

## **ANNEX F**

### **GRAPHICAL PRESENTATION OF CONSTRUCTION PHASE MARINE WATER QUALITY MONITORING RESULTS**

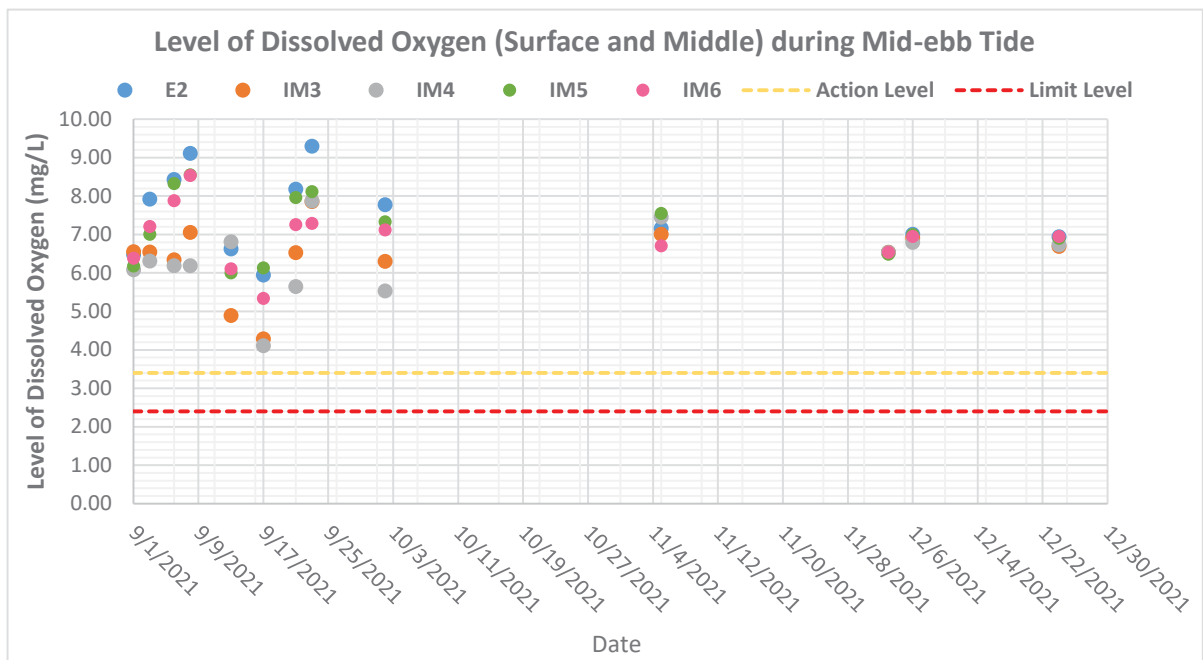


Figure F1a: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E2) and impact stations (IM3-IM6) under Group 2 during mid-ebb tides in the past four months (i.e. September to December 2021)

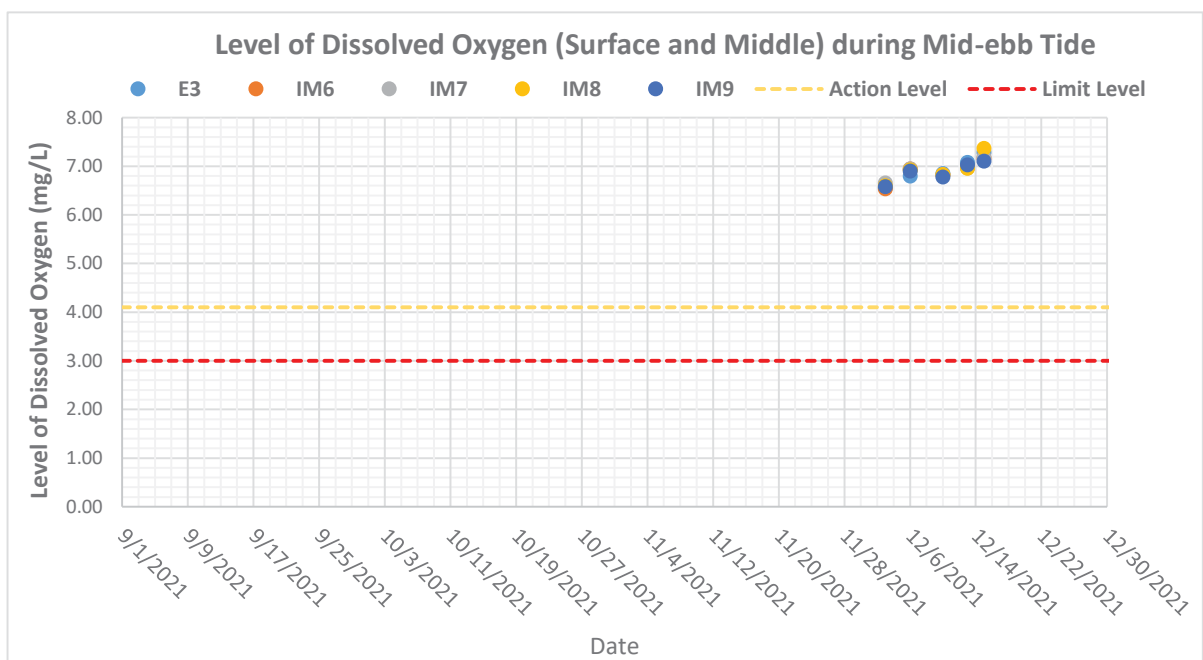


Figure F1b: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E3) and impact stations (IM6-IM9) under Group 3 during mid-ebb tides in the past four months (i.e. September to December 2021)

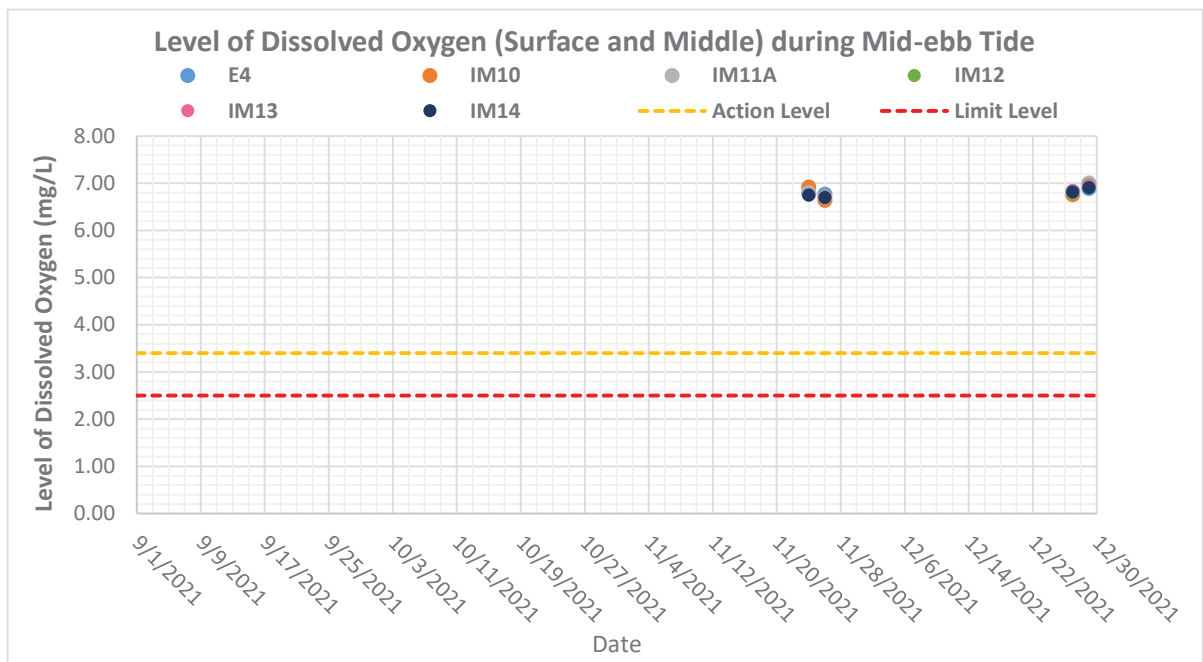


Figure F1c: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E4) and impact stations (IM10-IM14) under Group 4 during mid-ebb tides in the past four months (i.e. September to December 2021)

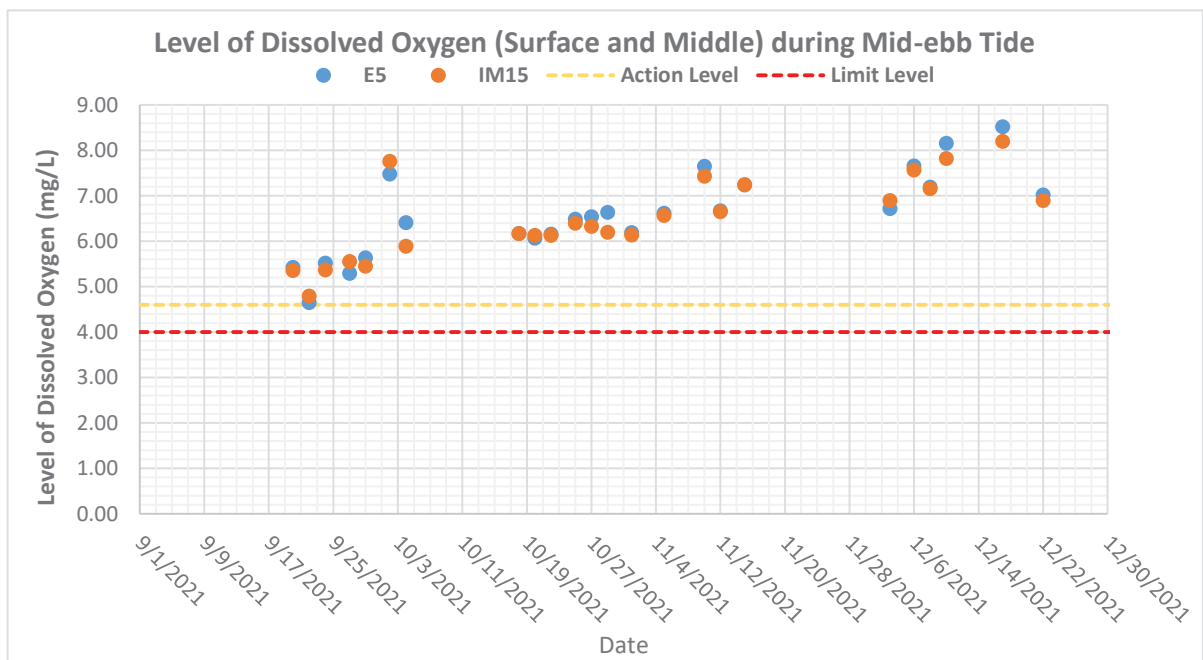


Figure F1d: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E5) and impact station (IM15) under Group 5 during mid-ebb tides in the past four months (i.e. September to December 2021)

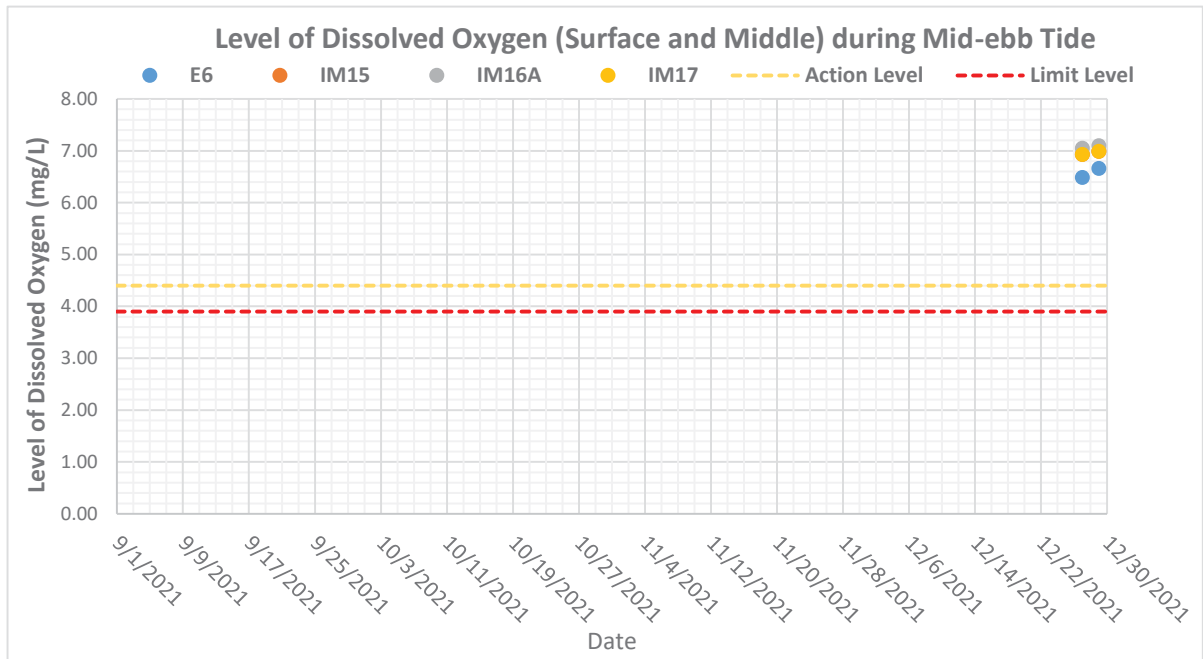


Figure F1e: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E6) and impact stations (IM15-IM17) under Group 6 during mid-ebb tides in the past four months (i.e. September to December 2021)

