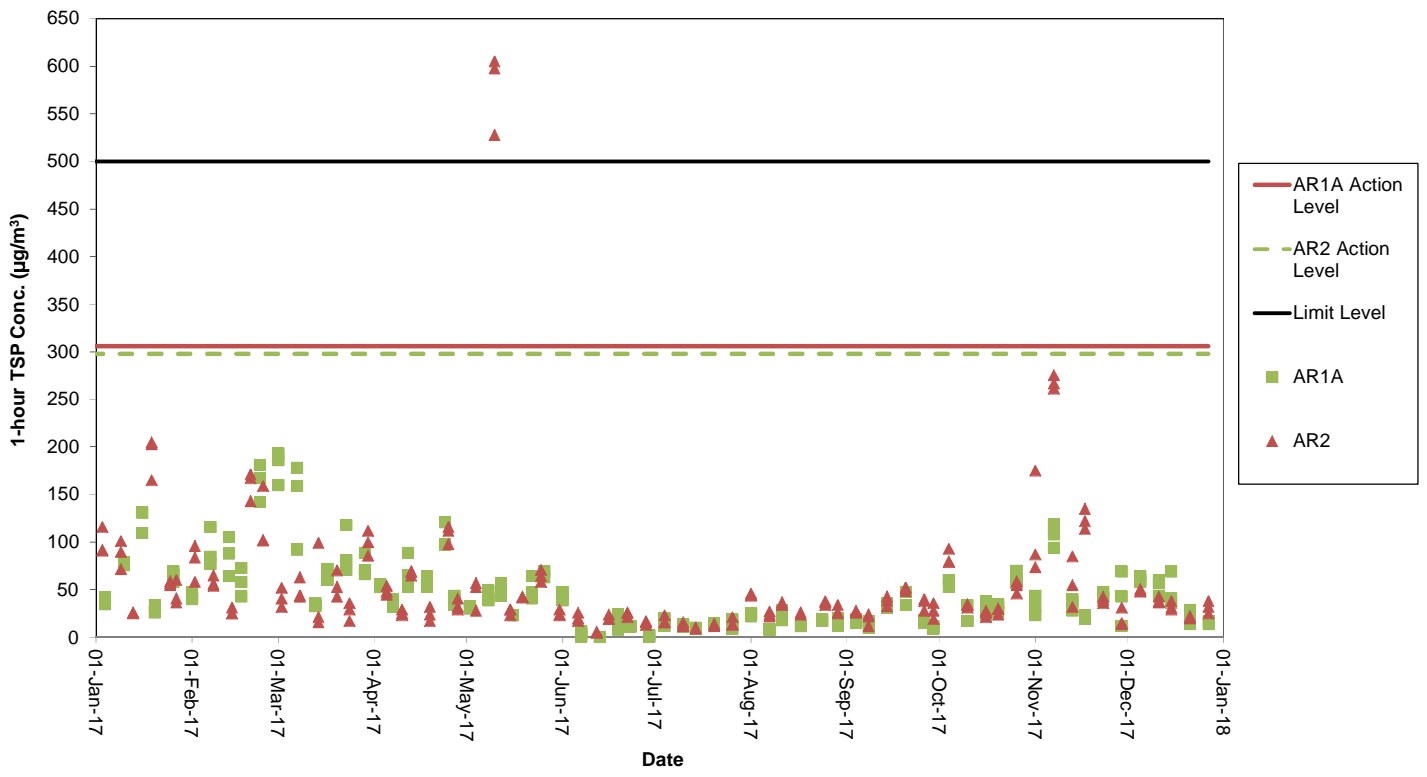


Appendix D. Monitoring Results

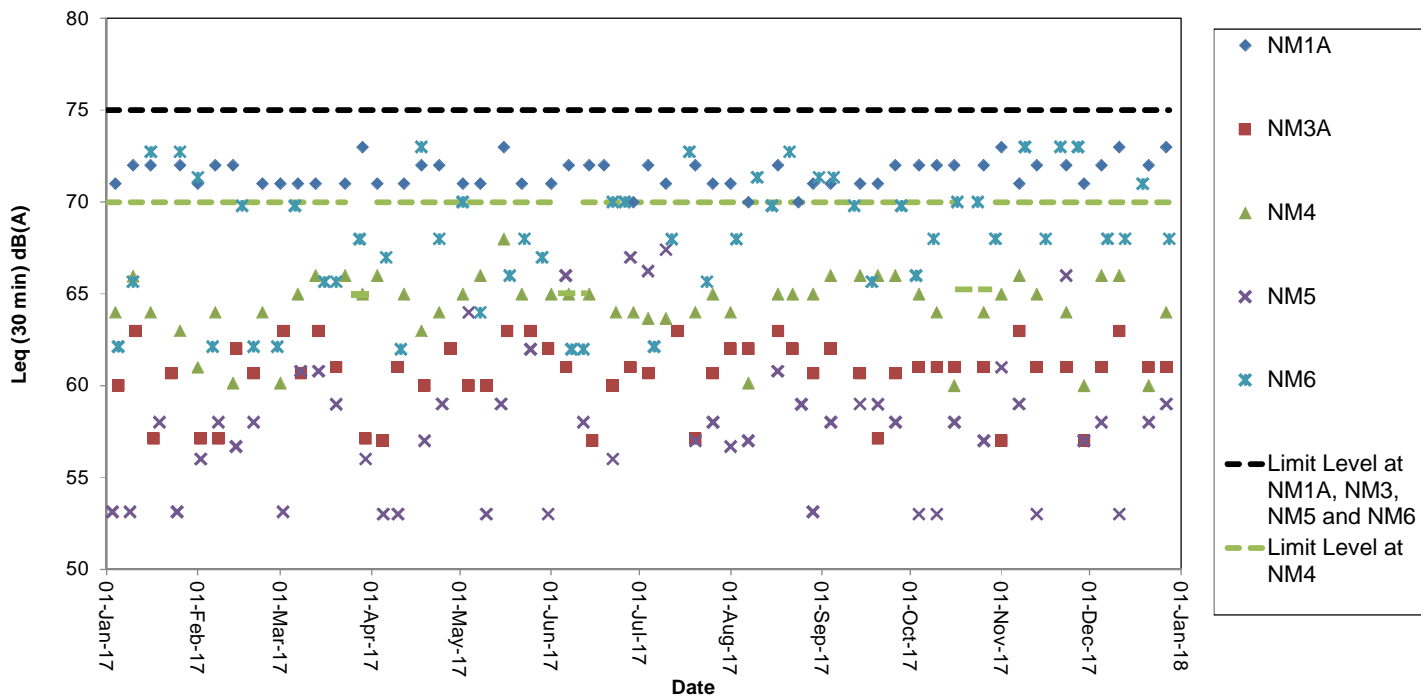
Air Quality Monitoring Results

Air Quality Monitoring Results



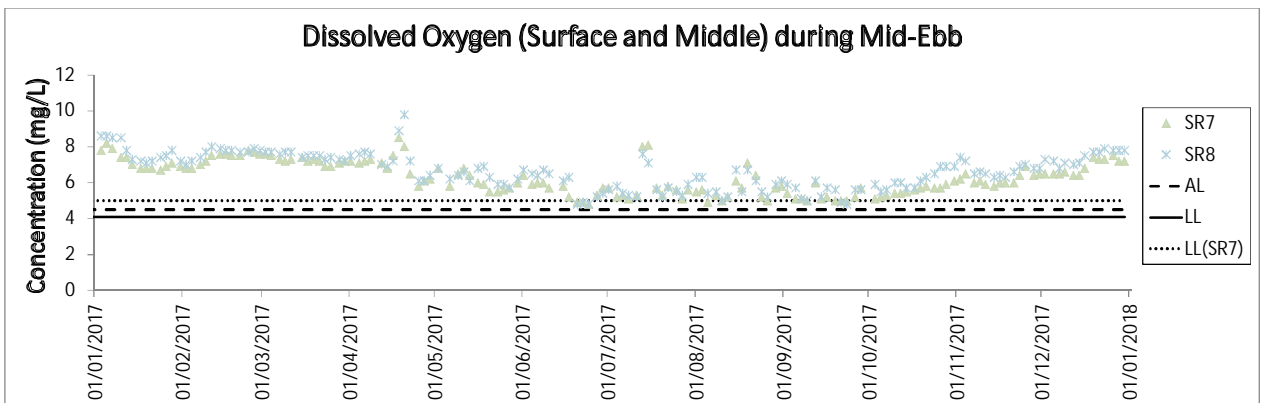
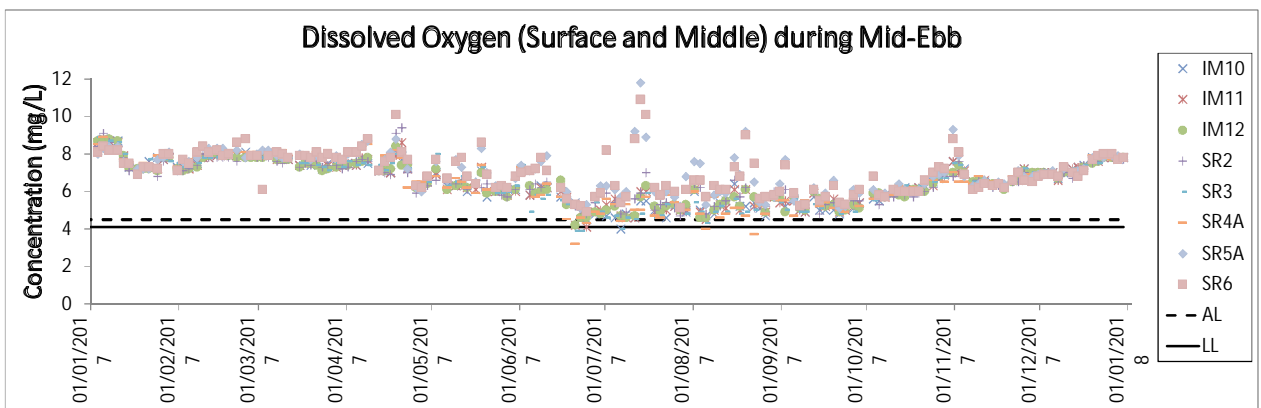
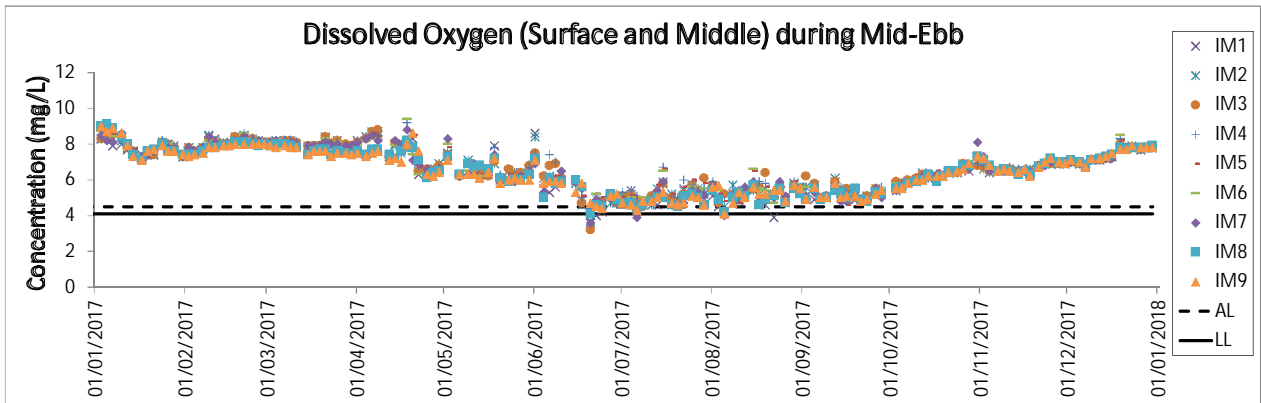
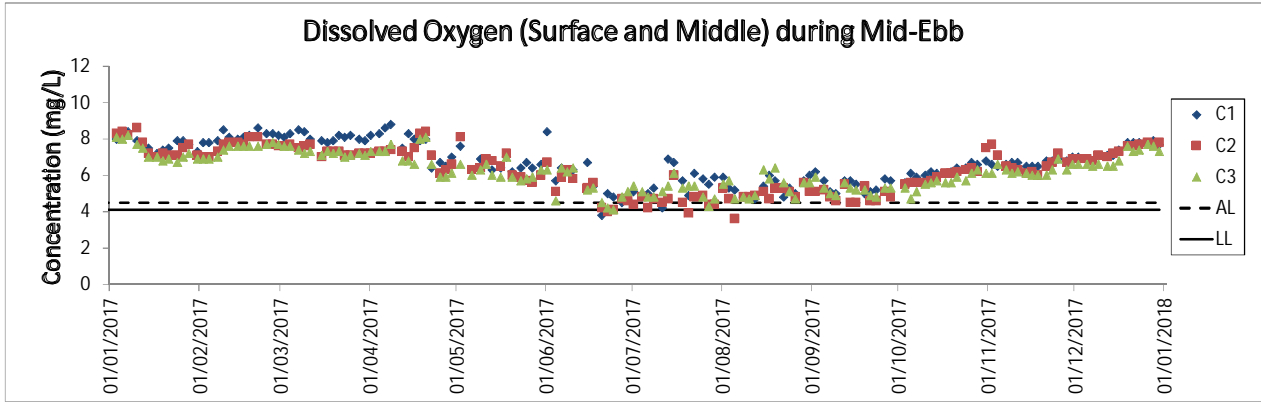
Noise Monitoring Results

