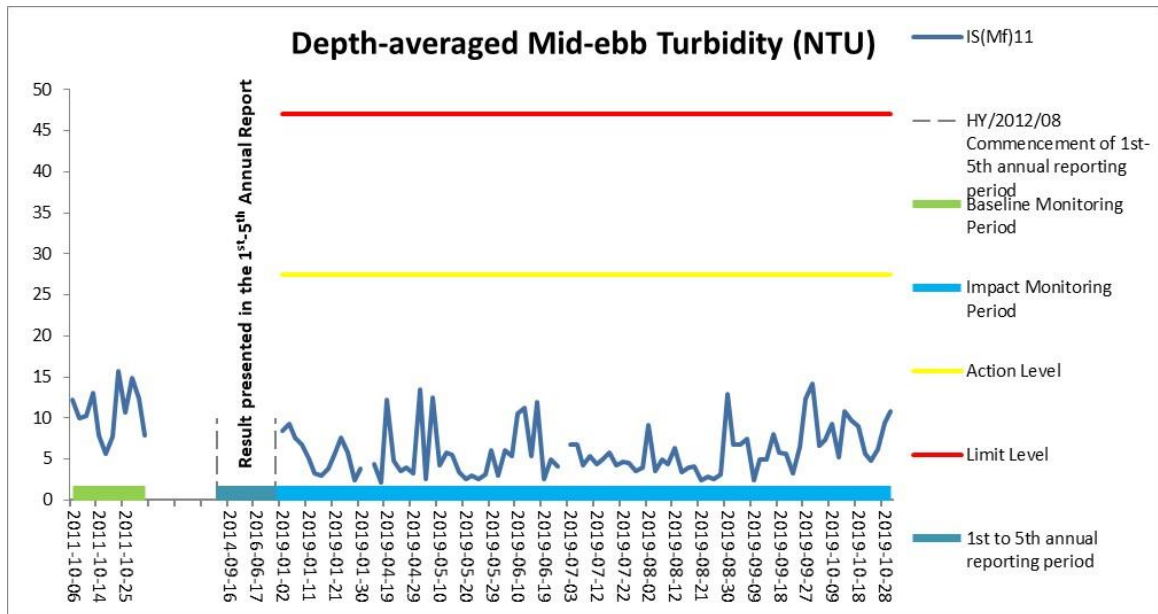


Figure E27 Baseline & Impact Monitoring – Mean Depth-averaged Level of Turbidity (NTU) between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at IS(Mf)11. Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B



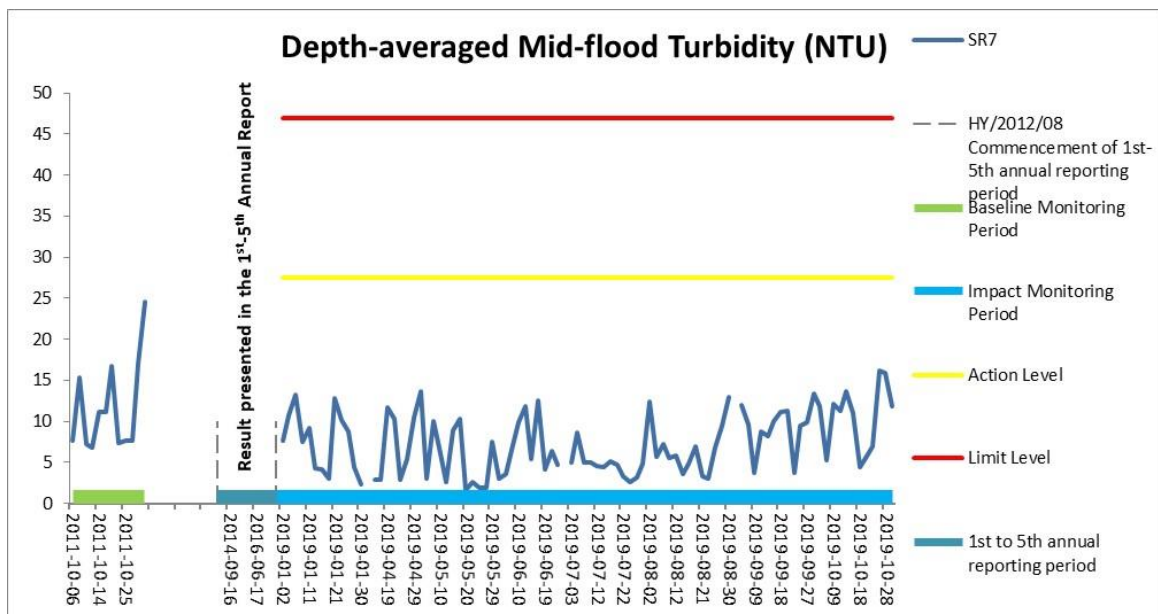
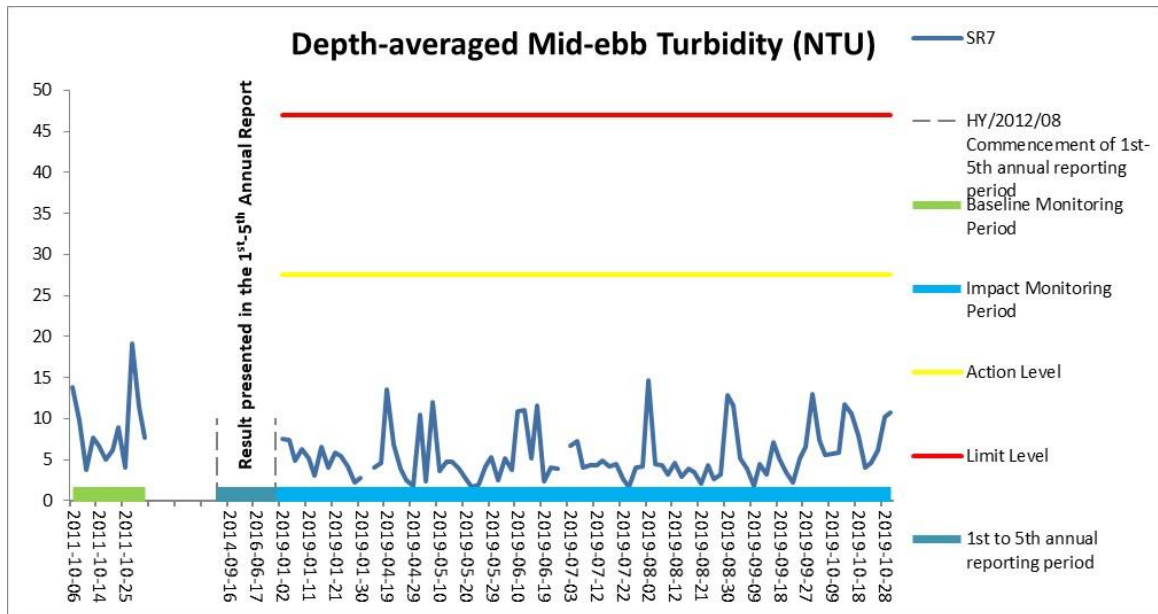


Figure E28 Baseline & Impact Monitoring - Mean Depth-averaged Level of Turbidity (NTU) between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at SR7. Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B



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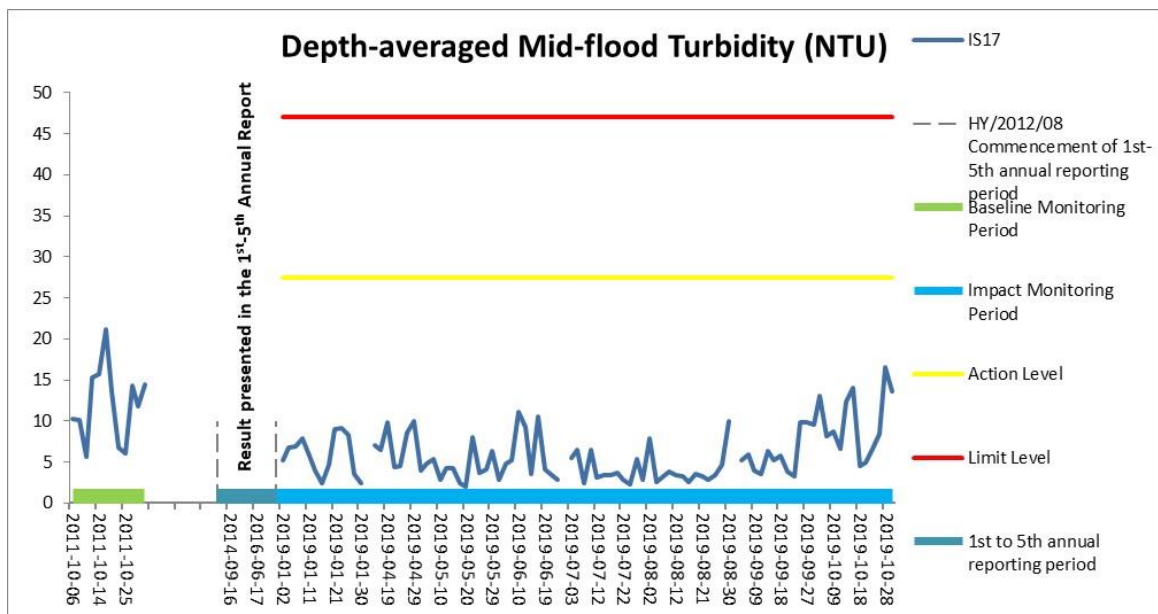
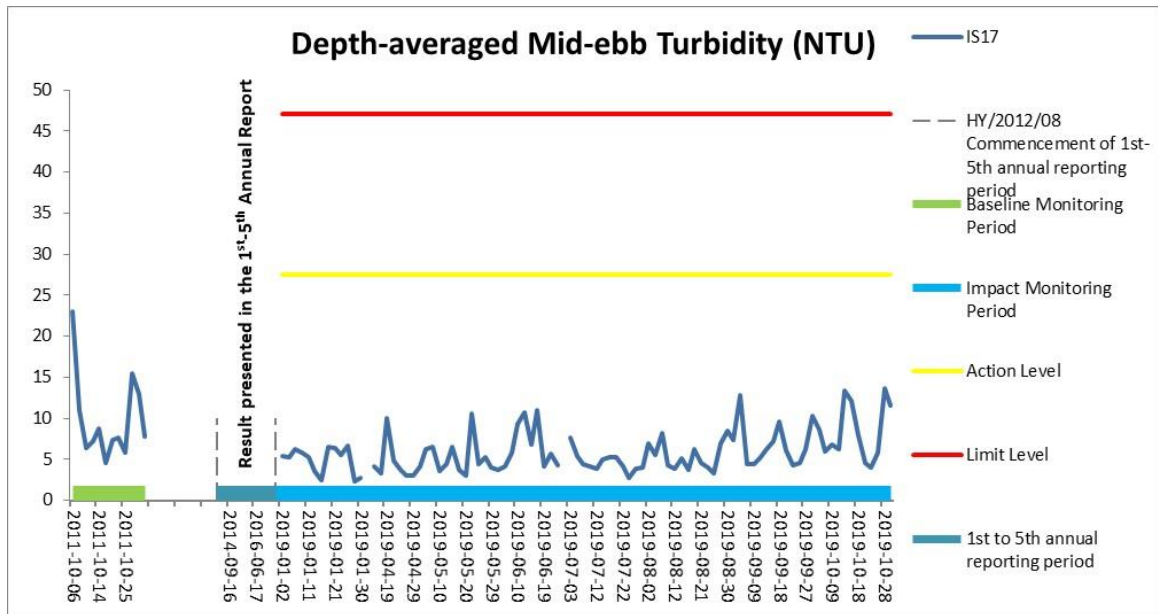