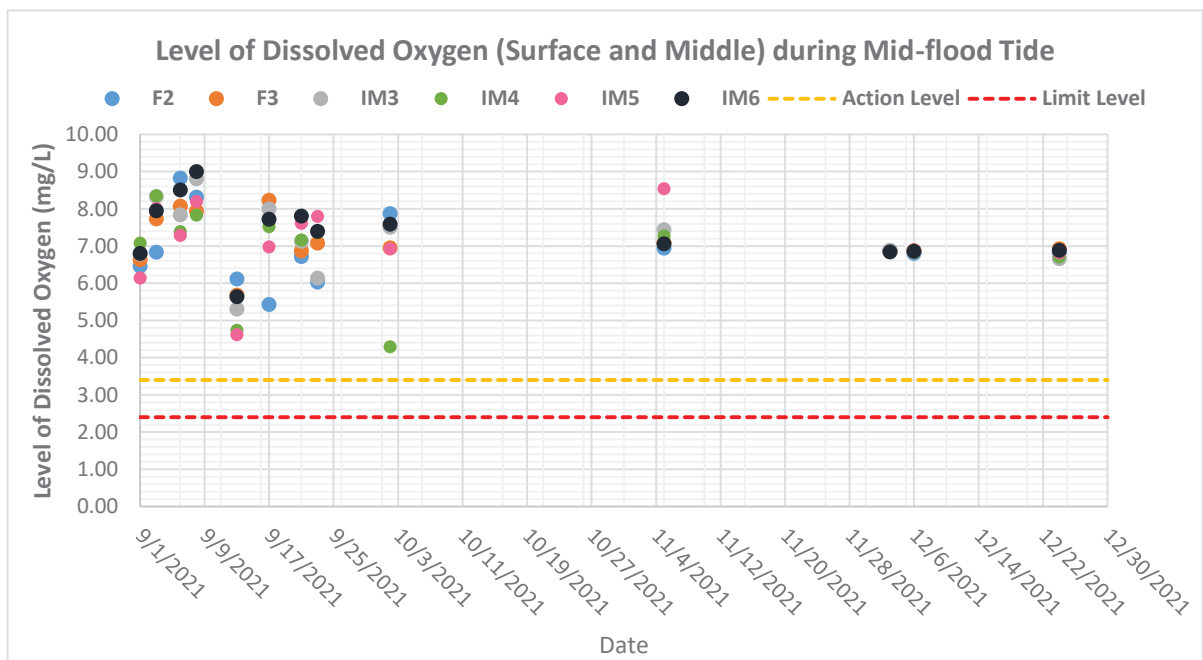


Figure F1f: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control stations (F2-F3) and impact stations (IM3-IM6) under Group 2 during mid-flood tides in the past four months (i.e. September to December 2021)

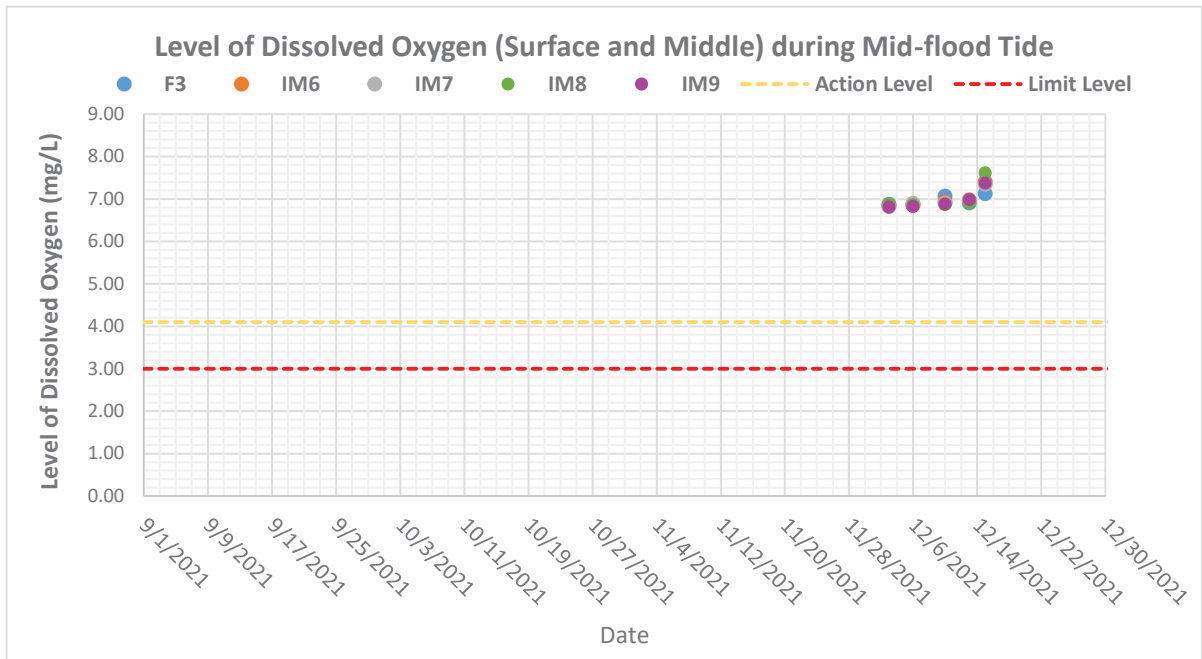


Figure F1g: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (F3) and impact stations (IM6-IM9) under Group 3 during mid-flood tides in the past four months (i.e. September to December 2021)

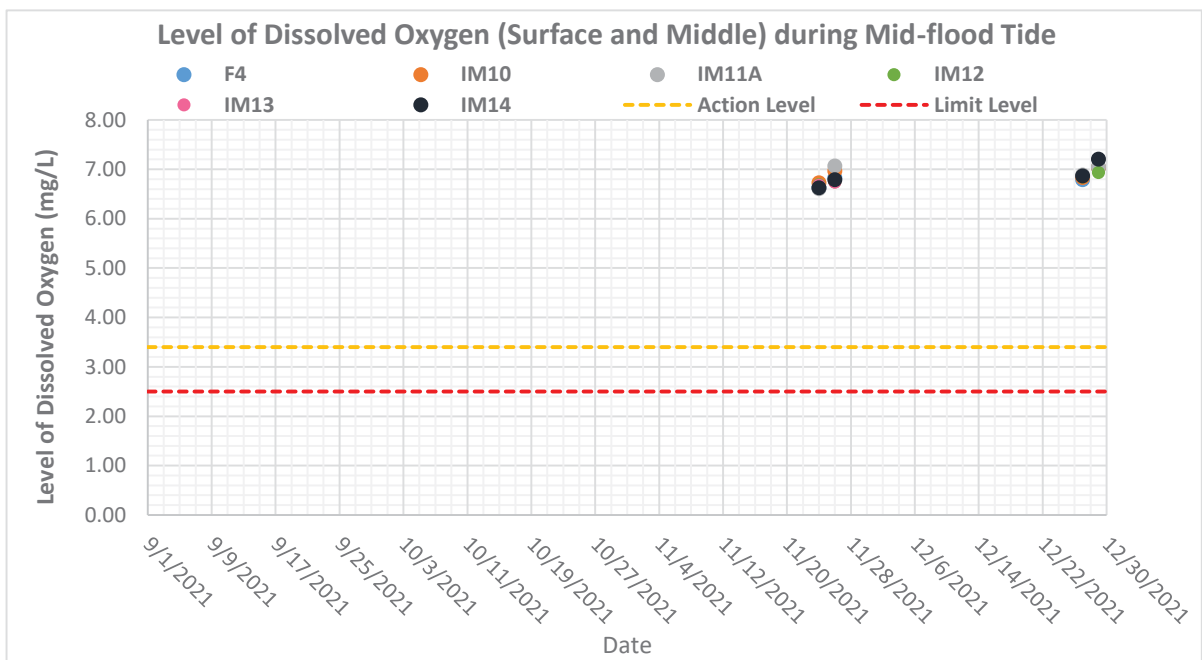


Figure F1h: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (F4) and impact stations (IM10-IM14) under Group 4 during mid-flood tides in the past four months (i.e. September to December 2021)

Source: P:\Projects\0505354 CLP Power Hong Kong Limited FSRU Pre-con EM&A.RC\07 Data\08 Impact WQ

Date: 31/1/2022

**Environmental  
Resources  
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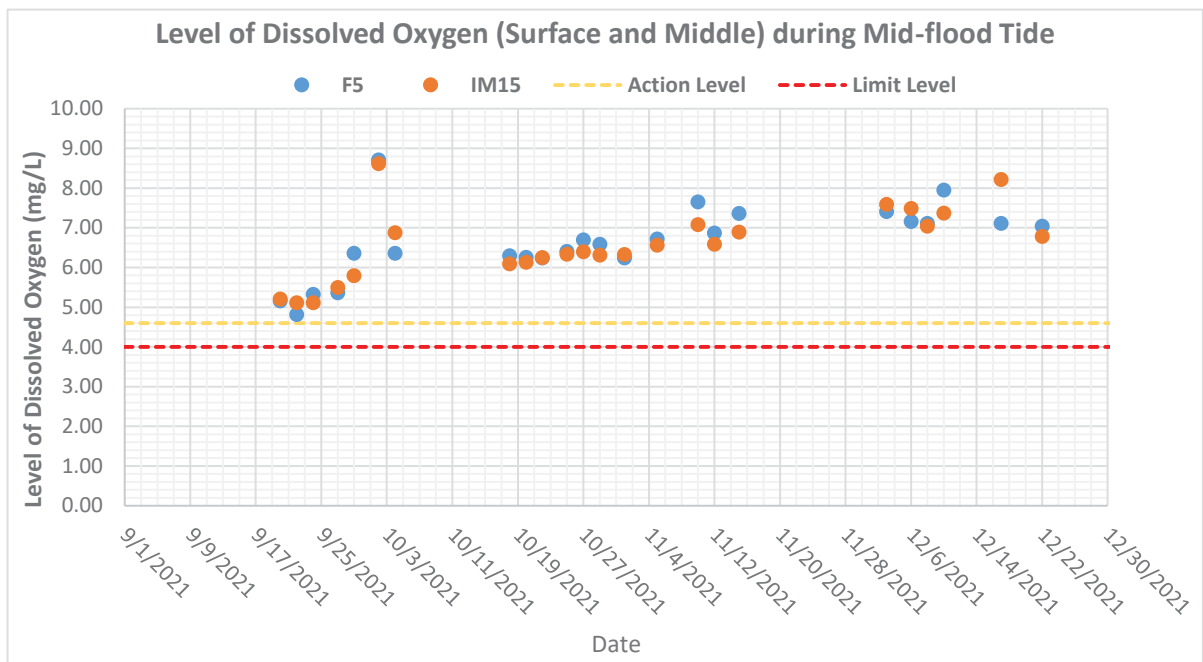


Figure F1i: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (F5) and impact station (IM15) under Group 5 during mid-flood tides in the past four months (i.e. September to December 2021)

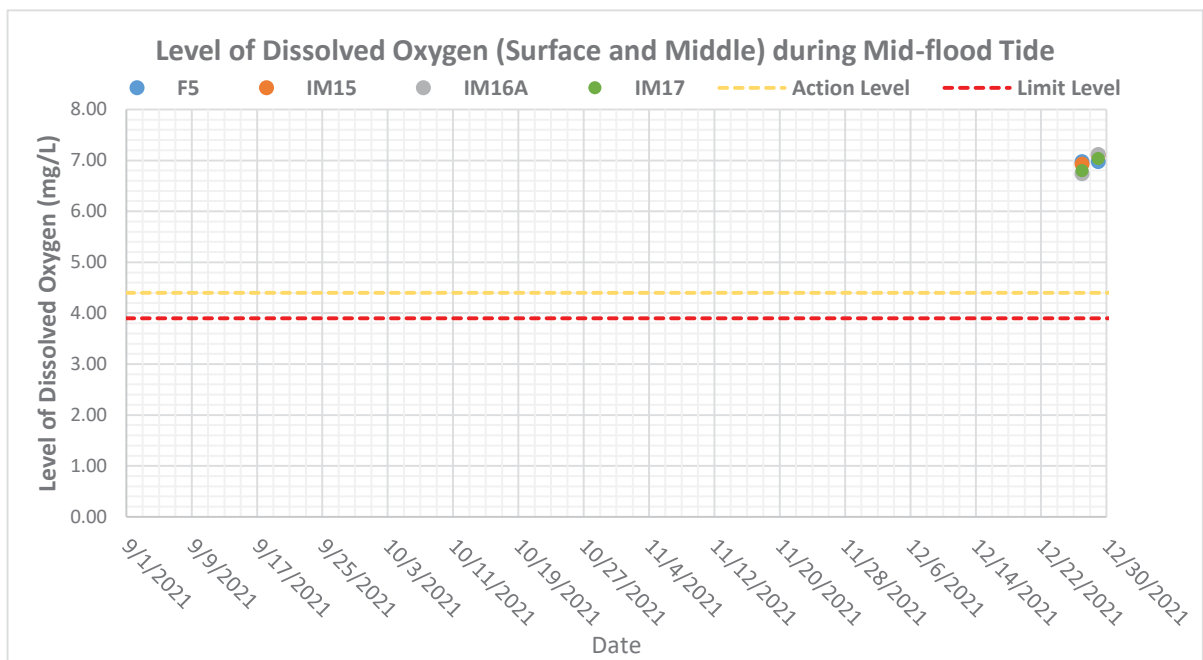


Figure F1j: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (F5) and impact stations (IM15-IM17) under Group 6 during mid-flood tides in the past four months (i.e. September to December 2021)

