# ANNEX F

# GRAPHICAL PRESENTATION OF MARINE WATER QUALITY MONITORING RESULTS

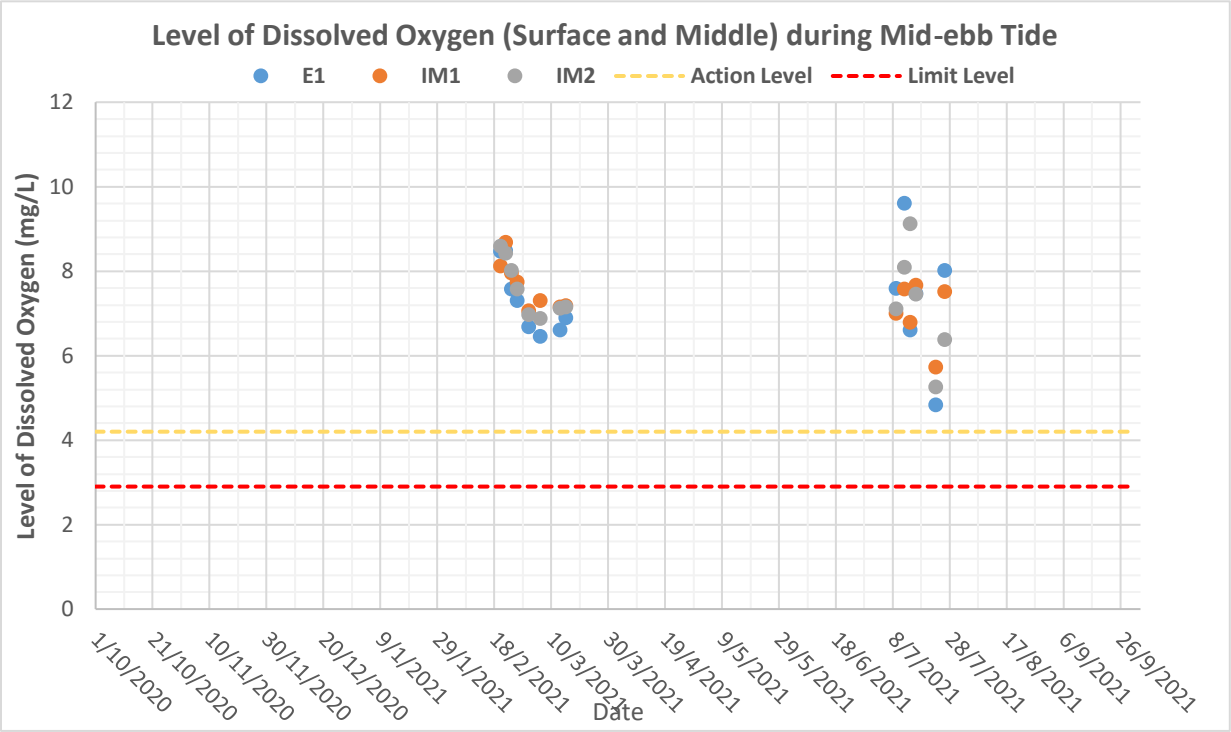


Figure F1a: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E1) and impact stations (IM1-IM2) under Group 1 during mid-ebb tides between October 2020 and September 2021

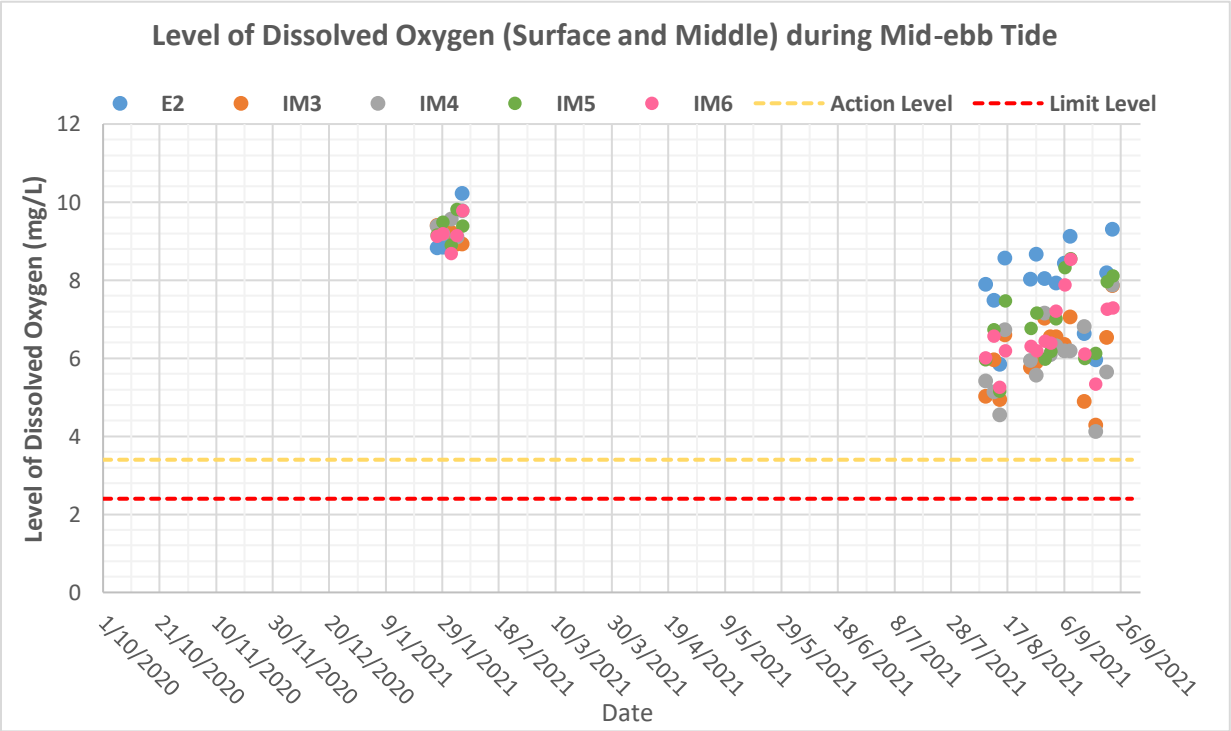


Figure F1b: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E2) and impact stations (IM3-IM6) under Group 2 during mid-ebb tides between October 2020 and September 2021

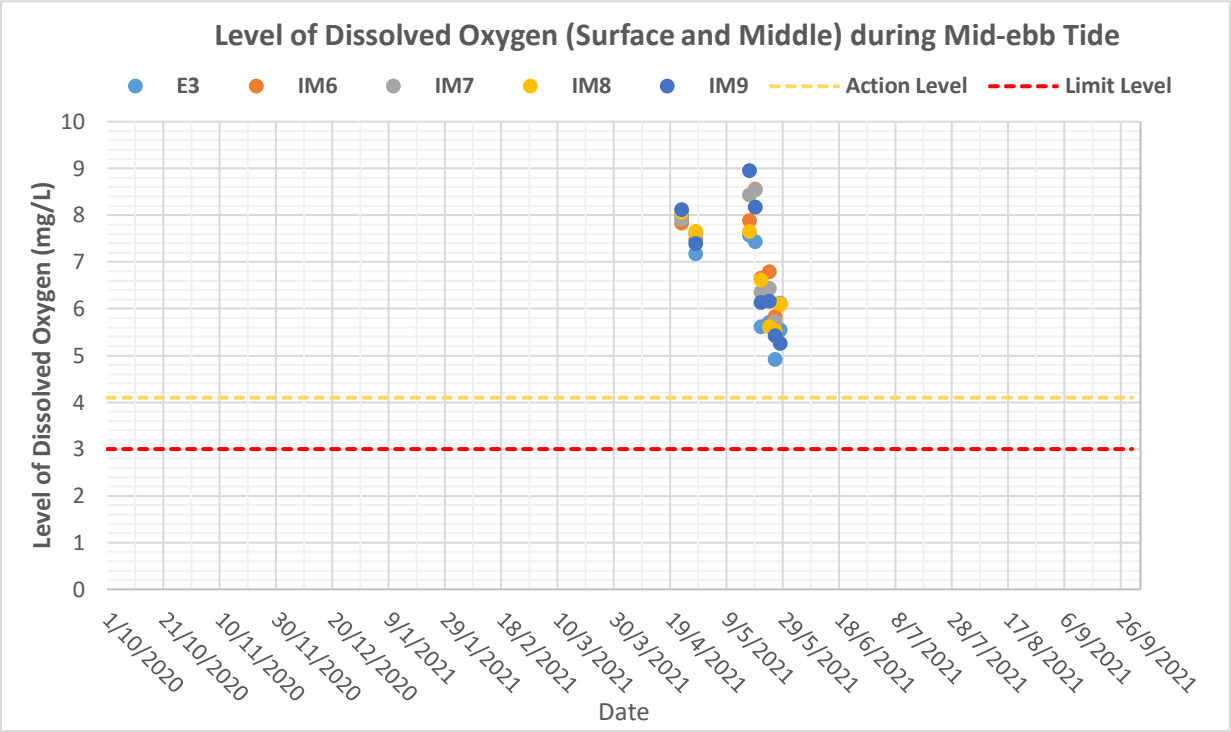


Figure F1c: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E3) and impact stations (IM6-IM9) under Group 3 during mid-ebb tides between October 2020 and September 2021

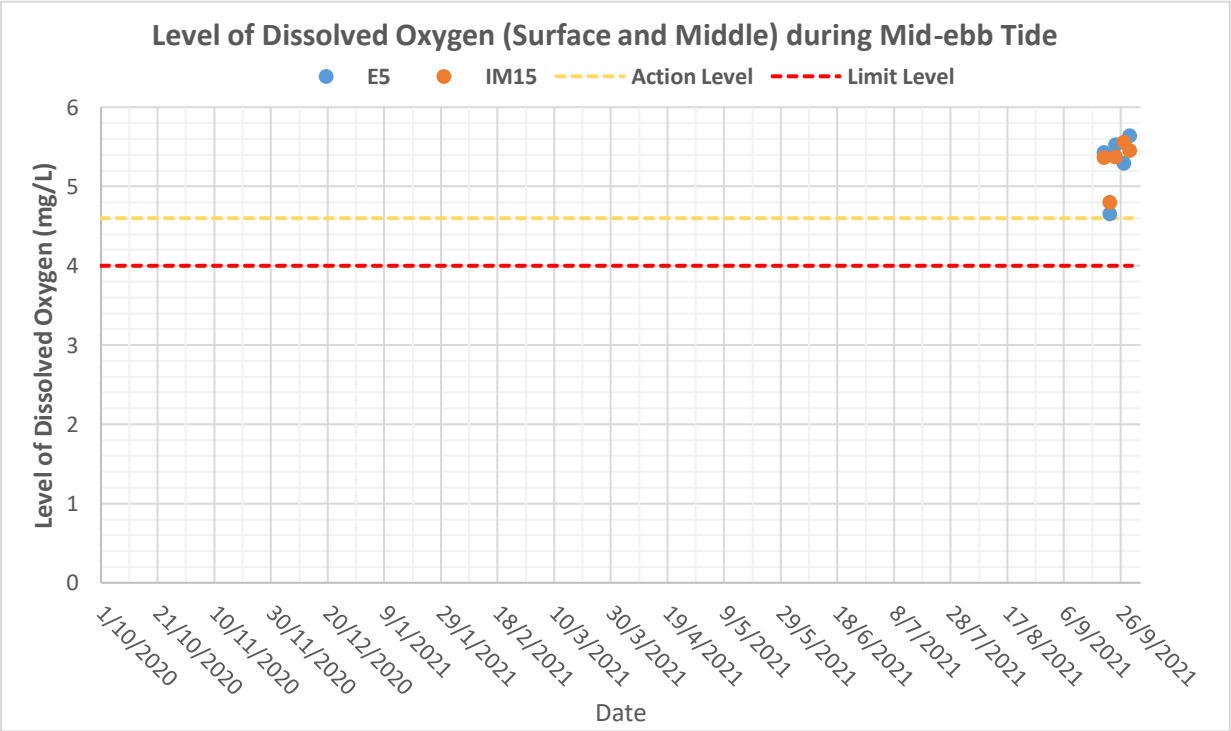


Figure F1d: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E5) and impact station (IM15) under Group 5 during mid-ebb tides between October 2020 and September 2021

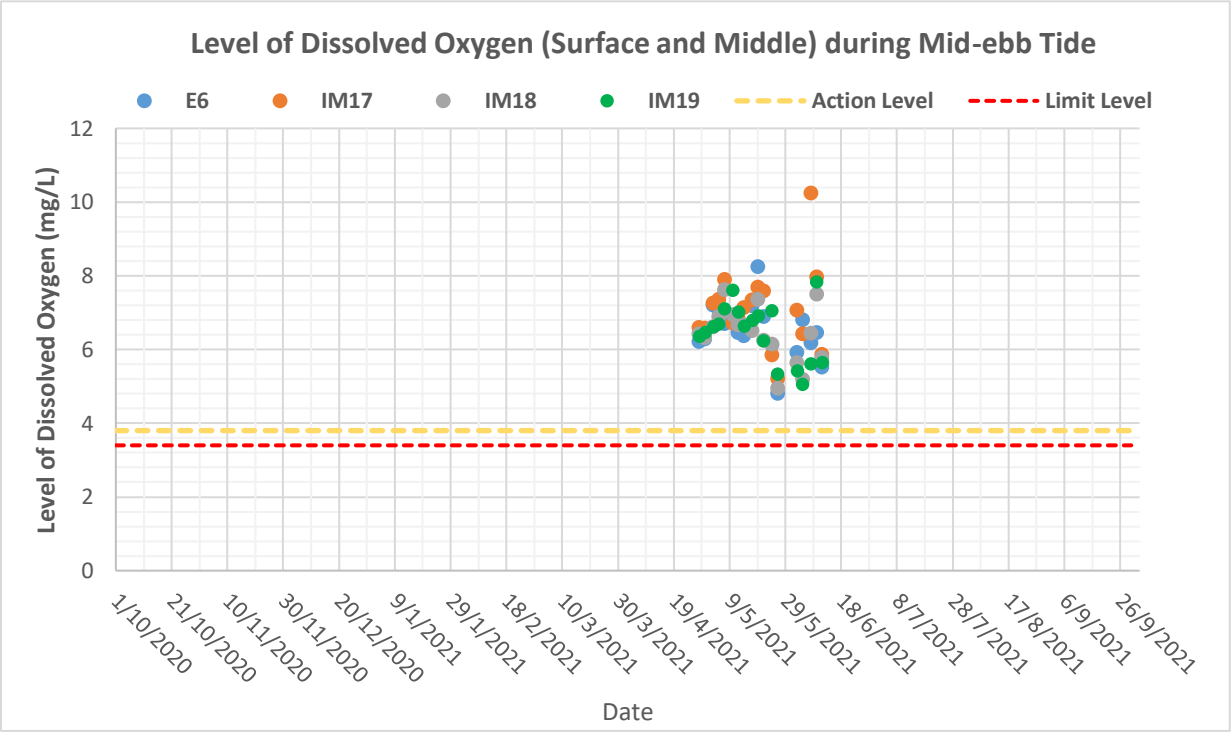


Figure F1e: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E6) and impact stations (IM17-IM19) under Group 7 during mid-ebb tides between October 2020 and September 2021

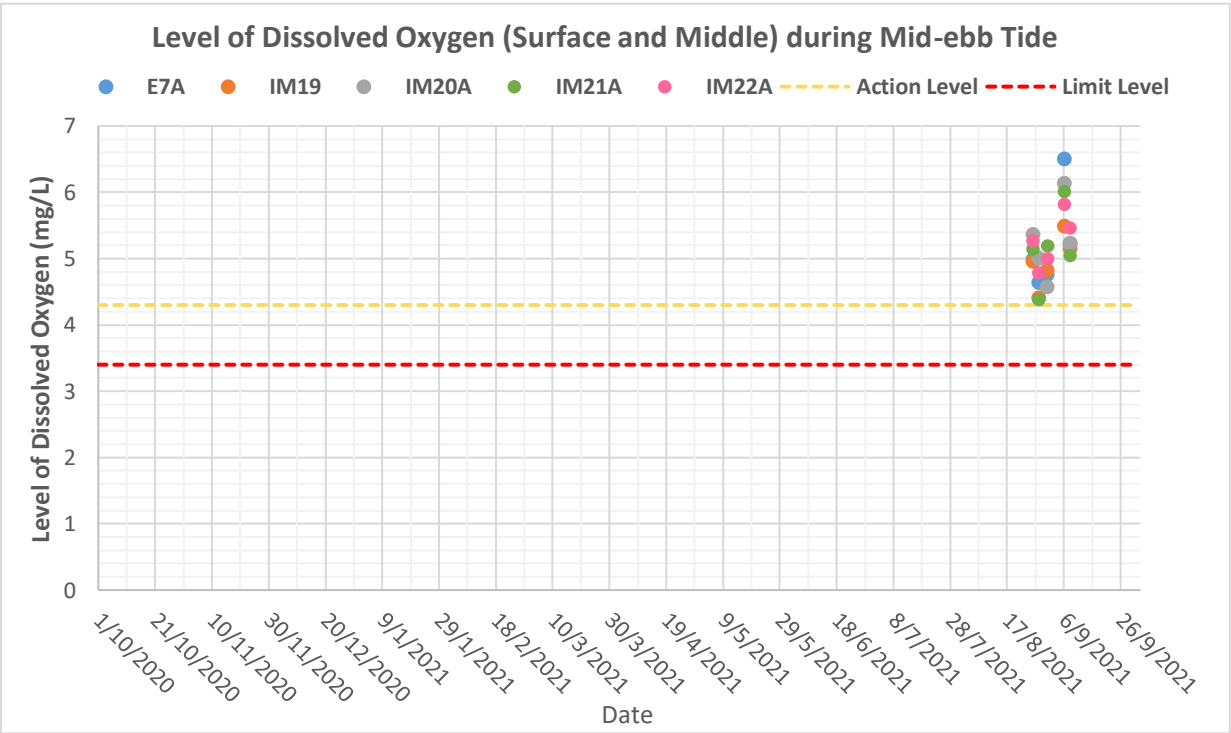


Figure F1f: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E7A) and impact stations (IM19-IM22A) under Group 8 during mid-ebb tides between October 2020 and September 2021

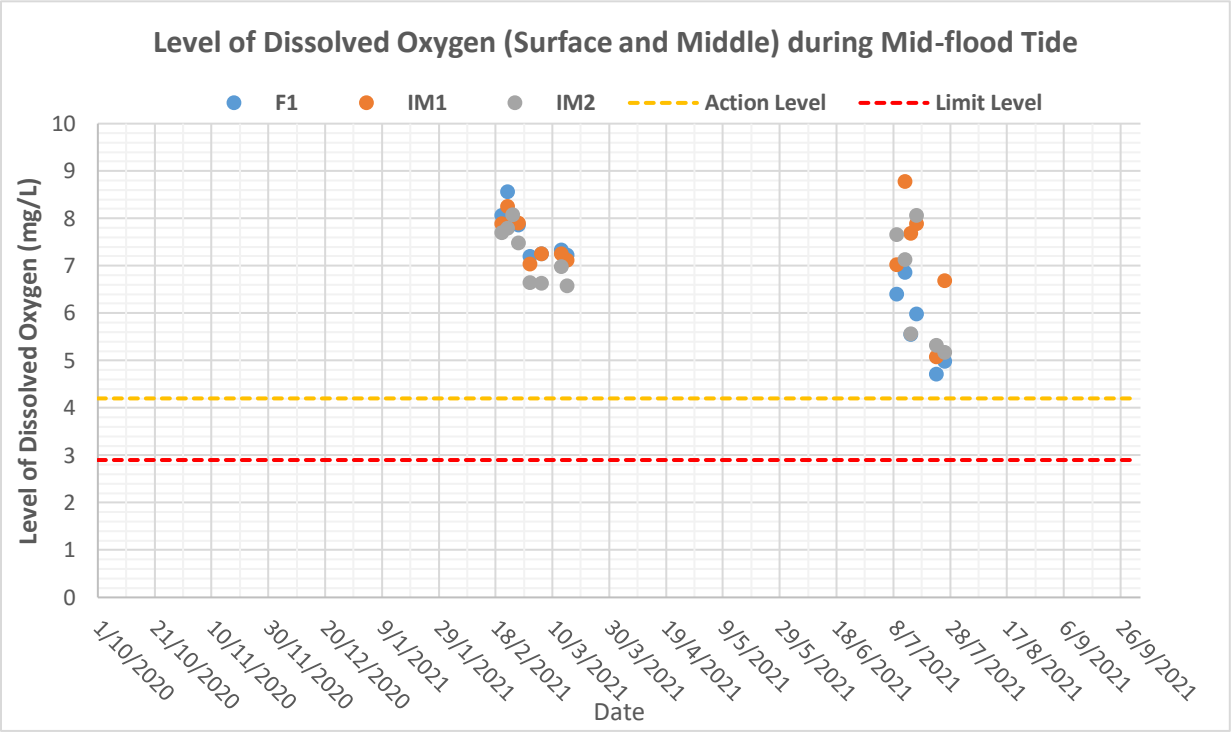


Figure F1g: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (F1) and impact stations (IM1-IM2) under Group 1 during mid-flood tides between October 2020 and September 2021