Figure E29 Baseline & Impact Monitoring – Mean Depth-averaged Level of Turbidity (NTU) between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at IS17. Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B



Ref: 0212330\_Impact-WQM\_6th annual.xlsx

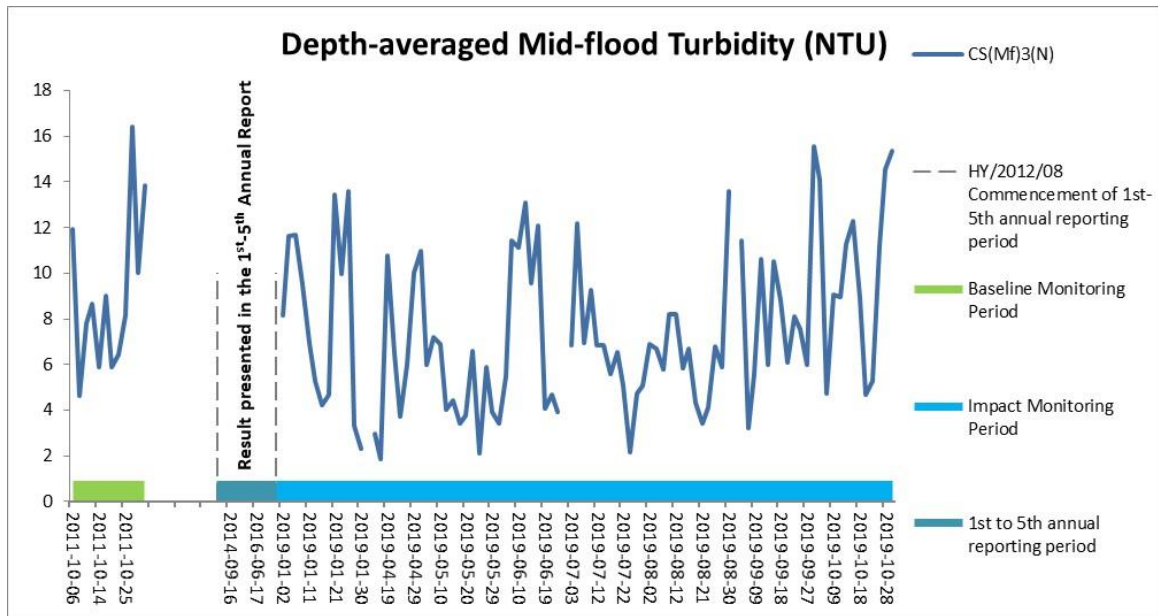
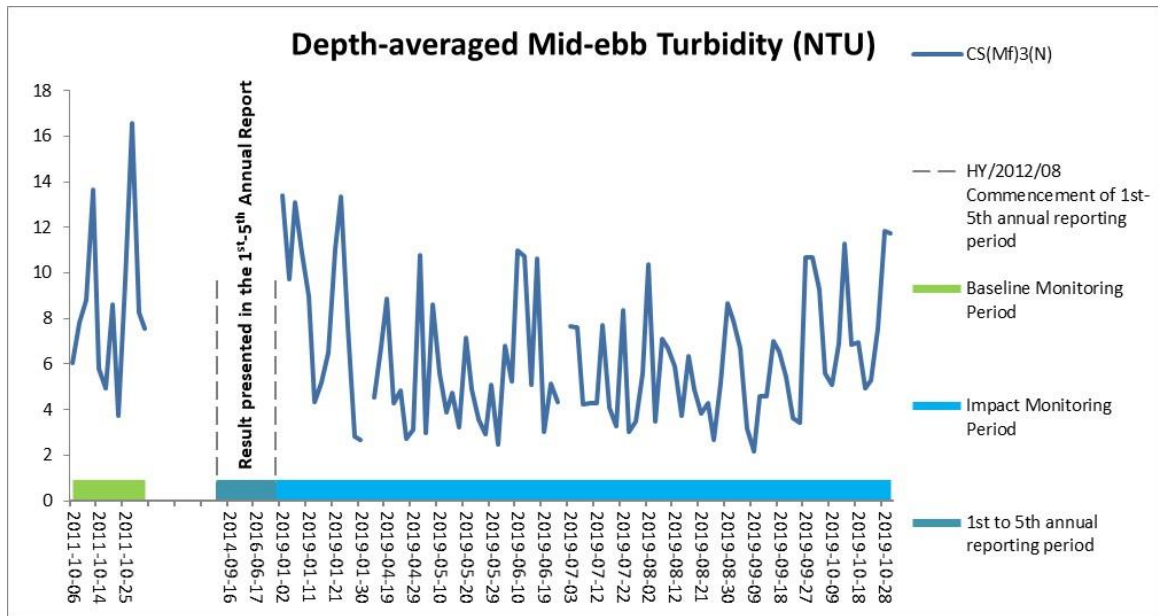
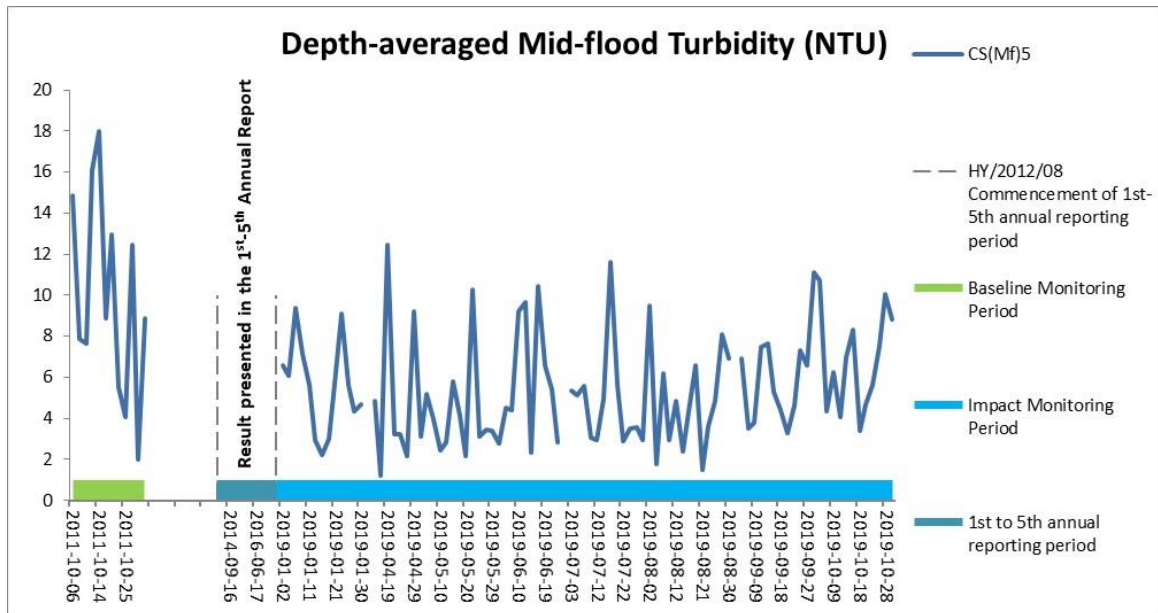
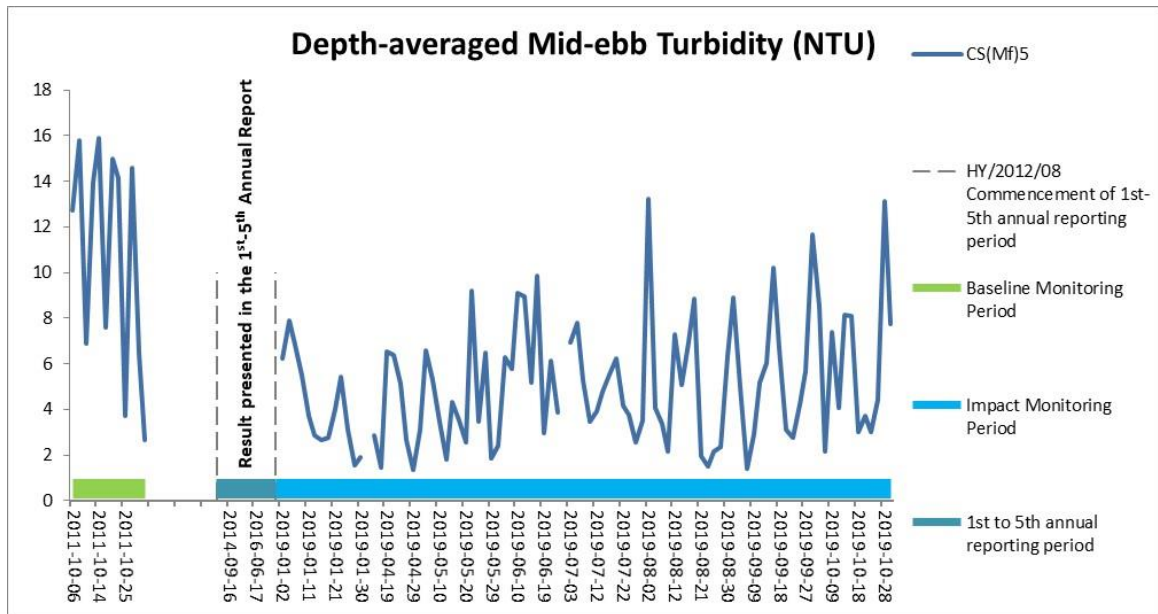


Figure E30 Baseline & Impact Monitoring – Mean Depth-averaged Level of Turbidity (NTU) between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at CS(Mf)3(N). Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B





**Figure E31 Baseline & Impact Monitoring – Mean Depth-averaged Level of Turbidity (NTU) between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at CS(Mf)5. Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B**