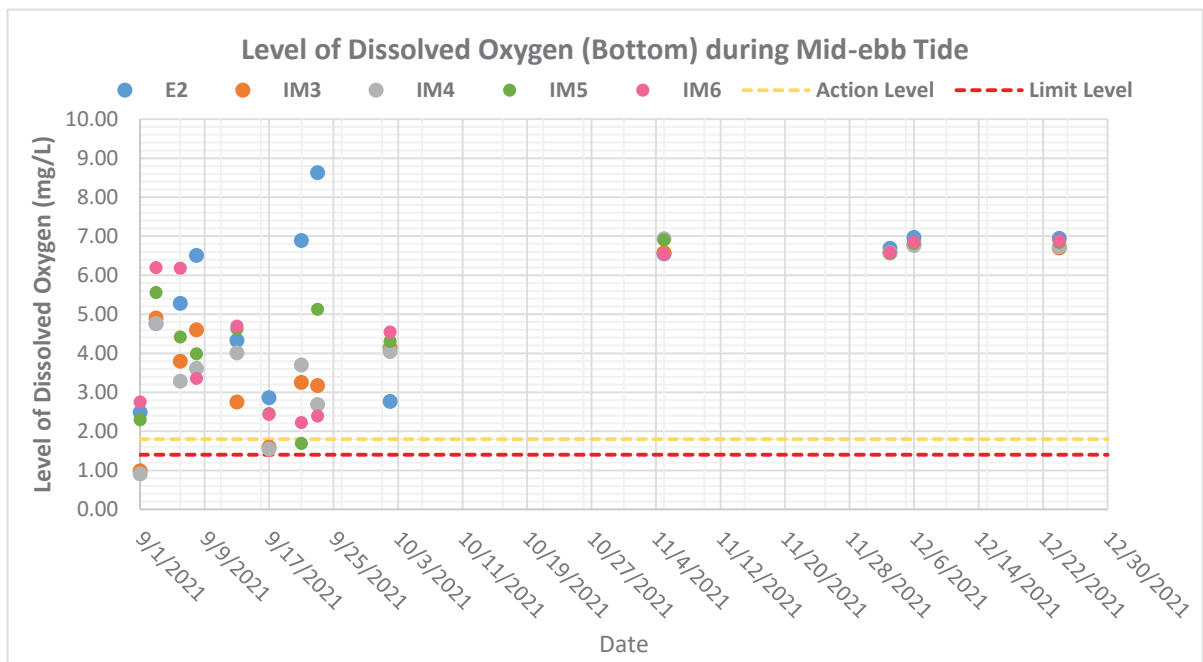


Figure F2a: Levels of Bottom Dissolved Oxygen (mg/L) at control station (E2) and impact stations (IM3-IM6) under Group 2 during mid-ebb tides in the past four months (i.e. September to December 2021)

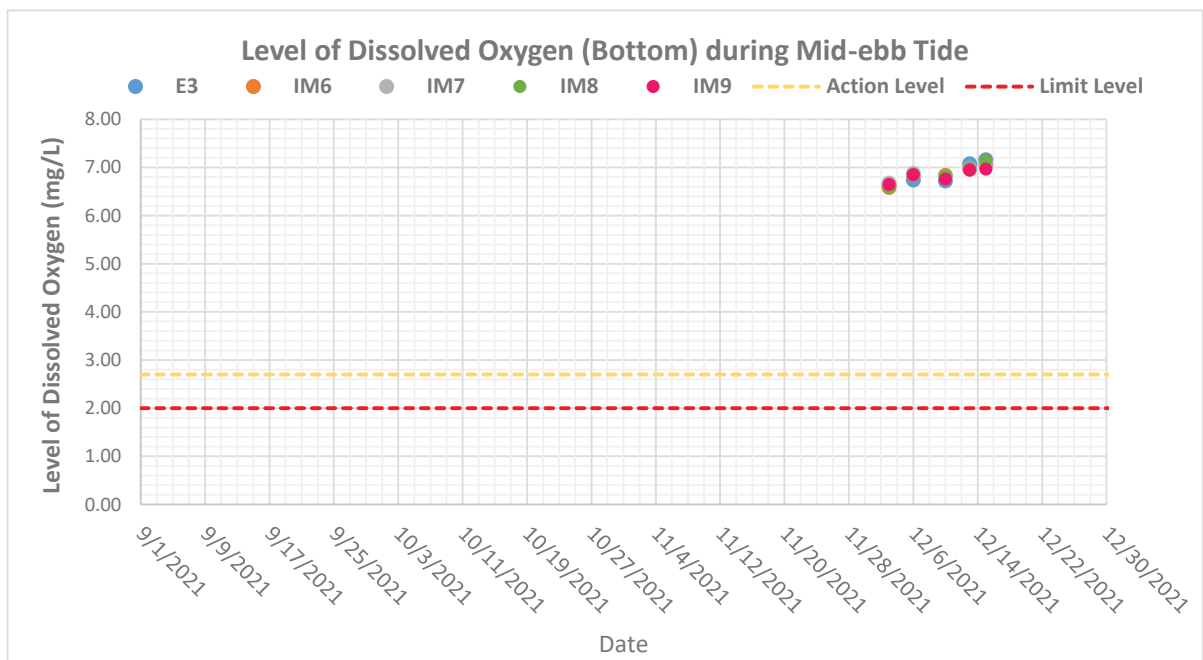


Figure F2b: Levels of Bottom Dissolved Oxygen (mg/L) at control station (E3) and impact stations (IM6-IM9) under Group 3 during mid-ebb tides in the past four months (i.e. September to December 2021)

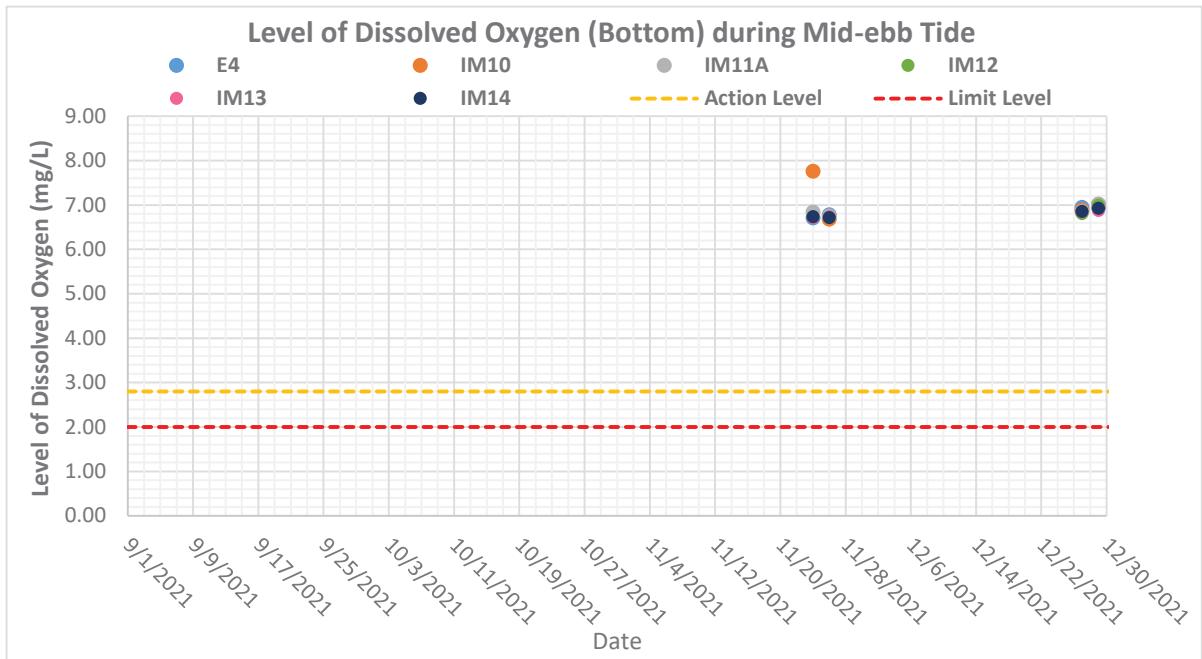


Figure F2c: Levels of Bottom Dissolved Oxygen (mg/L) at control station (F4) and impact stations (IM10-IM14) under Group 4 during mid-ebb tides in the past four months (i.e. September to December 2021)

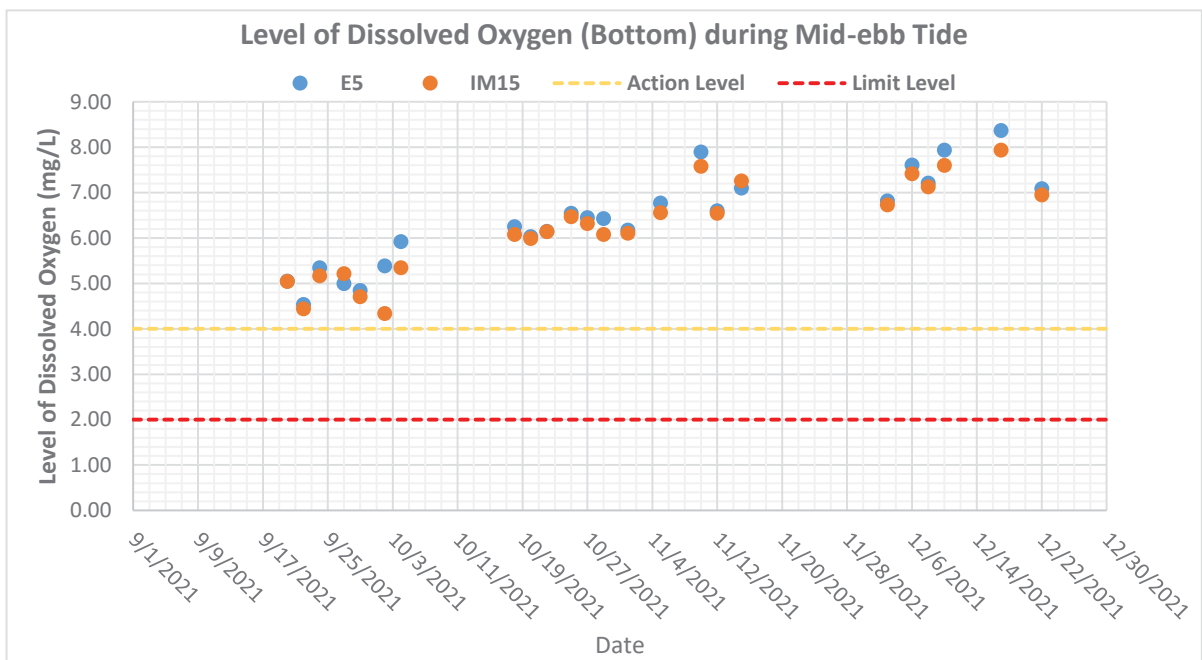


Figure F2d: Levels of Bottom Dissolved Oxygen (mg/L) at control station (F5) and impact station (IM15) under Group 5 during mid-ebb tides in the past four months (i.e. September to December 2021)



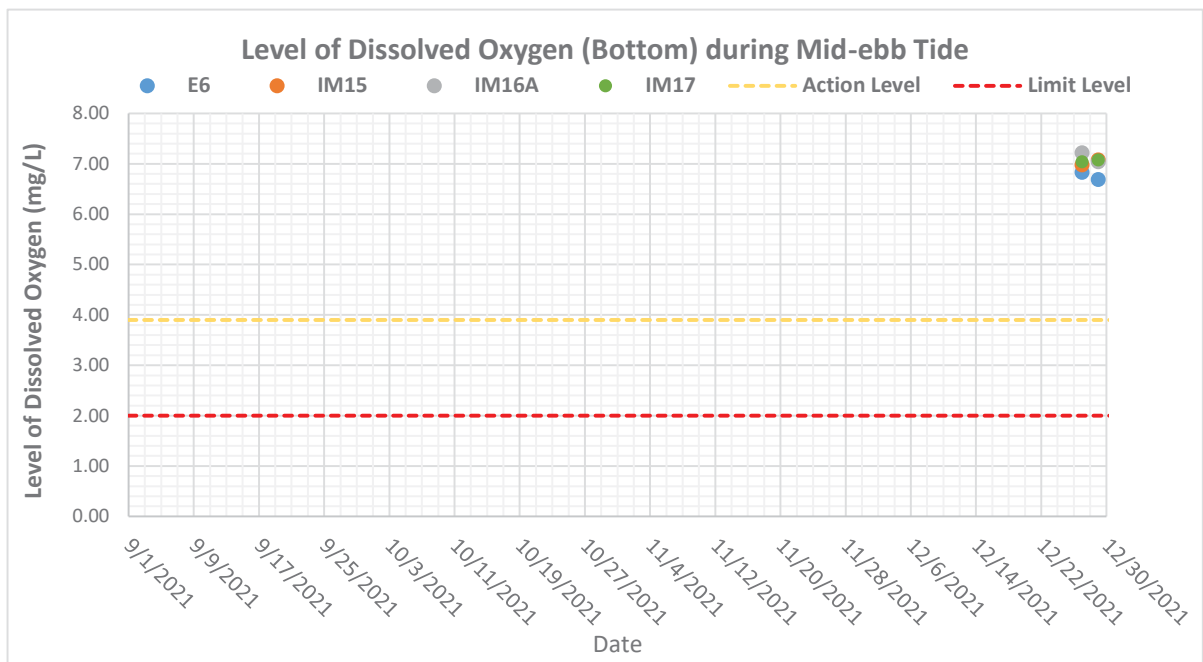


Figure F2e: Levels of Bottom Dissolved Oxygen (mg/L) at control station (E6) and impact stations (IM15-IM17) under Group 6 during mid-ebb tides in the past four months (i.e. September to December 2021)