Noise Monitoring Results

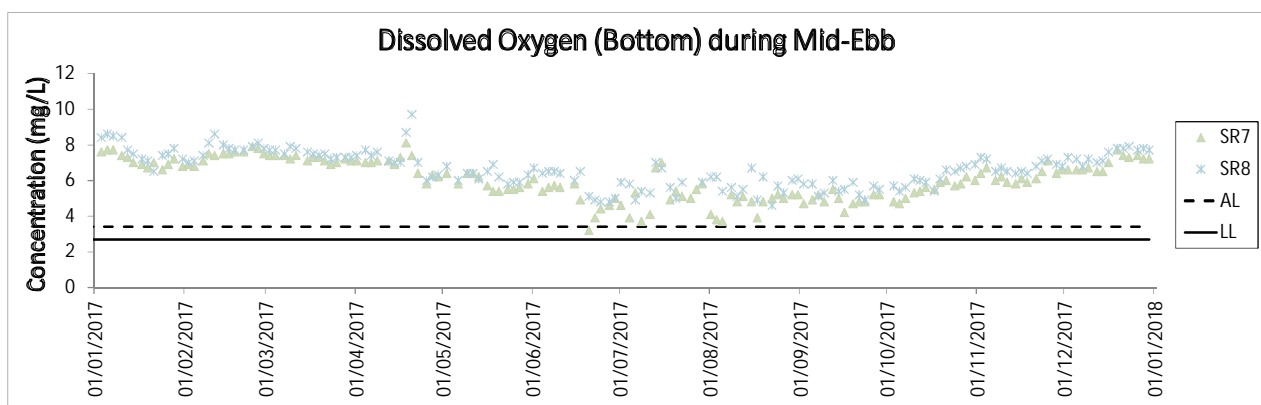
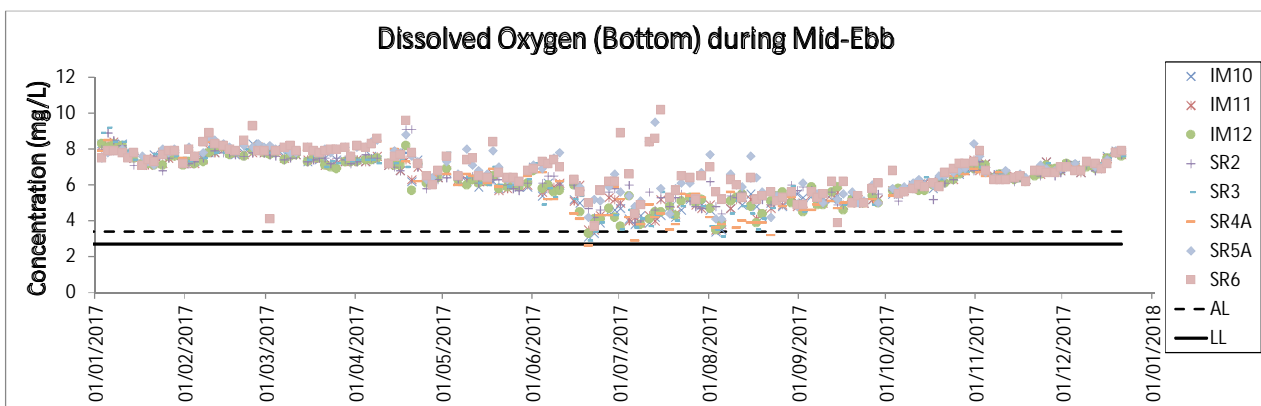
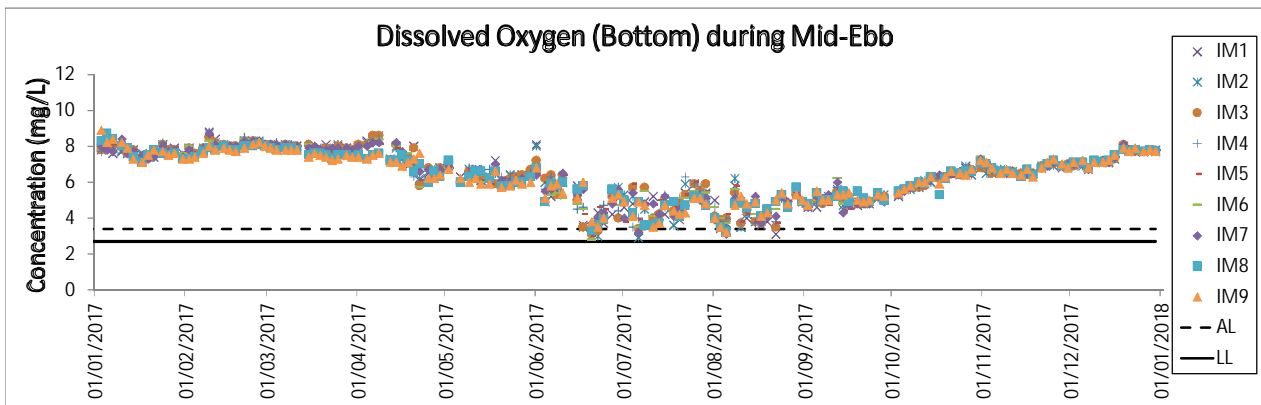
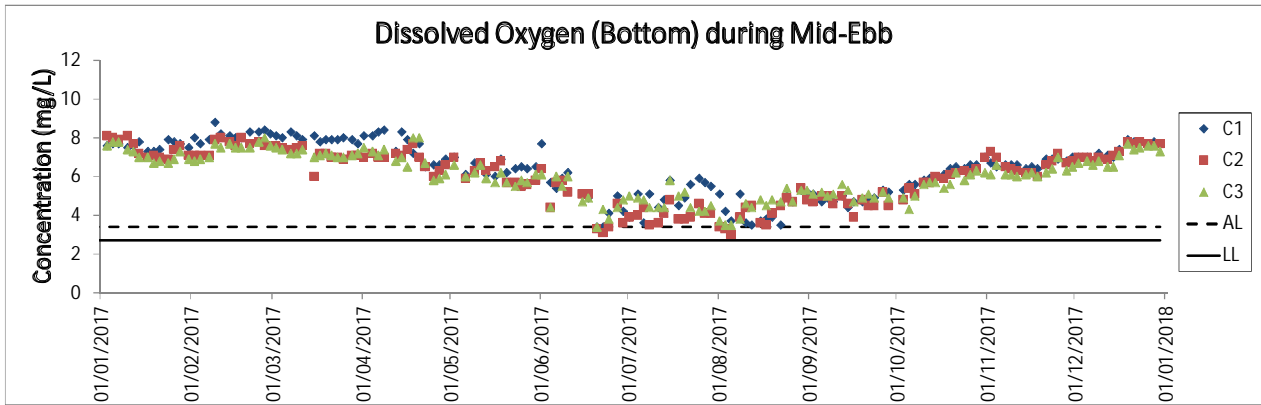


Note: The Limit Level is reduced to 70dB(A) for school and 65db(A) during school examination period at NM4. School examination periods in the reporting period were 27/3 to 31/3, 5/6 to 9/6, and 23/10 to 27/10.

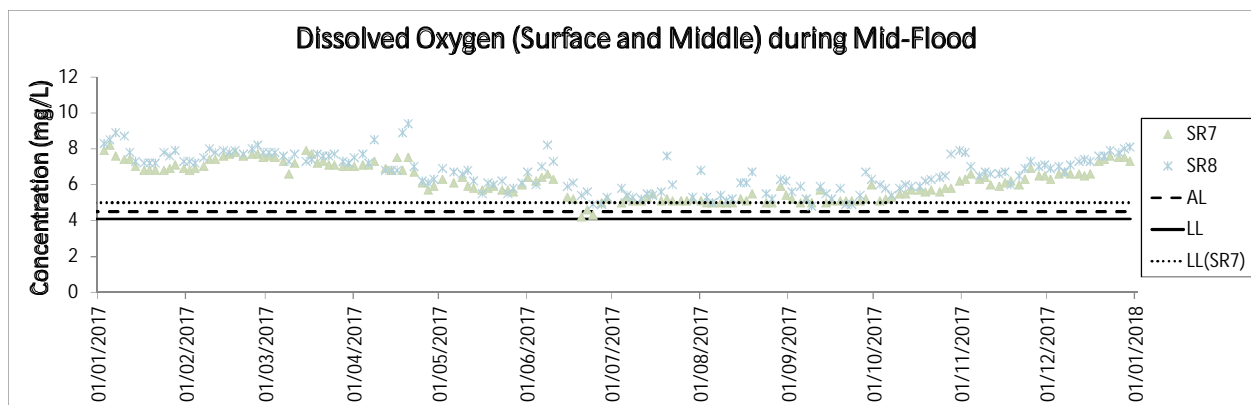
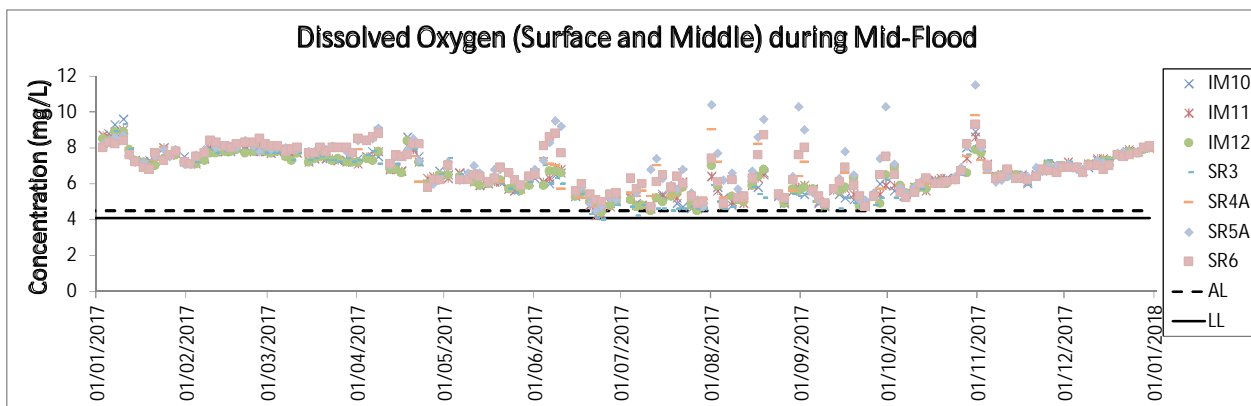
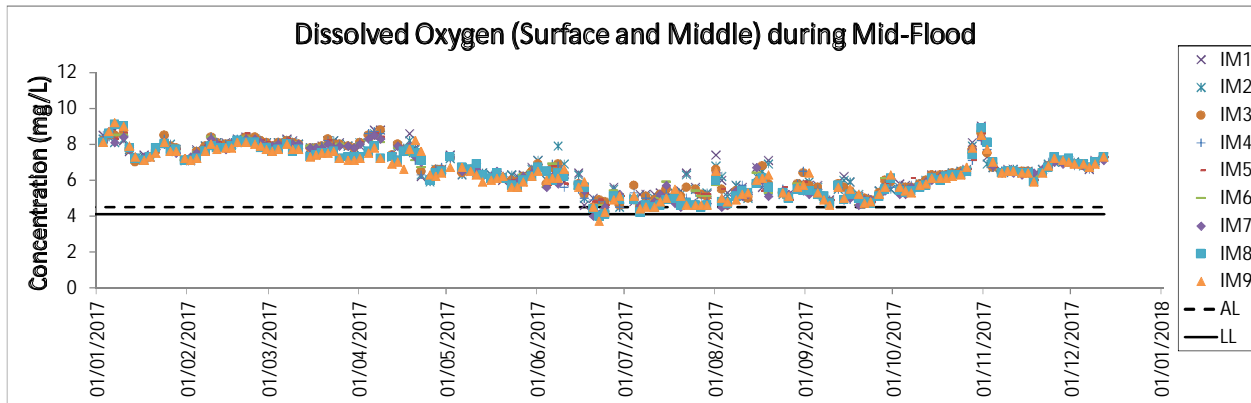
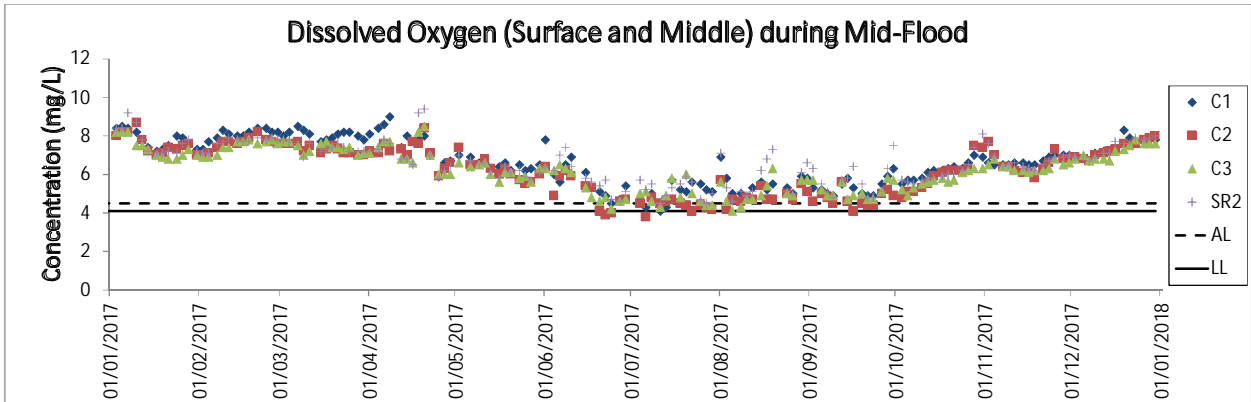
Water Quality Monitoring Results