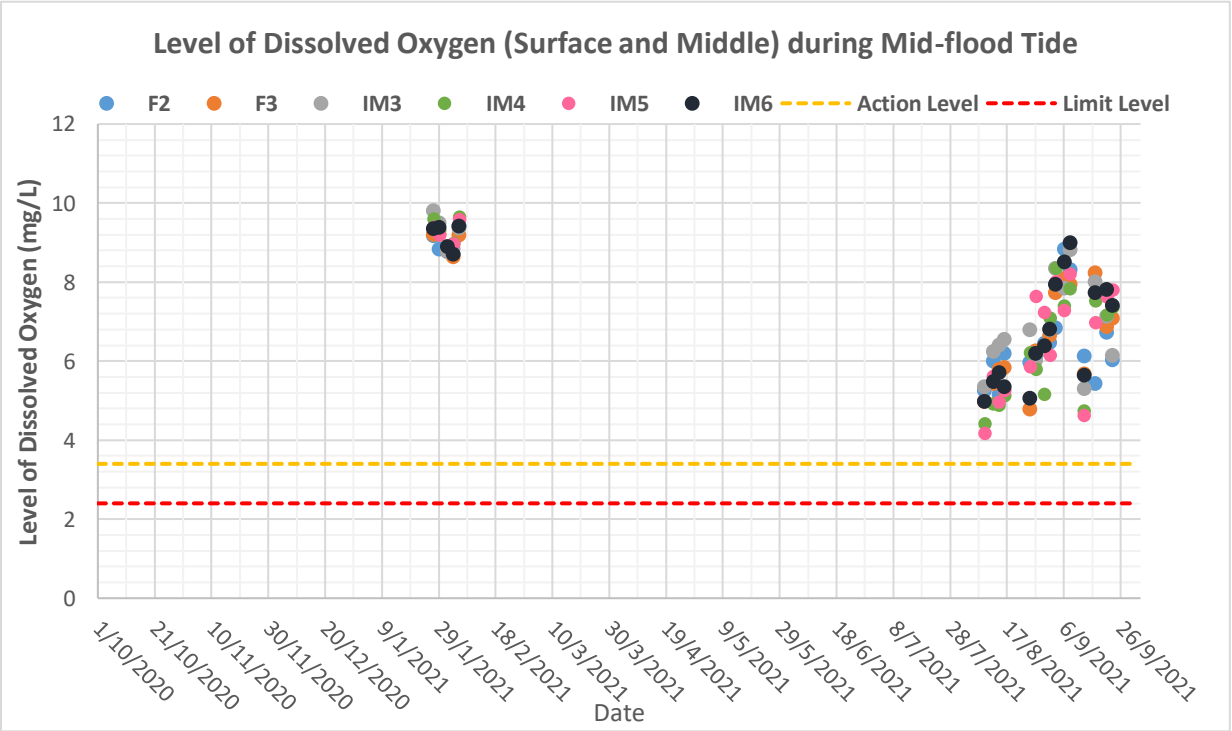


Figure F1h: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control stations (F2-F3) and impact stations (IM3-IM6) under Group 2 during mid-flood tides between October 2020 and September 2021

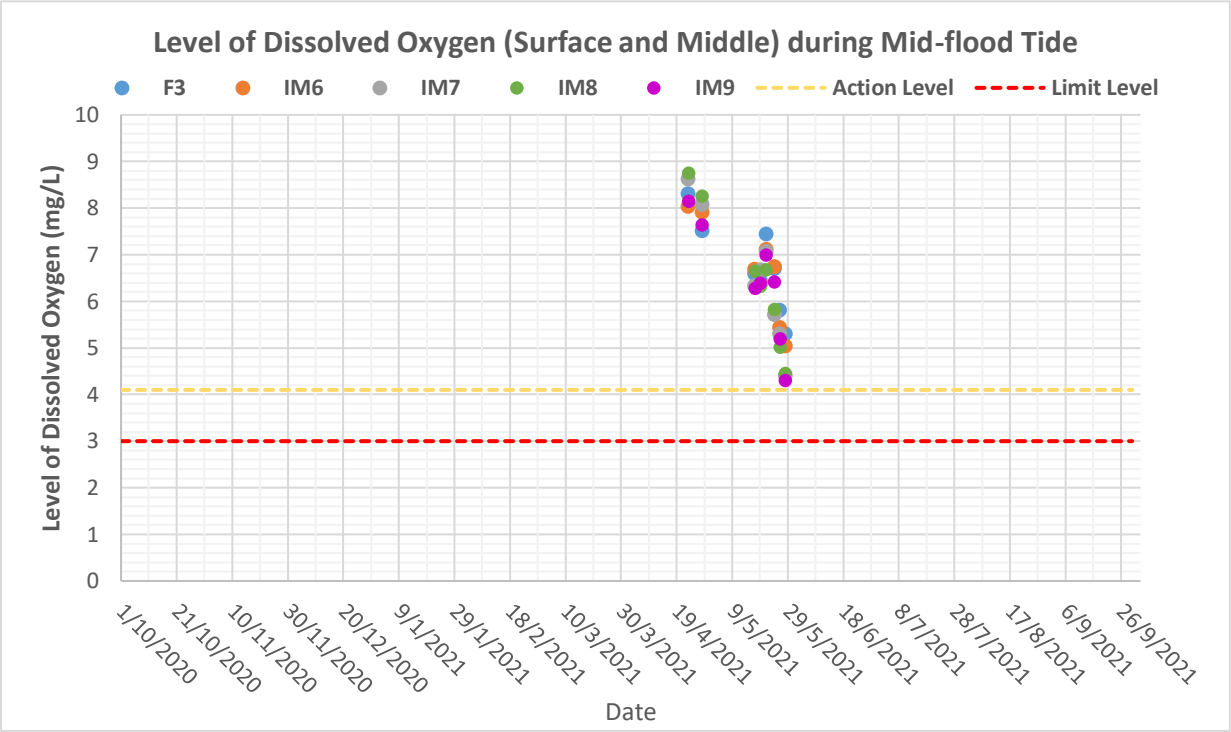


Figure F1i: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (F3) and impact stations (IM6-IM9) under Group 3 during mid-flood tides between October 2020 and September 2021

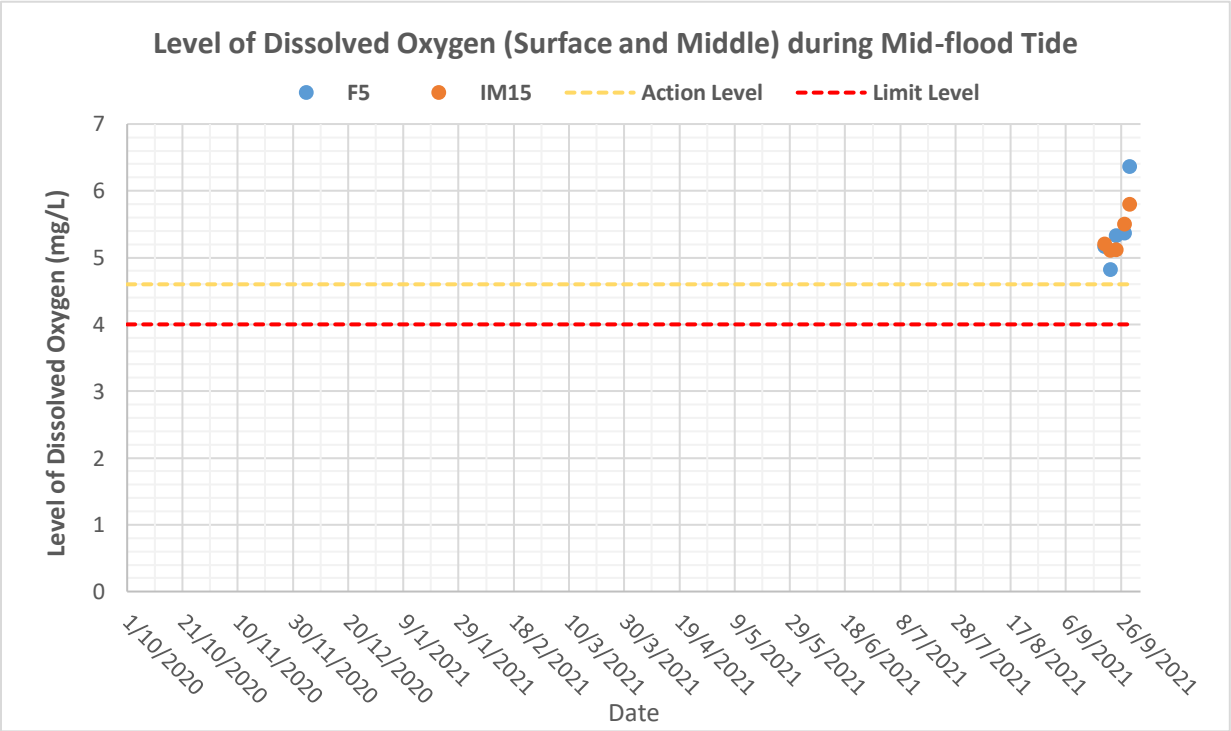


Figure F1j: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (F5) and impact station (IM15) under Group 5 during mid-flood tides between October 2020 and September 2021

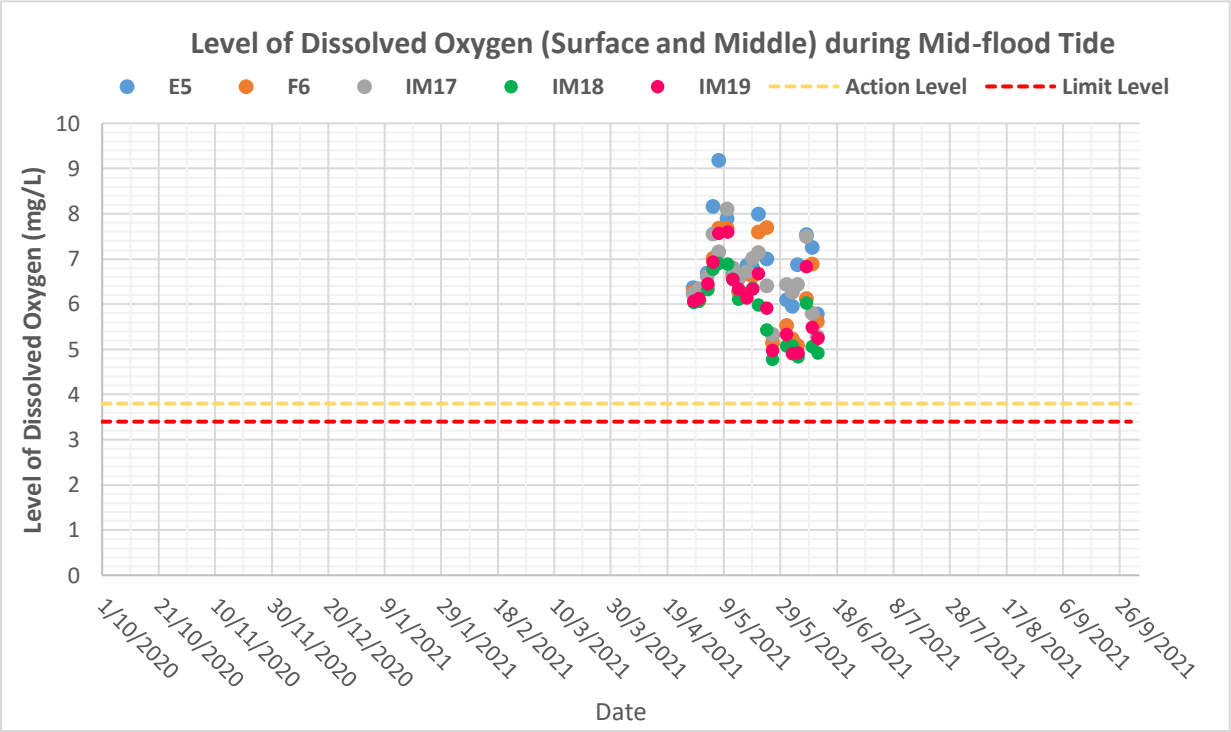


Figure F1k: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control stations (E5, F6) and impact stations (IM17-IM19) under Group 7 during mid-flood tides between October 2020 and September 2021

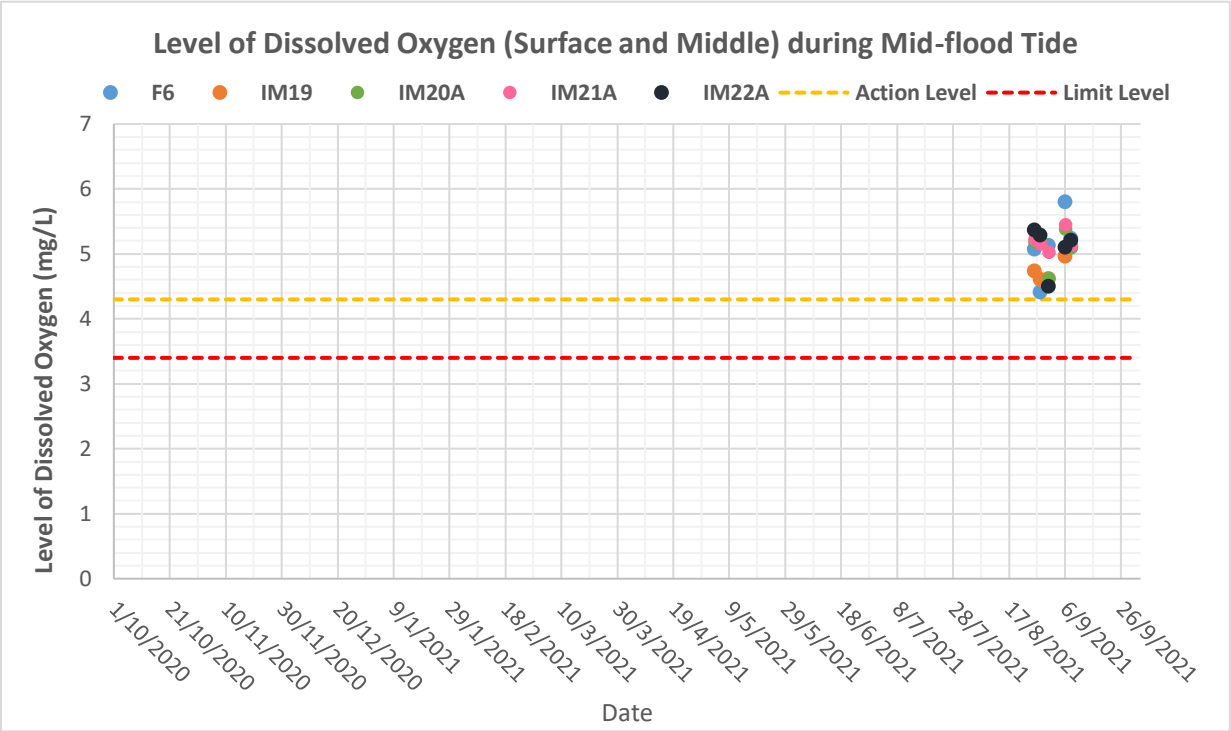


Figure F1l: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (F6) and impact stations (IM19-IM22A) under Group 8 during mid-flood tides between October 2020 and September 2021

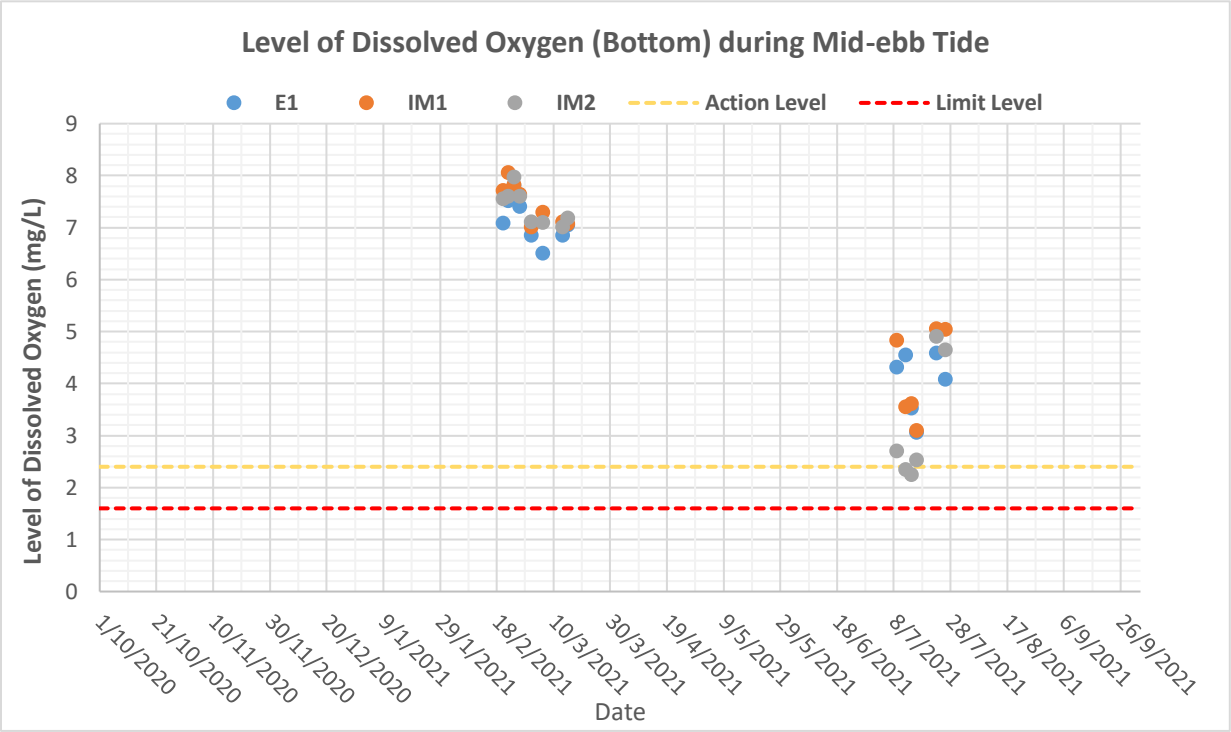


Figure F2a: Levels of Bottom Dissolved Oxygen (mg/L) at control station (E1) and impact stations (IM1-IM2) under Group 1 during mid-ebb tides between October 2020 and September 2021