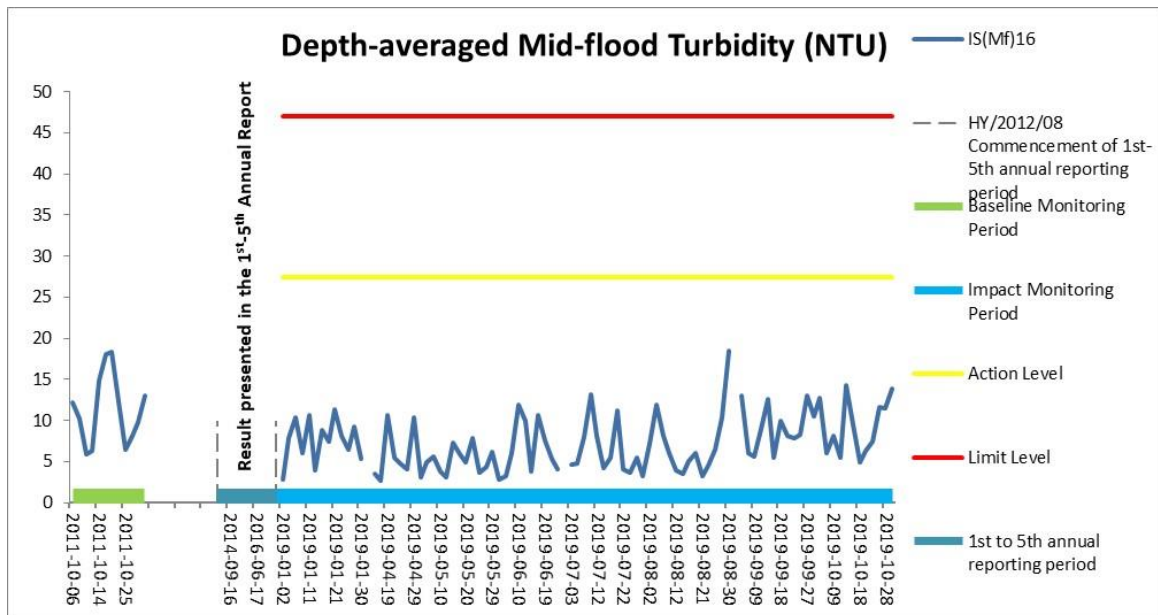
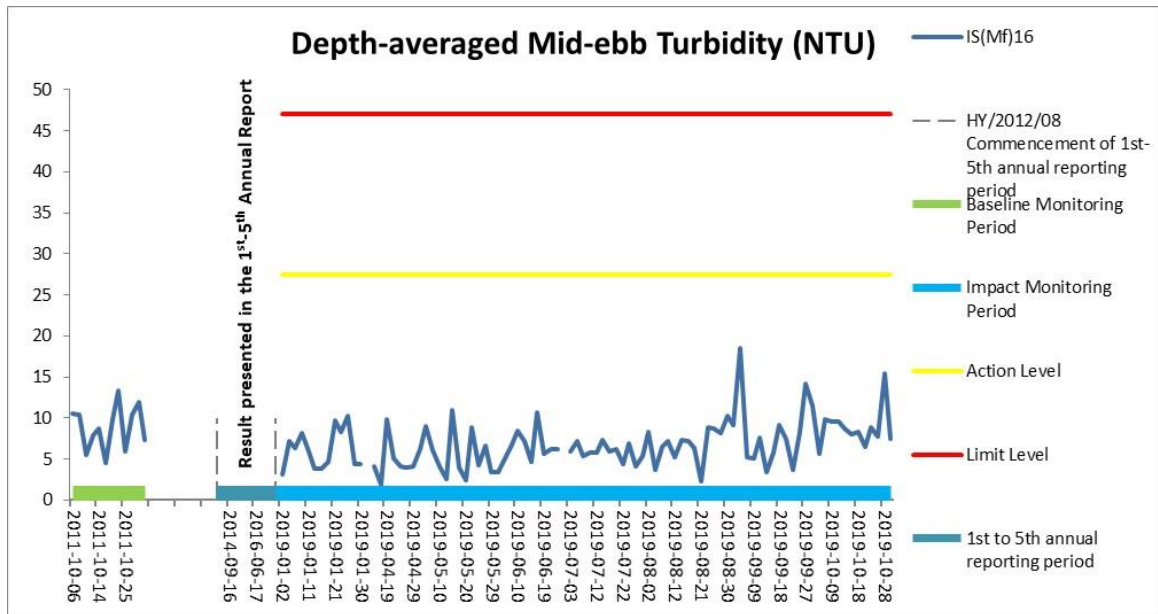


Figure E32 Baseline & Impact Monitoring – Mean Depth-averaged Level of Turbidity (NTU) between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at IS(Mf)16. Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B



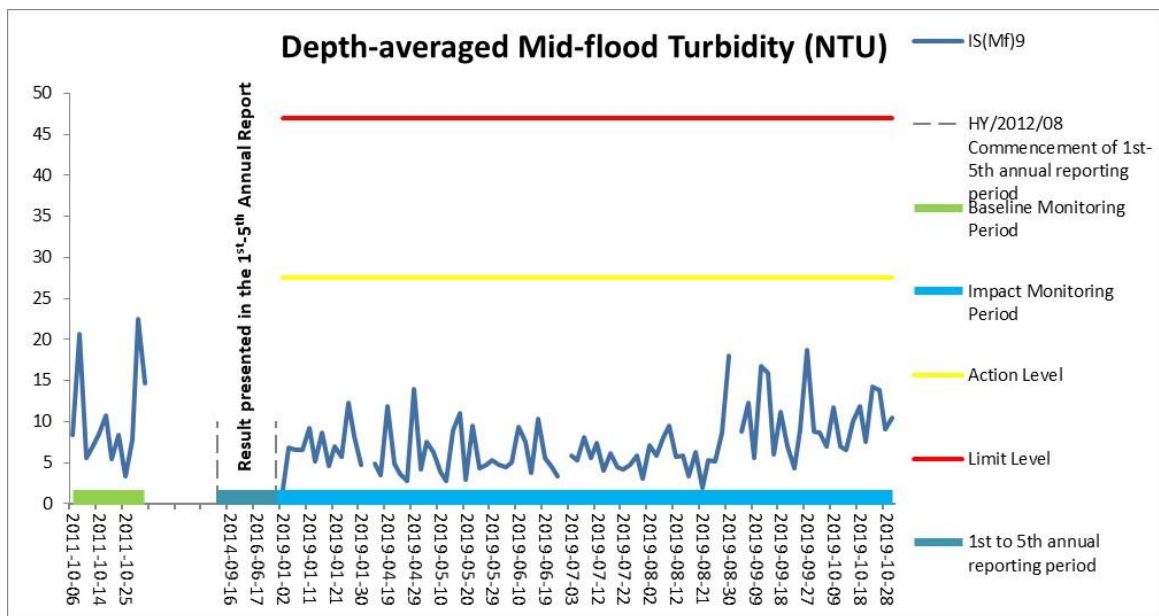
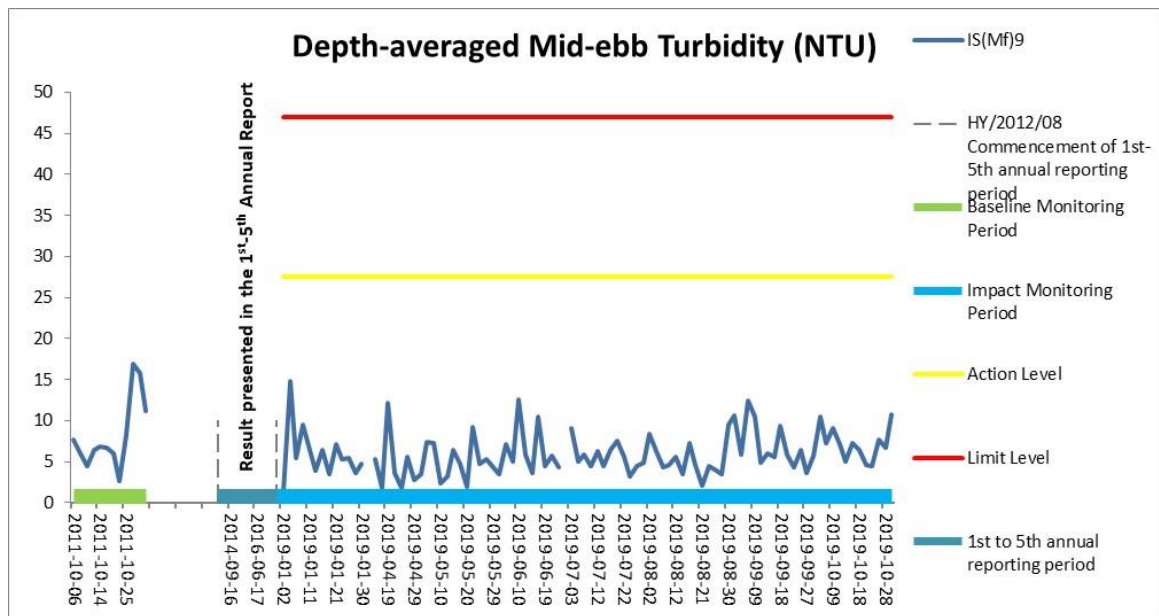


Figure E33 Baseline & Impact Monitoring – Mean Depth-averaged Level of Turbidity (NTU) between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at IS(Mf)9. Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B



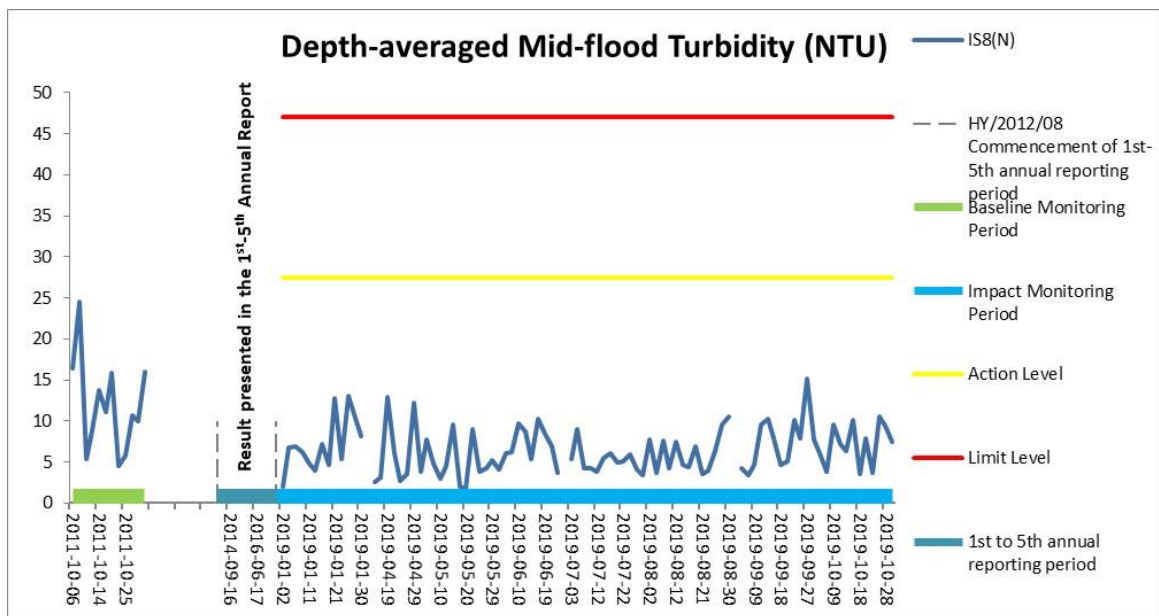
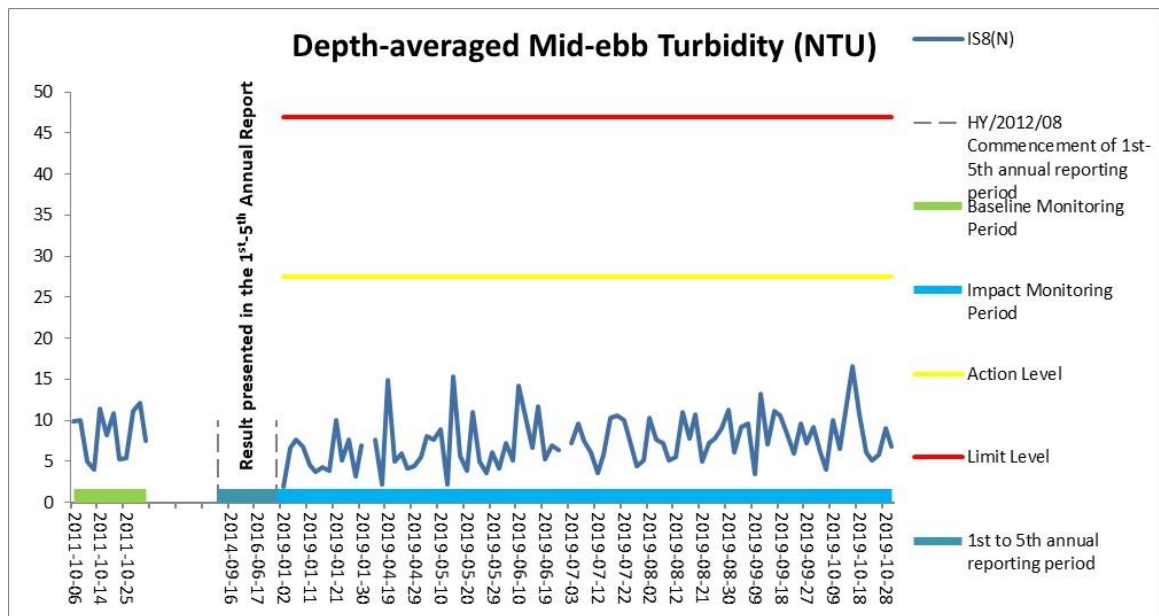