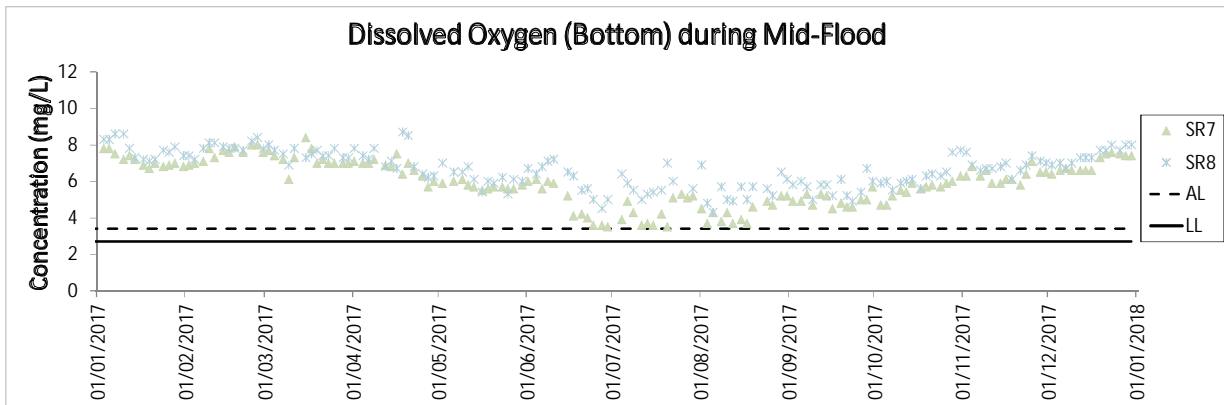
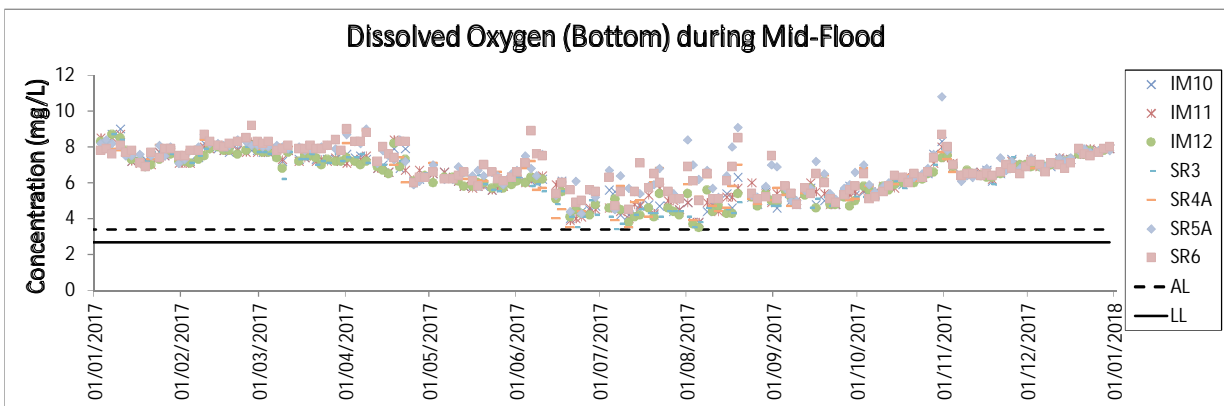
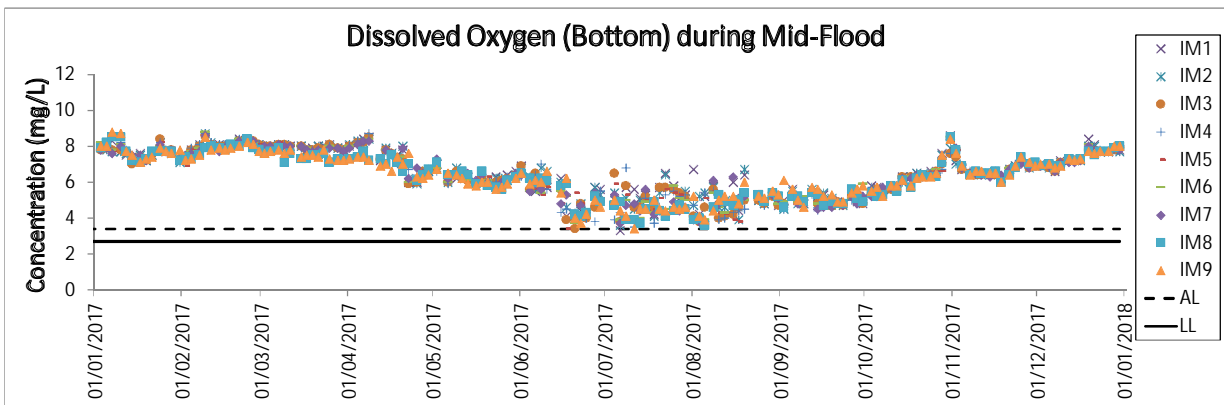
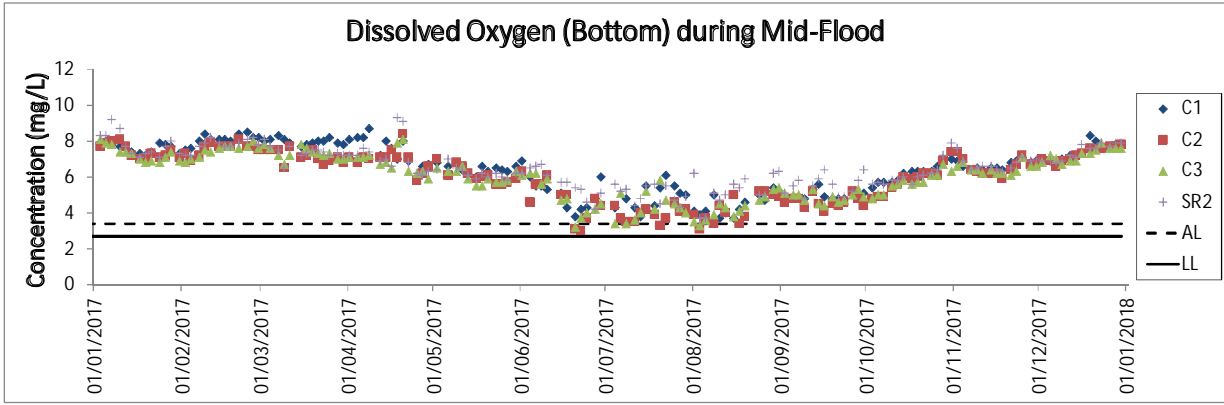
Note: The Action and Limit Levels can be referred to Table 2.6 of the Annual EM&A Report.



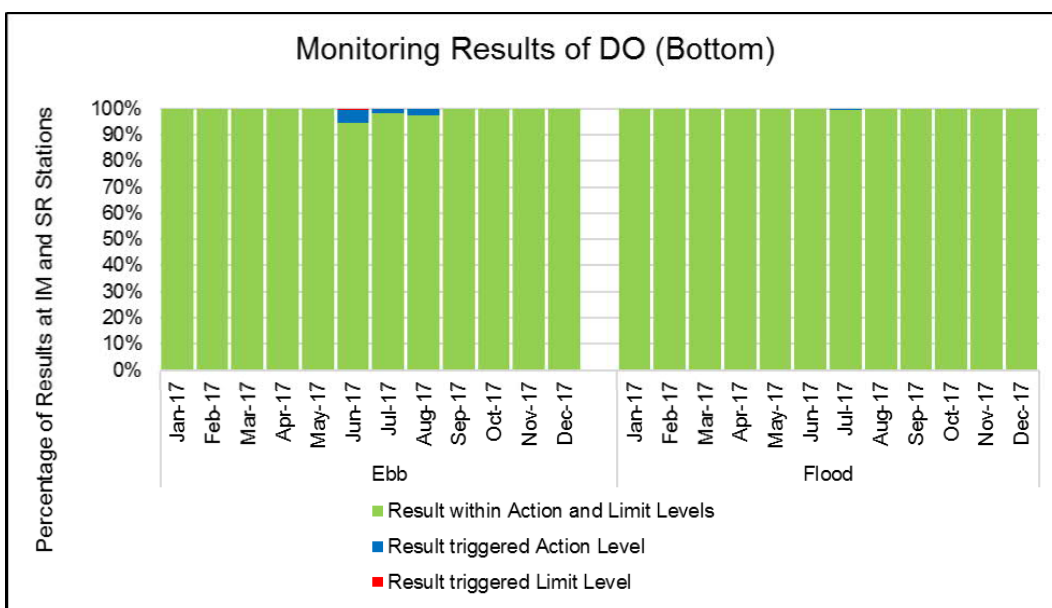
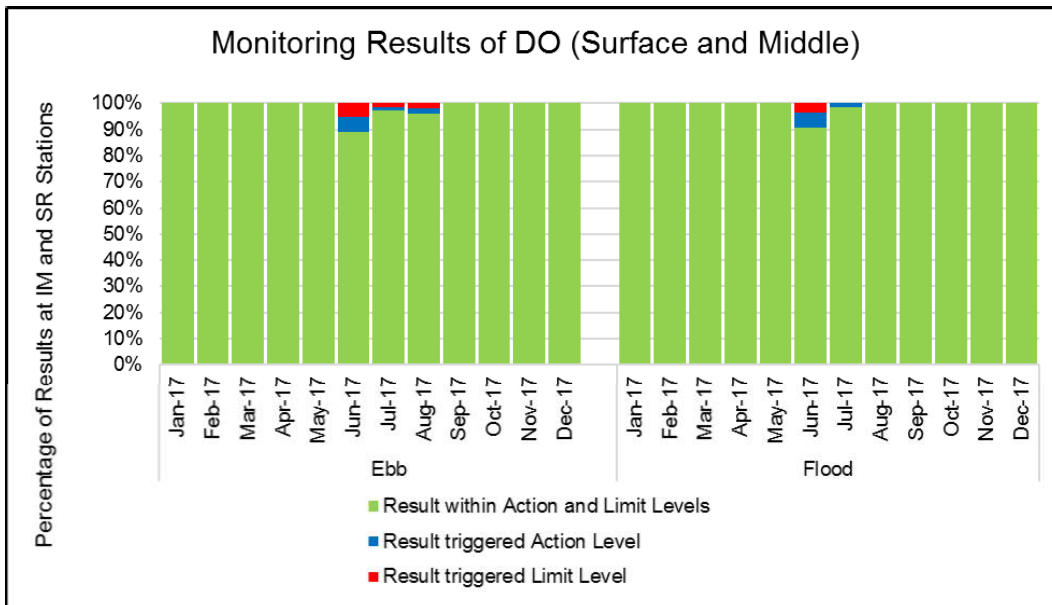
Note: The Action and Limit Levels can be referred to Table 2.6 of the Annual EM&A Report.



Note: The Action and Limit Levels can be referred to Table 2.6 of the Annual EM&A Report.