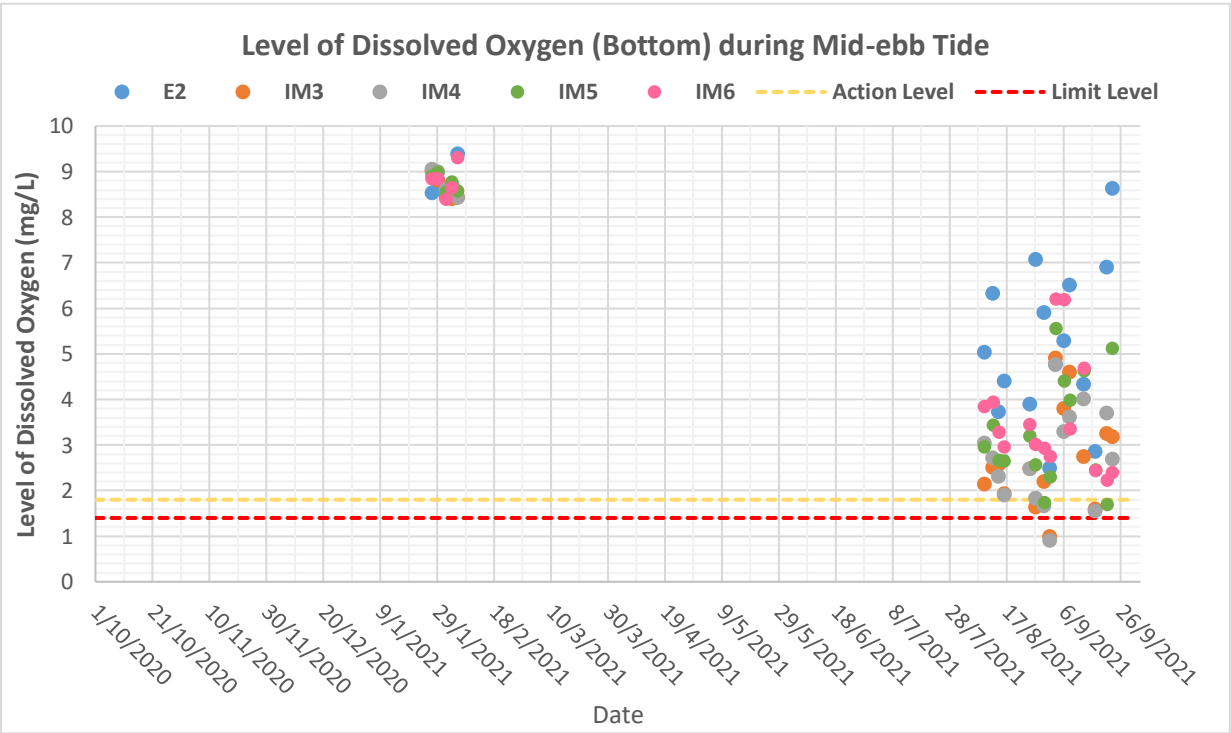


Figure F2b: Levels of Bottom Dissolved Oxygen (mg/L) at control station (E2) and impact stations (IM3-IM6) under Group 2 during mid-ebb tides between October 2020 and September 2021

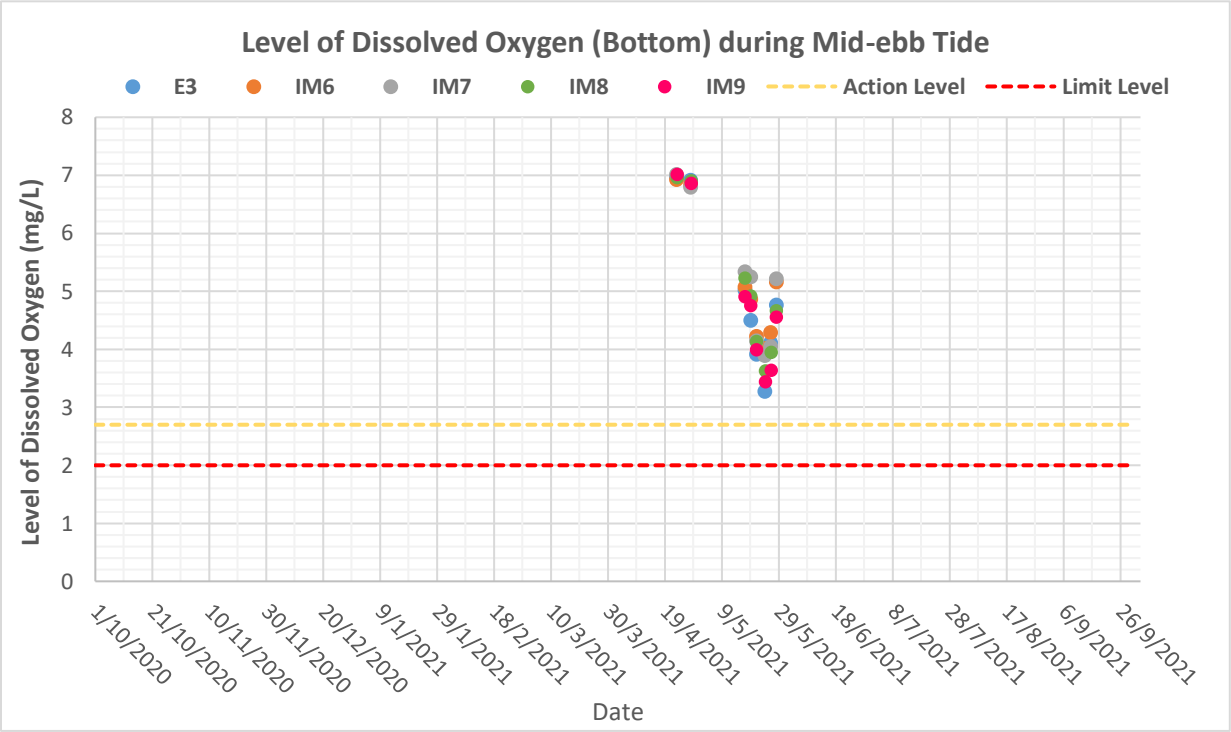


Figure F2c: Levels of Bottom Dissolved Oxygen (mg/L) at control station (E3) and impact stations (IM6-IM9) under Group 3 during mid-ebb tides between October 2020 and September 2021

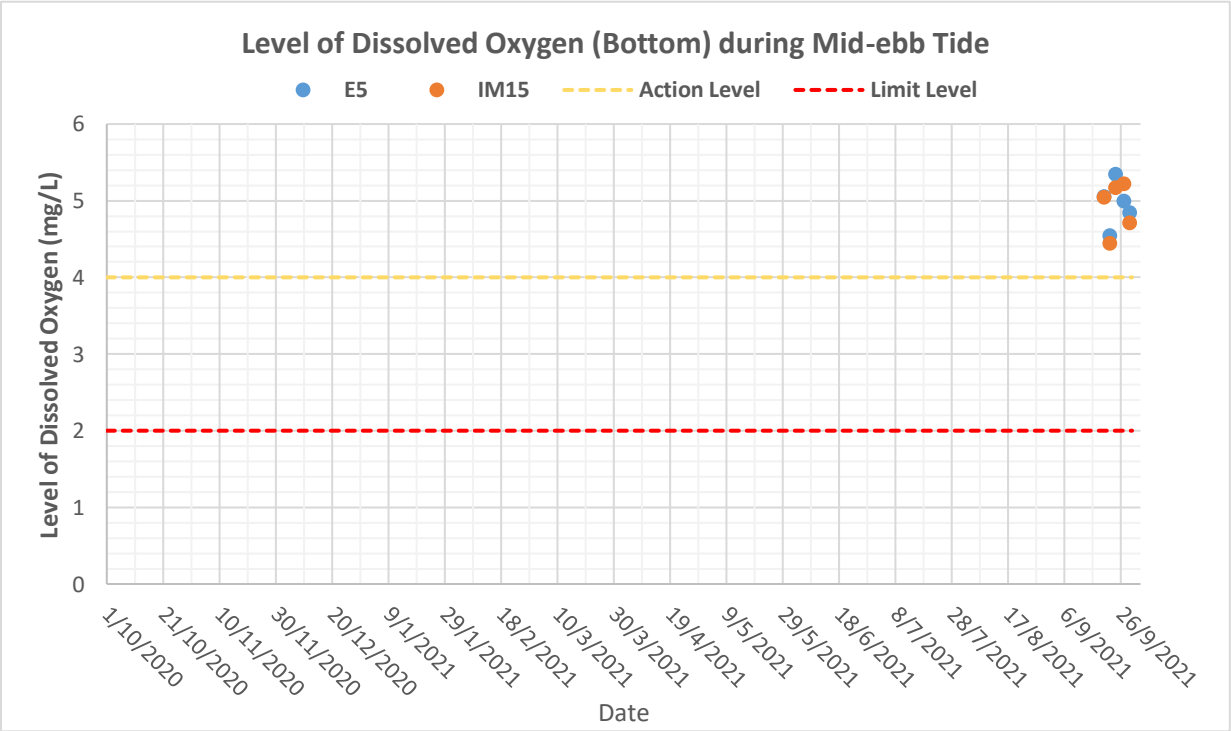


Figure F2d: Levels of Bottom Dissolved Oxygen (mg/L) at control station (E5) and impact station (IM15) under Group 5 during mid-ebb tides between October 2020 and September 2021

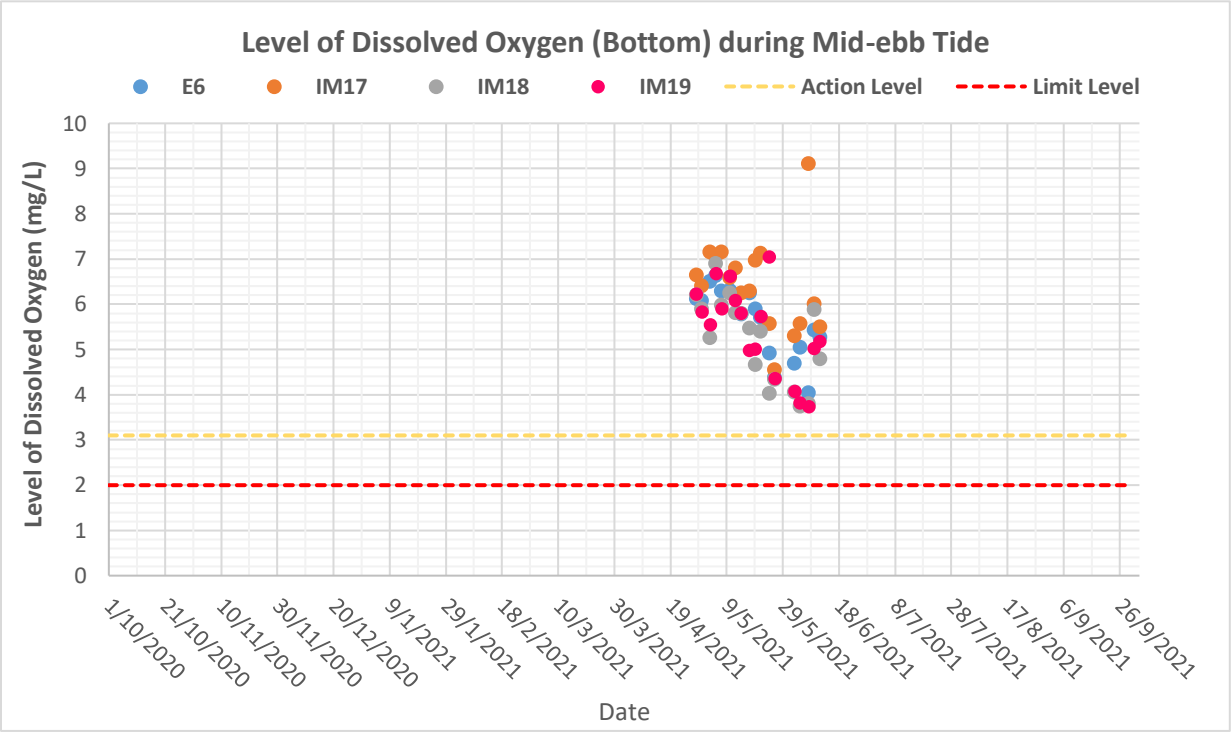


Figure F2e: Levels of Bottom Dissolved Oxygen (mg/L) at control station (E6) and impact stations (IM17-IM19) under Group 7 during mid-ebb tides between October 2020 and September 2021

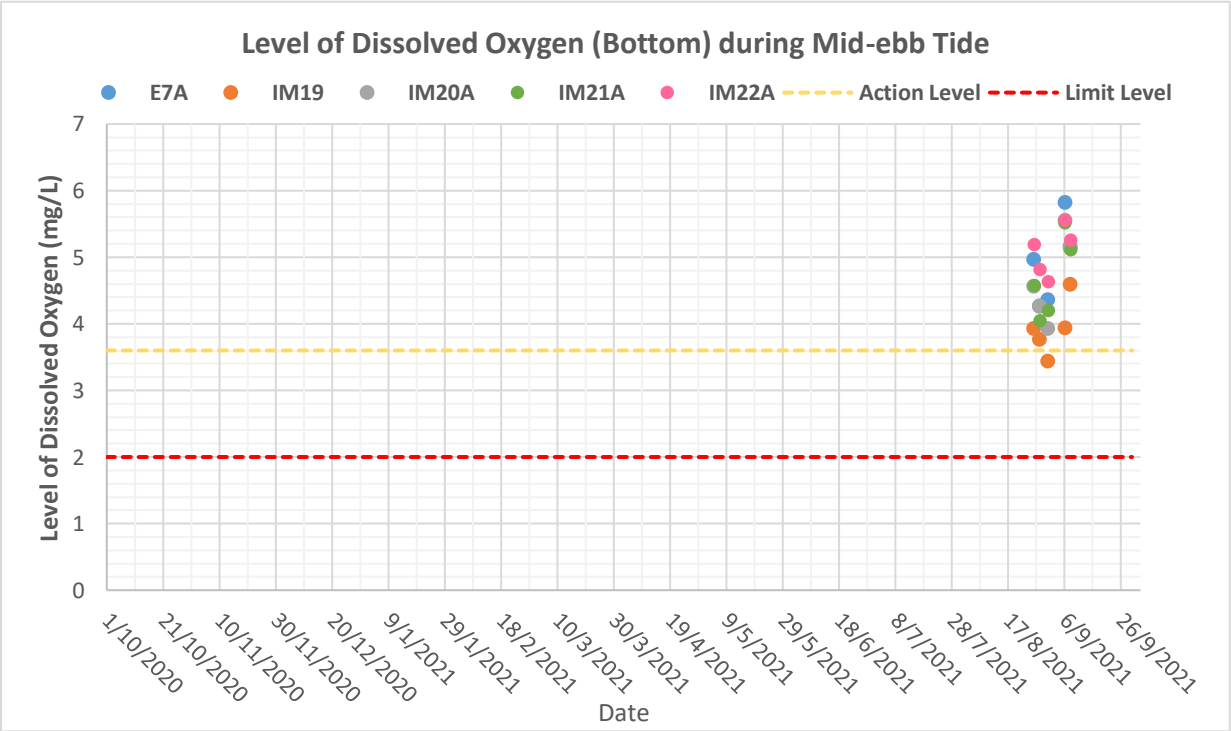


Figure F2f: Levels of Bottom Dissolved Oxygen (mg/L) at control station (E7A) and impact stations (IM19-IM22A) under Group 8 during mid-ebb tides between October 2020 and September 2021

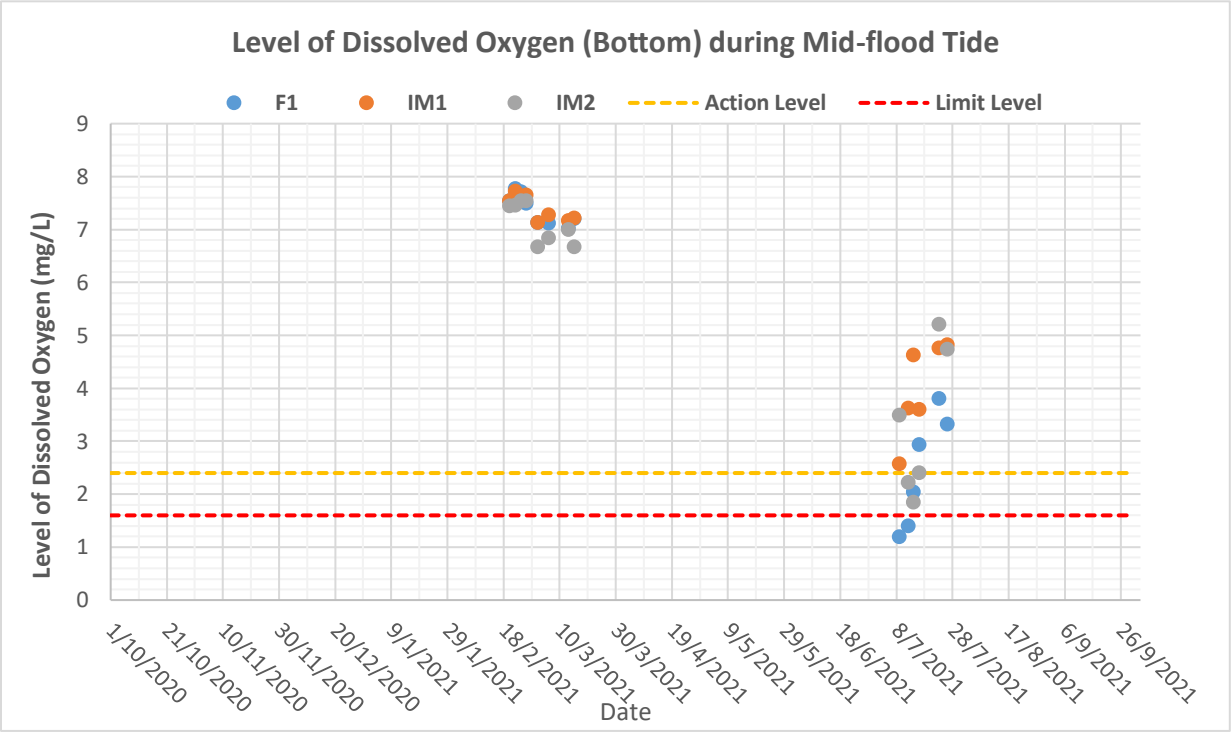


Figure F2g: Levels of Bottom Dissolved Oxygen (mg/L) at control station (F1) and impact stations (IM1-IM2) under Group 1 during mid-flood tides between October 2020 and September 2021

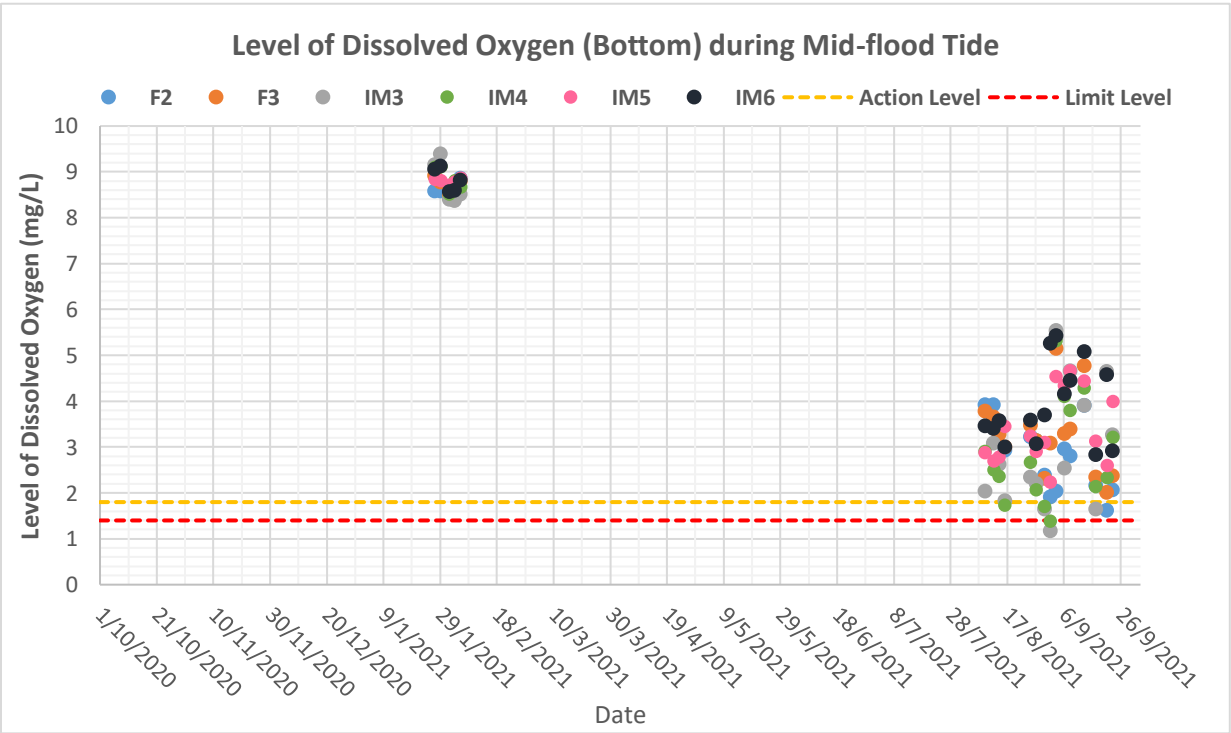


Figure F2h: Levels of Bottom Dissolved Oxygen (mg/L) at control stations (F2-F3) and impact stations (IM3-IM6) under Group 2 during mid-flood tides between October 2020 and September 2021