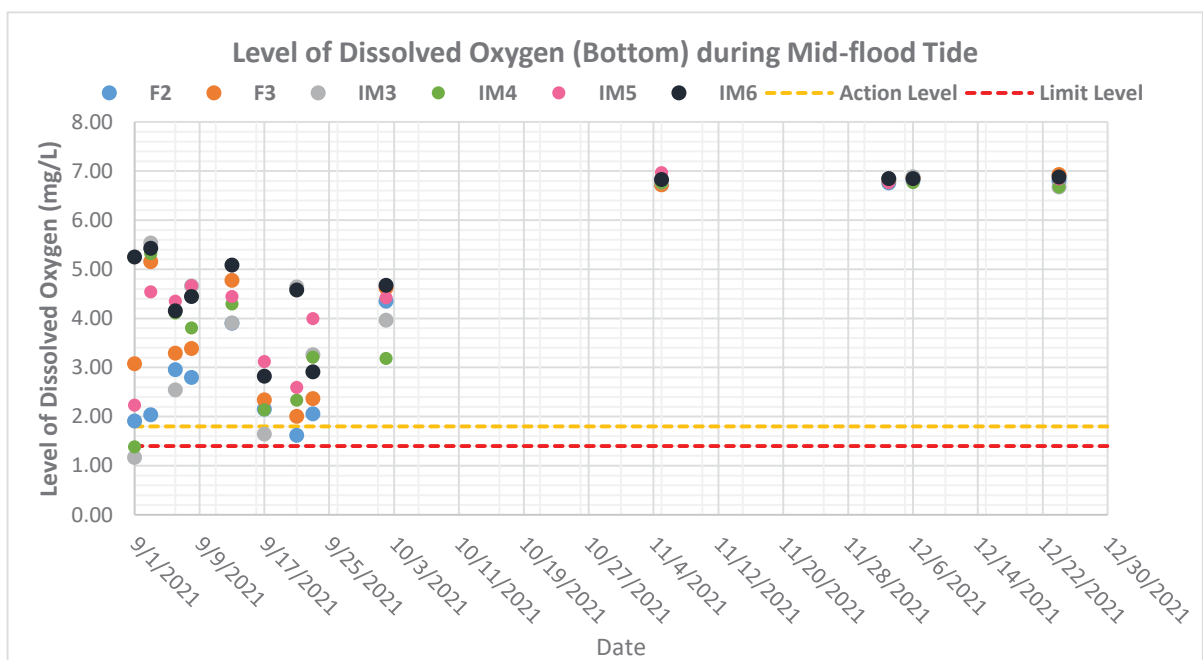


Figure F2f: Levels of Bottom Dissolved Oxygen (mg/L) at control stations (F2-F3) and impact stations (IM3-IM6) under Group 2 during mid-flood tides in the past four months (i.e. September to December 2021)

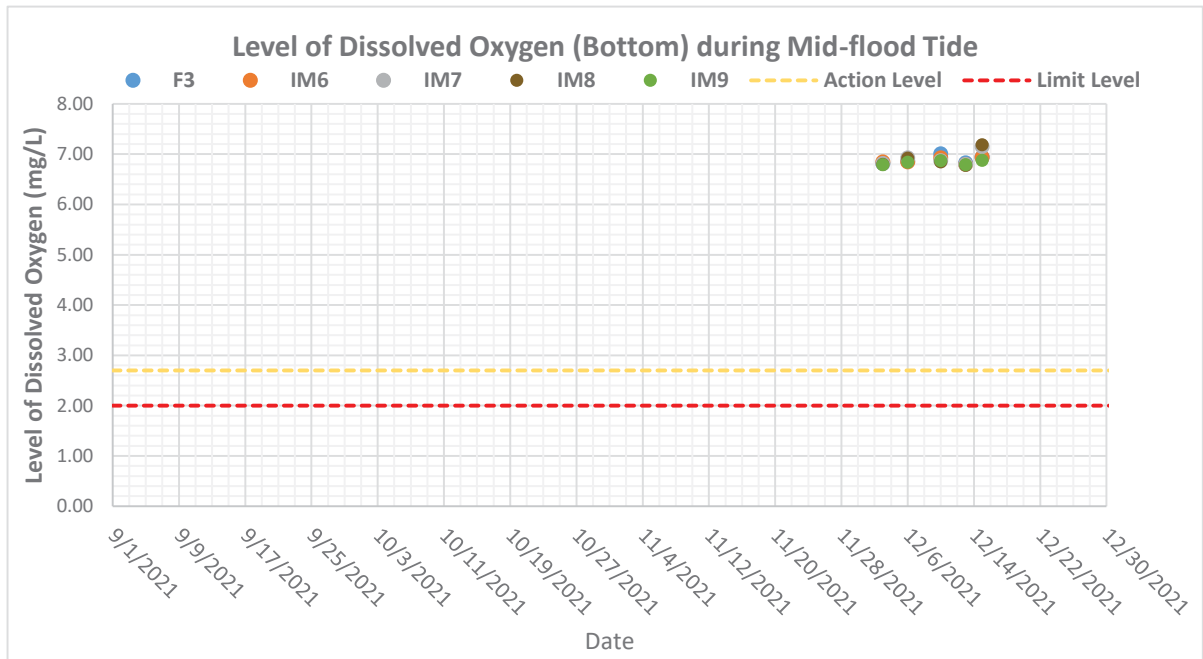


Figure F2g: Levels of Bottom Dissolved Oxygen (mg/L) at control station (F3) and impact stations (IM6-IM9) under Group 3 during mid-flood tides in the past four months (i.e. September to December 2021)

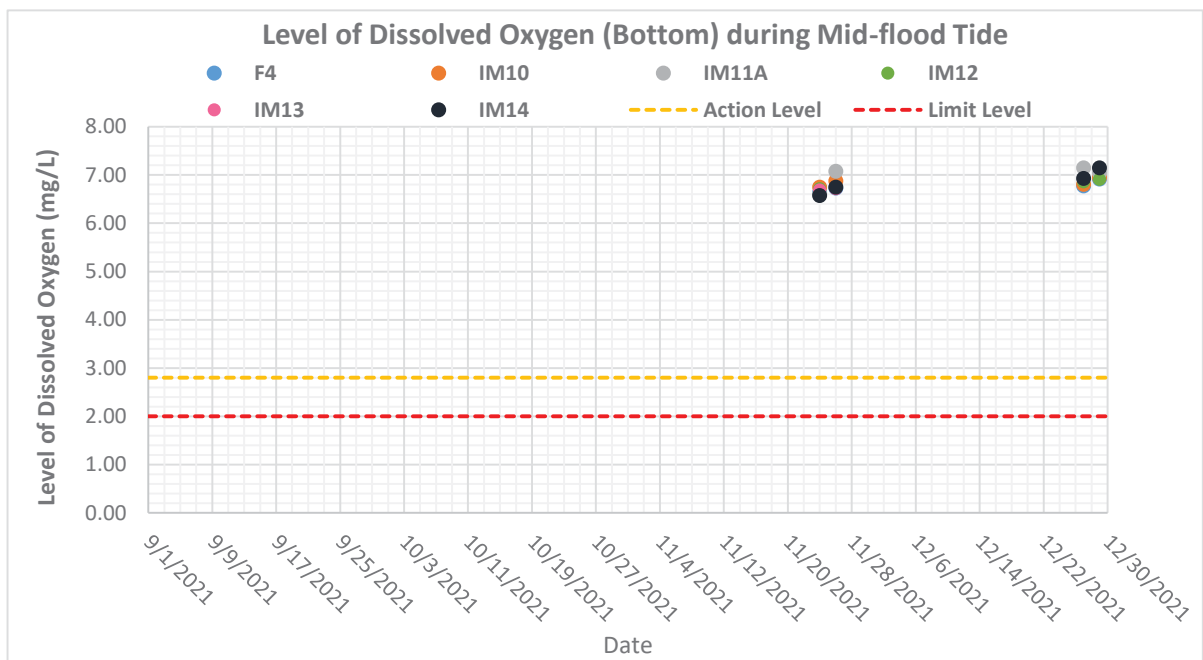


Figure F2h: Levels of Bottom Dissolved Oxygen (mg/L) at control station (F4) and impact stations (IM10-IM14) under Group 4 during mid-flood tides in the past four months (i.e. September to December 2021)

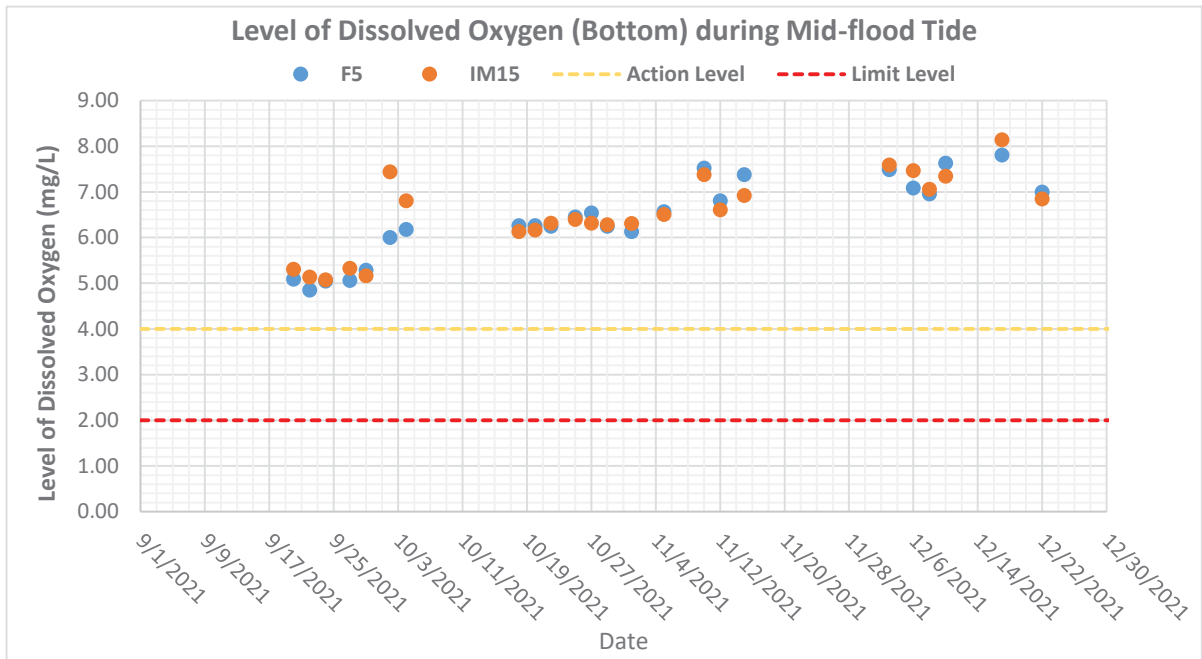


Figure F2i: Levels of Bottom Dissolved Oxygen (mg/L) at control station (F5) and impact station (IM15) under Group 5 during mid-flood tides in the past four months (i.e. September to December 2021)

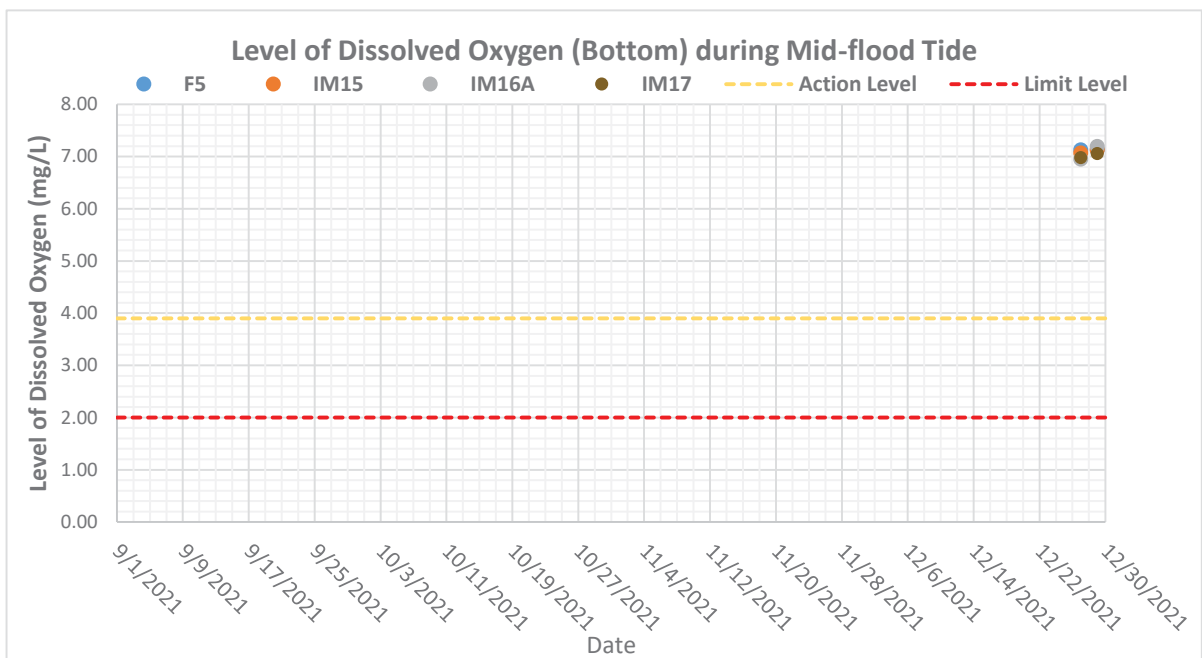


Figure F2j: Levels of Bottom Dissolved Oxygen (mg/L) at control station (F5) and impact stations (IM15-IM17) under Group 6 during mid-flood tides in the past four months (i.e. September to December 2021)

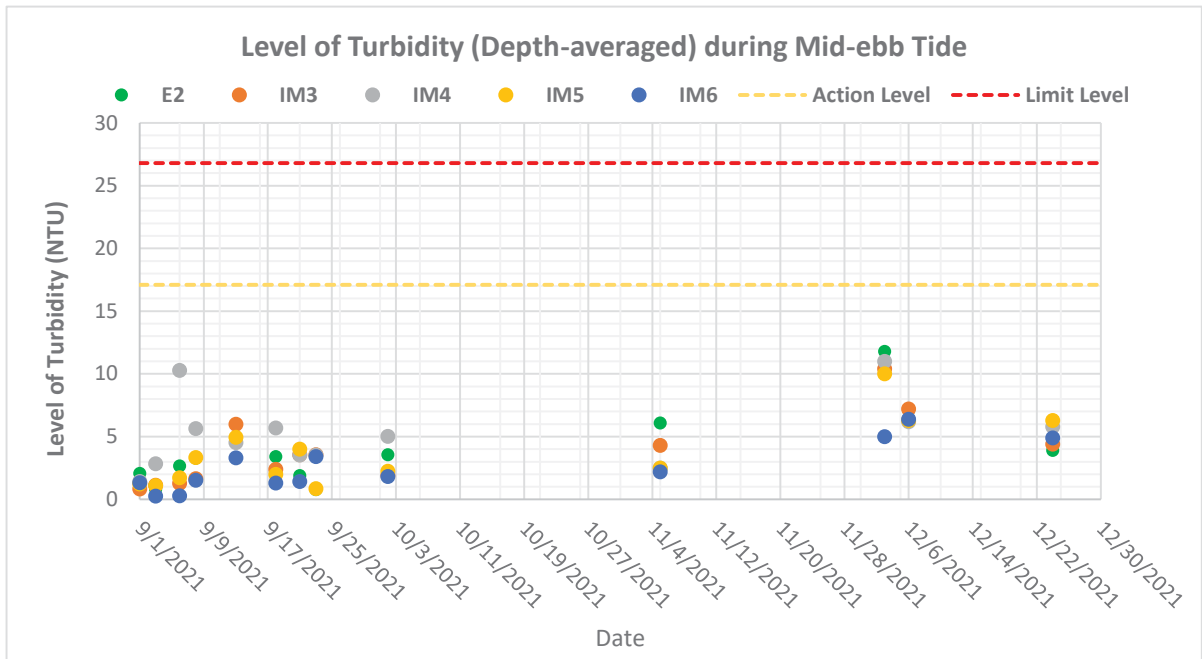


Figure F3a: Levels of Depth-averaged Turbidity (NTU) at control station (E2) and impact stations (IM3-IM6) under Group 2 during mid-ebb tides in the past four months (i.e. September to December 2021)