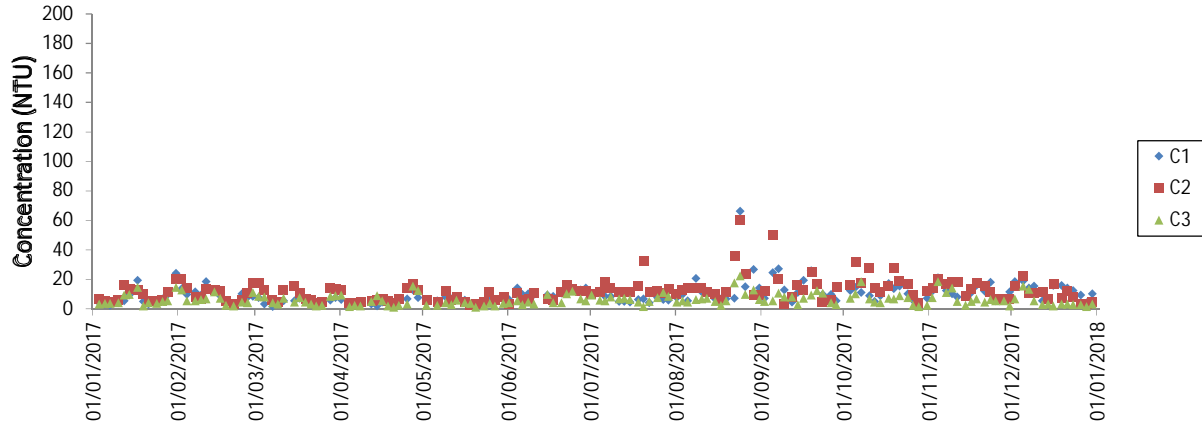


Note: The Action and Limit Levels can be referred to Table 2.6 of the Annual EM&A Report.

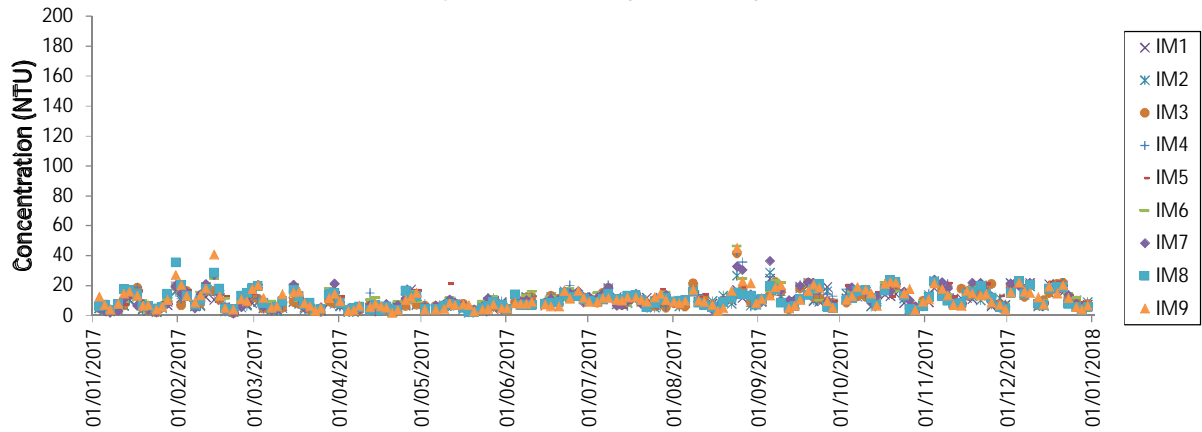


During the reporting period, 1.2% of the DO monitoring results at surface and middle water level and 0.4% of the DO monitoring results at bottom water level triggered the corresponding Action or Limit Level. All results triggering the corresponding Action or Limit level were collected during the wet season (April to October), particularly in June to August, which suggest the observation of seasonal effect on the DO monitoring results. Based on above observations, as well as the relevant investigation findings presented in the Construction Phase Monthly EM&A Reports, it is considered that the Project did not cause adverse impact on DO level at all water quality sensitive receivers.

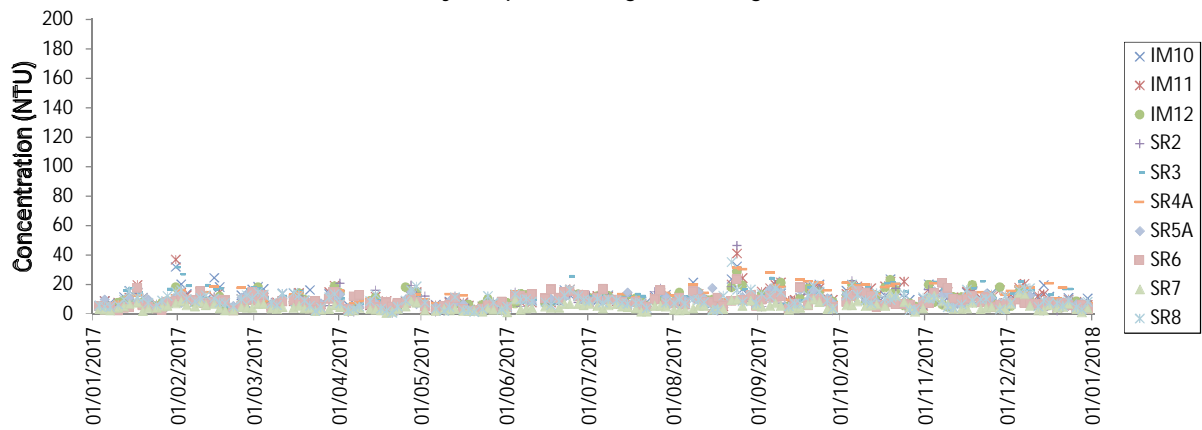
Turbidity (Depth-averaged) during Mid-Ebb



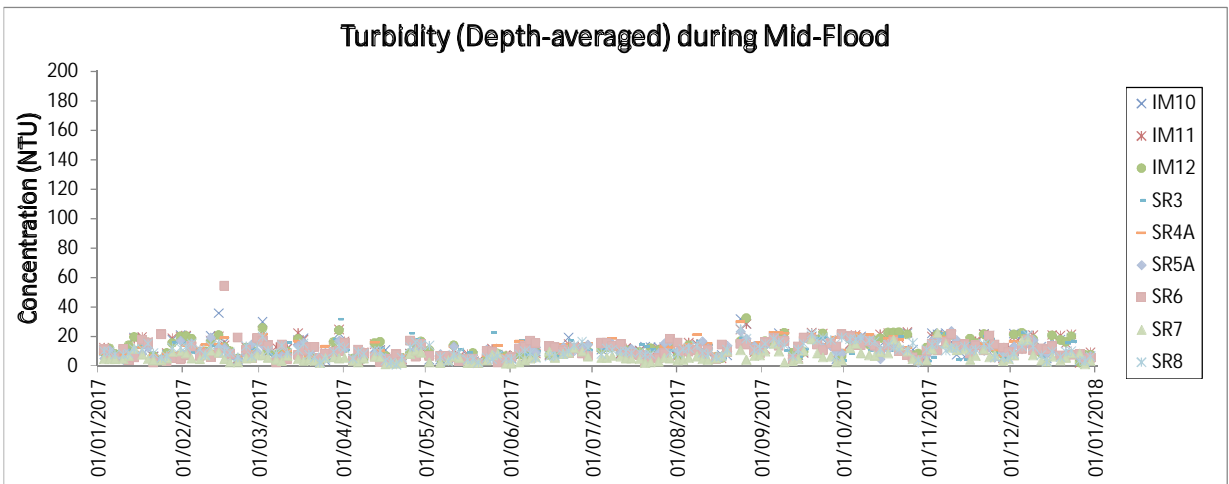
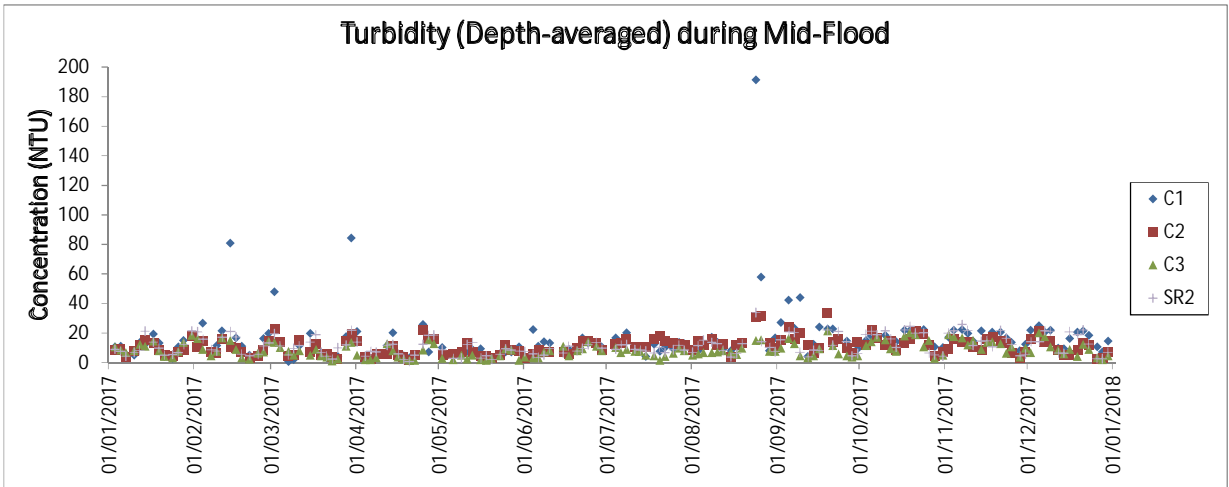
Turbidity (Depth-averaged) during Mid-Ebb



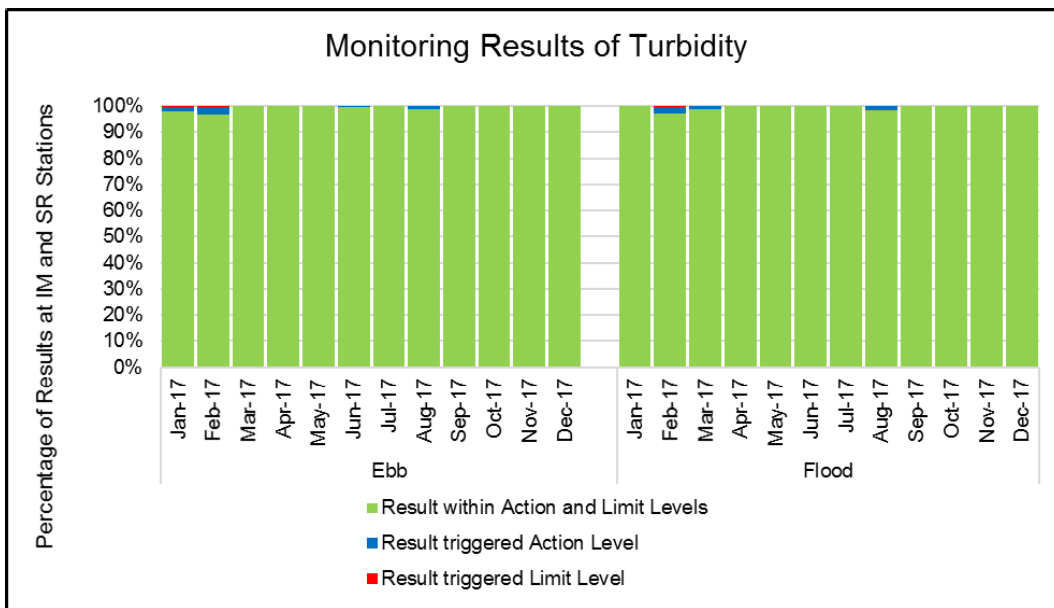
Turbidity (Depth-averaged) during Mid-Ebb



Note: The Action and Limit Levels can be referred to Table 2.6 of the Annual EM&A Report.

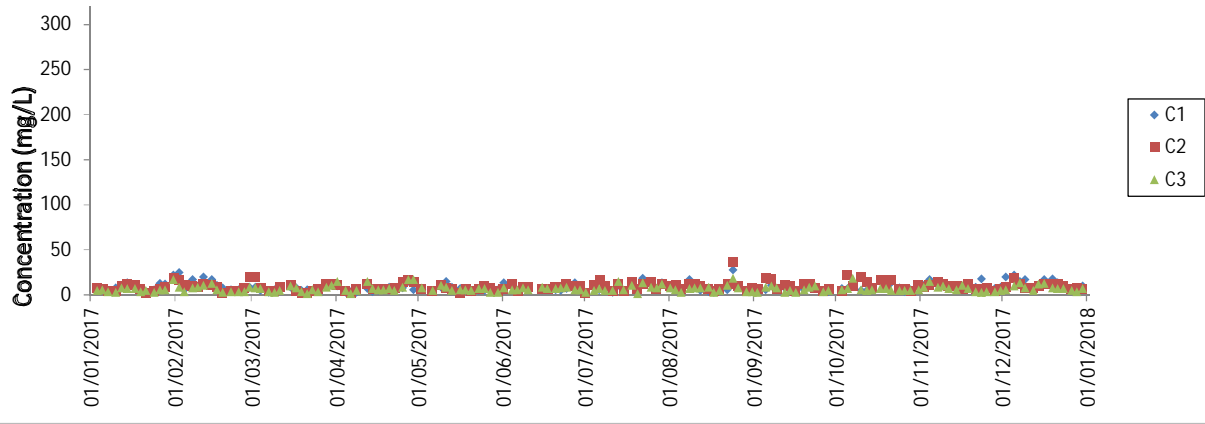


Note: The Action and Limit Levels can be referred to Table 2.6 of the Annual EM&A Report.