Figure E34 Baseline & Impact Monitoring – Mean Depth-averaged Level of Turbidity (NTU) between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at IS8(N). Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B



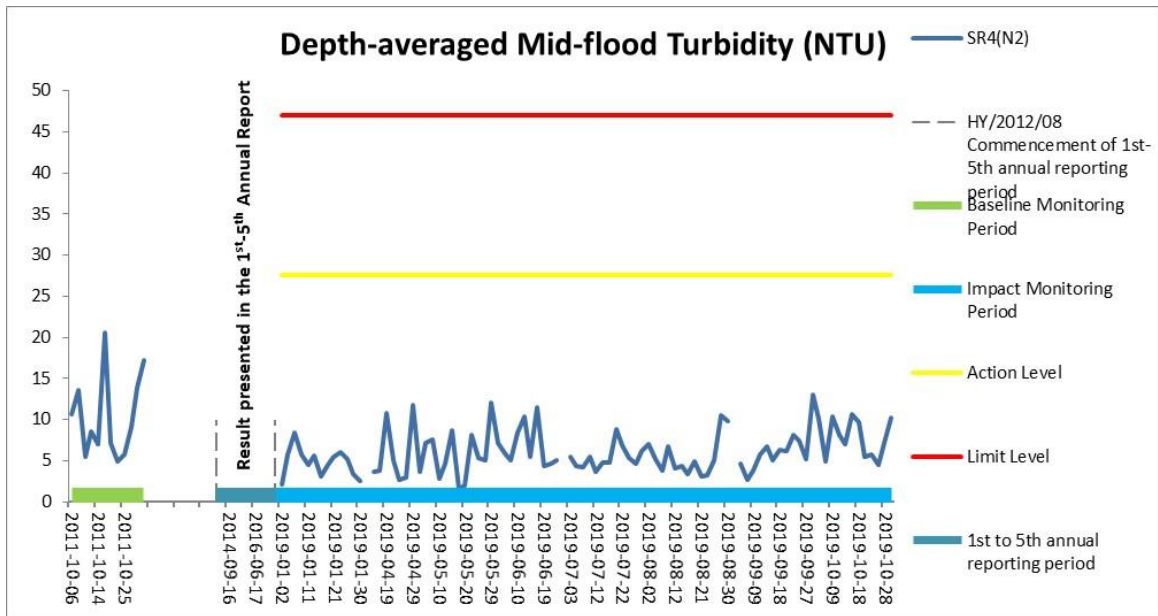
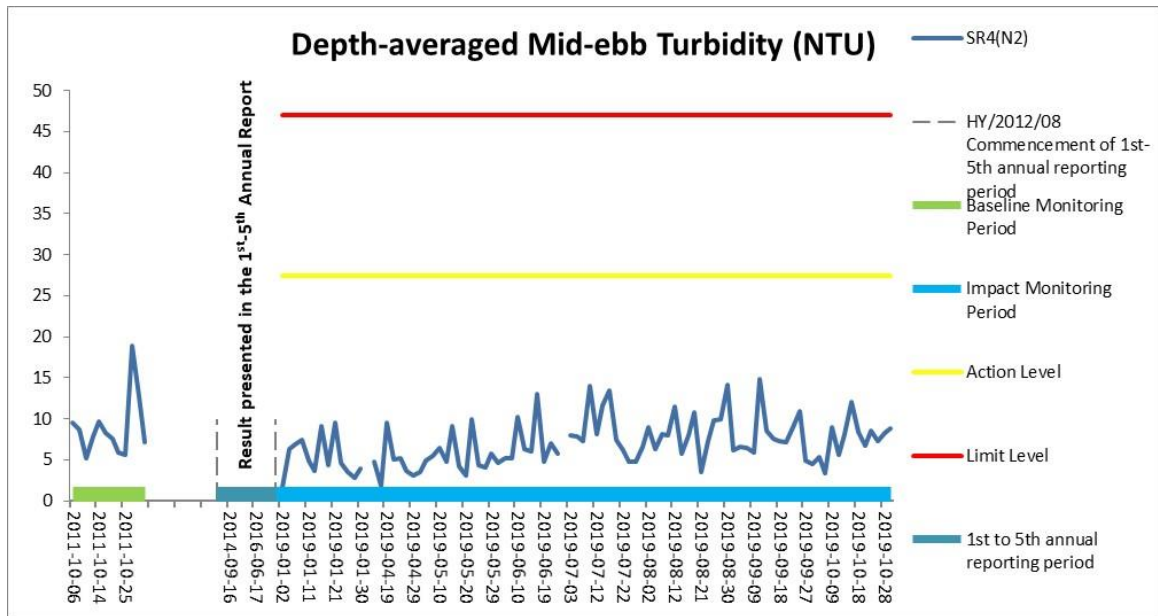


Figure E35 Baseline & Impact Monitoring – Mean Depth-averaged Level of Turbidity (NTU) between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at SR4(N2). Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B



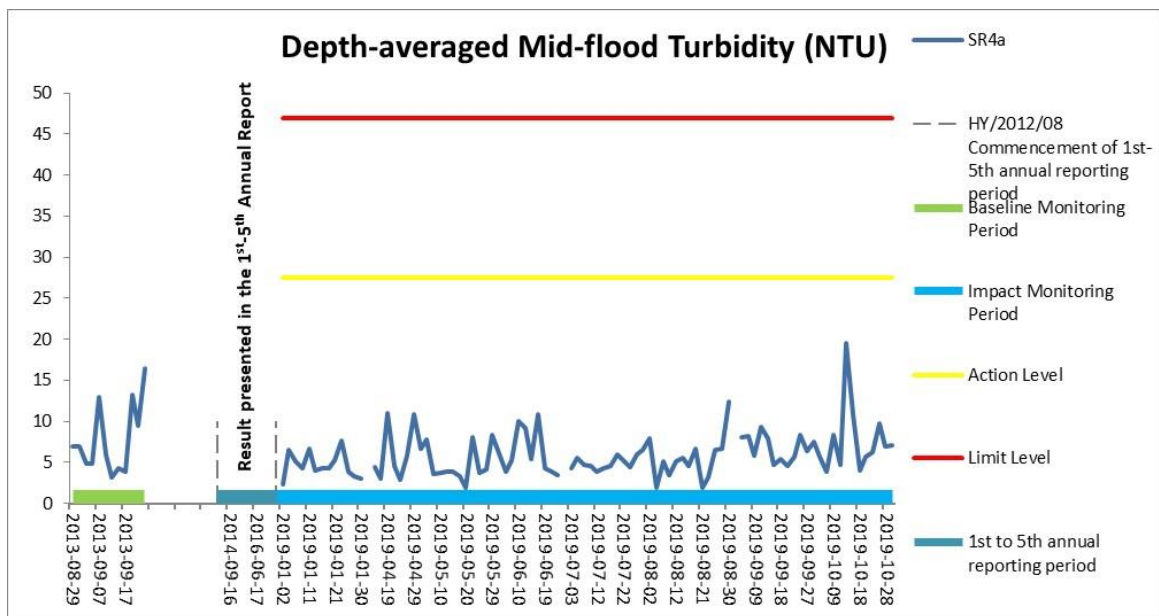
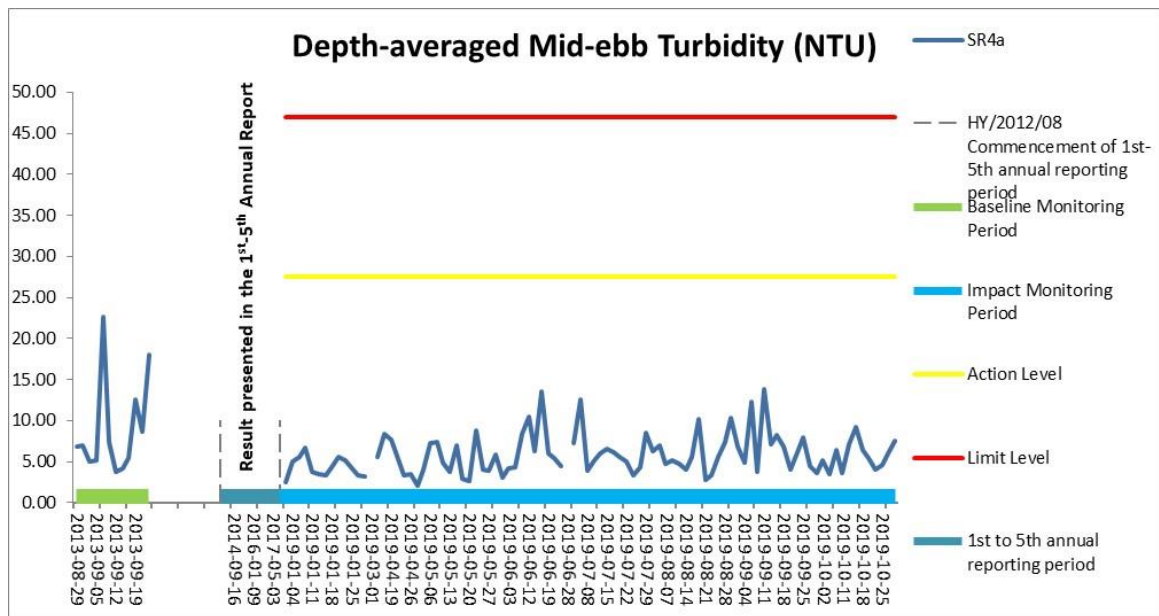


Figure E36 Baseline & Impact Monitoring – Mean Depth-averaged Level of Turbidity (NTU) between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at SR4a. Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B