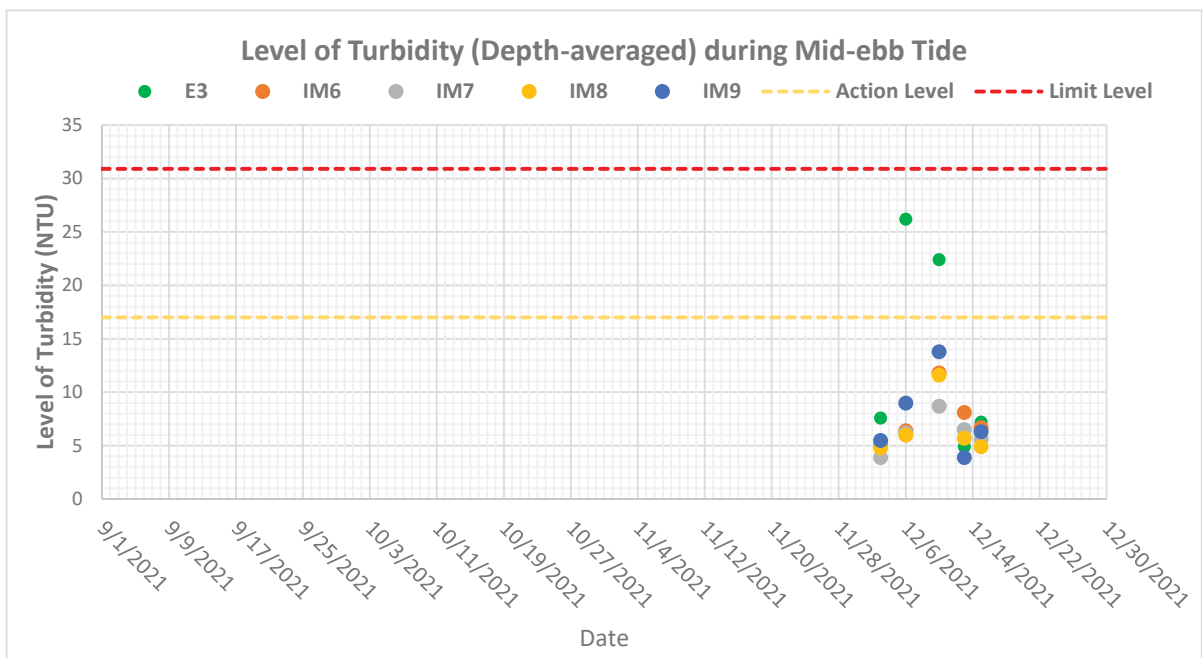


Figure F3b: Levels of Depth-averaged Turbidity (NTU) at control station (E3) and impact stations (IM6-IM9) under Group 3 during mid-ebb tides in the past four months (i.e. September to December 2021)

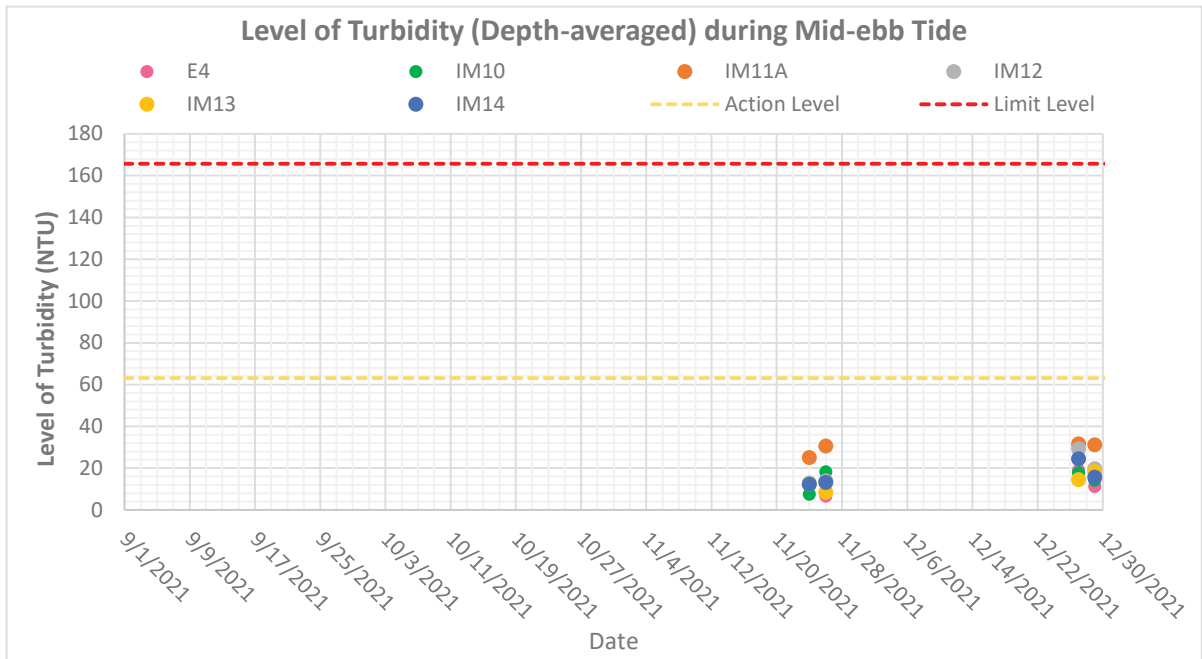


Figure F3c: Levels of Depth-averaged Turbidity (NTU) at control station (E4) and impact stations (IM10-IM14) under Group 4 during mid-ebb tides in the past four months (i.e. September to December 2021)

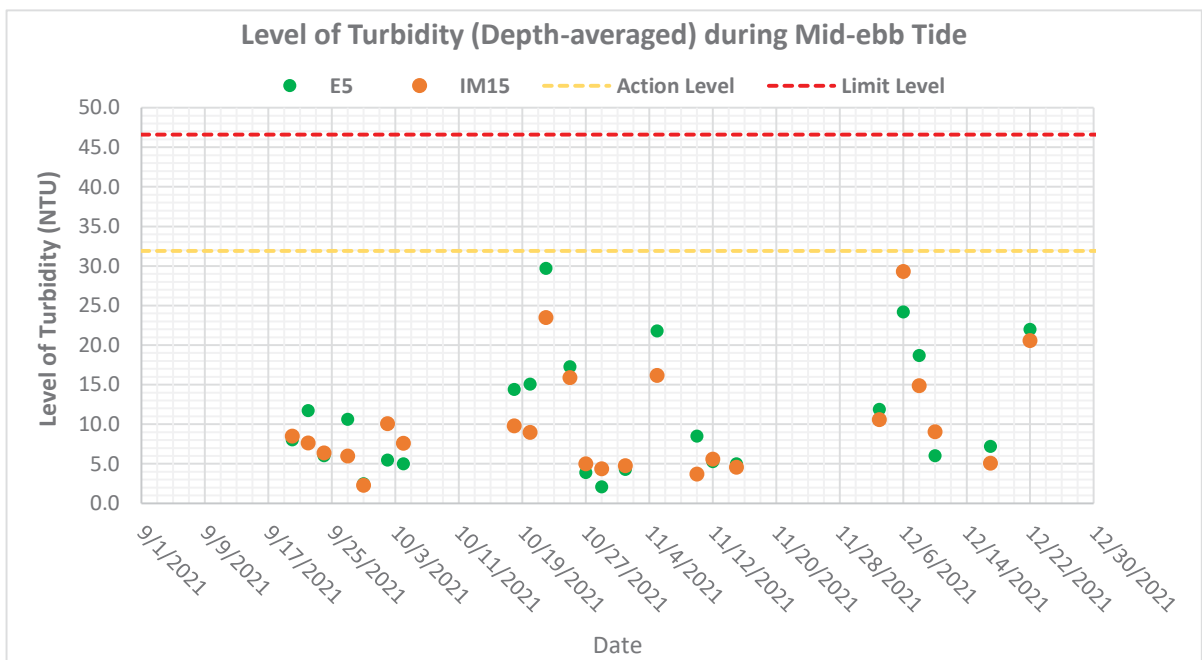


Figure F3d: Levels of Depth-averaged Turbidity (NTU) at control station (E5) and impact station (IM15) under Group 5 during mid-ebb tides in the past four months (i.e. September to December 2021)

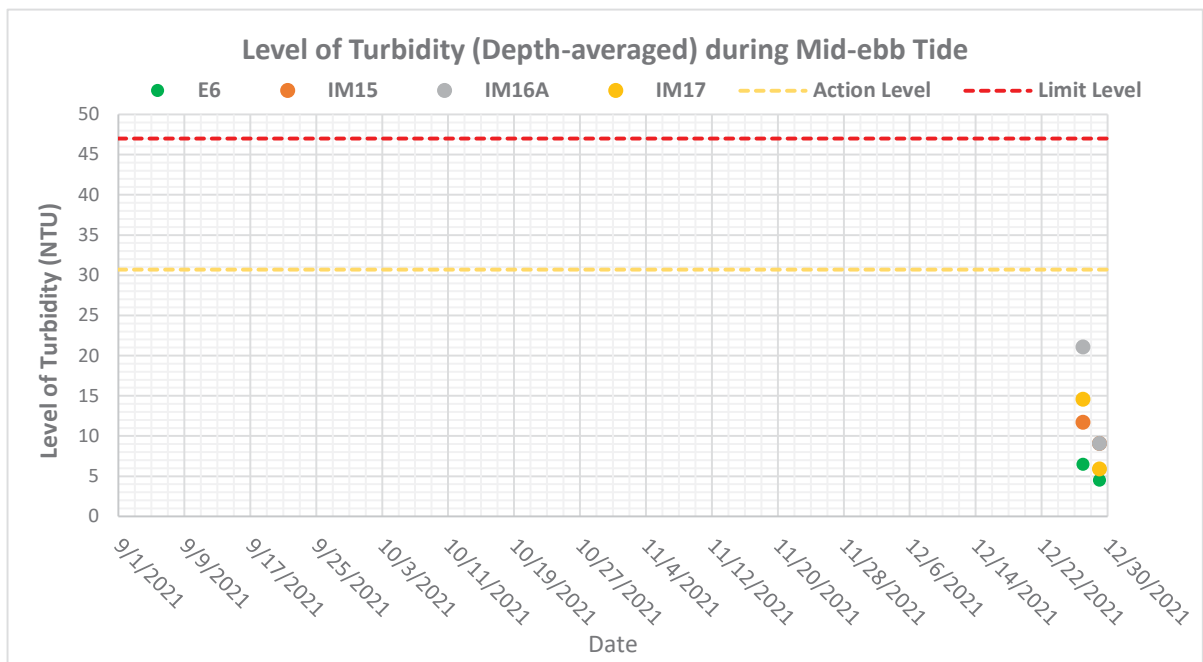


Figure F3e: Levels of Depth-averaged Turbidity (NTU) at control station (E6) and impact stations (IM15-IM17) under Group 6 during mid-ebb tides in the past four months (i.e. September to December 2021)

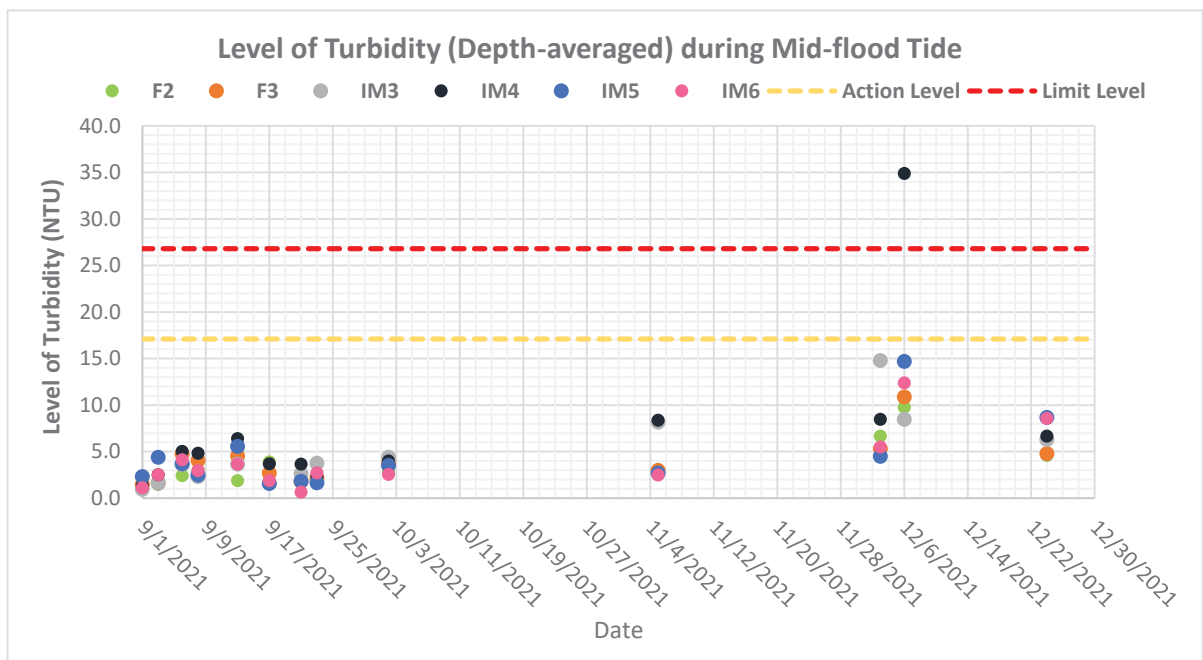


Figure F3f: Levels of Depth-averaged Turbidity (NTU) at control stations (F2-F3) and impact stations (IM3-IM6) under Group 2 during mid-flood tides in the past four months (i.e. September to December 2021)