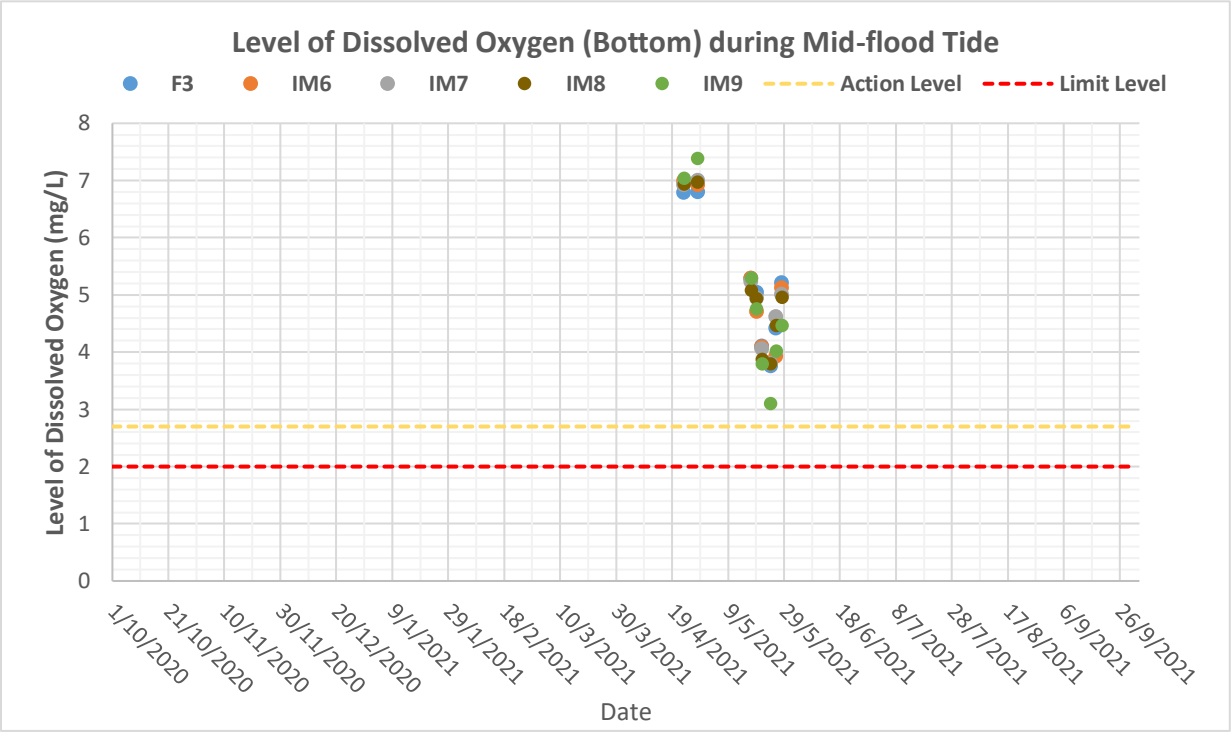


Figure F2i: Levels of Bottom Dissolved Oxygen (mg/L) at control station (F3) and impact stations (IM6-IM9) under Group 3 during mid-flood tides between October 2020 and September 2021

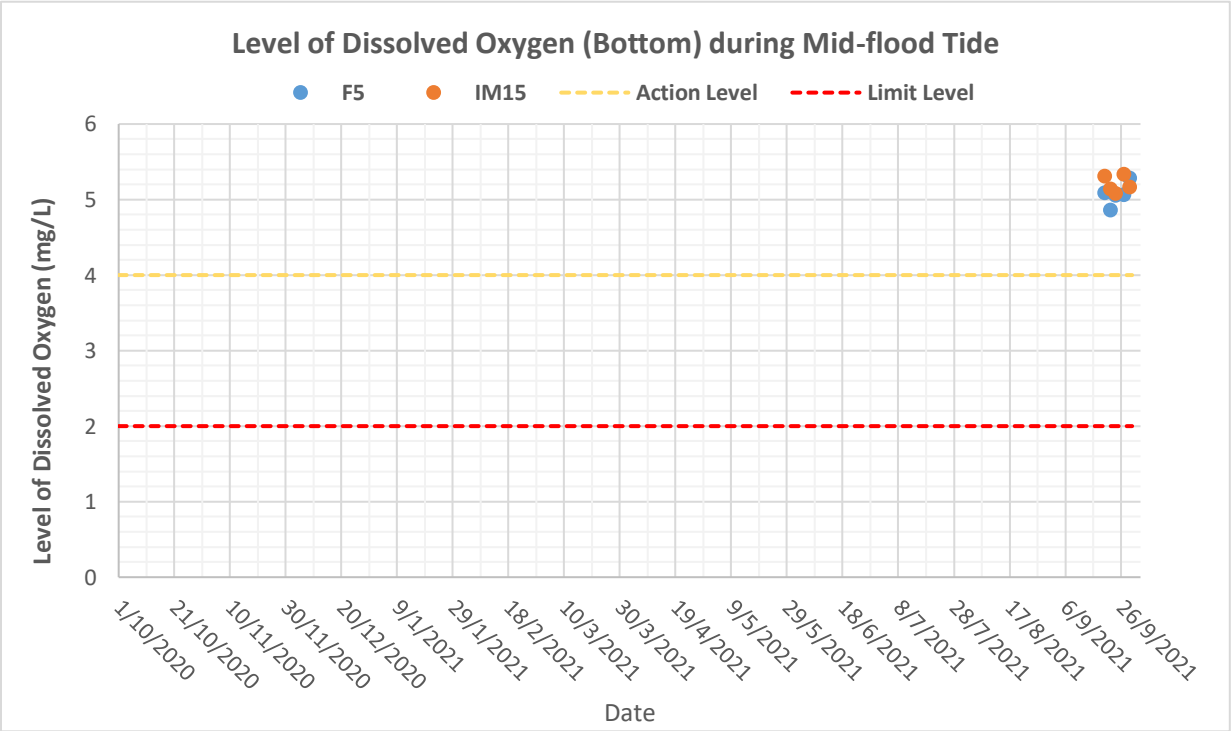


Figure F2j: Levels of Bottom Dissolved Oxygen (mg/L) at control station (F5) and impact station (IM15) under Group 5 during mid-flood tides between October 2020 and September 2021

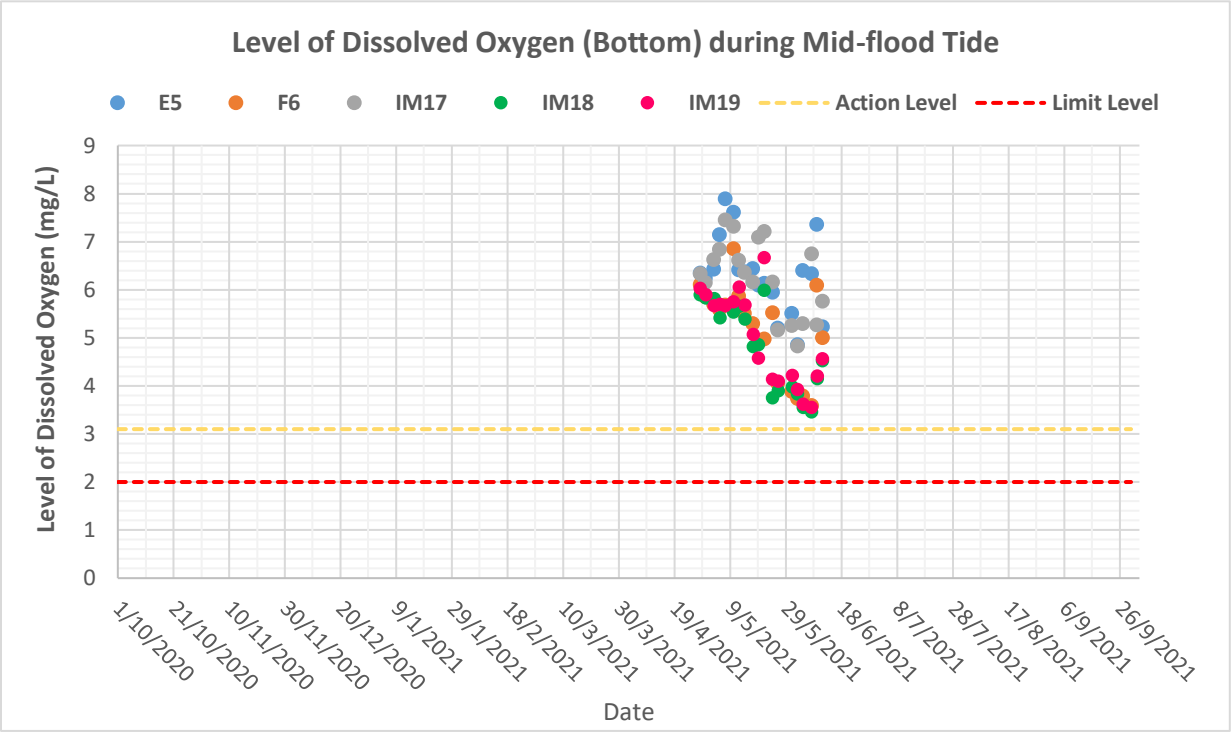


Figure F2k: Levels of Bottom Dissolved Oxygen (mg/L) at control stations (E5, F6) and impact stations (IM17-IM19) under Group 7 during mid-flood tides between October 2020 and September 2021

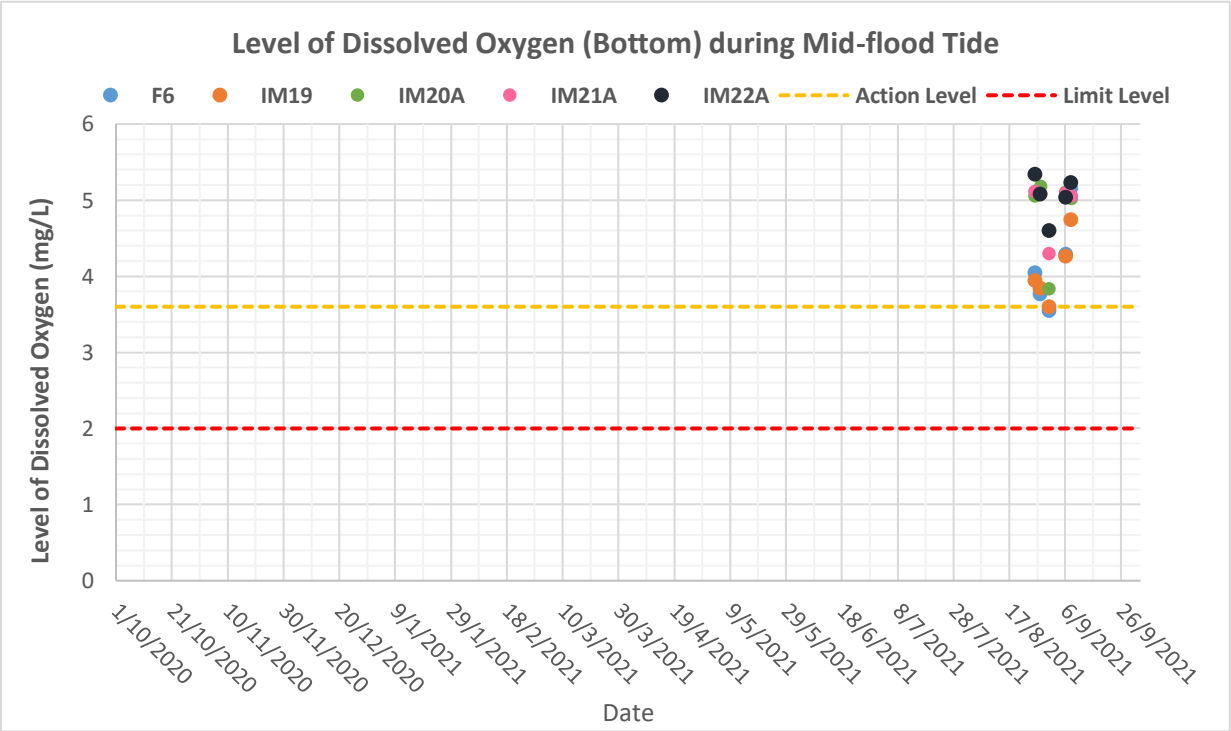


Figure F2l: Levels of Bottom Dissolved Oxygen (mg/L) at control station (F6) and impact stations (IM19-IM22A) under Group 8 during mid-flood tides between October 2020 and September 2021

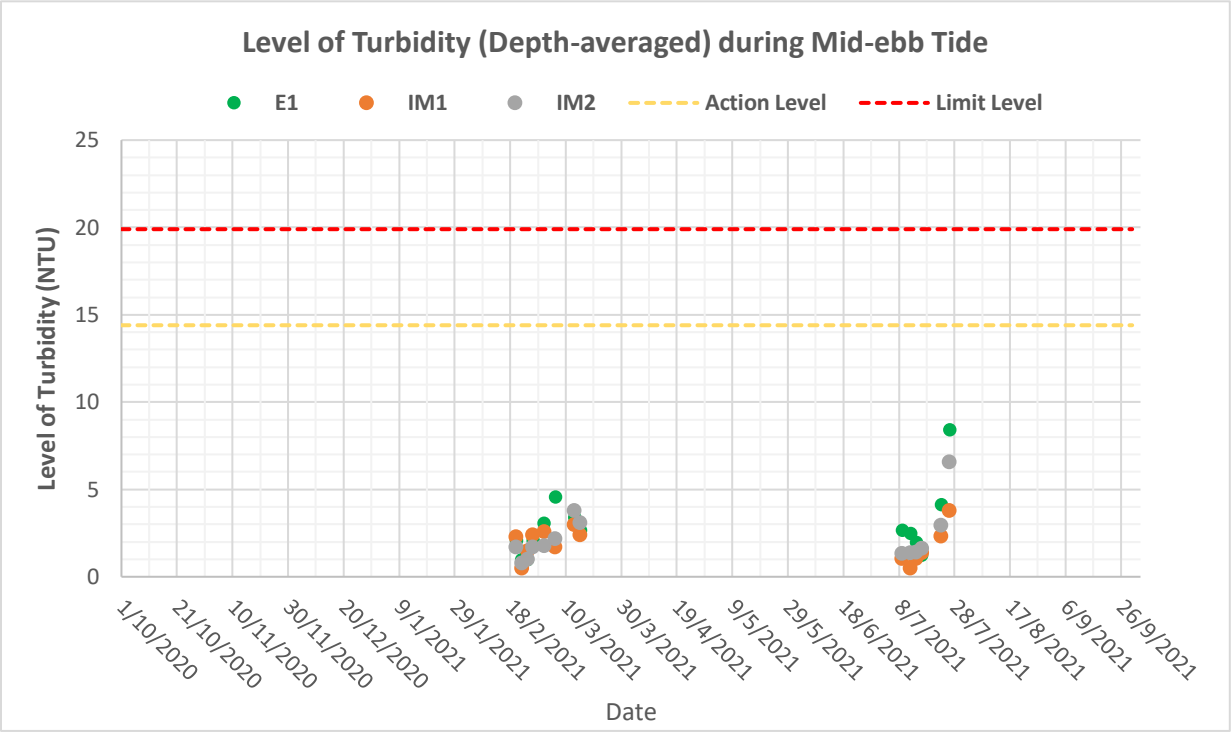


Figure F3a: Levels of Depth-averaged Turbidity (NTU) at control station (E1) and impact stations (IM1-IM2) under Group 1 during mid-ebb tides between October 2020 and September 2021

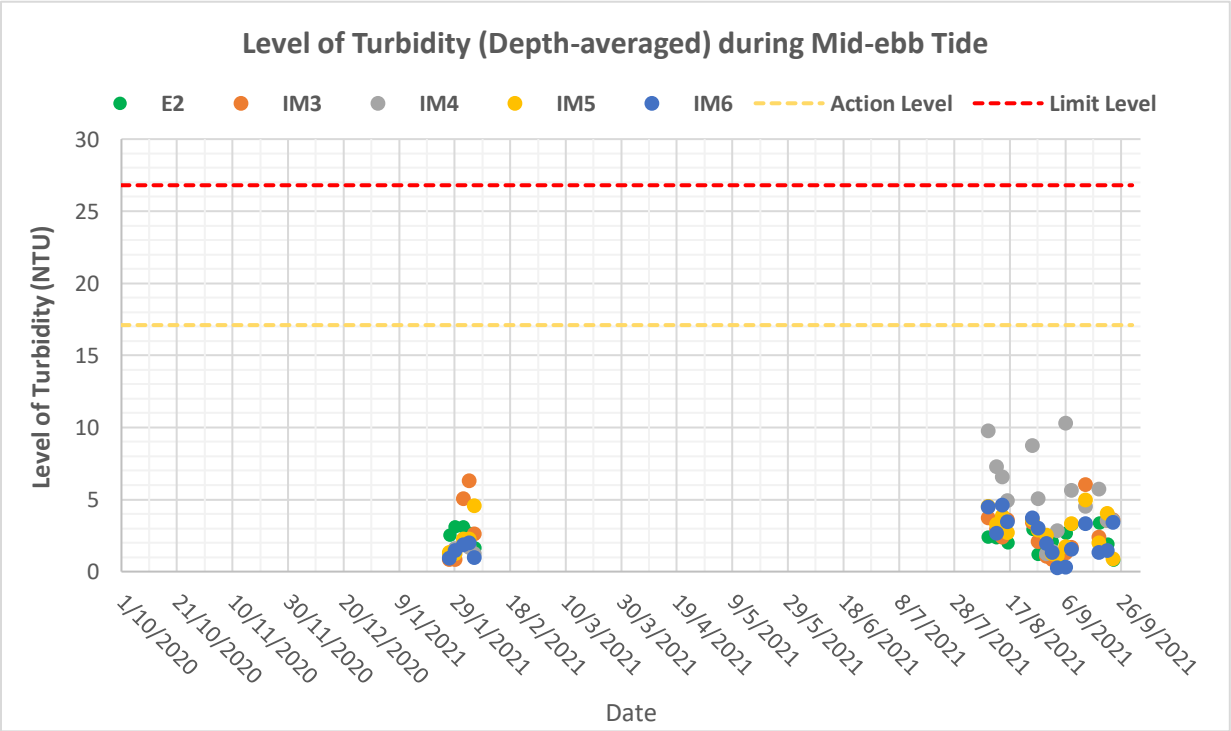


Figure F3b: Levels of Depth-averaged Turbidity (NTU) at control station (E2) and impact stations (IM3-IM6) under Group 2 during mid-ebb tides between October 2020 and September 2021