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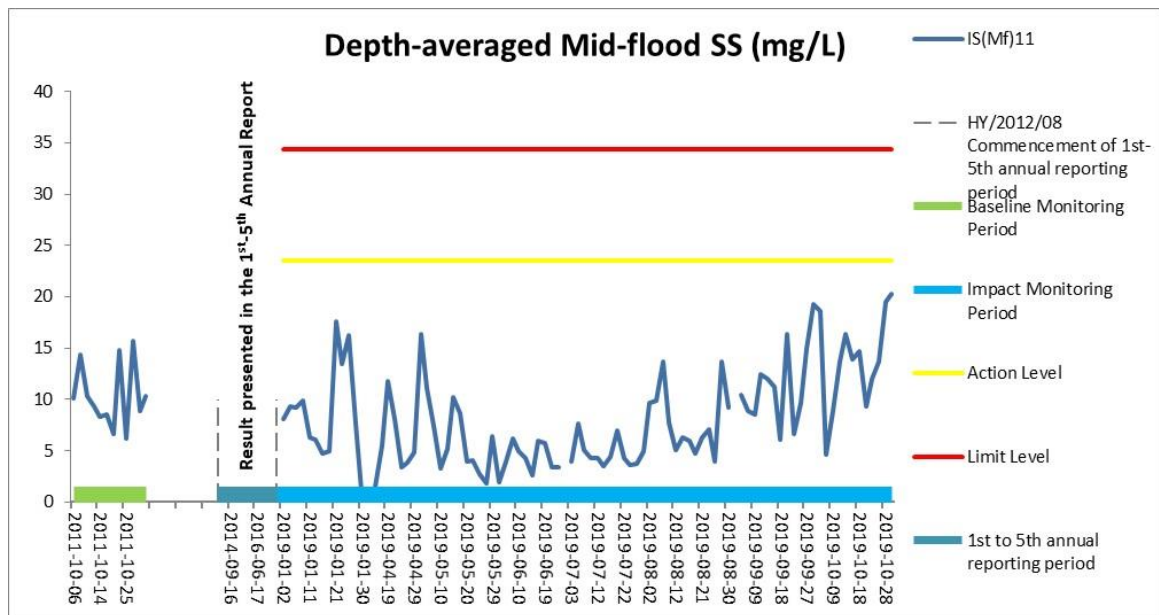
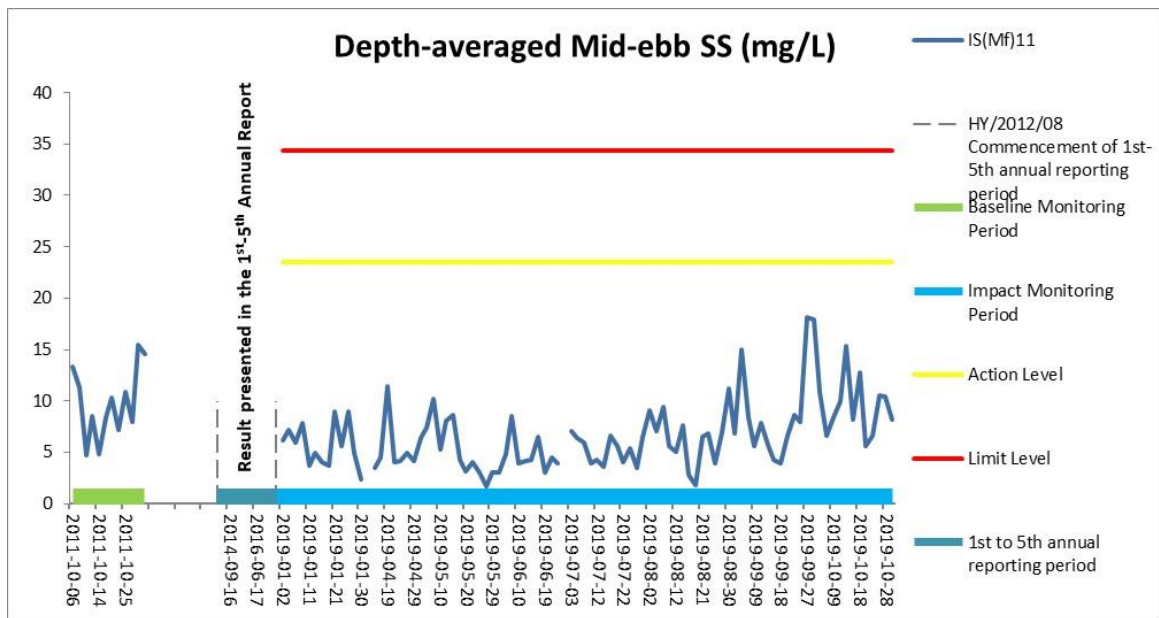


Figure E37 Baseline & Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at IS(Mf)11. Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B



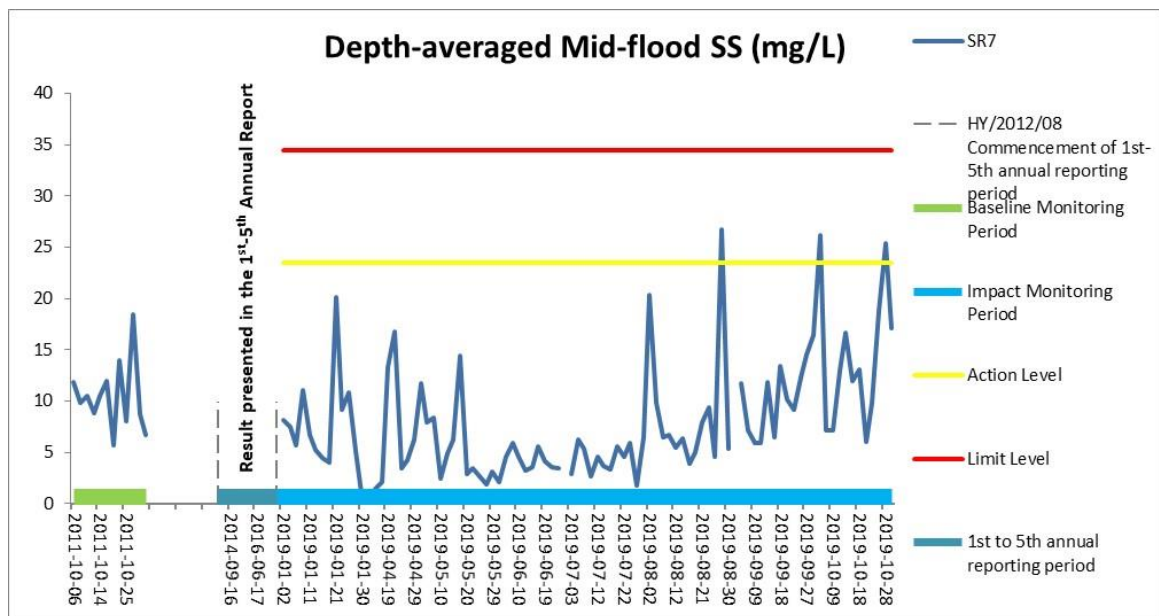
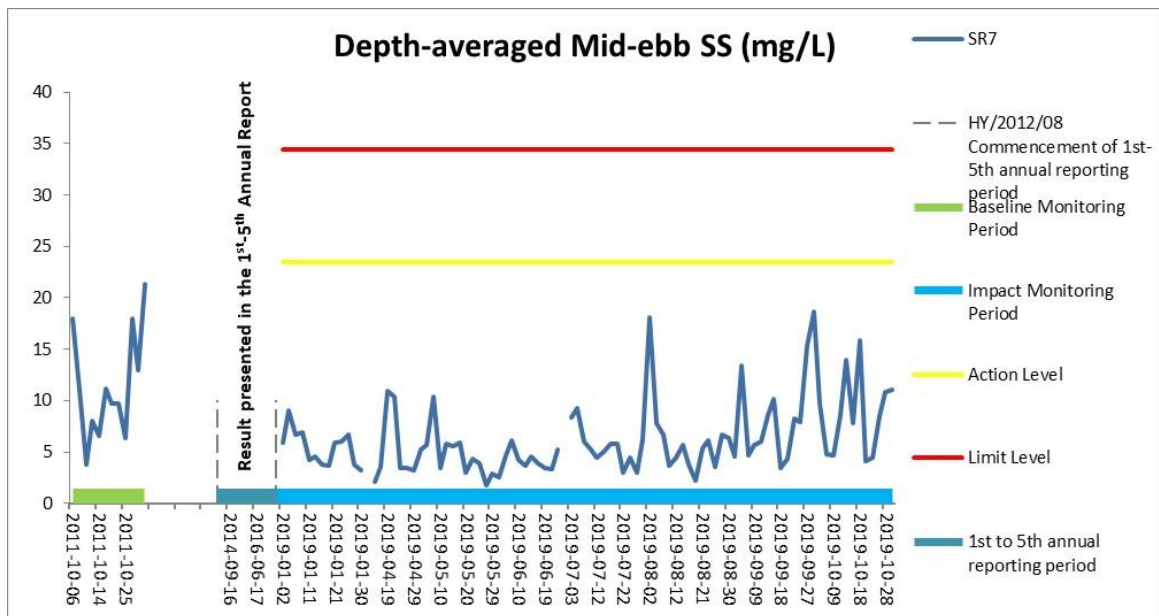


Figure E38 Baseline & Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at SR7. Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B