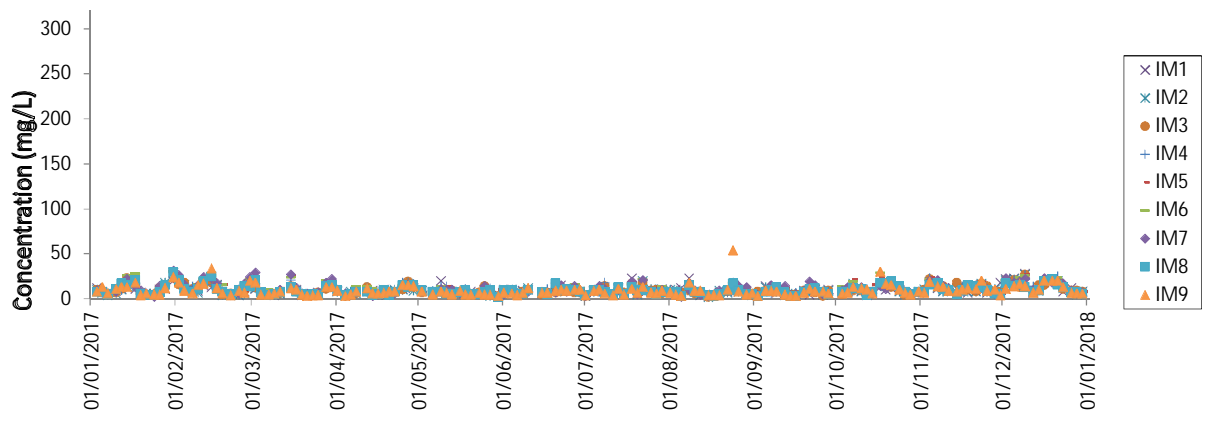


During the reporting period, 0.5% of the turbidity monitoring results triggered the corresponding Action or Limit Level. Due to the small number of results triggering the Action or Limit Level, and the relevant investigation findings presented in the Construction Phase Monthly EM&A Reports, it is considered that the Project did not cause adverse impact on turbidity level at all water quality sensitive receivers.

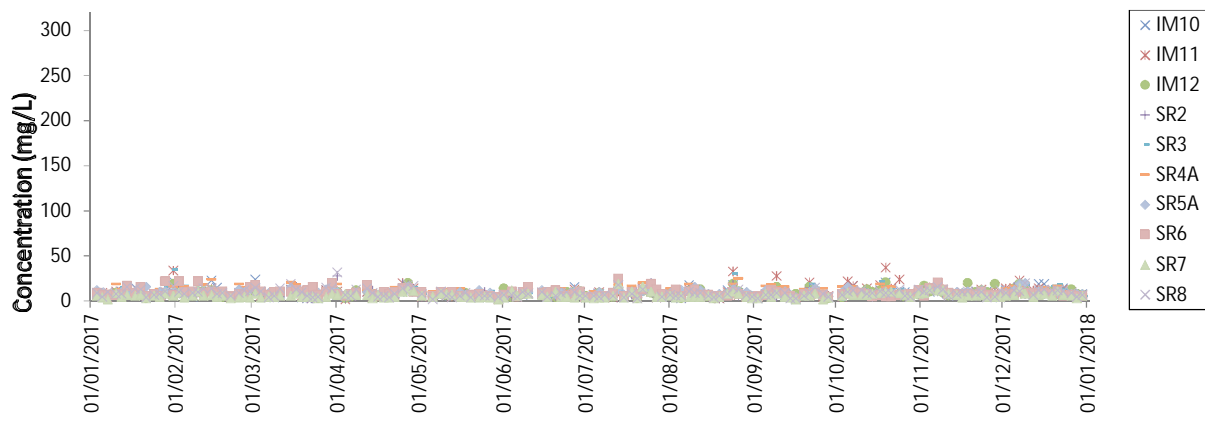
Suspended Solids (Depth-averaged) during Mid-Ebb



Suspended Solids (Depth-averaged) during Mid-Ebb

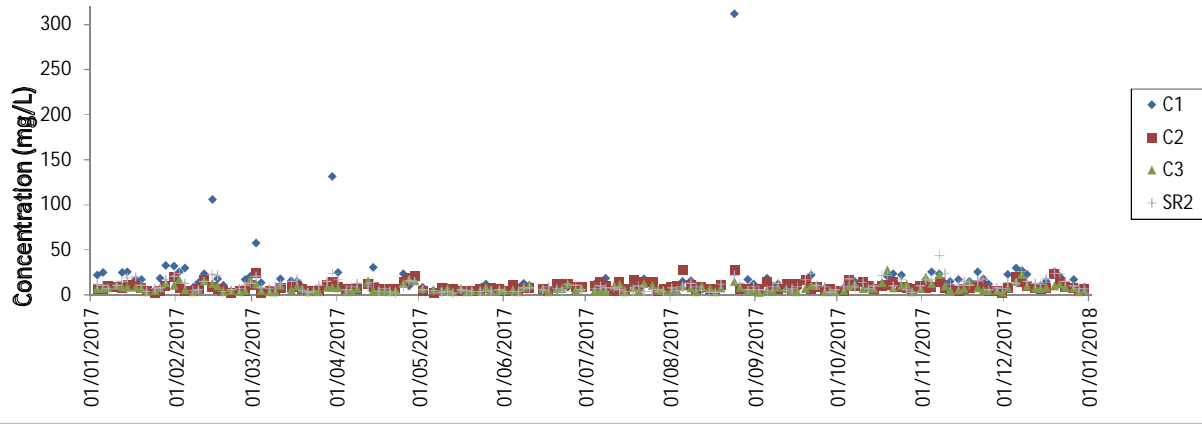


Suspended Solids (Depth-averaged) during Mid-Ebb

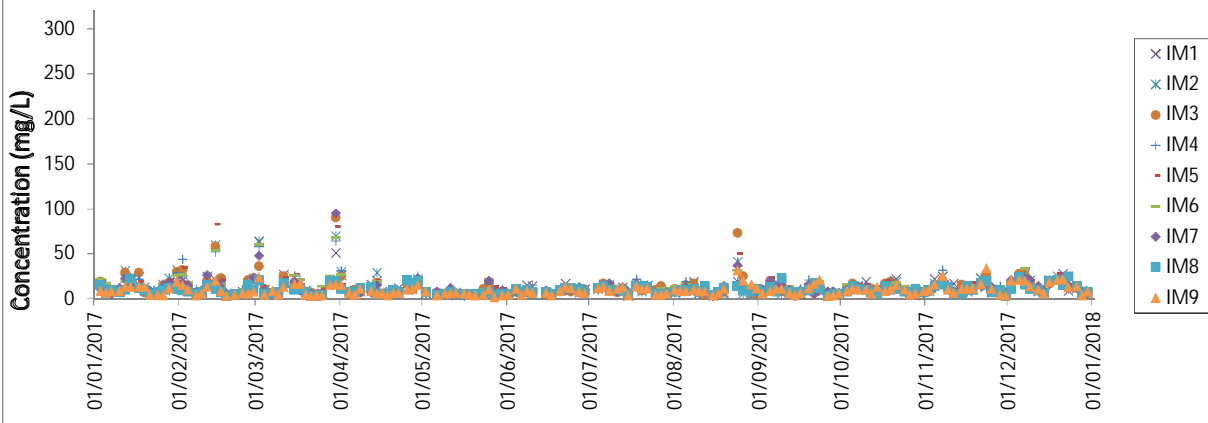


Note: The Action and Limit Levels can be referred to Table 2.6 of the Annual EM&A Report.

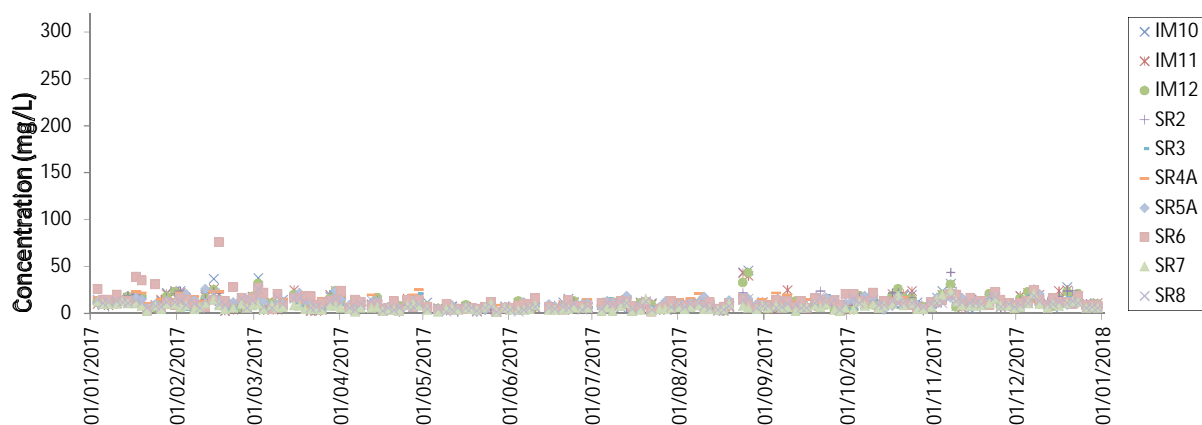
Suspended Solids (Depth-averaged) during Mid-Flood



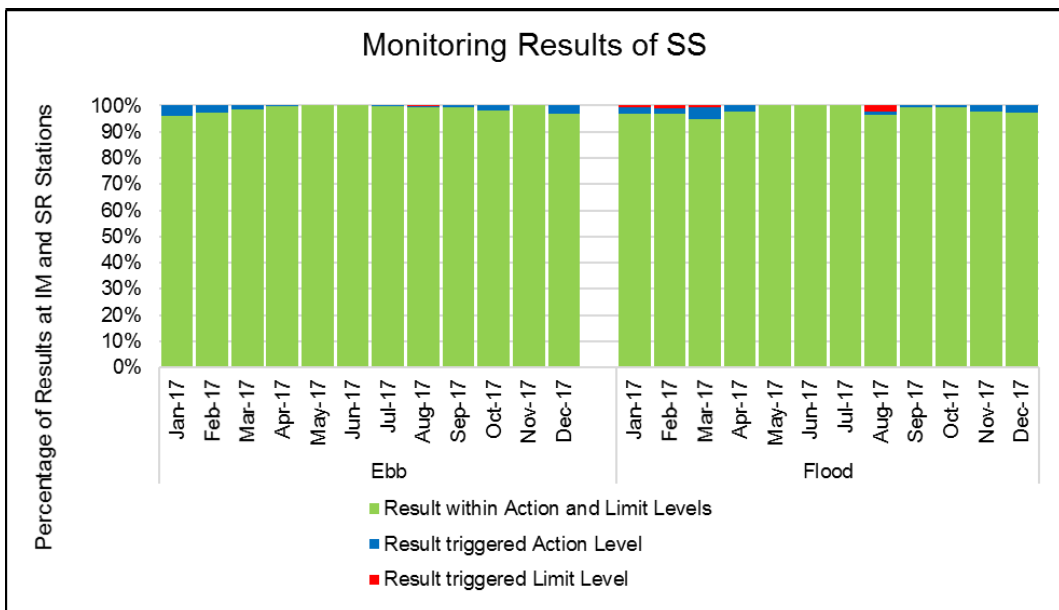
Suspended Solids (Depth-averaged) during Mid-Flood