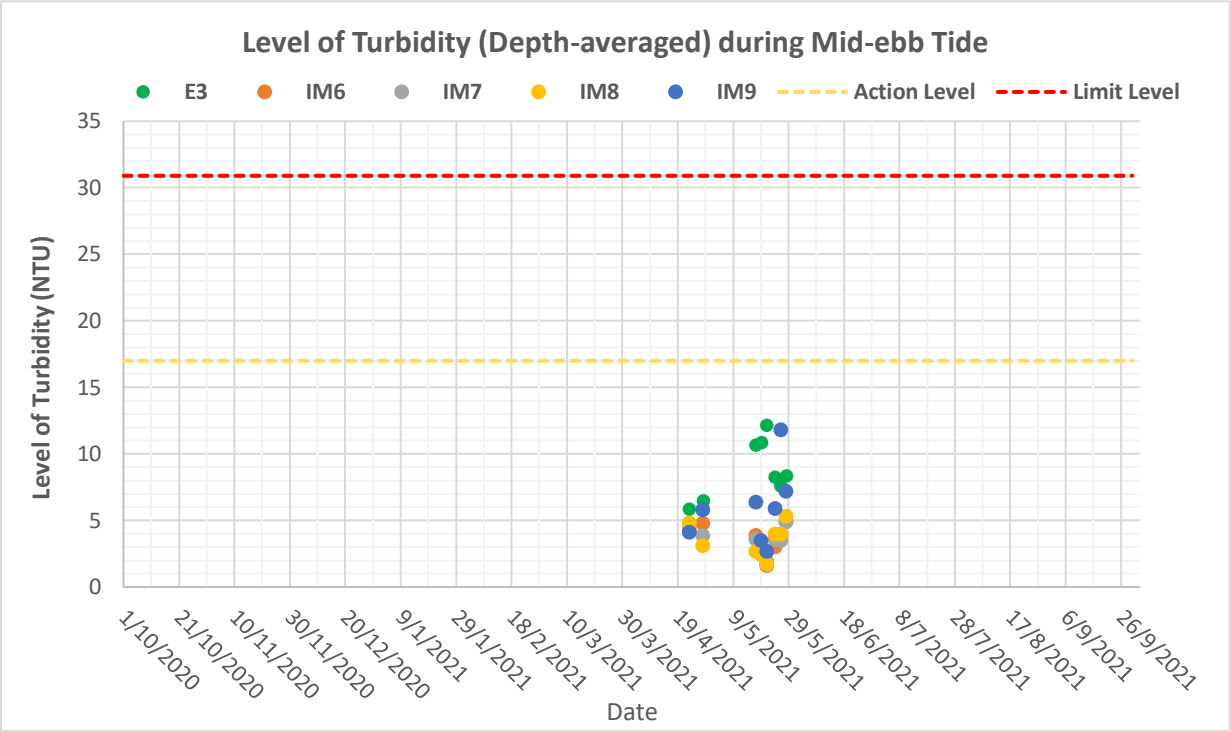


Figure F3c: Levels of Depth-averaged Turbidity (NTU) at control station (E3) and impact stations (IM6-IM9) under Group 3 during mid-ebb tides between October 2020 and September 2021

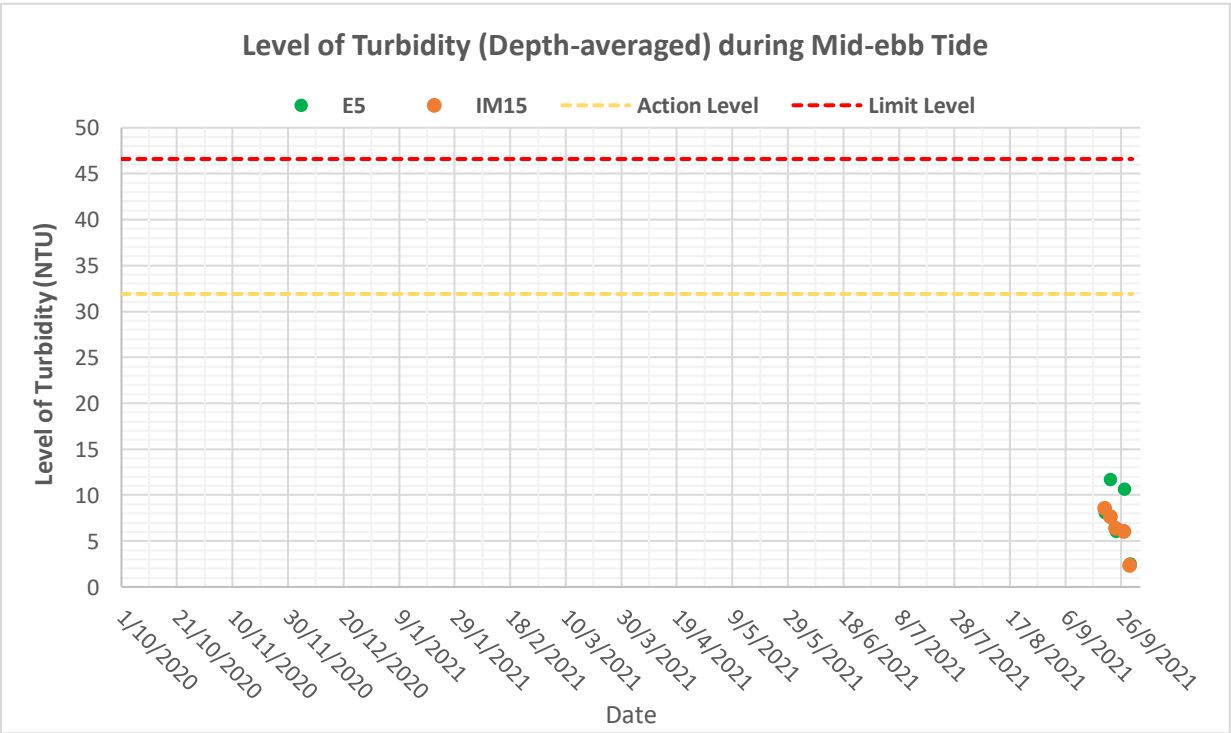


Figure F3d: Levels of Depth-averaged Turbidity (NTU) at control station (E5) and impact station (IM15) under Group 5 during mid-ebb tides between October 2020 and September 2021

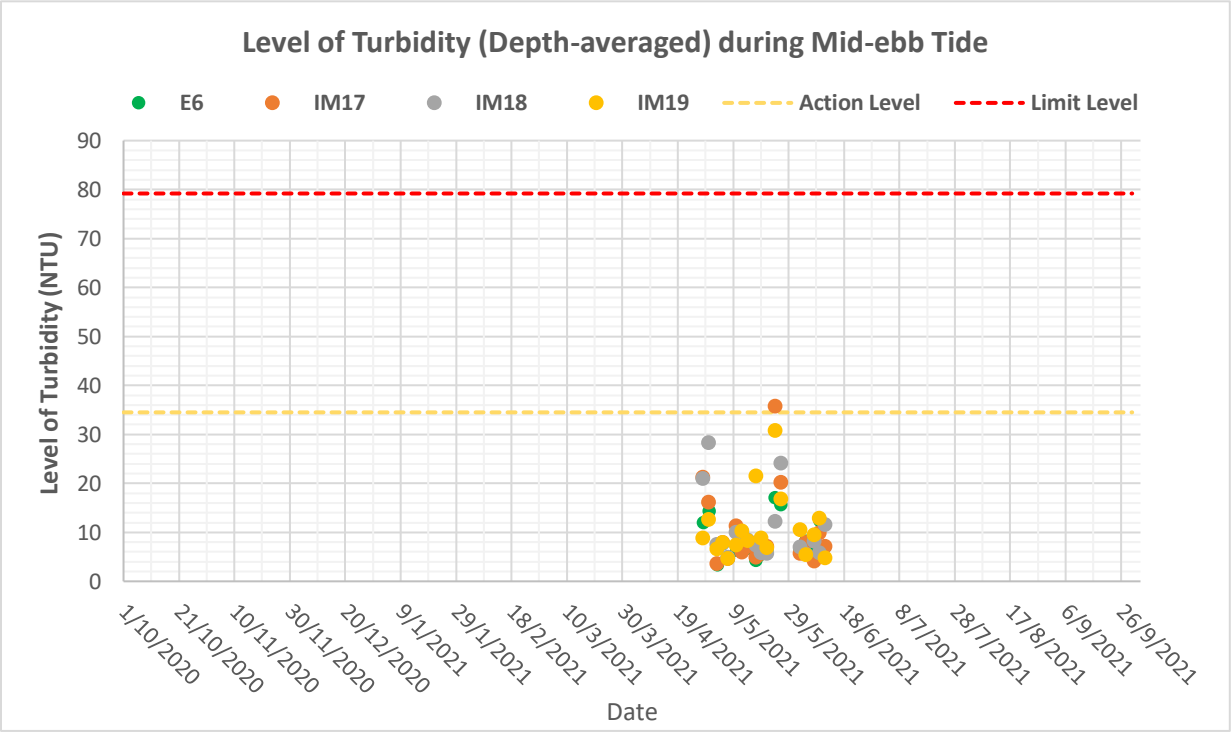


Figure F3e: Levels of Depth-averaged Turbidity (NTU) at control station (E6) and impact stations (IM17-IM19) under Group 7 during mid-ebb tides between October 2020 and September 2021

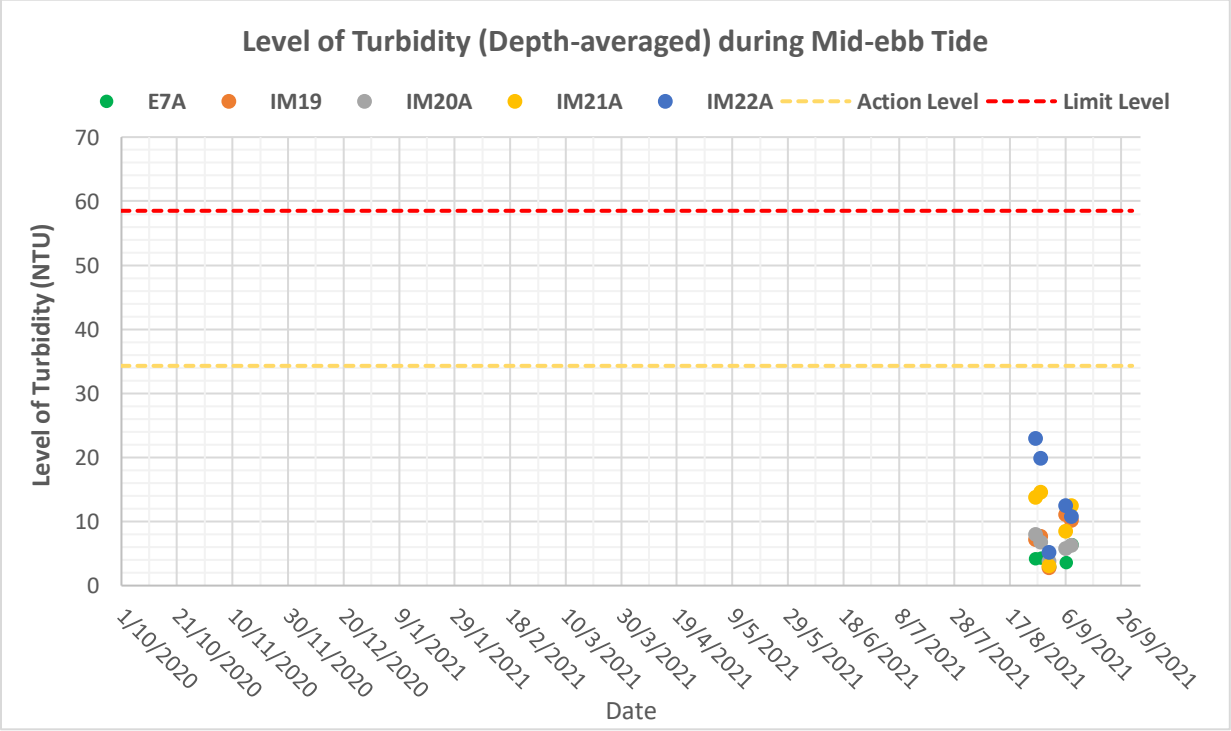


Figure F3f: Levels of Depth-averaged Turbidity (NTU) at control station (E7A) and impact stations (IM19-IM22A) under Group 8 during mid-ebb tides between October 2020 and September 2021

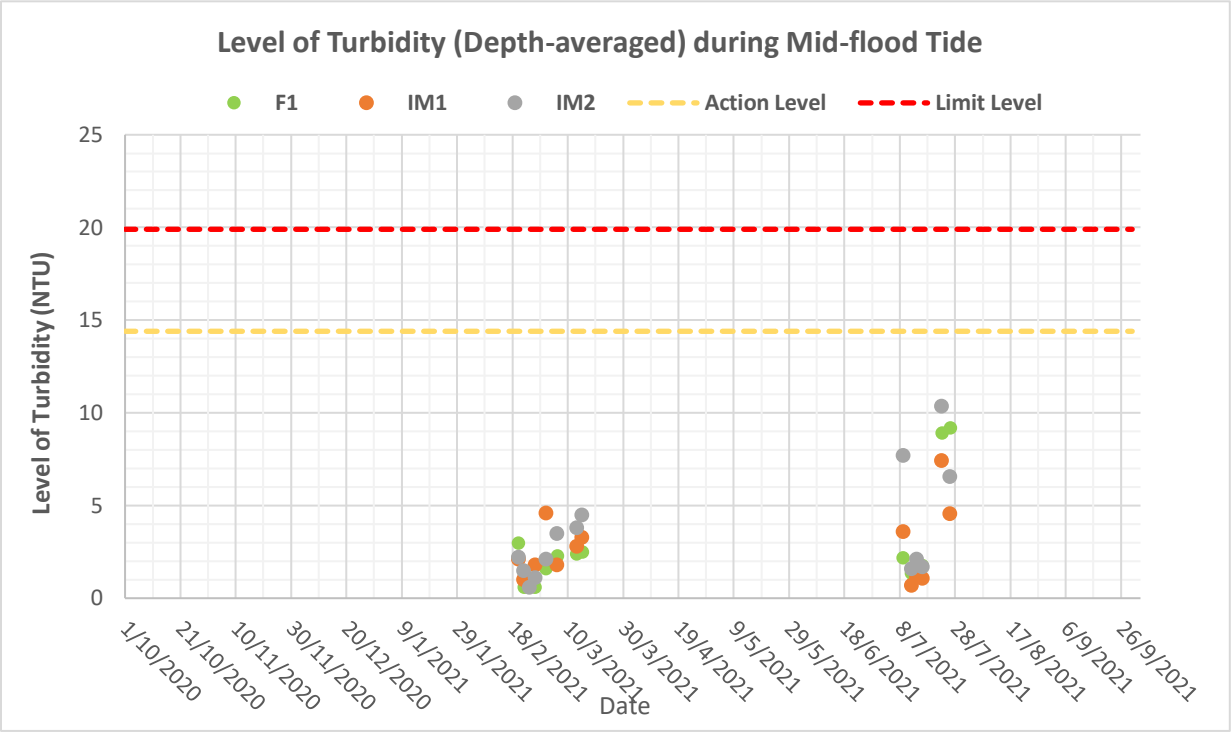


Figure F3g: Levels of Depth-averaged Turbidity (NTU) at control station (F1) and impact stations (IM1-IM2) under Group 1 during mid-flood tides between October 2020 and September 2021

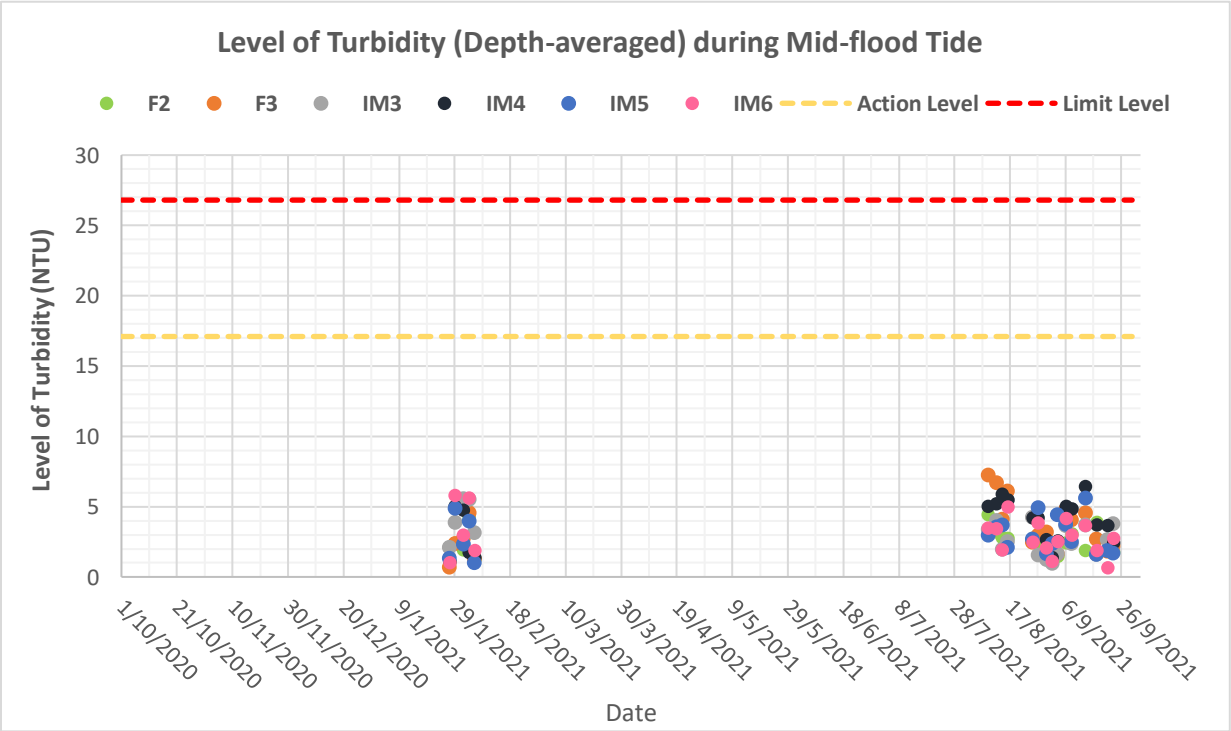


Figure F3h: Levels of Depth-averaged Turbidity (NTU) at control stations (F2-F3) and impact stations (IM3-IM6) under Group 2 during mid-flood tides between October 2020 and September 2021

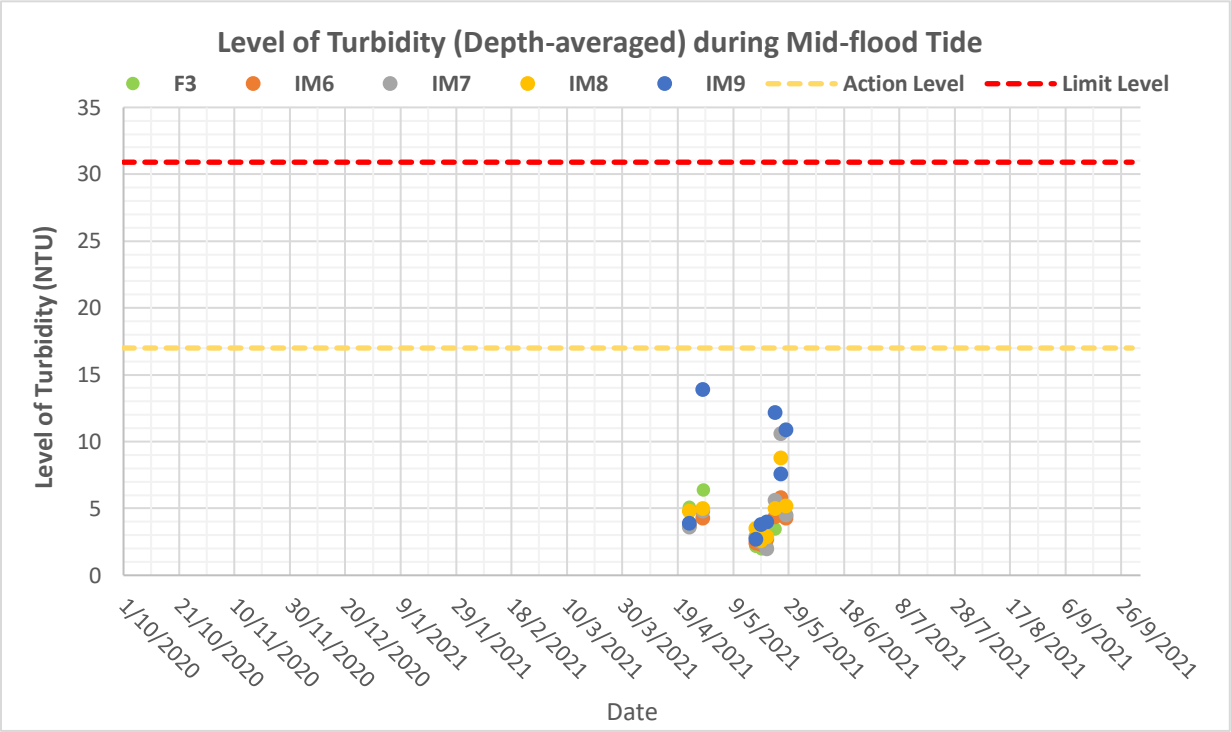


Figure F3i: Levels of Depth-averaged Turbidity (NTU) at control station (F3) and impact stations (IM6-IM9) under Group 3 during mid-flood tides between October 2020 and September 2021