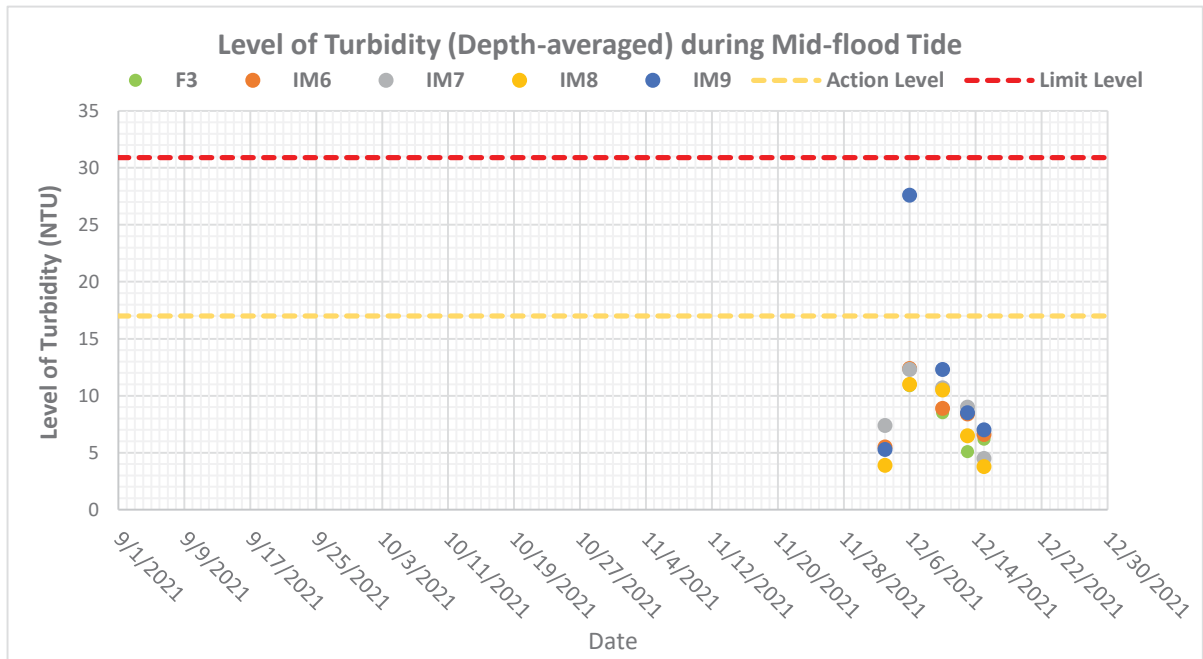


Figure F3g: Levels of Depth-averaged Turbidity (NTU) at control station (F3) and impact stations (IM6-IM9) under Group 3 during mid-flood tides in the past four months (i.e. September to December 2021)

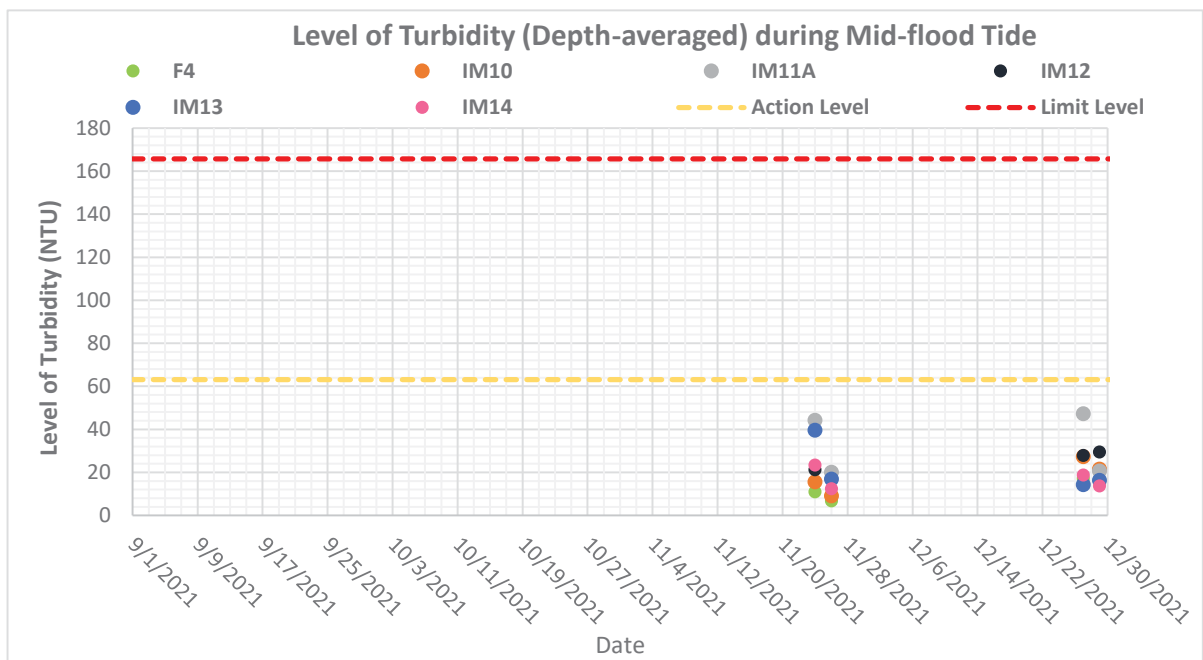


Figure F3h: Levels of Depth-averaged Turbidity (NTU) at control station (F4) and impact stations (IM10-IM14) under Group 4 during mid-flood tides in the past four months (i.e. September to December 2021)

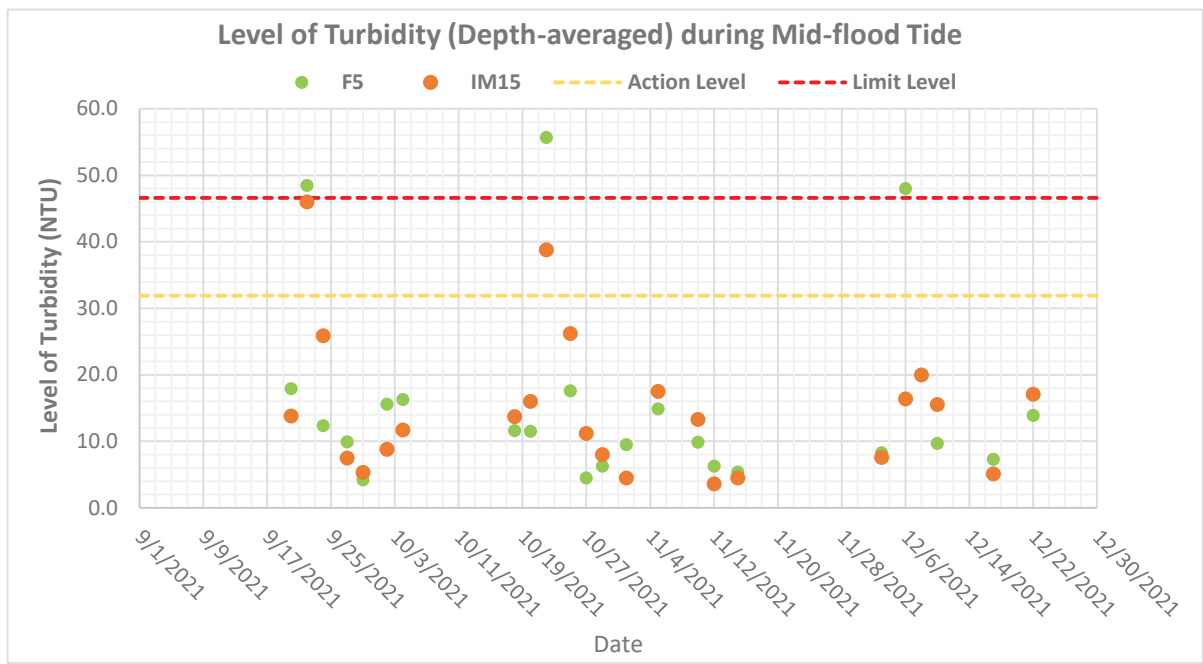


Figure F3i: Levels of Depth-averaged Turbidity (NTU) at control station (F5) and impact station (IM15) under Group 5 during mid-flood tides in the past four months (i.e. September to December 2021)

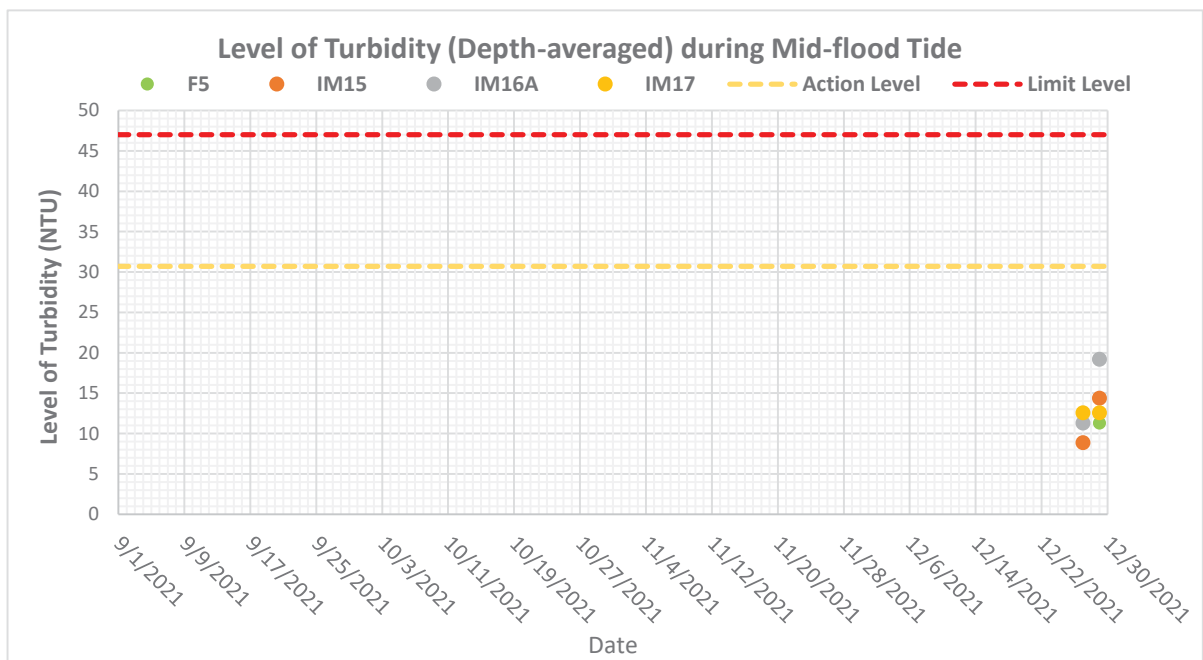


Figure F3j: Levels of Depth-averaged Turbidity (NTU) at control station (F5) and impact stations (IM15-IM17) under Group 6 during mid-flood tides in the past four months (i.e. September to December 2021)



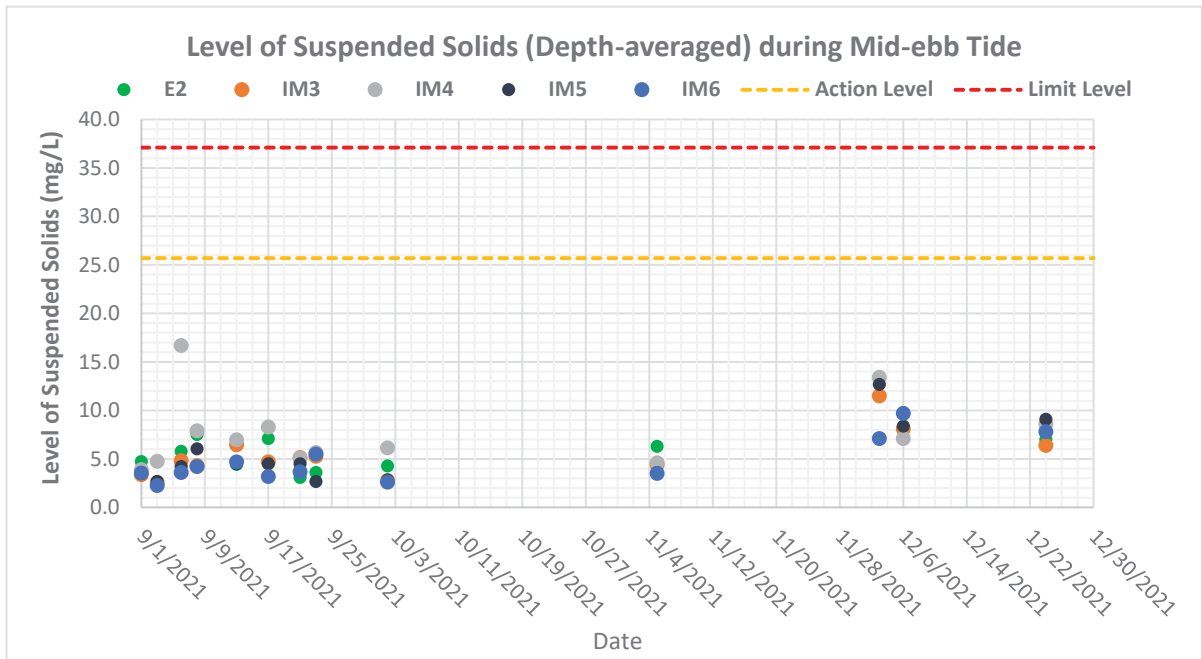


Figure F4a: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E2) and impact stations (IM3-IM6) under Group 2 during mid-ebb tides in the past four months (i.e. September to December 2021)