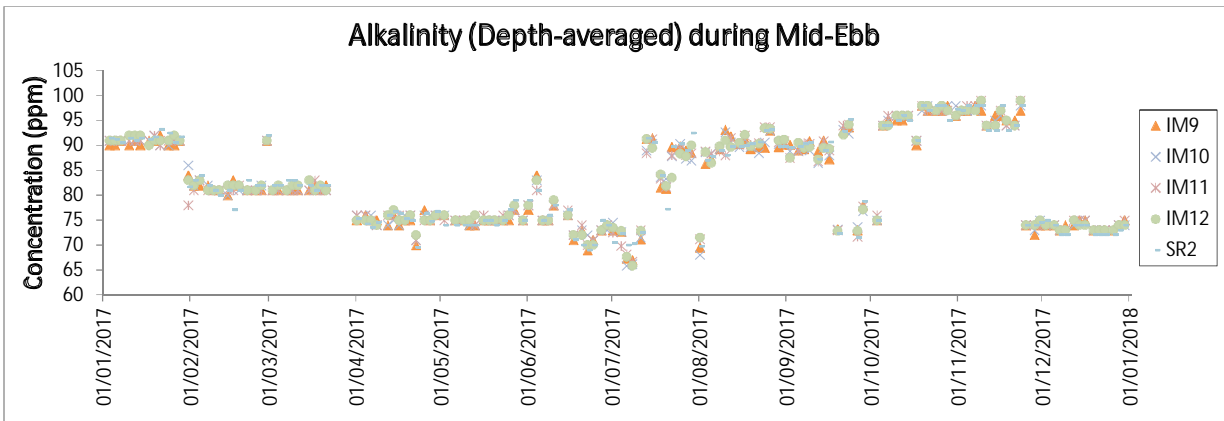
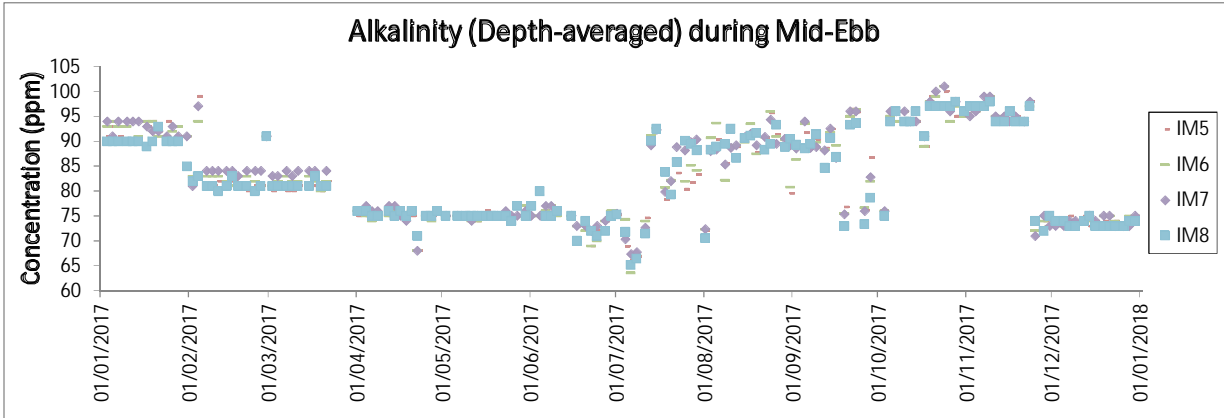
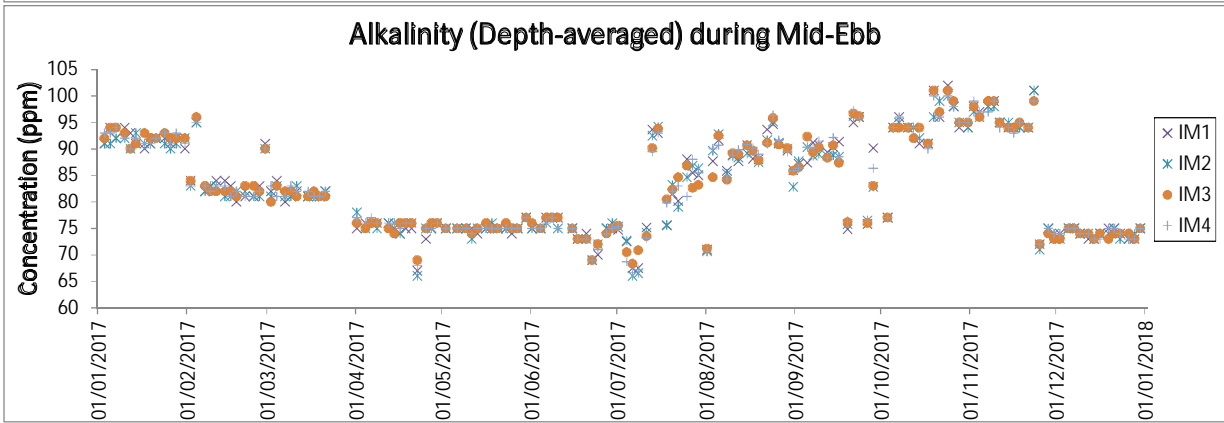
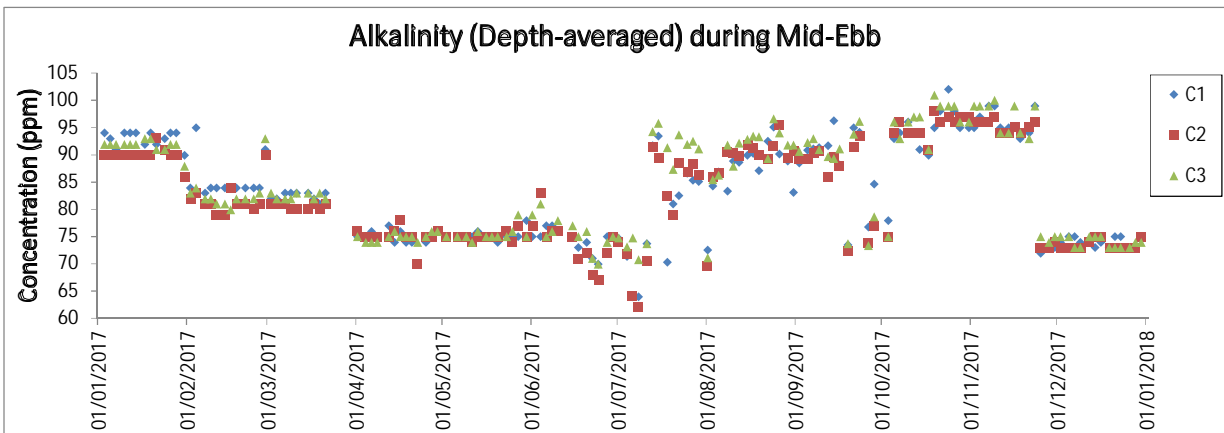
Suspended Solids (Depth-averaged) during Mid-Flood



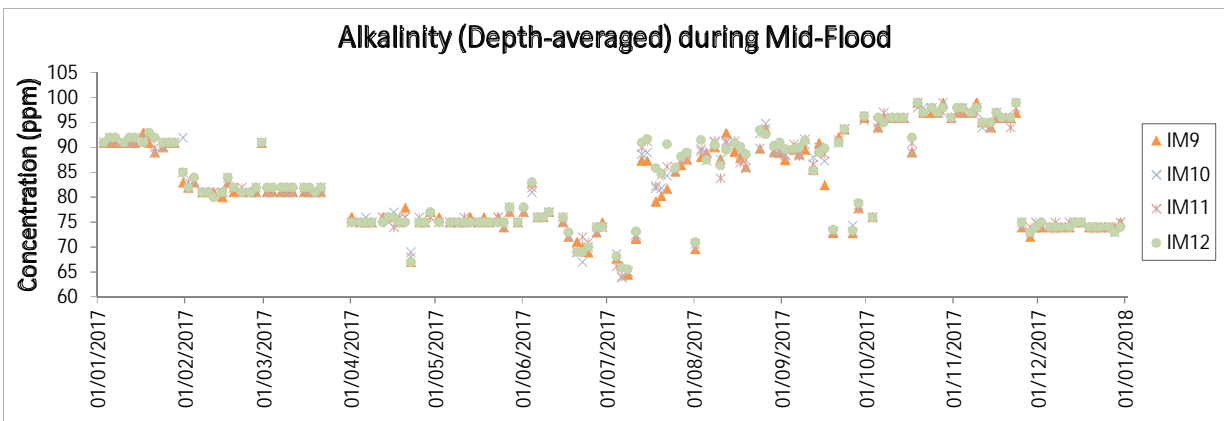
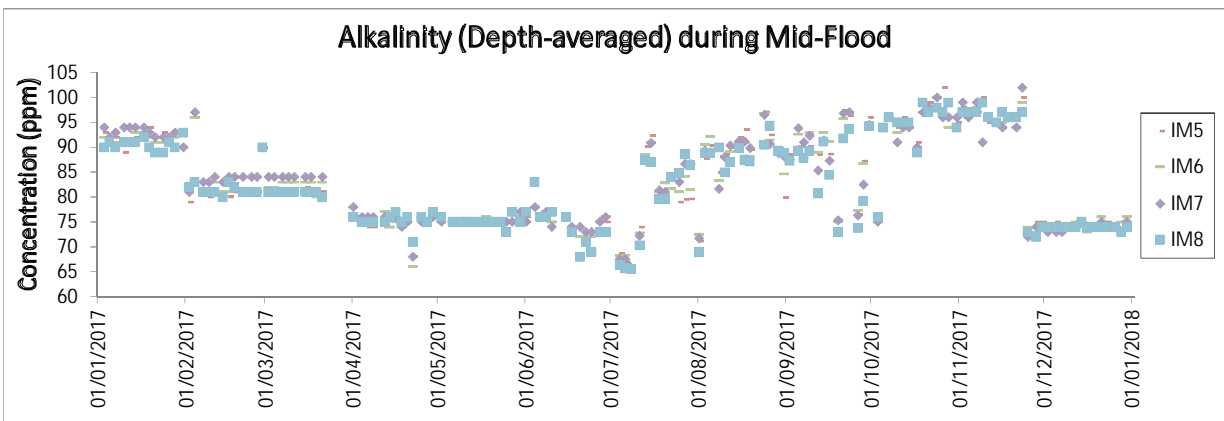
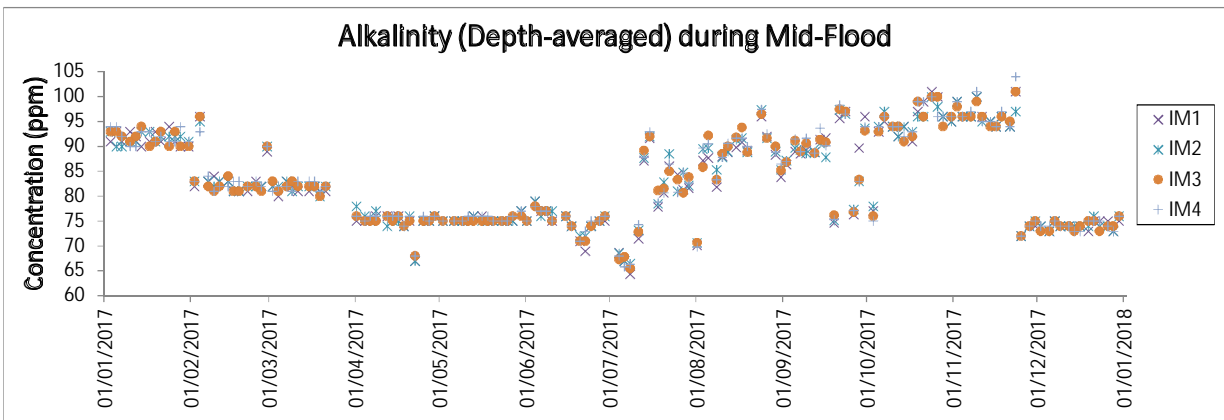
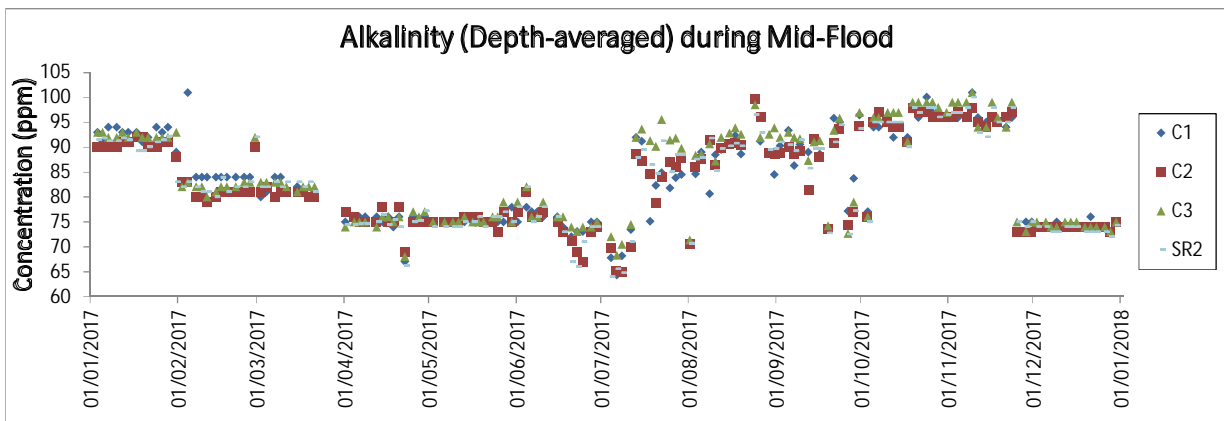
Note: The Action and Limit Levels can be referred to Table 2.6 of the Annual EM&A Report.