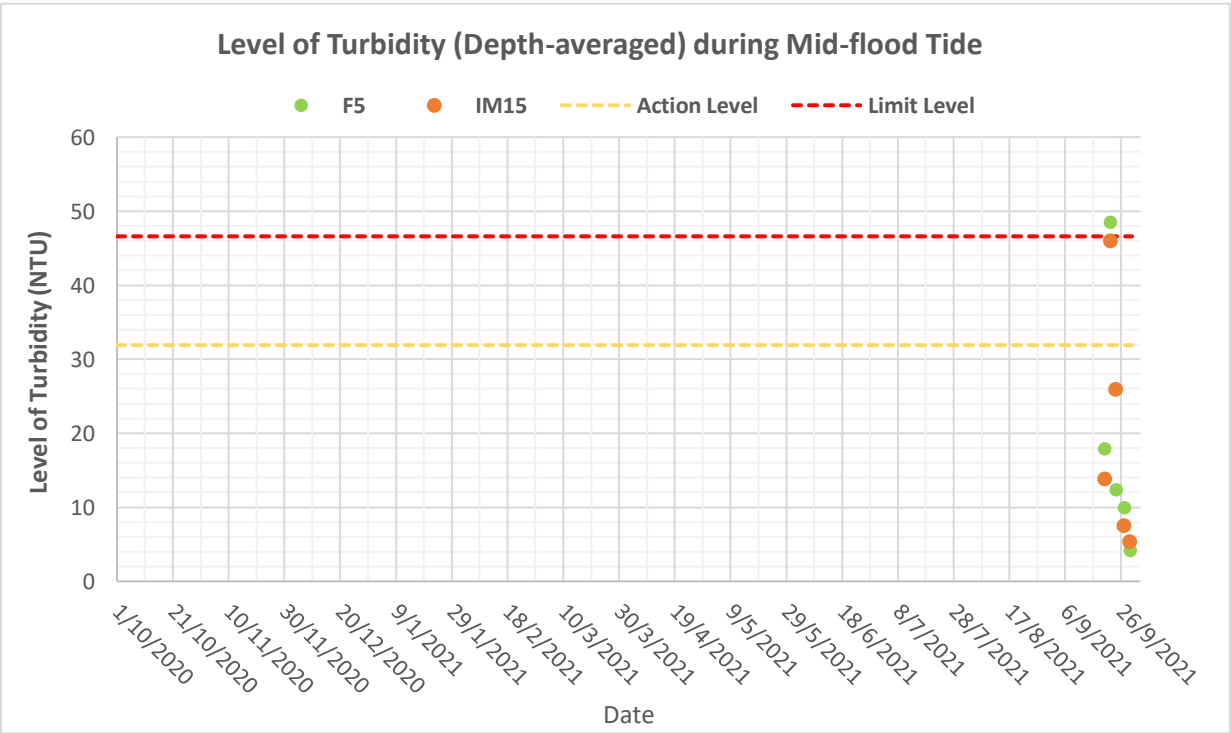


Figure F3j: Levels of Depth-averaged Turbidity (NTU) at control station (F5) and impact station (IM15) under Group 5 during mid-flood tides between October 2020 and September 2021

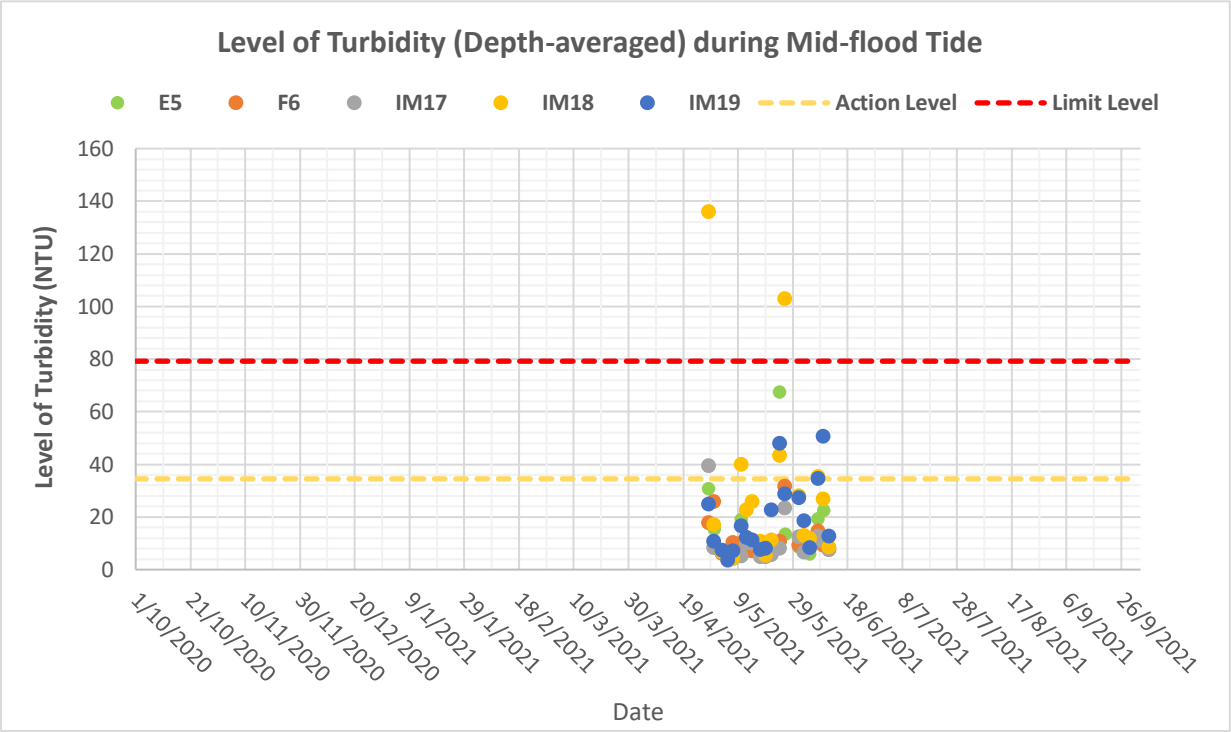


Figure F3k: Levels of Depth-averaged Turbidity (NTU) at control stations (E5, F6) and impact stations (IM17-IM19) under Group 7 during mid-flood tides between October 2020 and September 2021

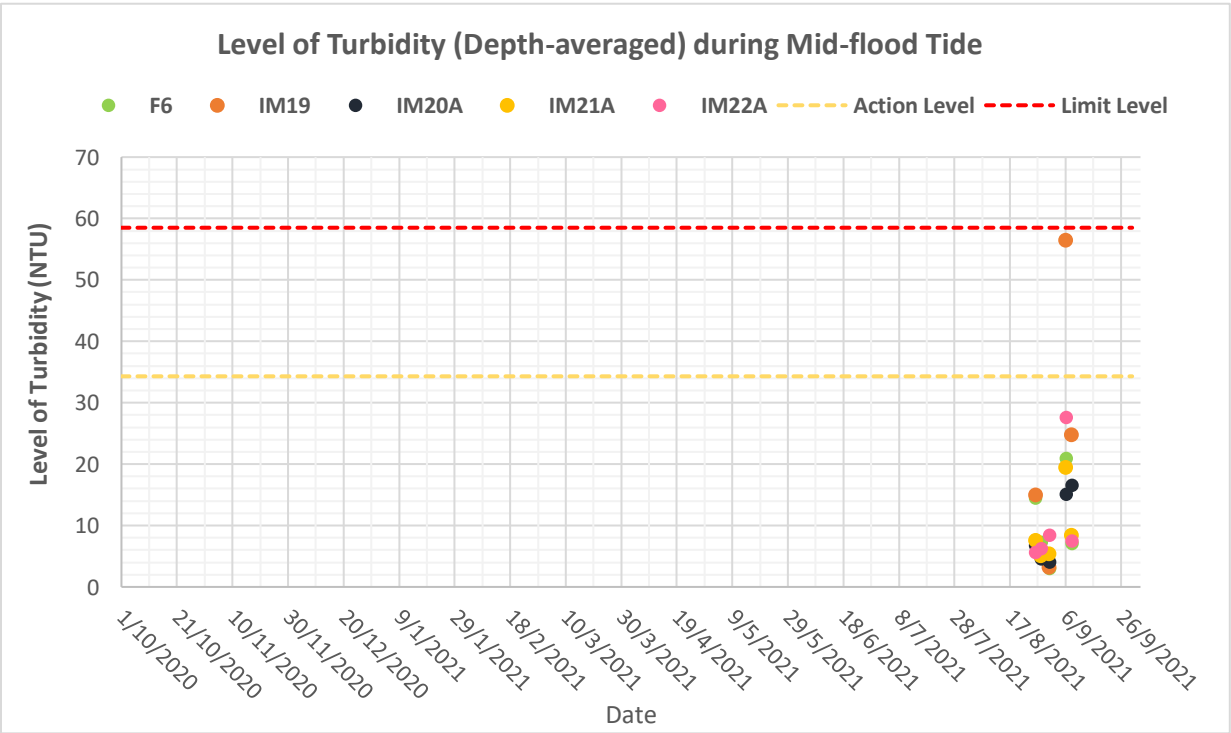


Figure F3l: Levels of Depth-averaged Turbidity (NTU) at control station (F6) and impact stations (IM19-IM22A) under Group 8 during mid-flood tides between October 2020 and September 2021

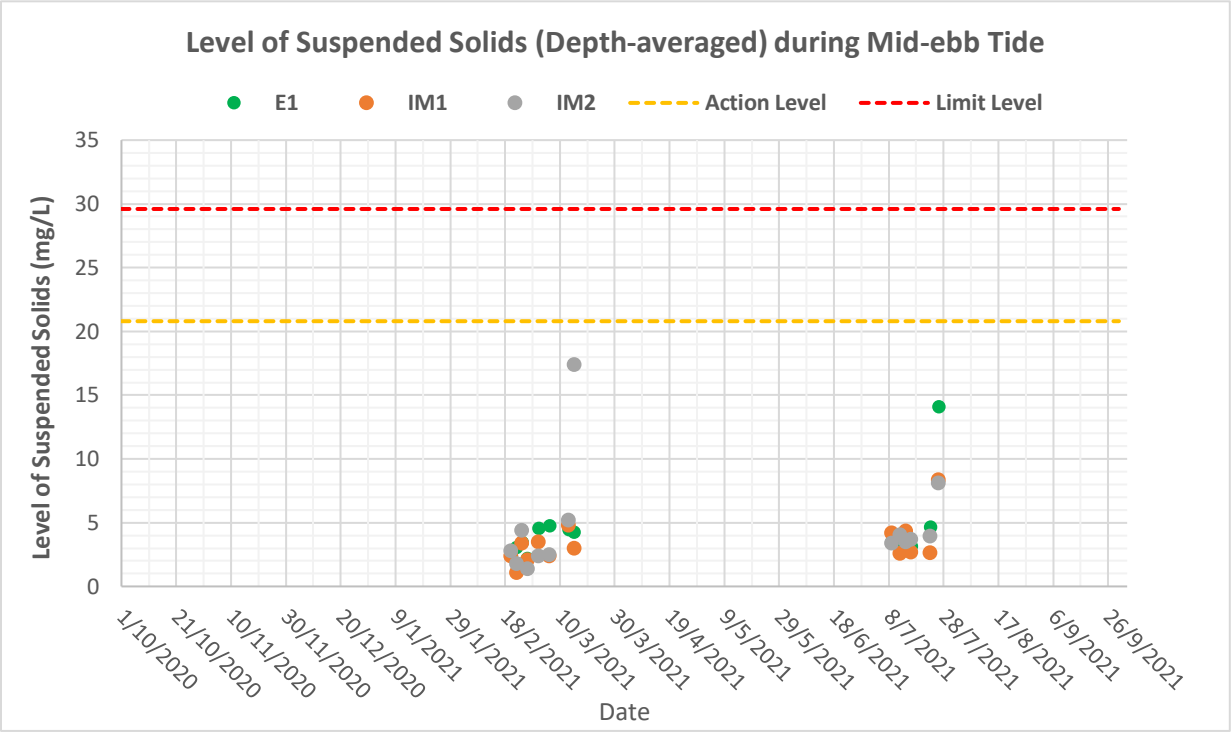


Figure F4a: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E1) and impact stations (IM1-IM2) under Group 1 during mid-ebb tides between October 2020 and September 2021

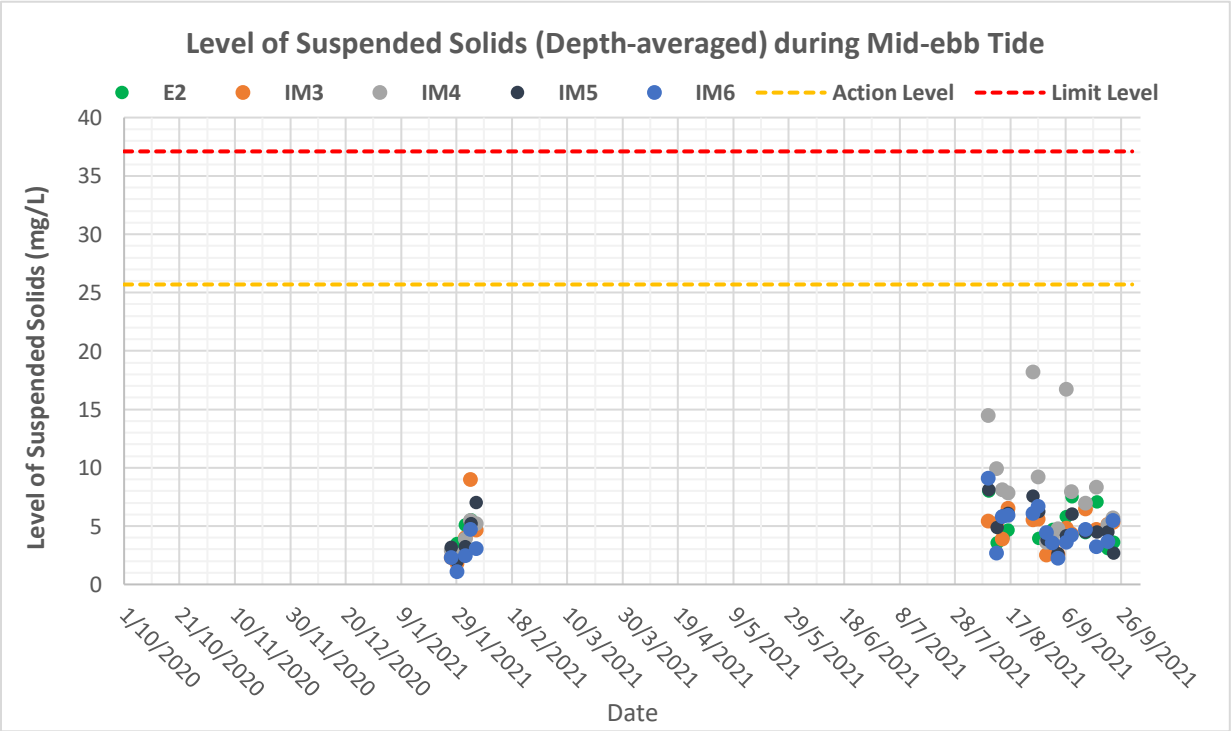


Figure F4b: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E2) and impact stations (IM3-IM6) under Group 2 during mid-ebb tides between October 2020 and September 2021

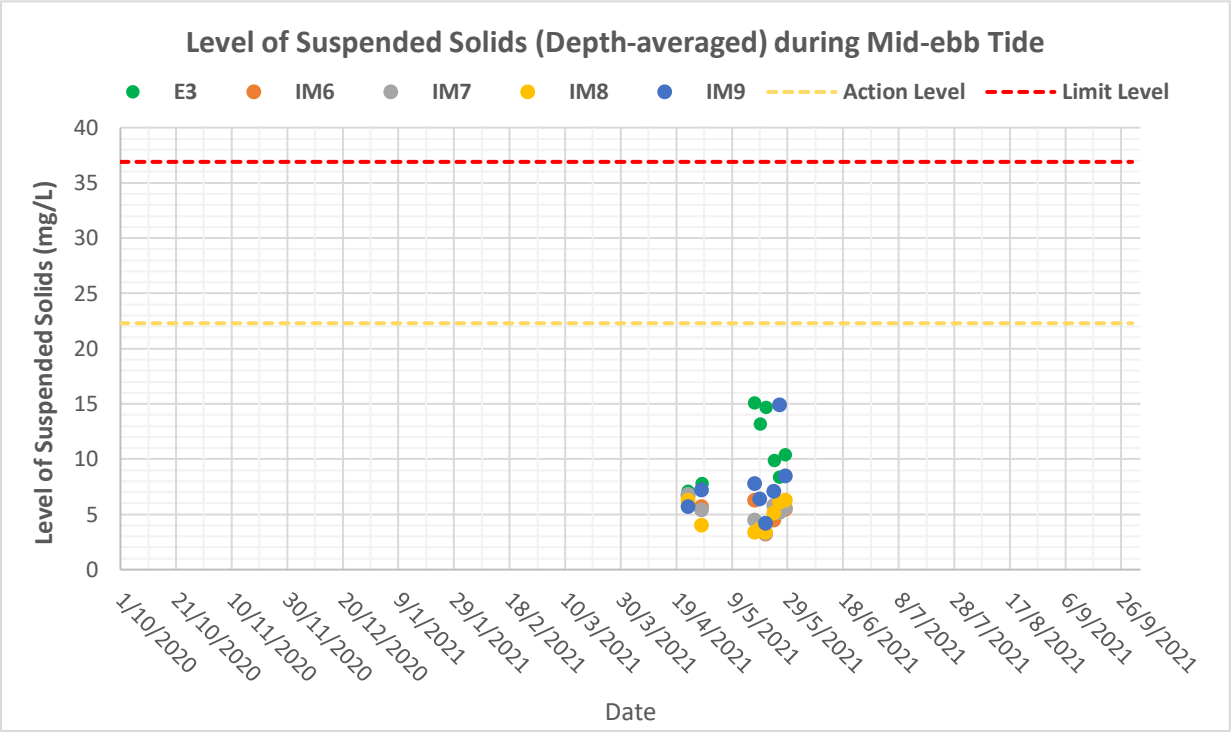


Figure F4c: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E3) and impact stations (IM6-IM9) under Group 3 during mid-ebb tides between October 2020 and September 2021