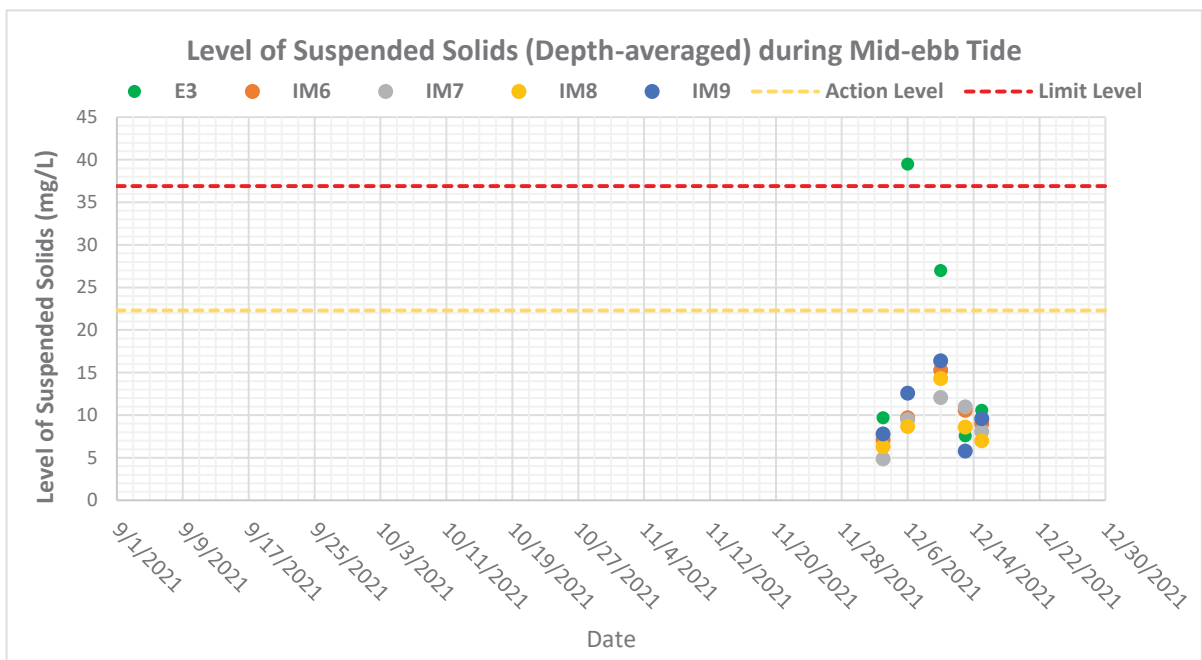


Figure F4b: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E3) and impact stations (IM6-IM9) under Group 3 during mid-ebb tides in the past four months (i.e. September to December 2021)

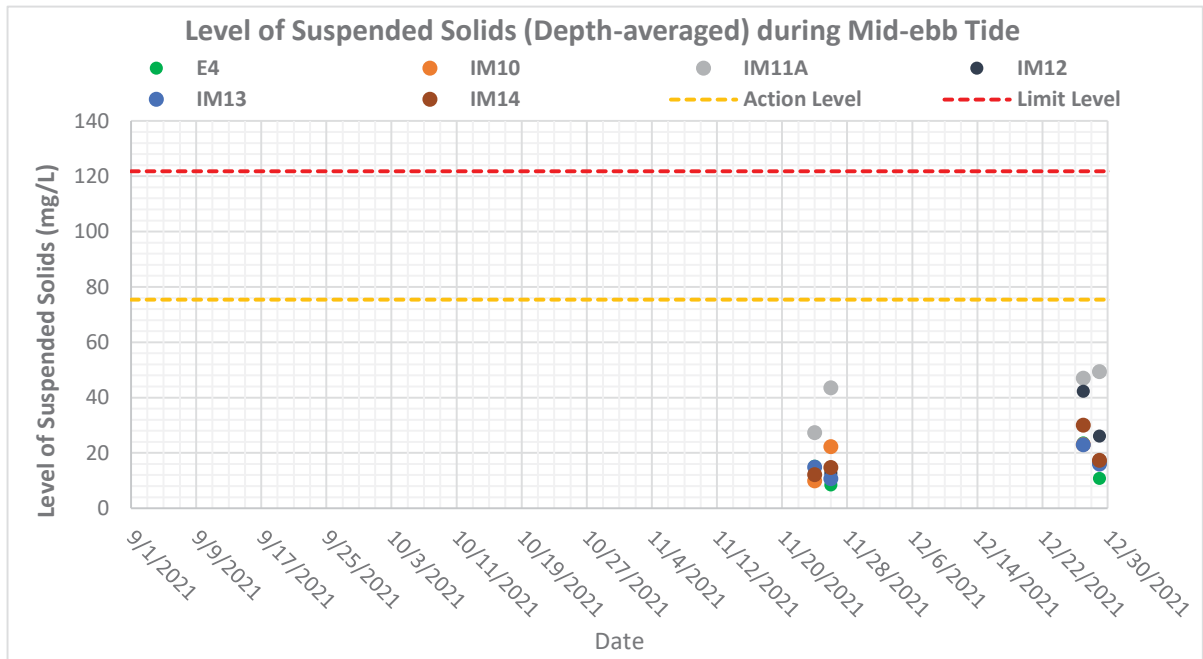


Figure F4c: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E4) and impact stations (IM10-IM14) under Group 4 during mid-ebb tides in the past four months (i.e. September to December 2021)

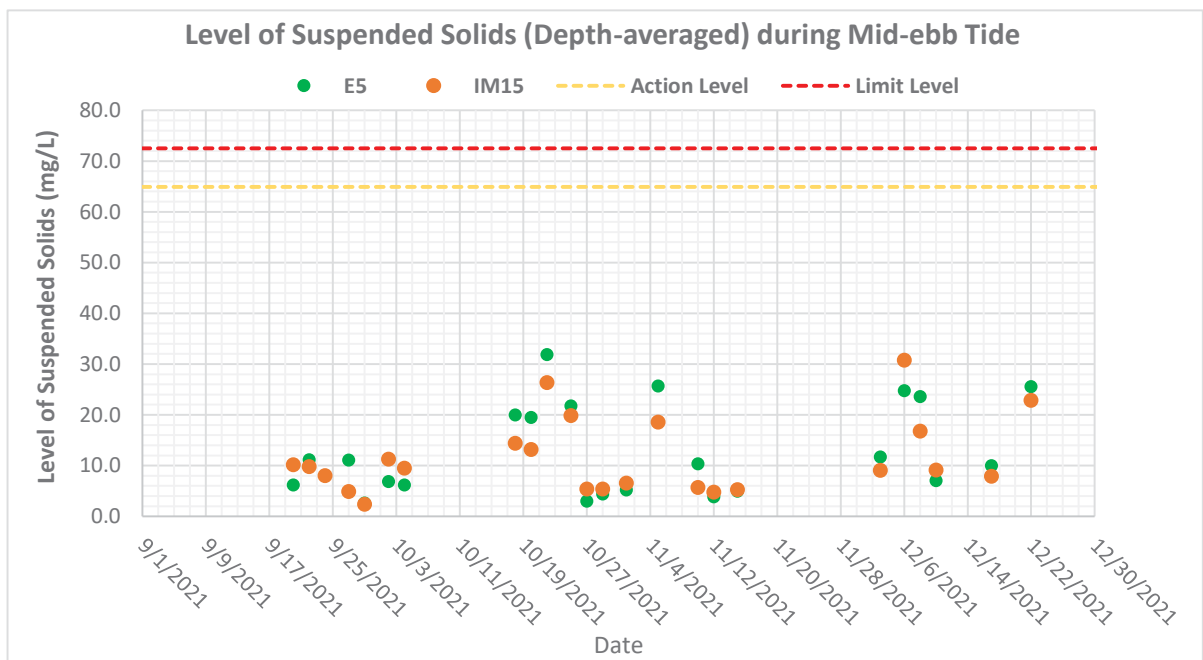


Figure F4d: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E5) and impact station (IM15) under Group 5 during mid-ebb tides in the past four months (i.e. September to December 2021)

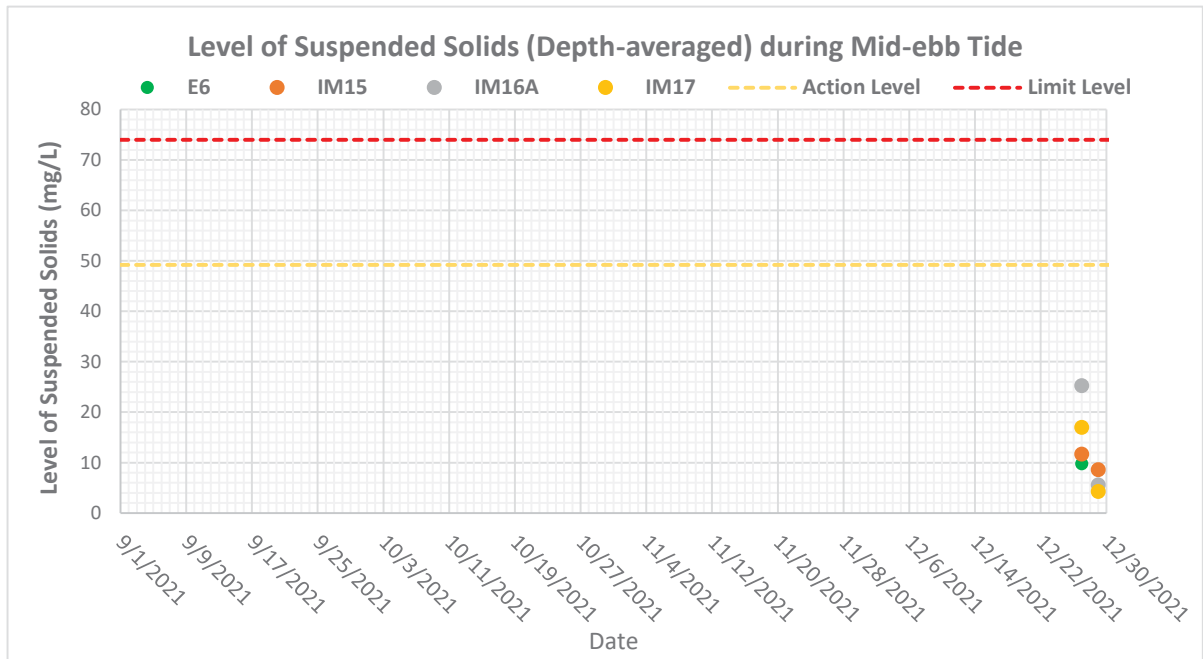


Figure F4e: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E6) and impact stations (IM15-IM17) under Group 6 during mid-ebb tides in the past four months (i.e. September to December 2021)

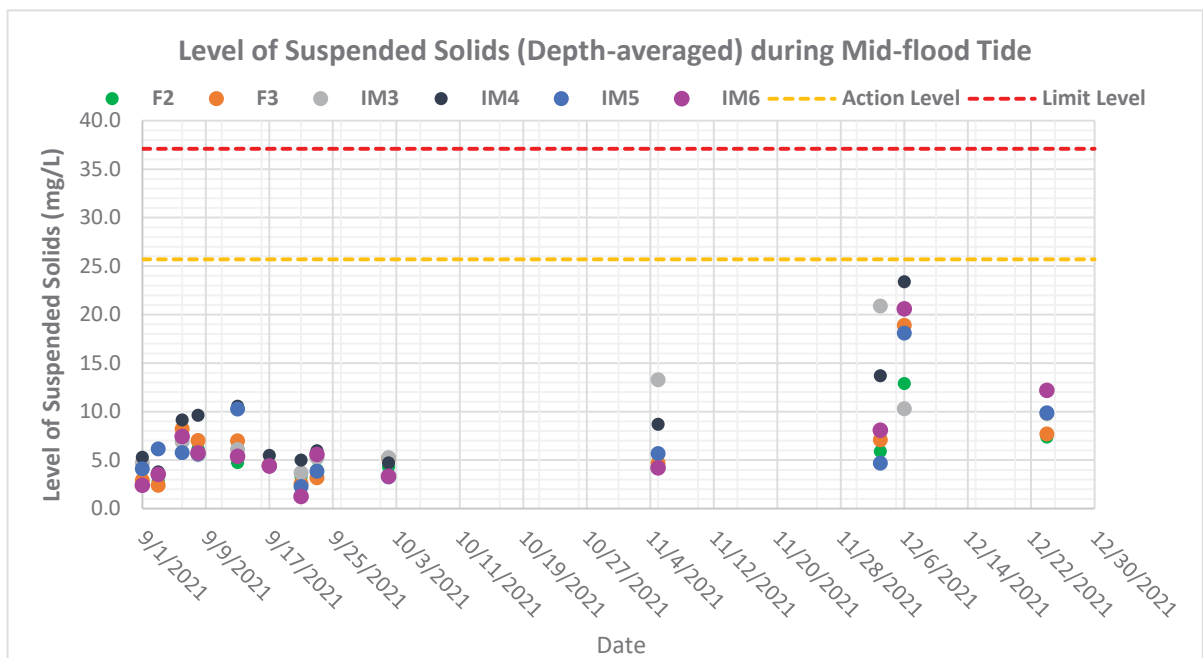


Figure F4f: Levels of Depth-averaged Suspended Solids (mg/L) at control stations (F2-F3) and impact stations (IM3-IM6) under Group 2 during mid-flood tides in the past four months (i.e. September to December 2021)