Ref: 0212330\_Impact-WQM\_6th annual.xlsx

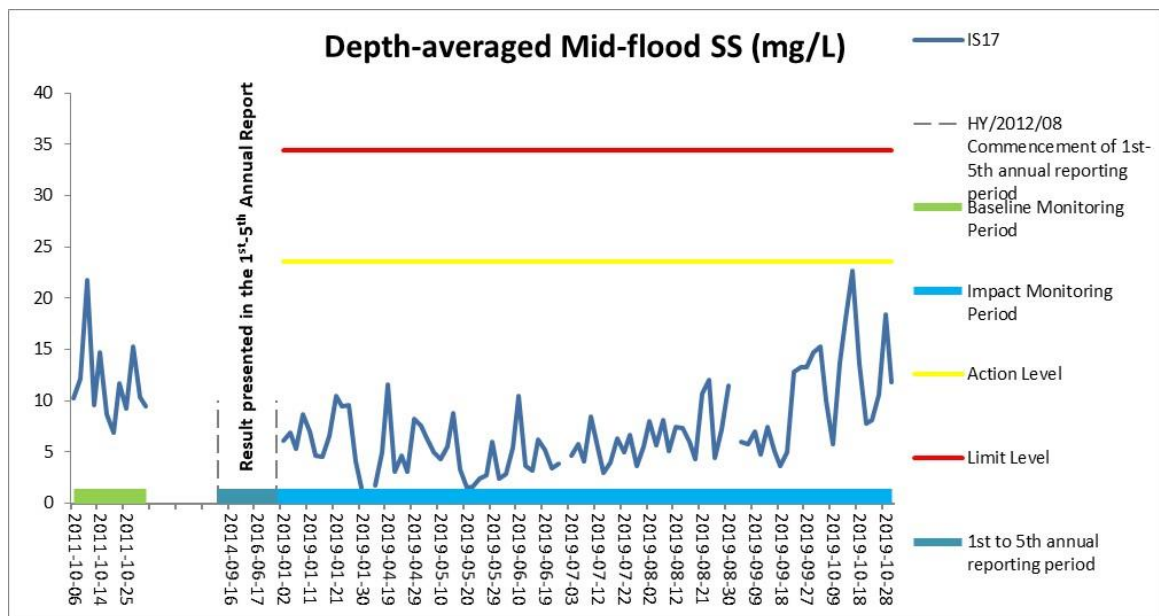
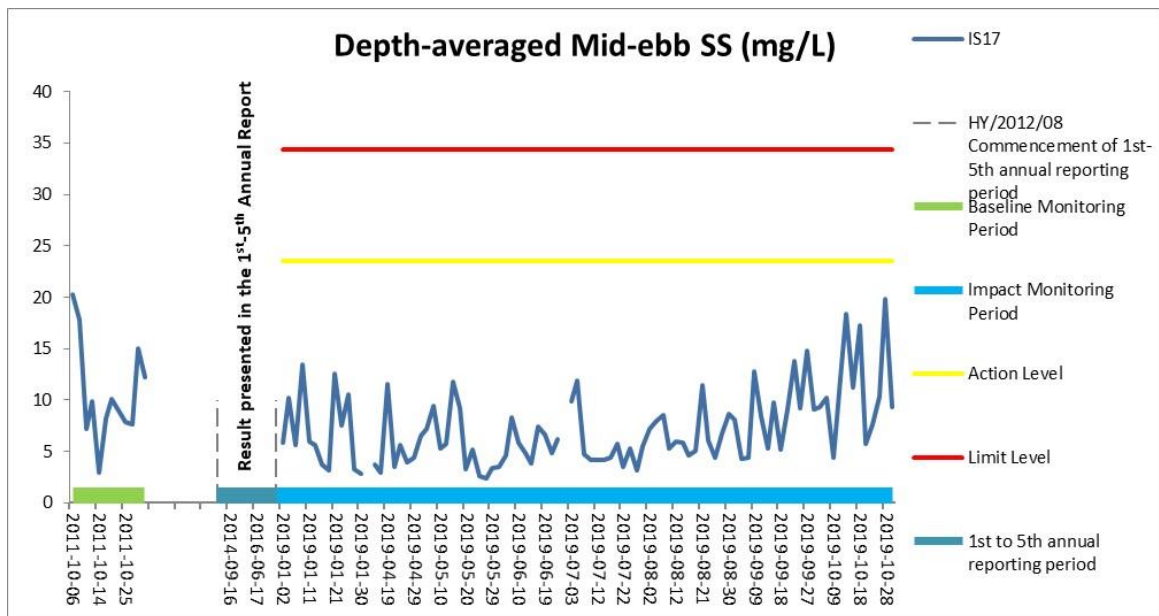
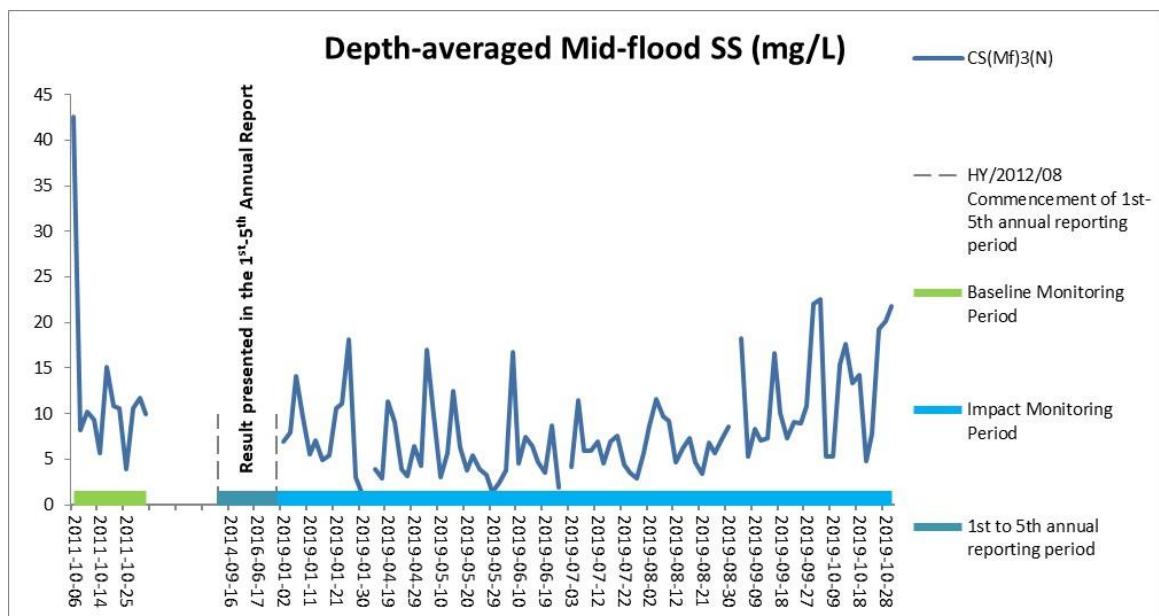
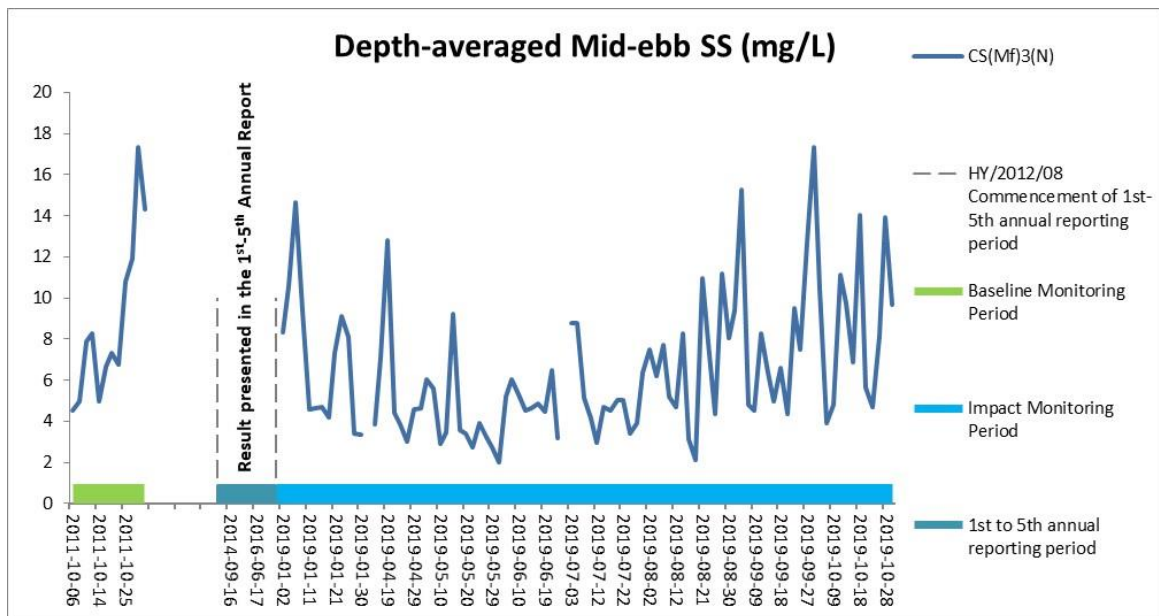


Figure E39 Baseline & Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at IS17. Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B



Ref: 0212330\_Impact-WQM\_6th annual.xlsx





**Figure E40 Baseline & Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at CS(Mf)3(N). Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B**



Ref: 0212330\_Impact-WQM\_6th annual.xlsx

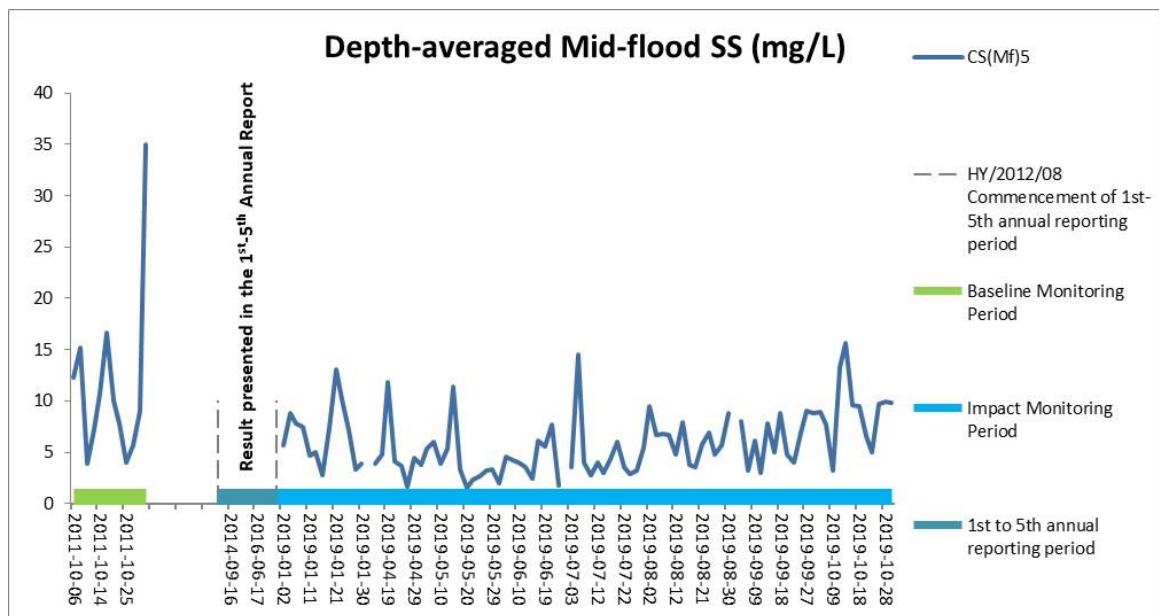
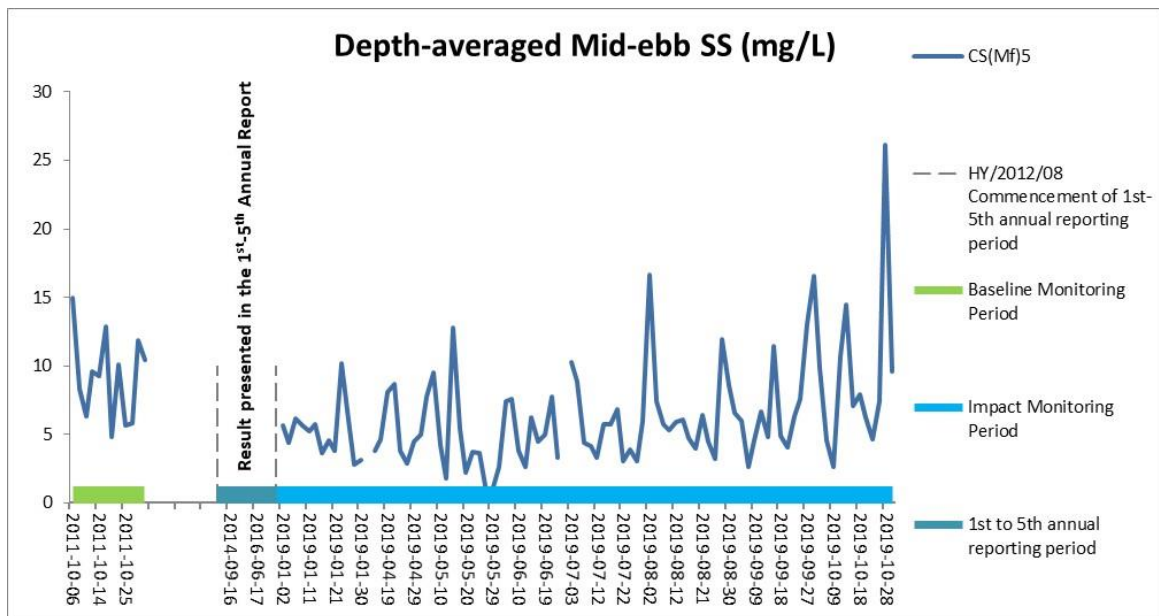


Figure E41 Baseline & Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at CS(Mf)5. Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B