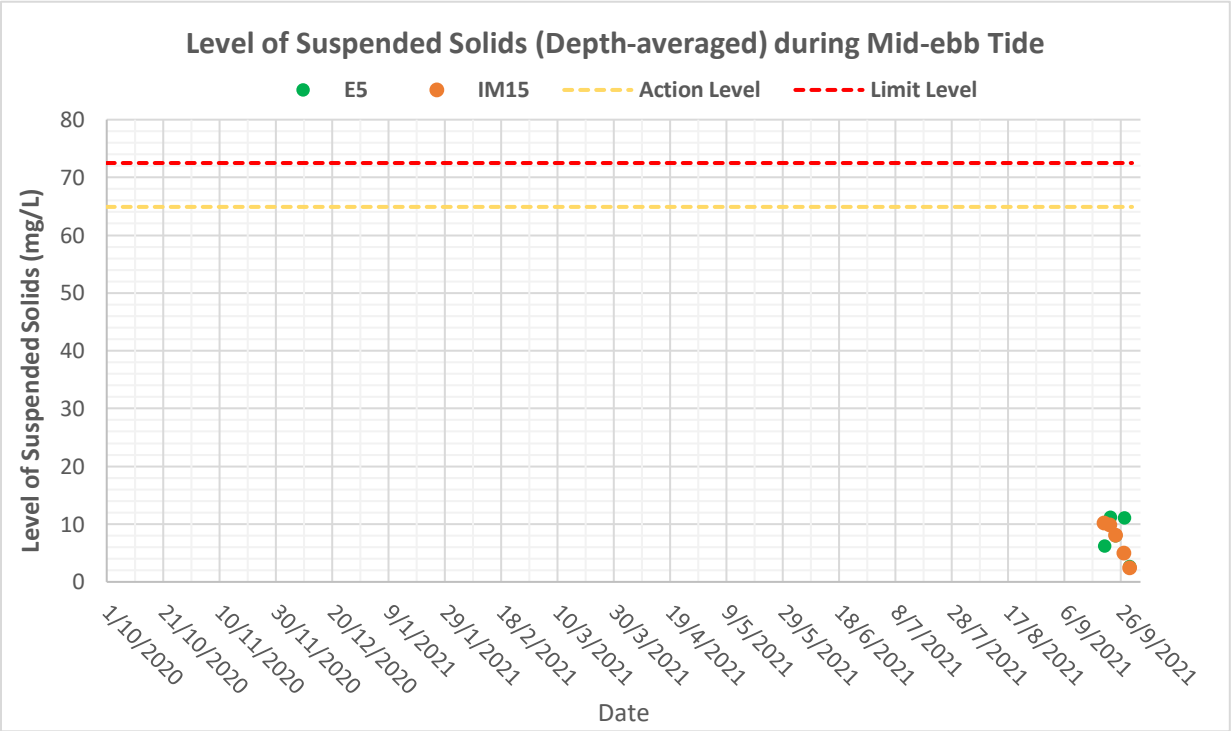


Figure F4d: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E5) and impact station (IM15) under Group 5 during mid-ebb tides between October 2020 and September 2021

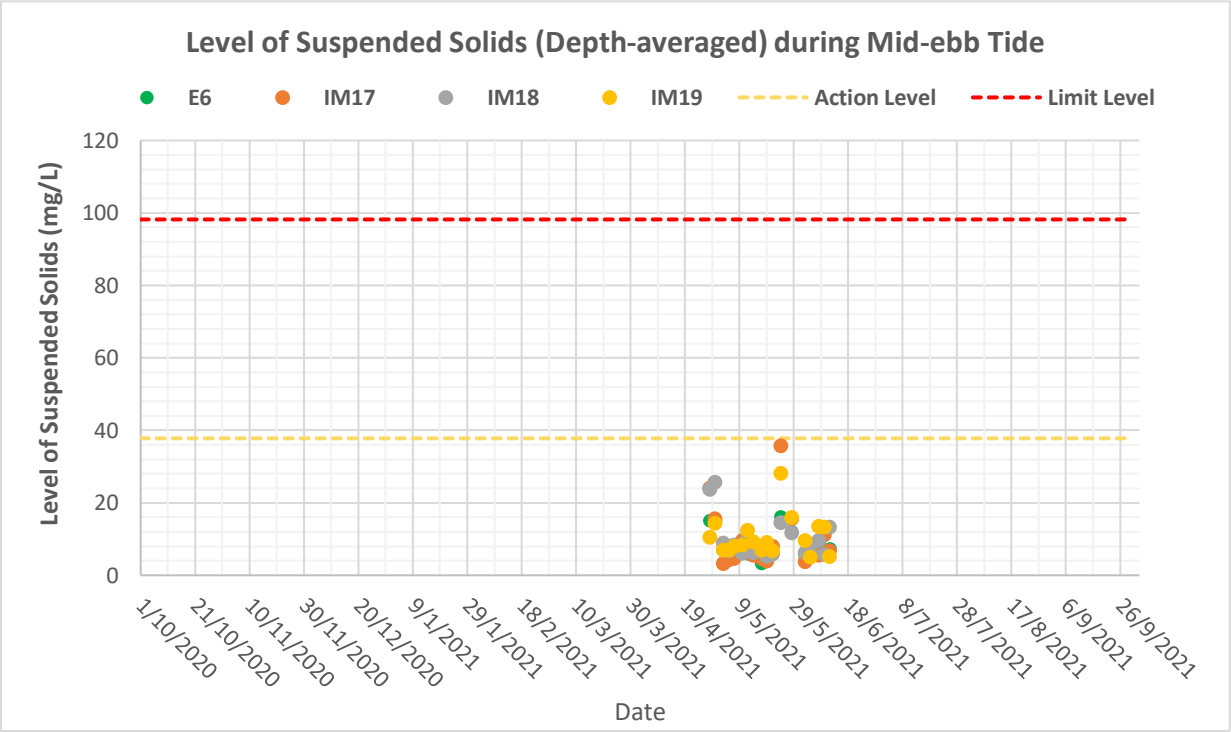


Figure F4e: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E6) and impact stations (IM17-IM19) under Group 7 during mid-ebb tides between October 2020 and September 2021

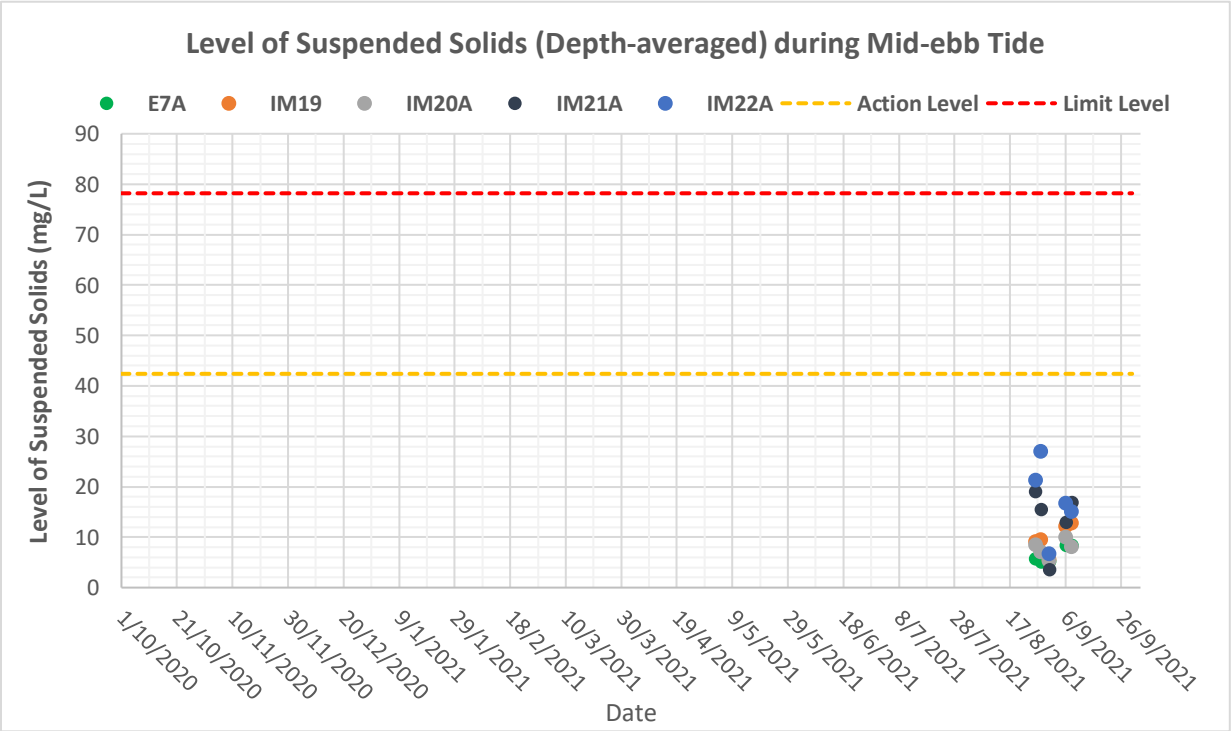


Figure F4f: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E7A) and impact stations (IM19-IM22A) under Group 8 during mid-ebb tides between October 2020 and September 2021

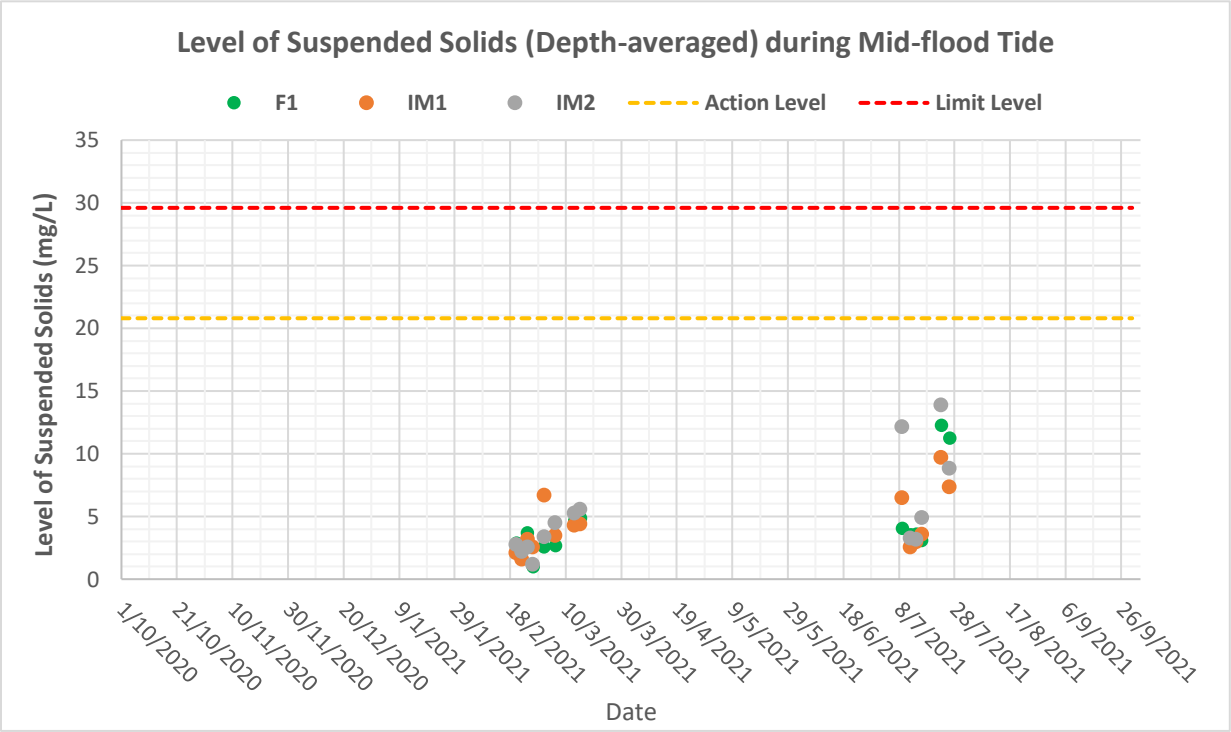


Figure F4g: Levels of Depth-averaged Suspended Solids (mg/L) at control station (F1) and impact stations (IM1-IM2) under Group 1 during mid-flood tides between October 2020 and September 2021

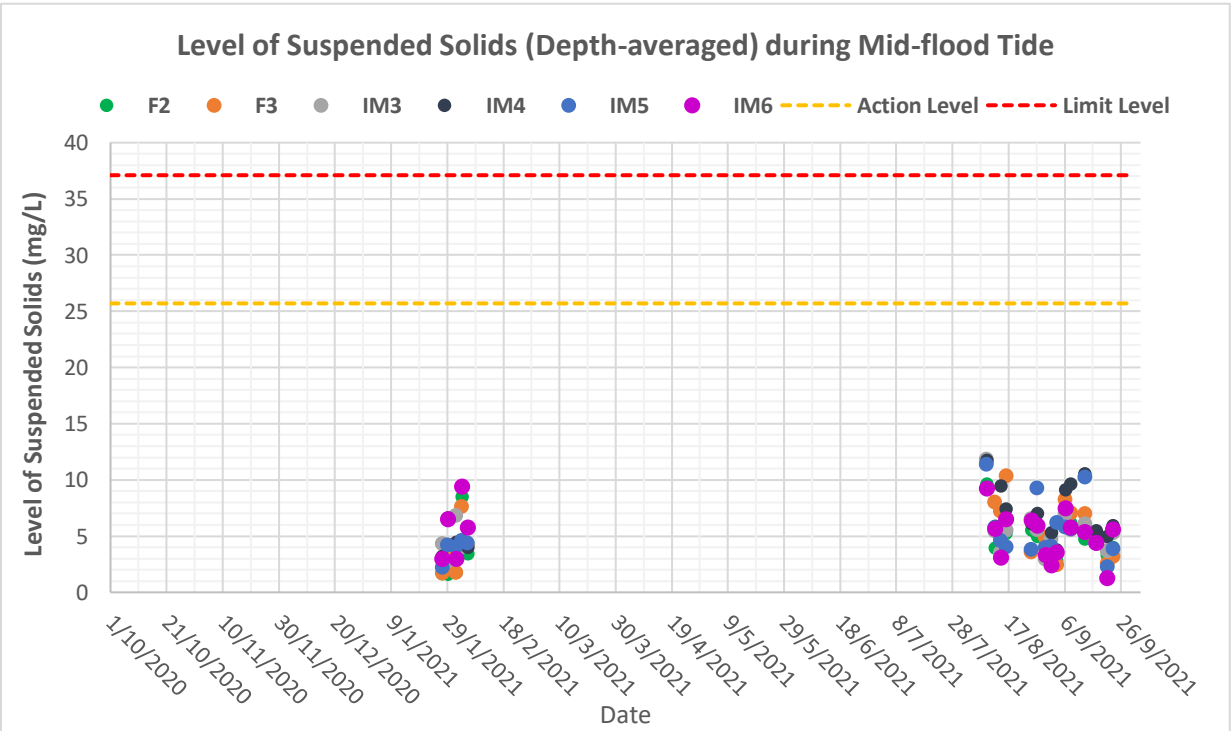


Figure F4h: Levels of Depth-averaged Suspended Solids (mg/L) at control stations (F2-F3) and impact stations (IM3-IM6) under Group 2 during mid-flood tides between October 2020 and September 2021

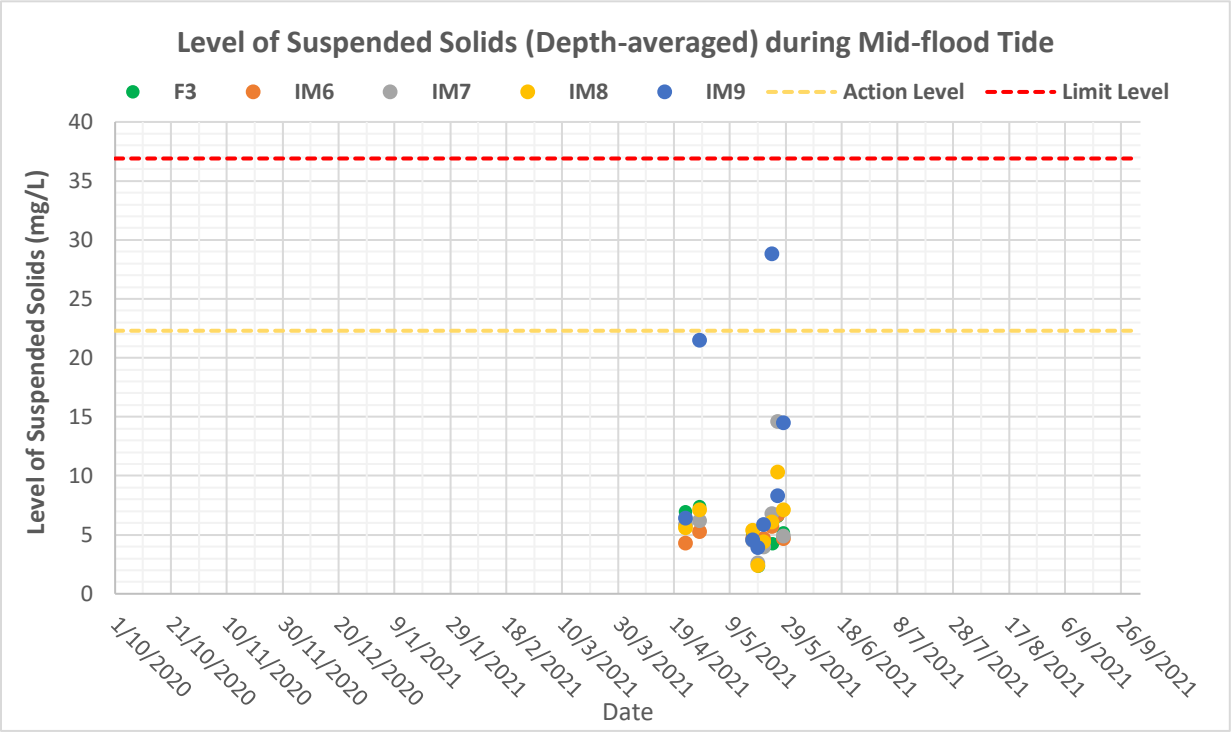


Figure F4i: Levels of Depth-averaged Suspended Solids (mg/L) at control station (F3) and impact stations (IM6-IM9) under Group 3 during mid-flood tides between October 2020 and September 2021

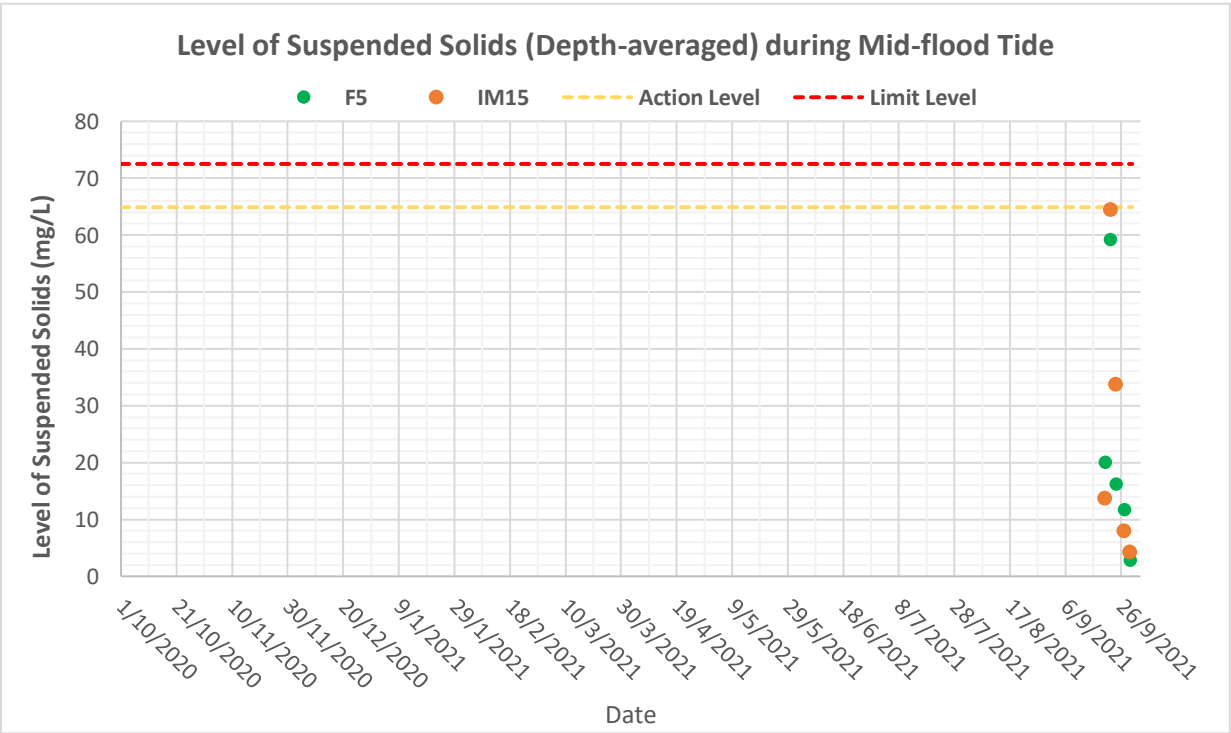


Figure F4j: Levels of Depth-averaged Suspended Solids (mg/L) at control station (F5) and impact station (IM15) under Group 5 during mid-flood tides between October 2020 and September 2021