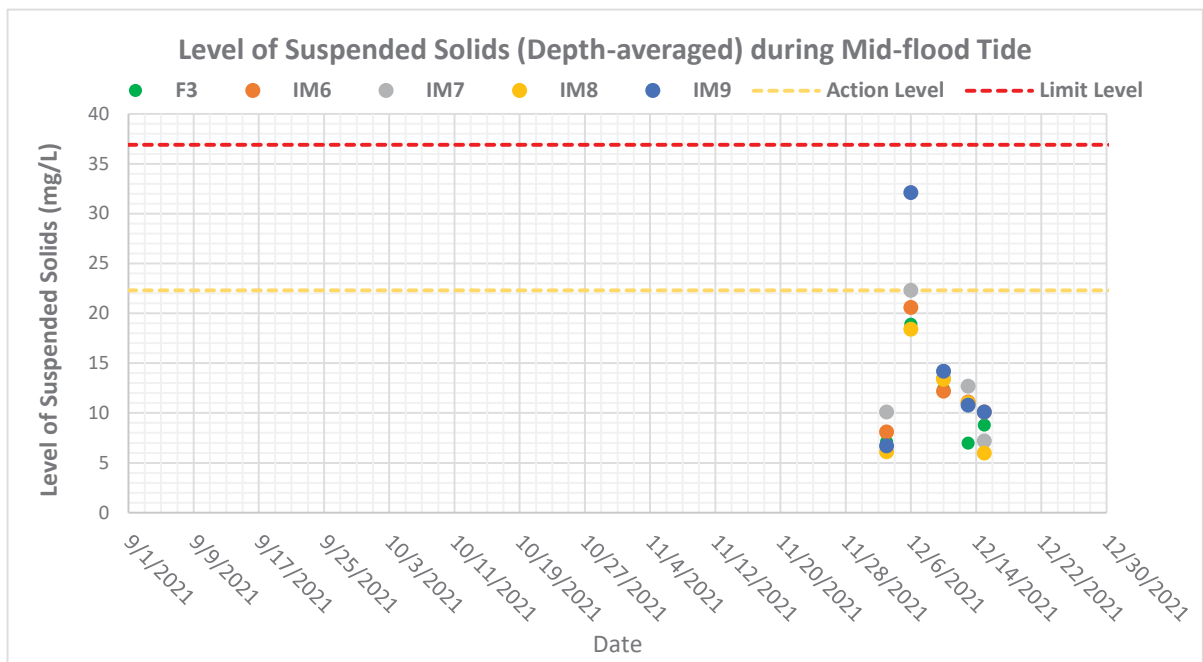


Figure F4g: Levels of Depth-averaged Suspended Solids (mg/L) at control station (F3) and impact stations (IM6-IM9) under Group 3 during mid-flood tides in the past four months (i.e. September to December 2021)

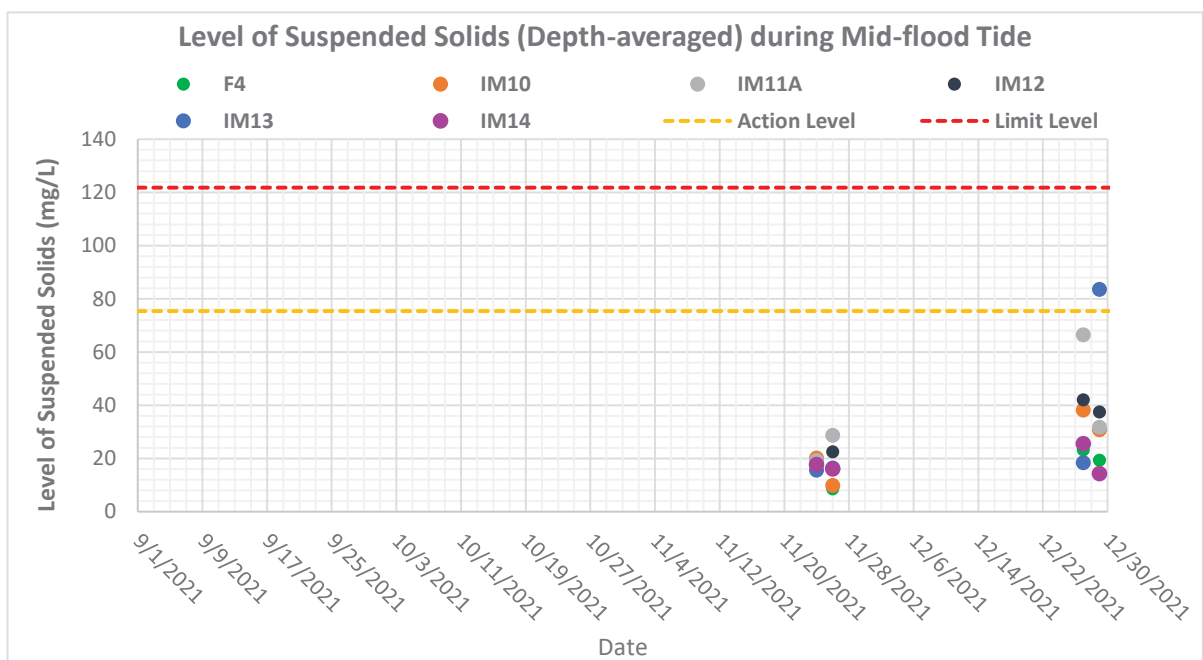


Figure F4h: Levels of Depth-averaged Suspended Solids (mg/L) at control station (F4) and impact stations (IM10-IM14) under Group 4 during mid-flood tides in the past four months (i.e. September to December 2021)

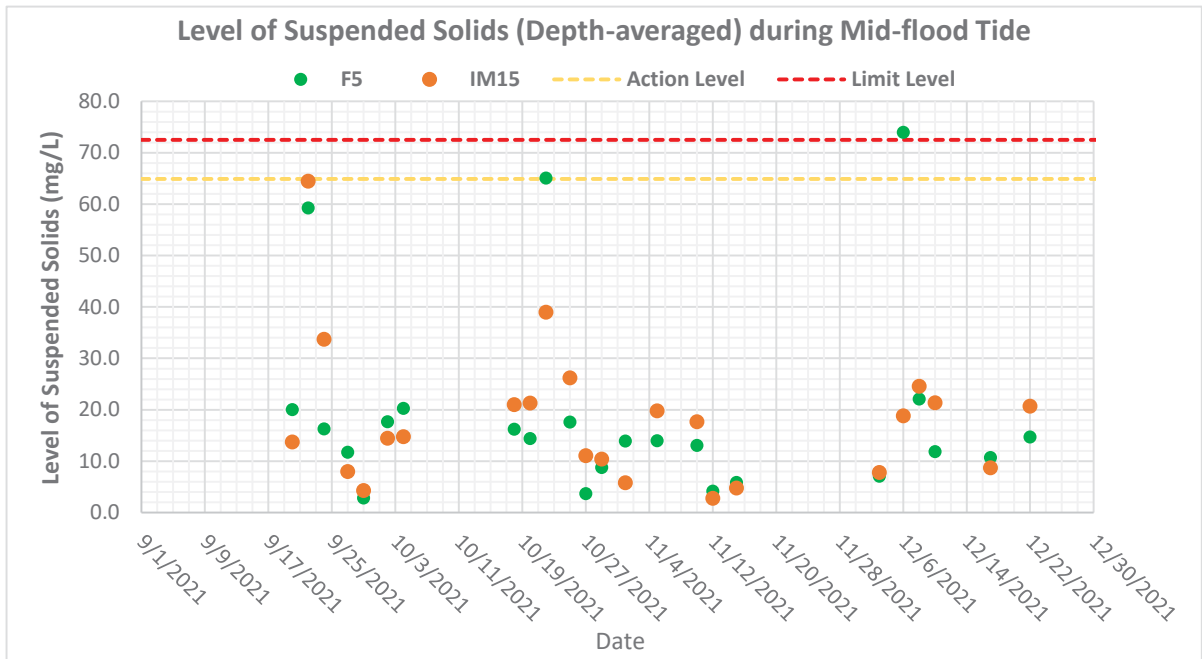


Figure F4i: Levels of Depth-averaged Suspended Solids (mg/L) at control station (F5) and impact station (IM15) under Group 5 during mid-flood tides in the past four months (i.e. September to December 2021)

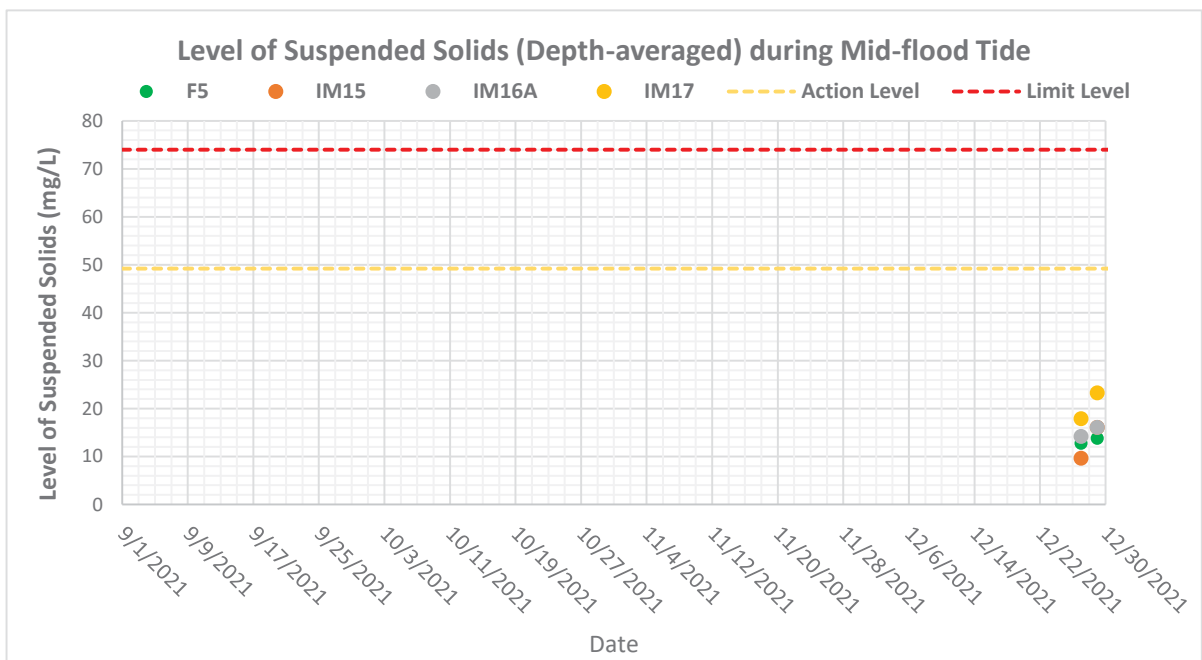


Figure F4j: Levels of Depth-averaged Suspended Solids (mg/L) at control station (F5) and impact stations (IM15-IM17) under Group 6 during mid-flood tides in the past four months (i.e. September to December 2021)

Notes:

- Key marine-based activities of the Project undertaken for construction of BPPS Pipeline included:
  - i. post-trenching works in terms of jetting operation in the vicinity of marine water quality monitoring stations under Group 5 on 1 to 4, 18 to 31 October <sup>(1)</sup>, 1, 4 to 7, 10 to 16 November, 3 to 8, 10 to 12, 17 to 19 and 21 to 22 December 2021 <sup>(2)</sup>;
  - ii. post-trenching works in terms of jetting operation in the vicinity of marine water quality monitoring stations under Group 4 on 20, 24 to 28 November <sup>(3)</sup>, 23 to 31 December 2021 <sup>(4)</sup>;
  - iii. post-trenching works in terms of jetting operation in the vicinity of marine water quality monitoring stations under Group 3 on 3 to 7 and 10 to 16 December 2021; and
  - iv. post-trenching works in terms of jetting operation in the vicinity of marine water quality monitoring stations under Group 6 on 24 to 31 December 2021 <sup>(5)</sup>.
- Key marine-based activities of the Project undertaken for construction of LPS Pipeline included:
  - i. post-trenching works in terms of jetting operation in the vicinity of marine water quality monitoring stations under Group 2 on 1 to 2 October, 5 to 6 November, 3 to 8, 24 and 25 December 2021 <sup>(6)</sup>.
- Marine water quality monitoring was conducted at monitoring stations i) under Group 2 on 2 October, 5 November, 3, 6 and 24 December 2021 <sup>(7)</sup>; ii) under Group 3 on 3, 6, 10, 13 and 15 December 2021 <sup>(7)</sup>; iii) under Group 4 on 24, 26 November, 27, 29 and 31 December 2021; iv) under Group 5 on 2, 4, 18, 20, 22, 25, 27, 29 October, 1, 5, 10, 12 and 15 November, 3, 6, 8, 10, 17 and 22 December 2021; and v) under Group 6 on 27, 29 and 31 December 2021.
- Weather conditions during the monitoring period ranged from fine to cloudy, with sea conditions ranged from calm to moderate. Detailed meteorological conditions can be referred to *Annex G of the associated Monthly EM&A Reports* for the reporting period.
- No special phenomena and/or other factors which might affect the monitoring results were observed and recorded during the monitoring period.

Notes:

- (1) No marine jetting operation was undertaken between 5 and 17 October 2021, and marine WQM was resumed to be conducted since 18 October 2021.
- (2) No marine jetting operation was undertaken on 20 December 2021 and water quality monitoring was not conducted on 20 December 2021.
- (3) Preparation works for marine jetting operation in the vicinity of Adamasta Channel was undertaken on 20 November 2021.
- (4) Preparation works for marine jetting operation in the vicinity of Adamasta Channel was undertaken on 23 and 24 December 2021.
- (5) Preparation works for marine jetting operation in the vicinity of West of HKIA to Lung Kwu Chau was undertaken on 24 December 2021.
- (6) No marine jetting operation was undertaken on 8 December 2021 and water quality monitoring was not conducted on 8 December 2021.
- (7) Monitoring station, IM6, was occupied by a crane barge during the monitoring events since 27 August 2021. Therefore, the monitoring station was shifted to the nearest practicable location.