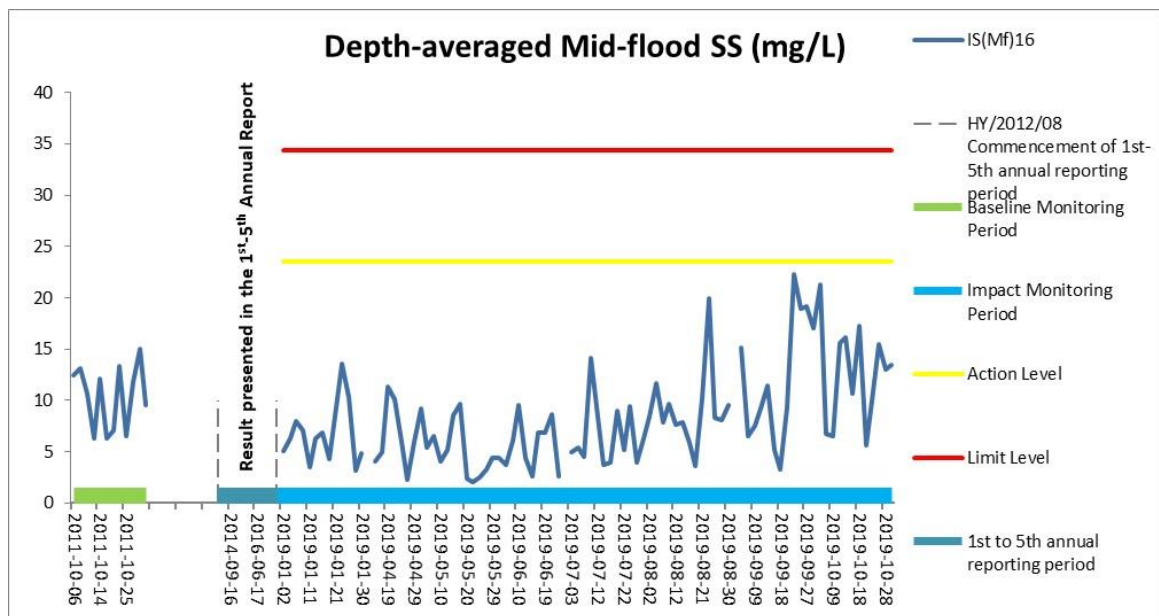
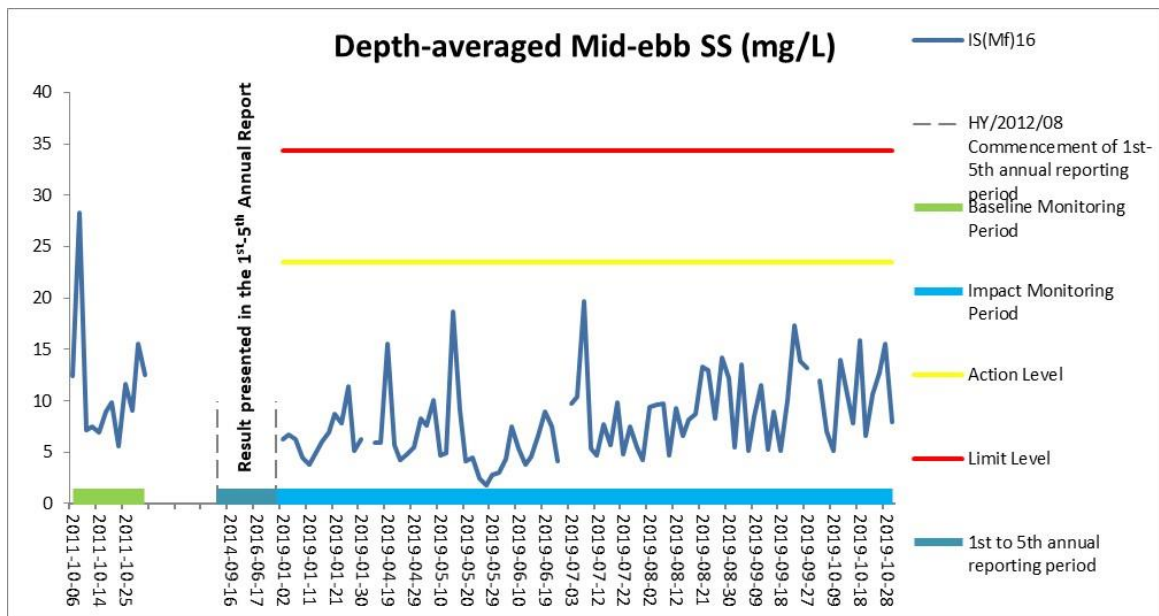


Figure E42 Baseline & Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at IS(Mf)16. Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B



Ref: 0212330\_Impact-WQM\_6th annual.xlsx

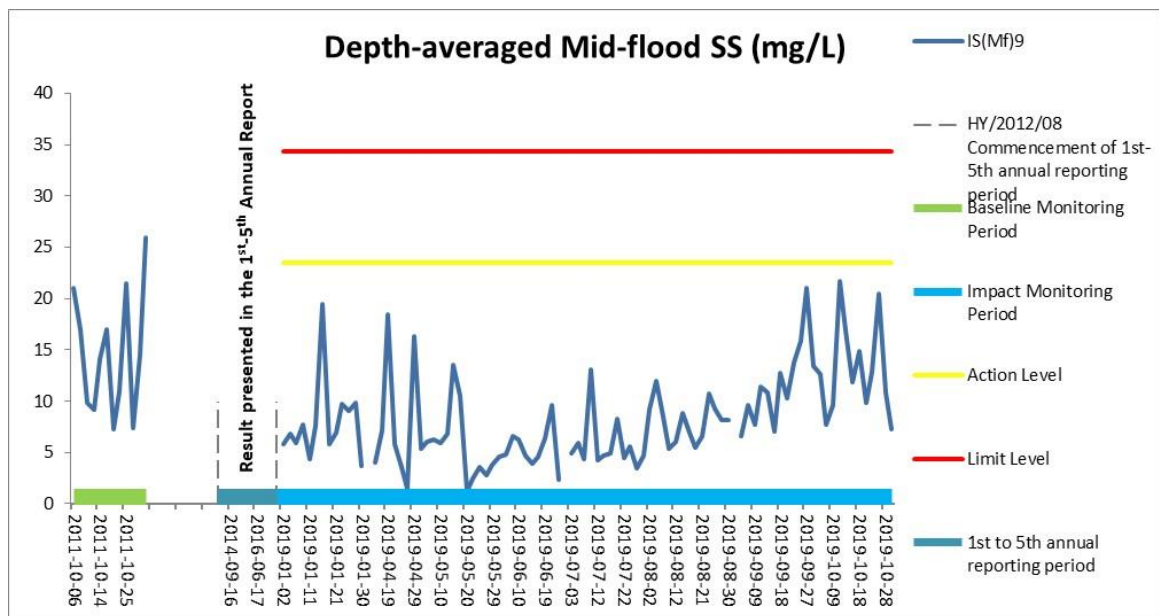
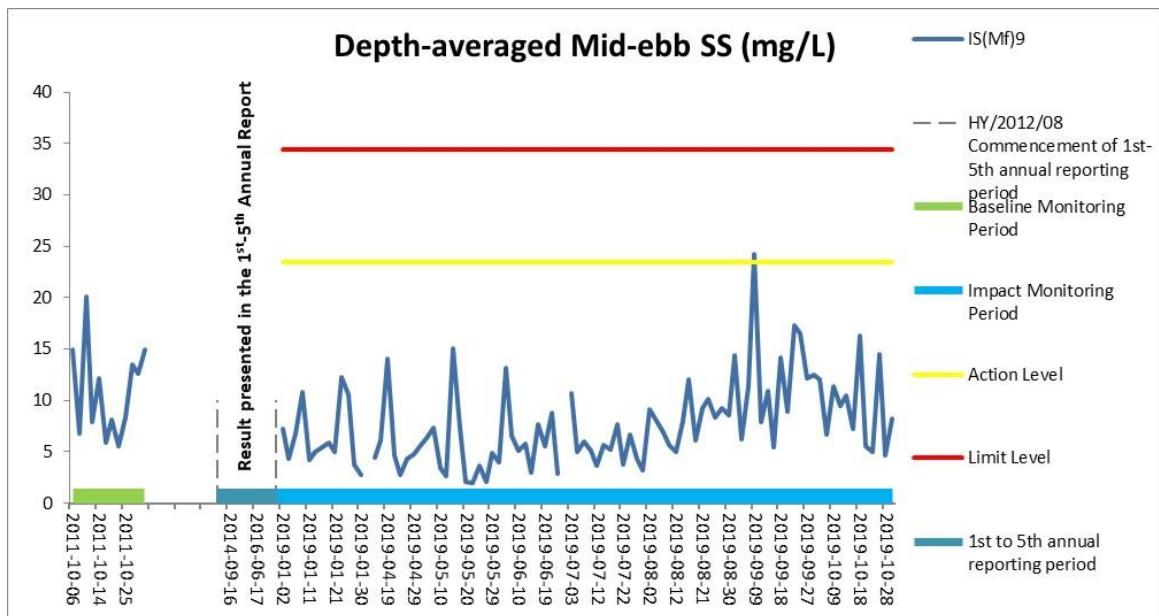


Figure E43 Baseline & Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at IS(Mf)9. Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B



Ref: 0212330\_Impact-WQM\_6th annual.xlsx

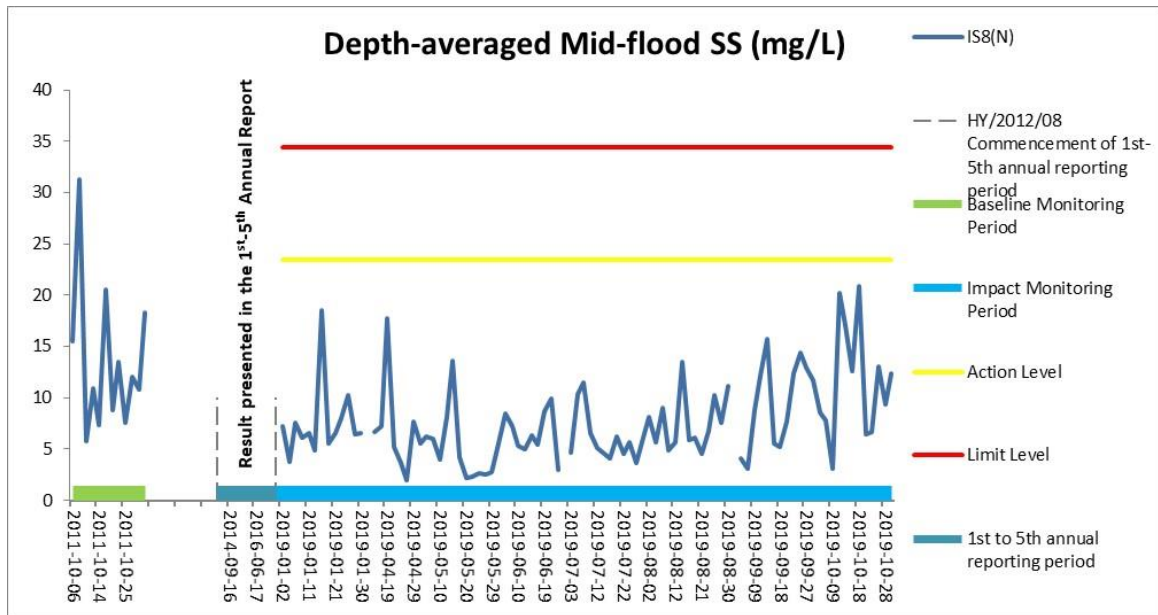
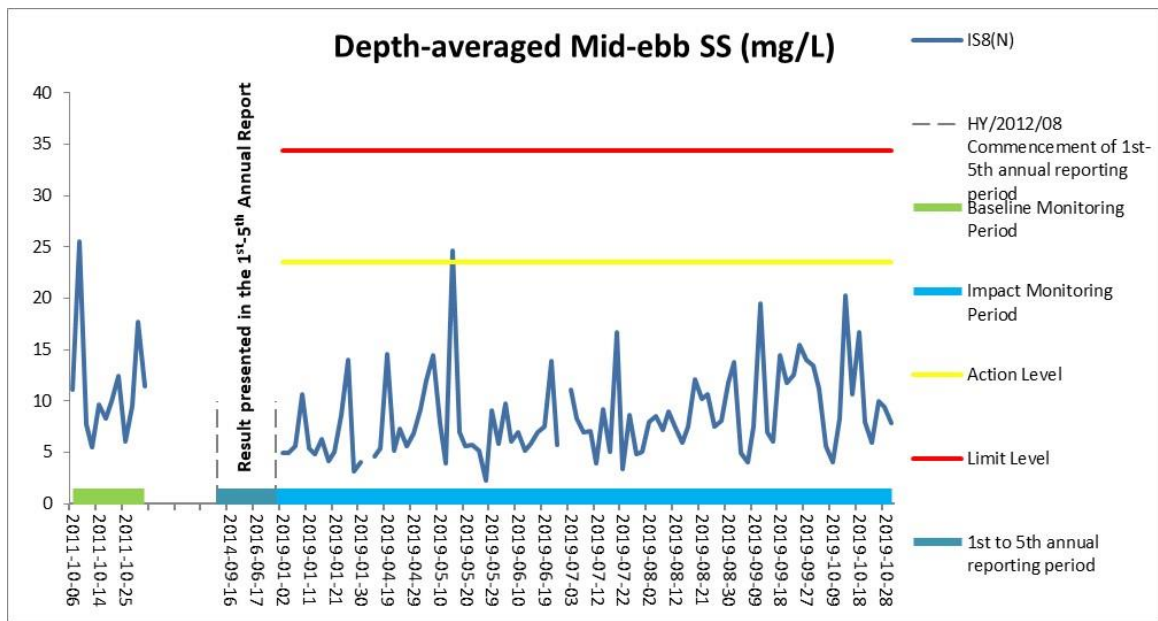