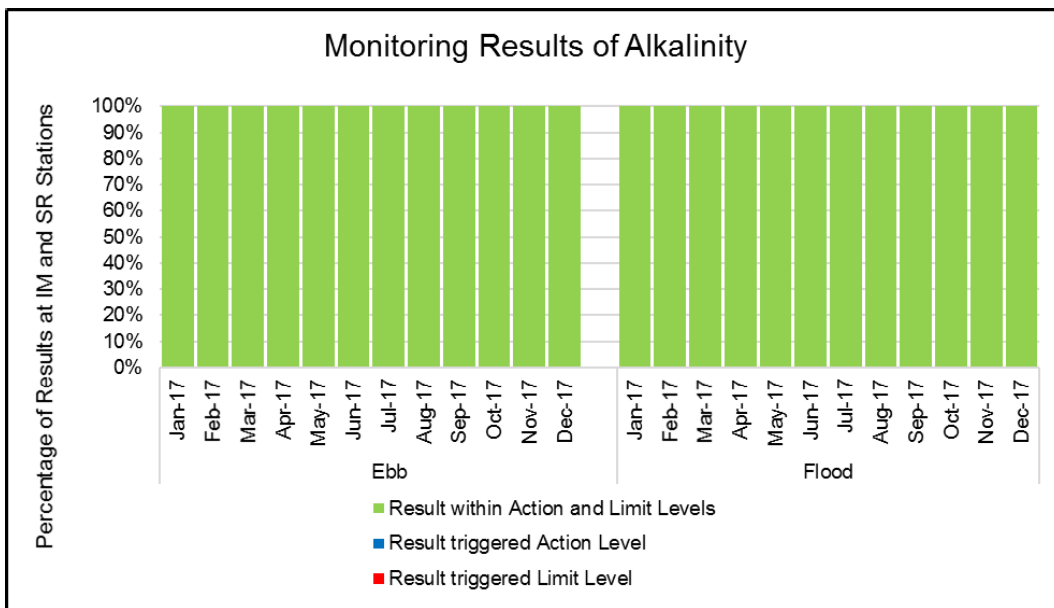
During the reporting period, 1.6% of the SS monitoring results triggered the corresponding Action or Limit Level. Due to the small number of results triggering the Action or Limit Level, and the relevant investigation findings presented in the Construction Phase Monthly EM&A Reports, it is considered that the Project did not cause adverse impact on SS level at all water quality sensitive receivers.



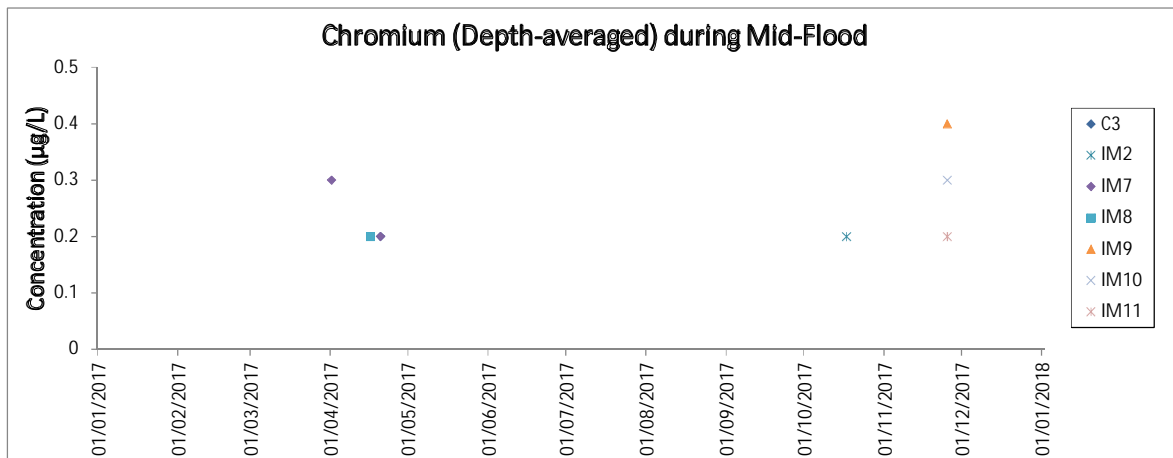
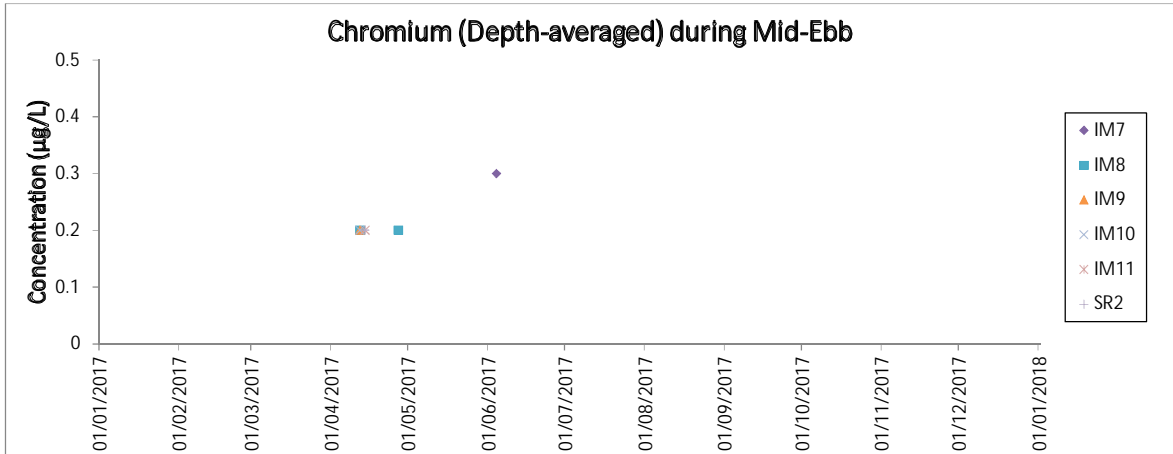
Note: The Action and Limit Levels can be referred to Table 2.6 of the Annual EM&A Report.



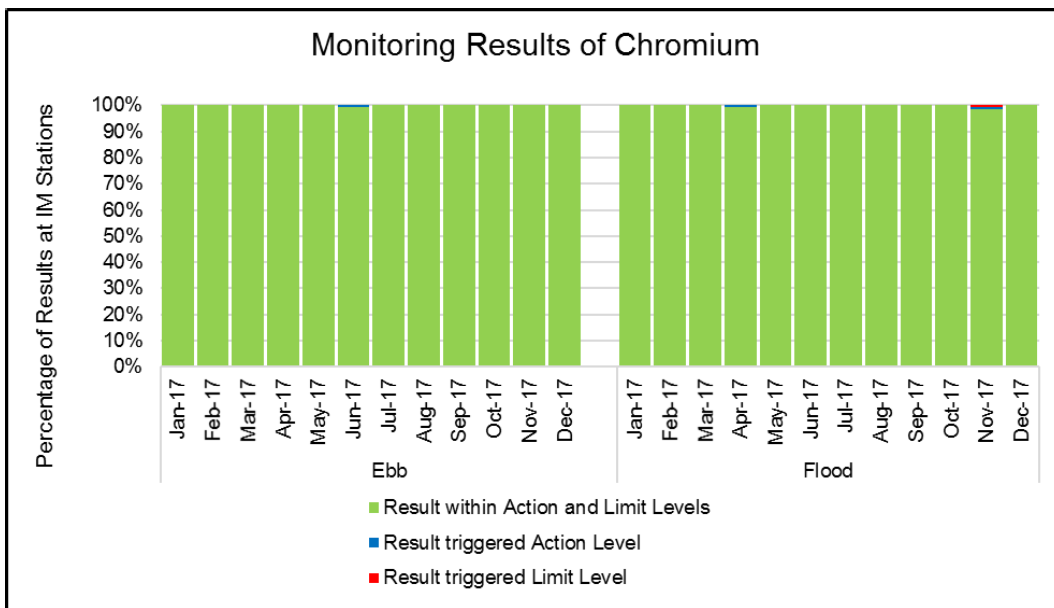
Note: The Action and Limit Levels can be referred to Table 2.6 of the Annual EM&A Report.



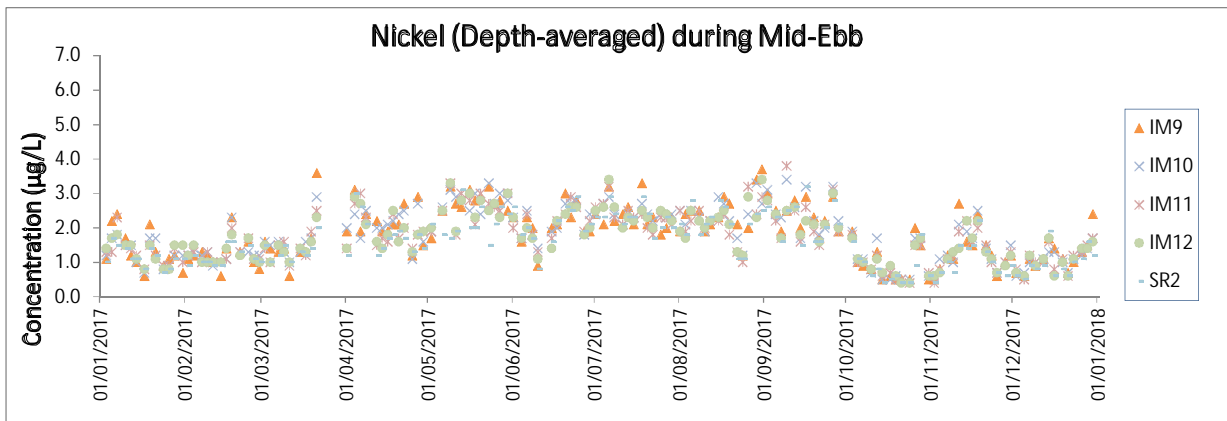
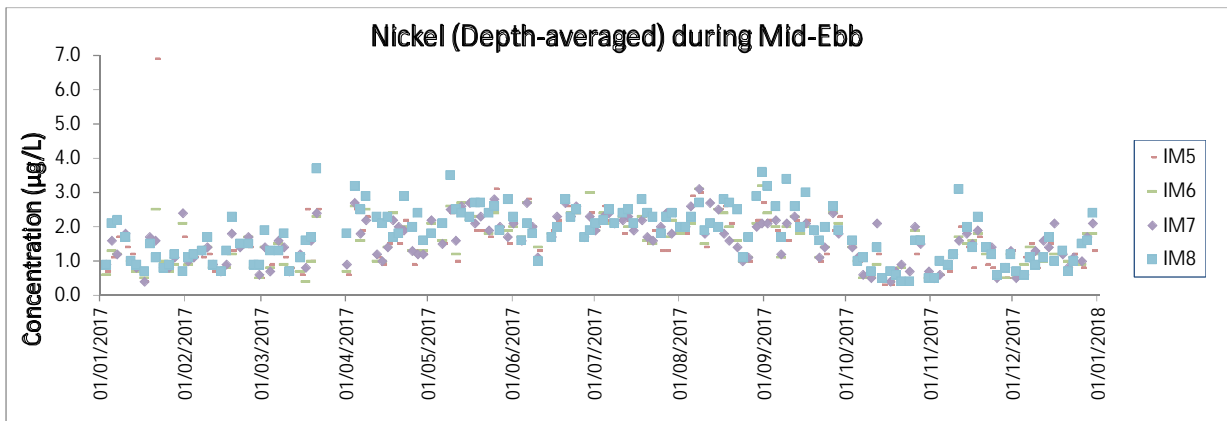
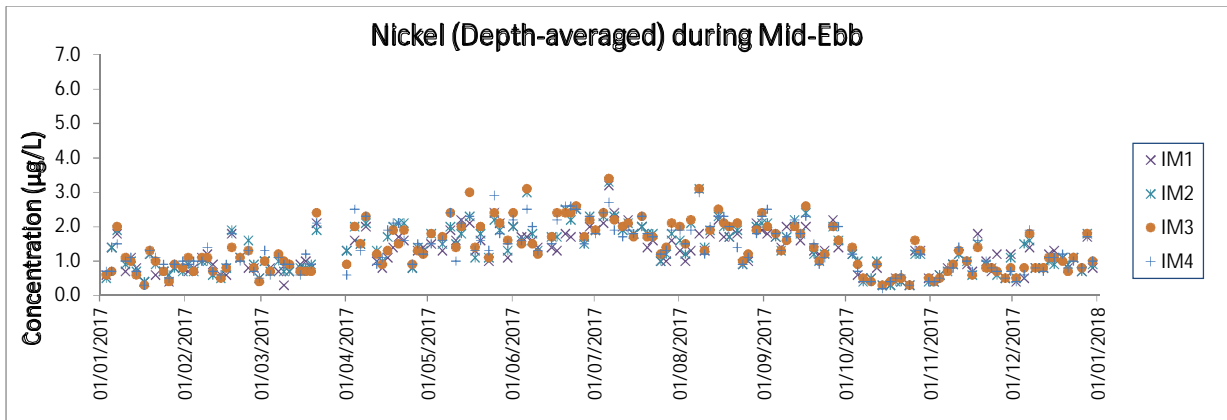
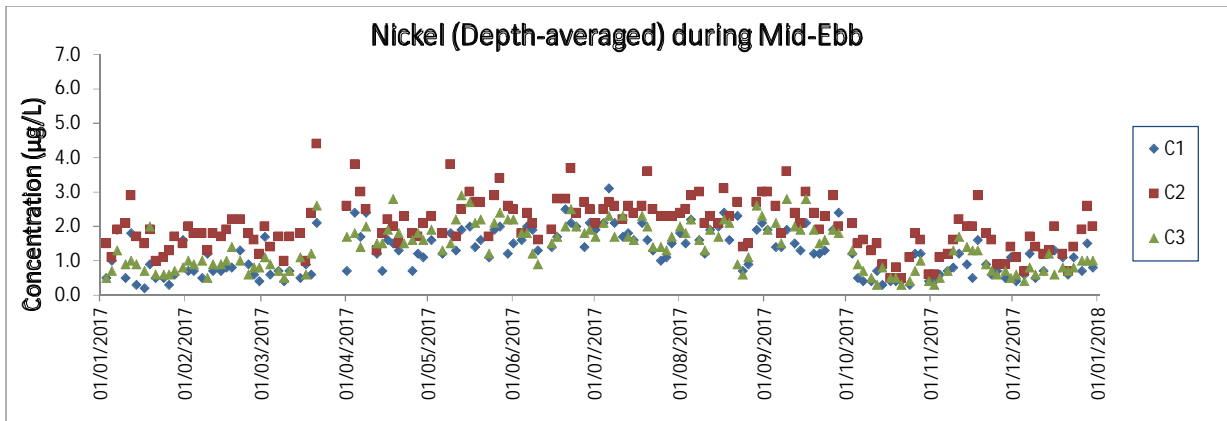
All alkalinity monitoring results in the reporting period were within the corresponding Action and Limit Levels.