Figure E44 Baseline & Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at IS8(N). Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B



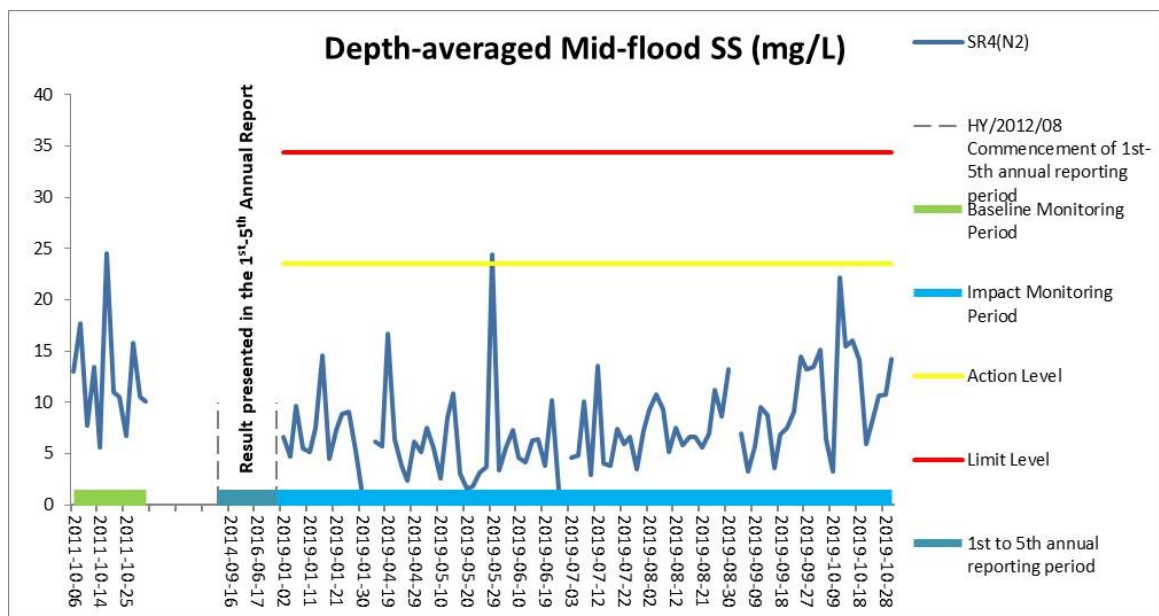
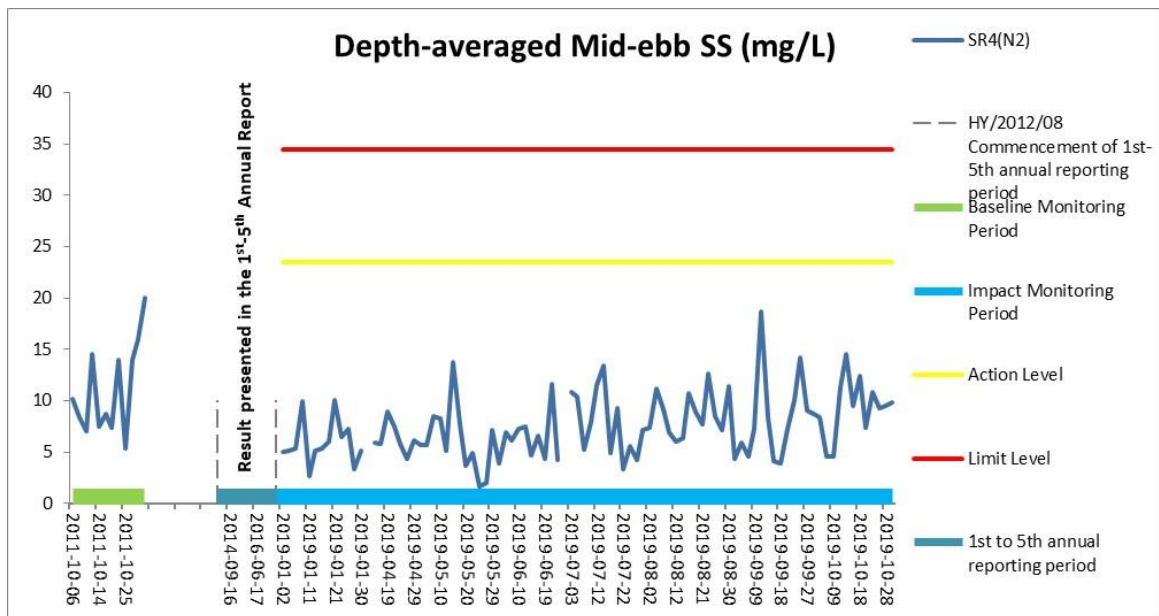
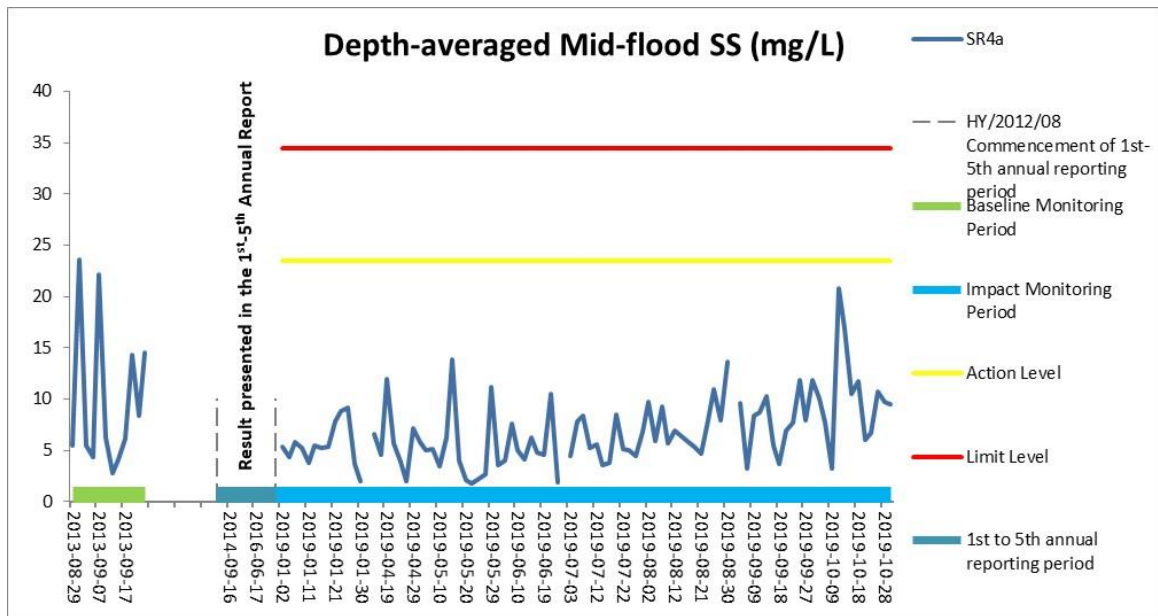
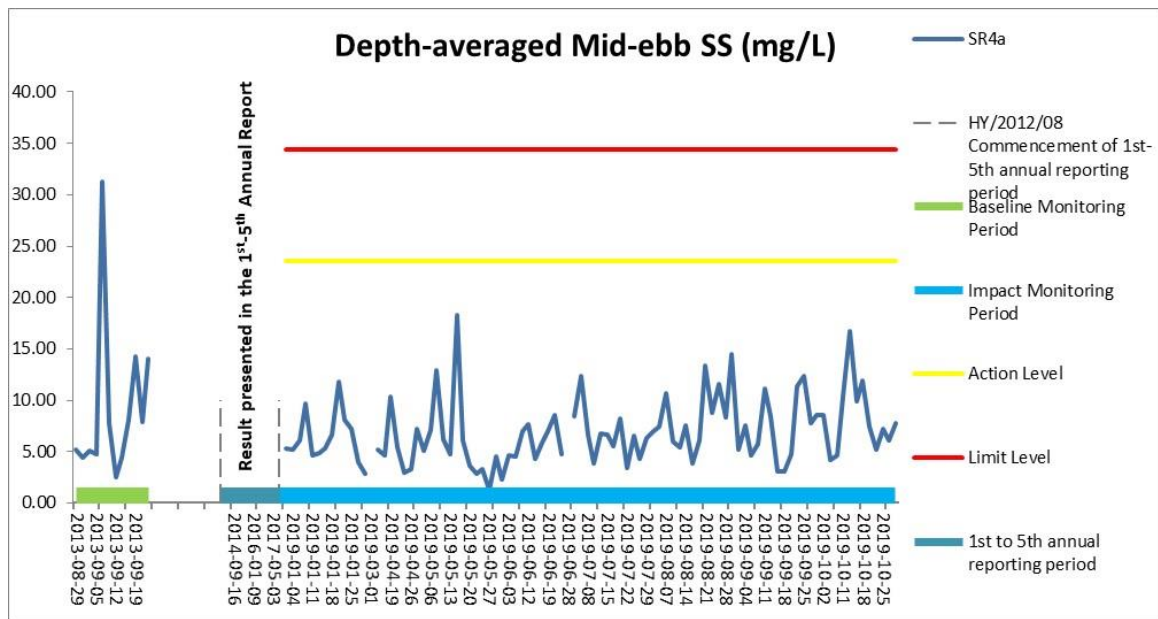


Figure E45 Baseline & Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at SR4(N2). Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B



Ref: 0212330\_Impact-WQM\_6th annual.xlsx



**Figure E46 Baseline & Impact Monitoring – Mean Depth-averaged Level of Suspended Solids (mg/L) between Baseline monitoring period and Impact monitoring period (1/11/2018 to 31/12/2019) at SR4a.** Weather condition within the reporting period varied between sunny to rainy. The overall monitoring results were not affected by weather conditions. Major marine construction activities included: Seawall Modification Works at Portion S-B