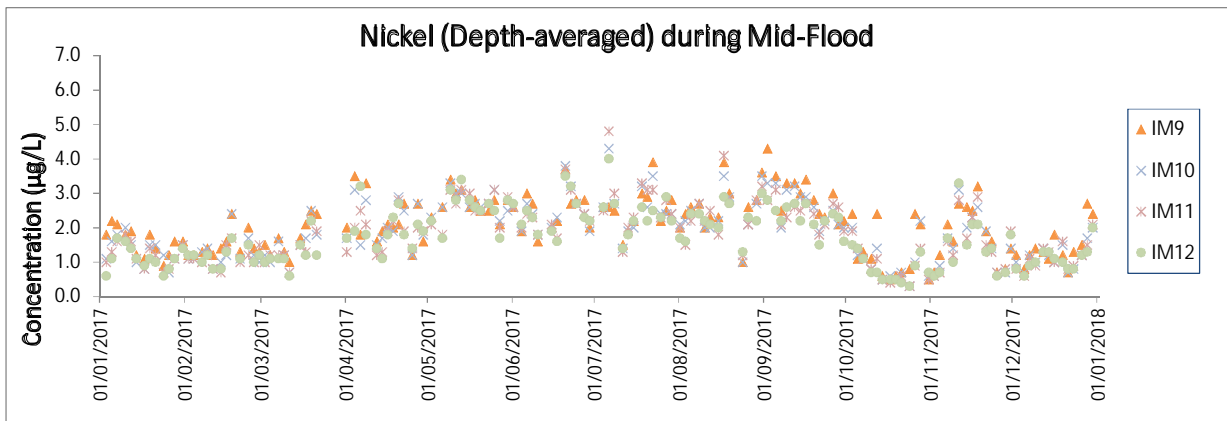
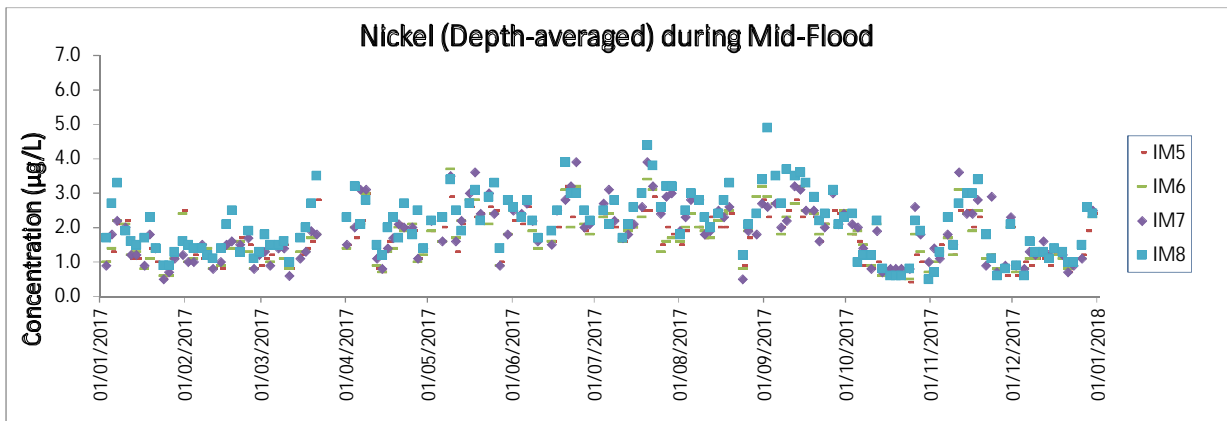
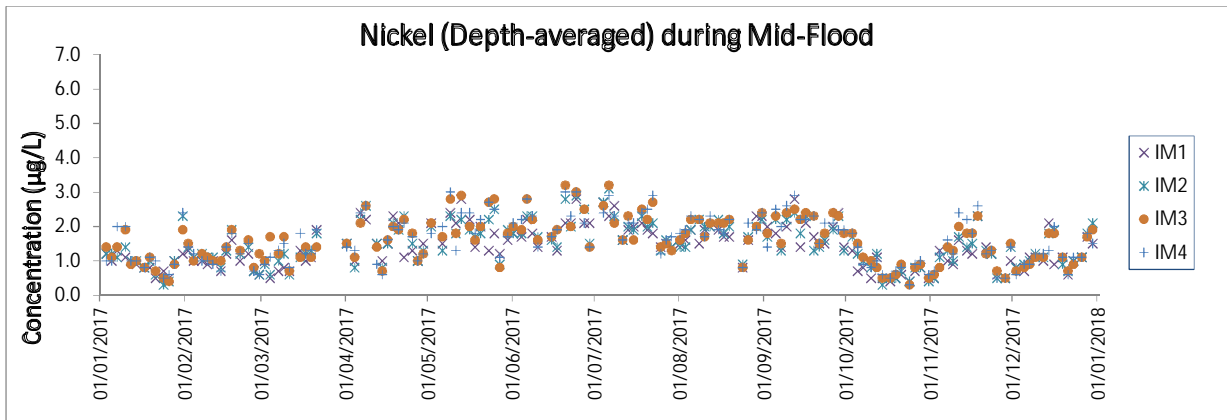
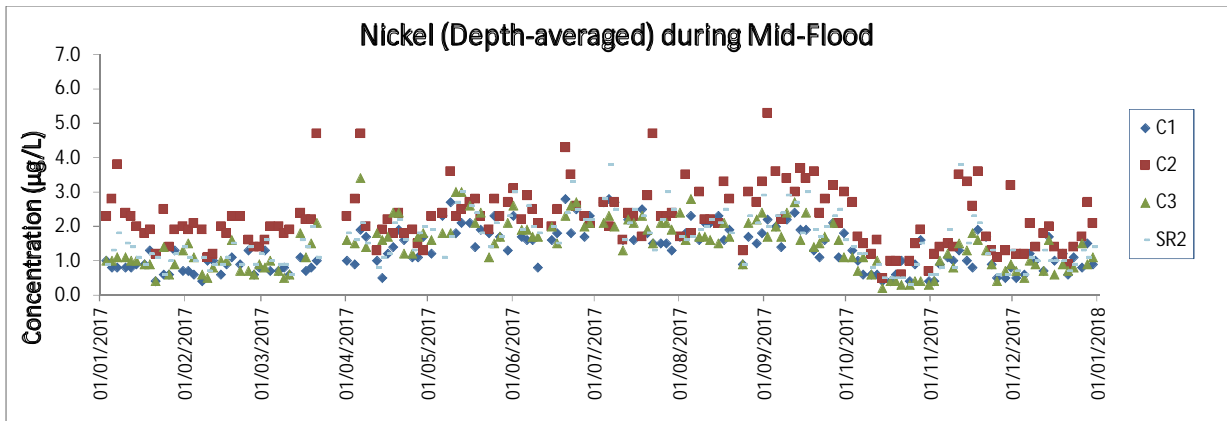
Note: The Action and Limit Levels can be referred to Table 2.6 of the Annual EM&A Report.
 The monitoring results of Chromium at all other monitoring stations were below the reporting limit of 0.2 µg/L.



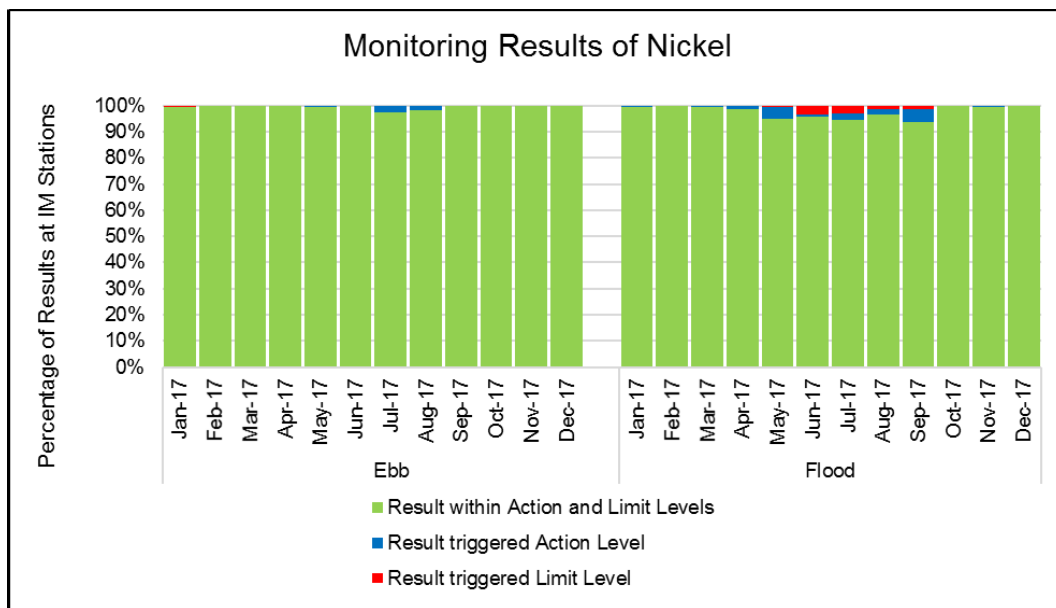
During the reporting period, 0.1% of the chromium monitoring results triggered the corresponding Action or Limit Level. It appeared that all cases were isolated with no observable temporal and spatial trend that might be related to Project activities.



Note: The Action and Limit Levels can be referred to Table 2.6 of the Annual EM&A Report.



Note: The Action and Limit Levels can be referred to Table 2.6 of the Annual EM&A Report.



During the reporting period, 1.2% of the nickel monitoring results triggered the corresponding Action or Limit Level. From the graph, it is noted that the majority of cases were recorded in the wet season during mid-flood tide, which might suggest the existence of a seasonal, tide-specific effect that could have led to episodes of relatively high nickel concentrations, and is not related to the Project activities.

Combining the observations from the monitoring results of the two representative heavy metals for DCM works (chromium and nickel), the low percentage of results triggering corresponding Action or Limit Level, as well as the investigation findings which concluded that these cases were not related to the Project, this indicates that DCM activities during the reporting period did not cause adverse water quality impact.