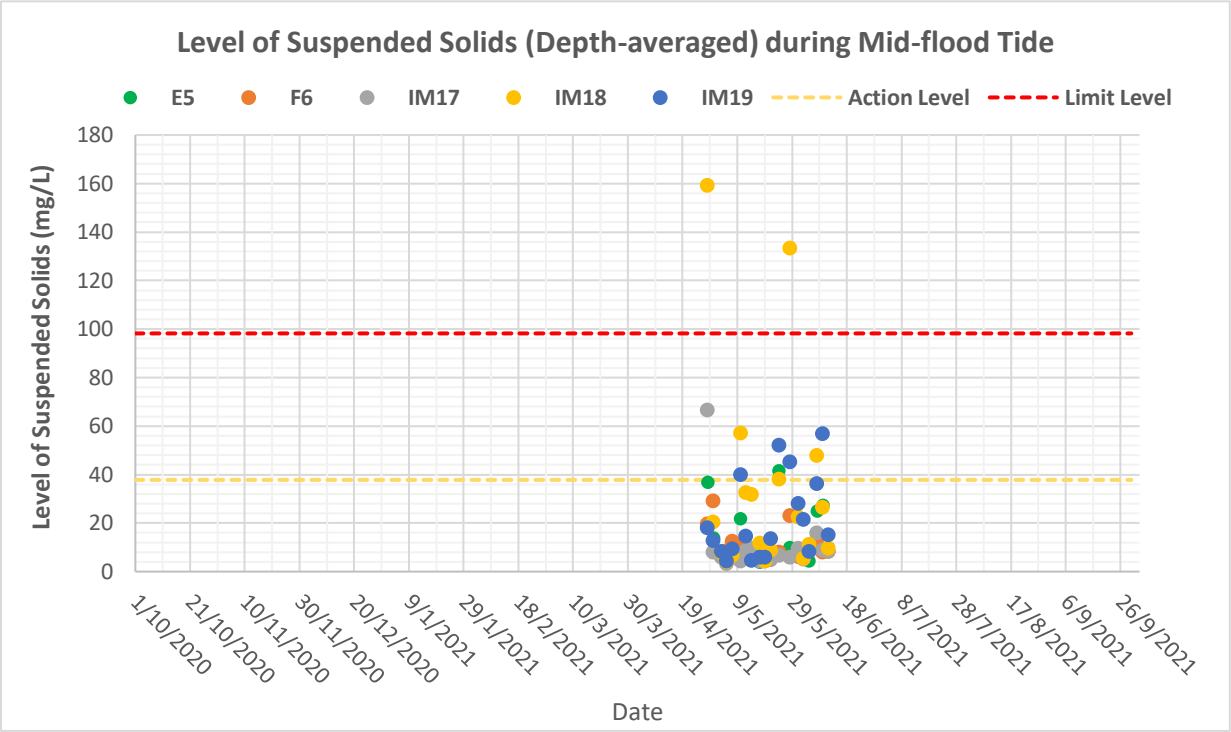


Figure F4k: Levels of Depth-averaged Suspended Solids (mg/L) at control stations (E5, F6) and impact stations (IM17-IM19) under Group 7 during mid-flood tides between October 2020 and September 2021

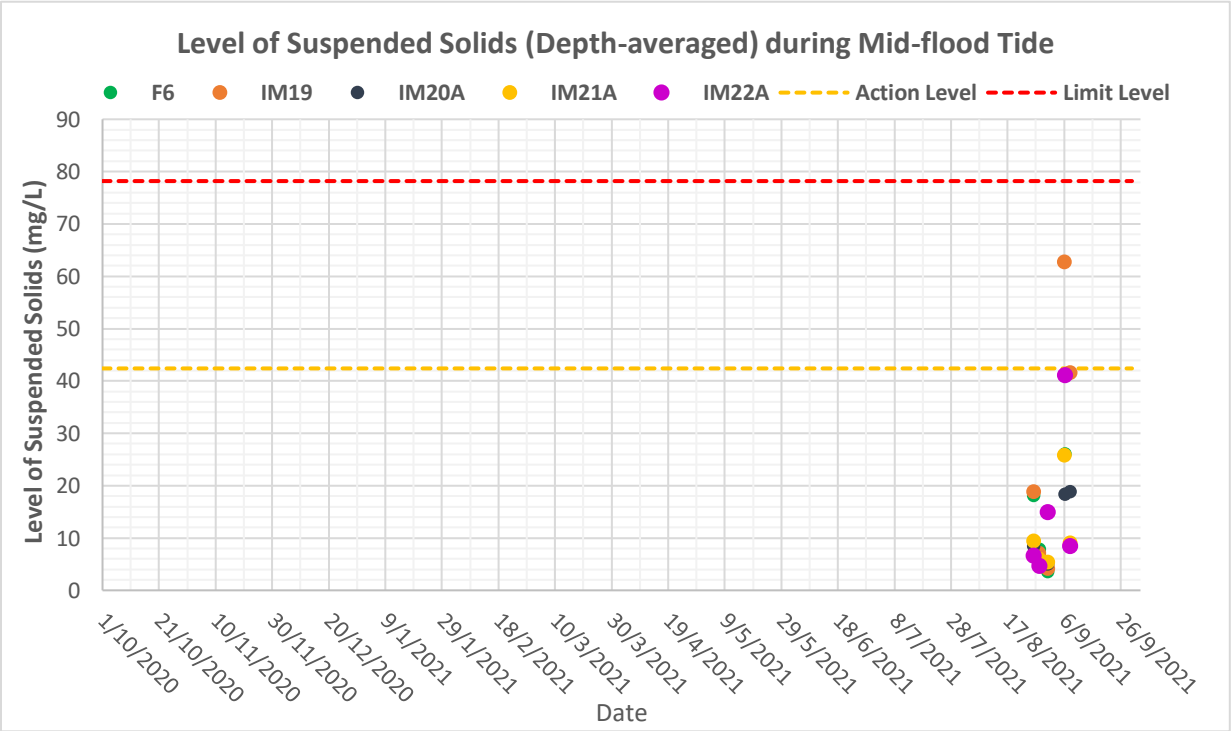


Figure F4l: Levels of Depth-averaged Suspended Solids (mg/L) at control station (F6) and impact stations (IM19-IM22A) under Group 8 during mid-flood tides between October 2020 and September 2021

Annotations:

- Key marine-based activities of the Project undertaken for construction of BPPS Pipeline included:
  i. pre-trenching works in terms of dredging operation in the vicinity of marine water quality monitoring stations under Group 3 on 24 April and 16 to 28 May 2021;
  ii. pre-trenching works in terms of dredging operation in the vicinity of marine water quality monitoring stations under Group 7 on 28 to 20 April, 1 to 26, 30, 31 May and 1 to 12 June 2021;
  iii. pre-trenching works in terms of dredging operation in the vicinity of marine water quality monitoring stations under Group 8 on 26 to 31 August, 1, 8 and 9 September 2021; and
  iv. post-trenching works in terms of jetting operation in the vicinity of marine water quality monitoring stations under Group 5 on 18 to 30 September 2021.
- Key marine-based activities of the Project undertaken for construction of LPS Pipeline included:
  i. pre-trenching works in terms of dredging operation in the vicinity of marine water quality monitoring stations under Group 2 on 1, 2 and 4 February 2021;
  ii. de-burial works by mass flow excavator in the vicinity of marine water quality monitoring stations under Group 1 on 23, 26, 27 February, 5, 6, 13, 14 and 15 March 2021.
  iii. post-trenching works in terms of jetting operation in the vicinity of marine water quality monitoring stations under Group 1 on 5, 6, 8 to 18 and 22 to 26 July 2021 (1); and
  iv. post-trenching works in terms of jetting operation in the vicinity of marine water quality monitoring stations under Group 2 on 8 to 16, 24 to 31 August, 1 to 8, 12 to 14 and 17 to 23 September 2021.
- Marine water quality monitoring was conducted at monitoring stations under Group 1 on 20, 22, 24, 26 February, 2, 6, 13, 15 March, 9, 12, 14, 16, 23 and 26 July 2021.
- Marine water quality monitoring was conducted at monitoring stations under Group 2 on 27, 29 January, 1, 3, 5 February, 9, 12, 14, 16, 25, 27, 30 August, 1, 3, 6, 8, 13, 17, 21 and 23 September 2021 (2).
- Marine water quality monitoring was conducted at monitoring stations under Group 3 on 23, 28 (3) April, 17, 19, 21, 24, 26 and 28 May 2021.
- Marine water quality monitoring was conducted at monitoring stations under Group 5 on 20, 22, 24, 27 and 29 September 2021.
- Marine water quality monitoring was conducted at monitoring stations under Group 7 on 28, 30 April, 3, 5, 7, 10, 12, 14, 17, 19, 21, 24, 26, 31 (4) May, 2, 4, 7, 9 and 11 June 2021.
- Marine water quality monitoring was conducted at monitoring stations under Group 8 on 26, 28, 31 August, 6 and 8 September 2021 (5).
- 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) Preparation works for marine jetting operation (e.g. installation of cage-type silt curtain, anchoring activities, etc.) were undertaken on 5 and 6 July 2021 while marine jetting operation commenced since 8 July 2021.

(2) 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.

(3) Marine water quality monitoring was conducted under Group 3 on 28 April 2021 as a follow-up monitoring due to the cancellation of monitoring scheduled on 26 April 2021 for marine dredging operation at Cable Sterile Corridor for BPPS Pipeline.

(4) Marine water quality monitoring during ebb tide on 31 May 2021 was cancelled due to the adverse weather at the time of monitoring event.

(5) Monitoring stations, IM20A and IM21A, were occupied by oyster rafts and crane barge, respectively, during the monitoring events since 26 August 2021. Therefore, the monitoring stations were shifted to the nearest practicable locations.

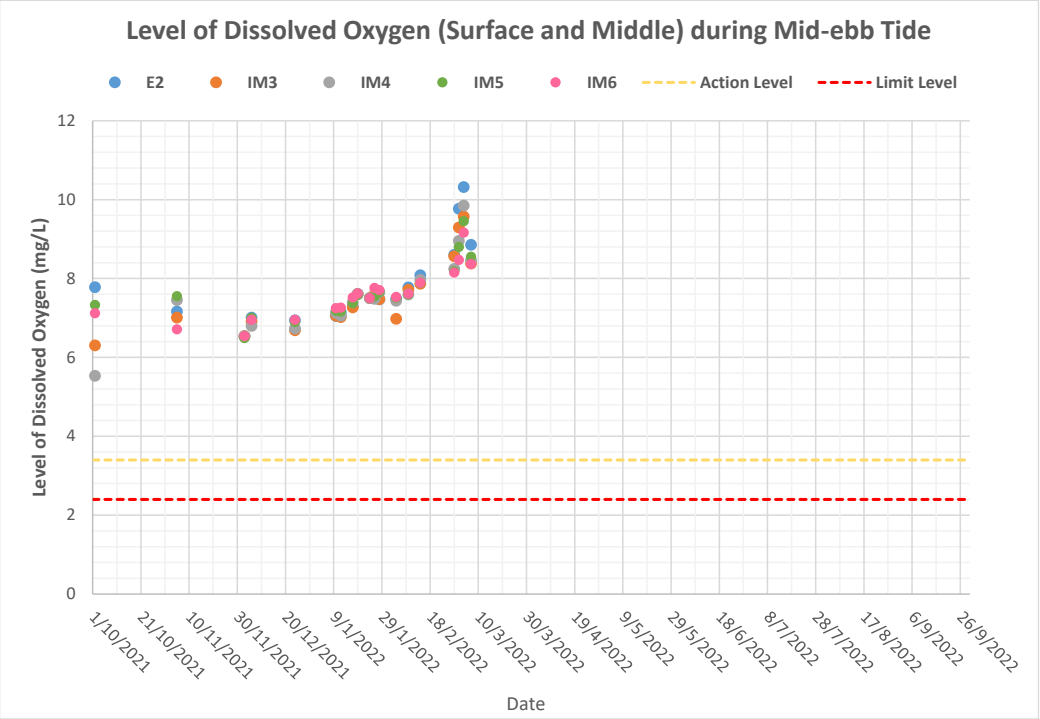


Figure F5a: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E2) and impact stations (IM3-IM6) under Group 2 during mid-ebb tides between October 2021 and September 2022

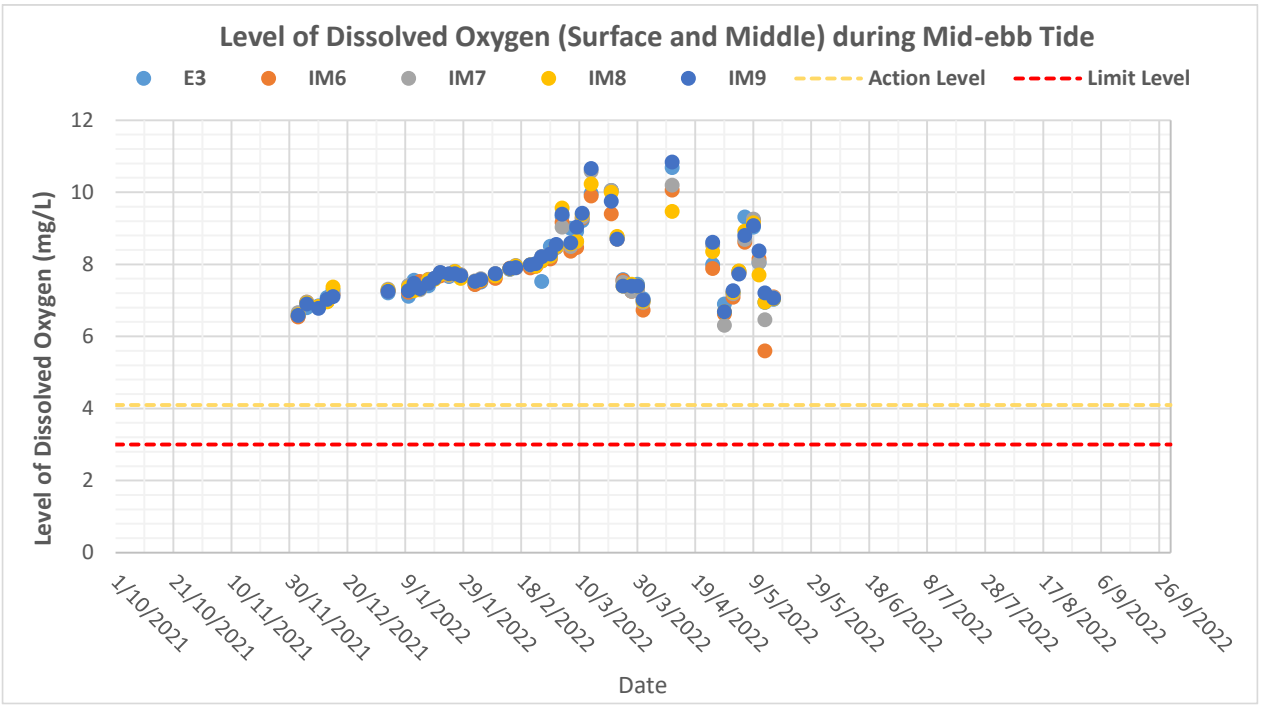


Figure F5b: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E3) and impact stations (IM6-IM9) under Group 3 during mid-ebb tides between October 2021 and September 2022

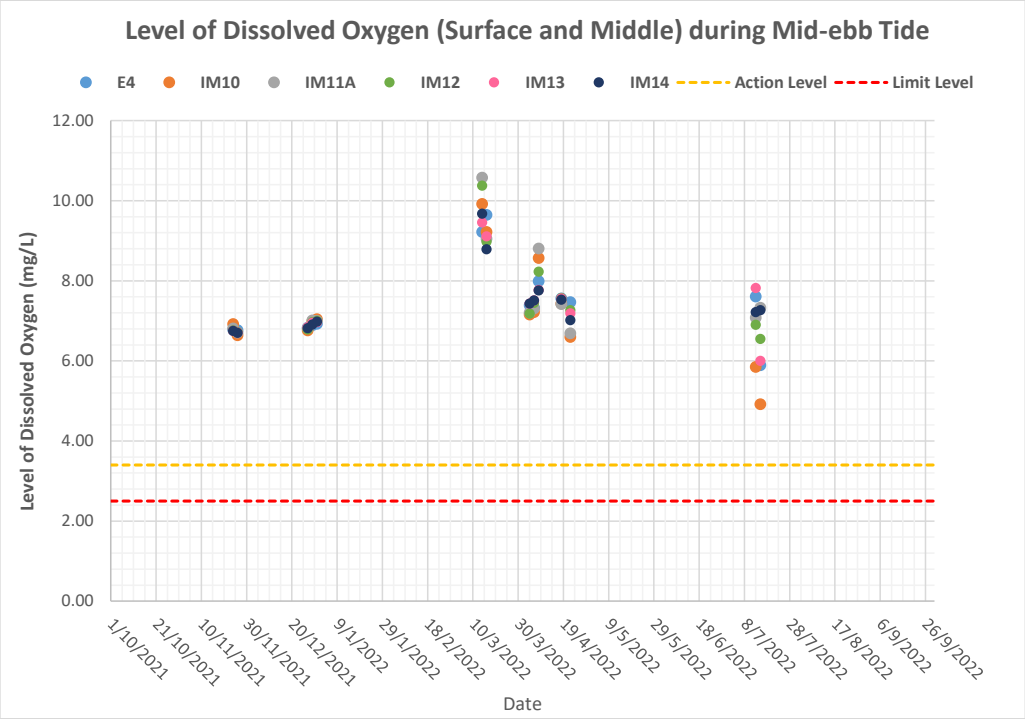


Figure F5c: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E4) and impact stations (IM10-IM14) under Group 4 during mid-ebb tides between October 2021 and September 2022

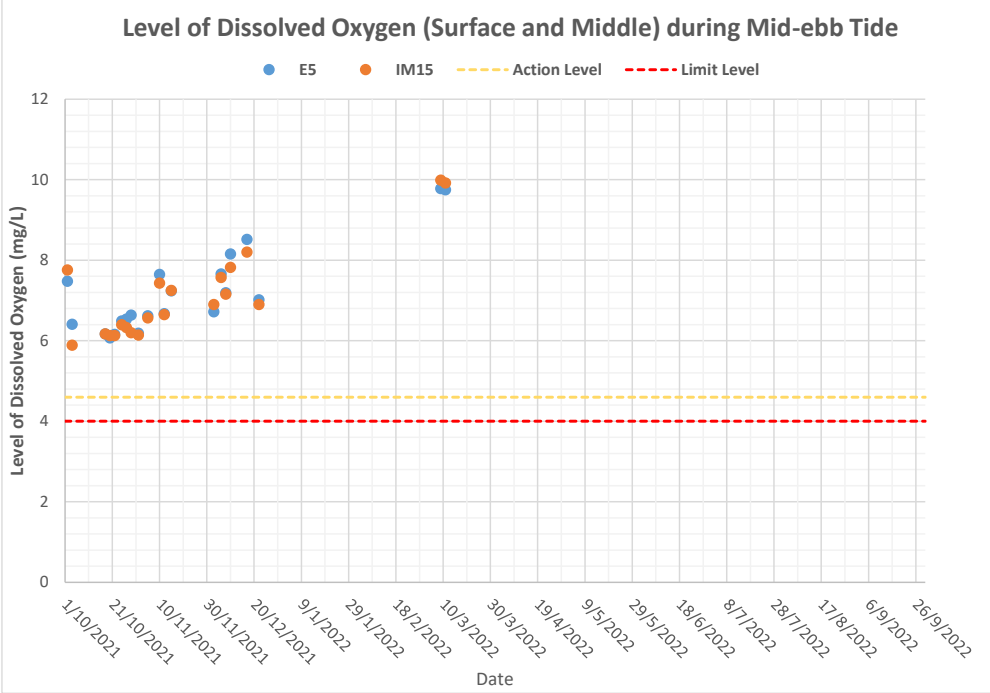


Figure F5d: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E5) and impact station (IM15) under Group 5 during mid-ebb tides between October 2021 and September 2022

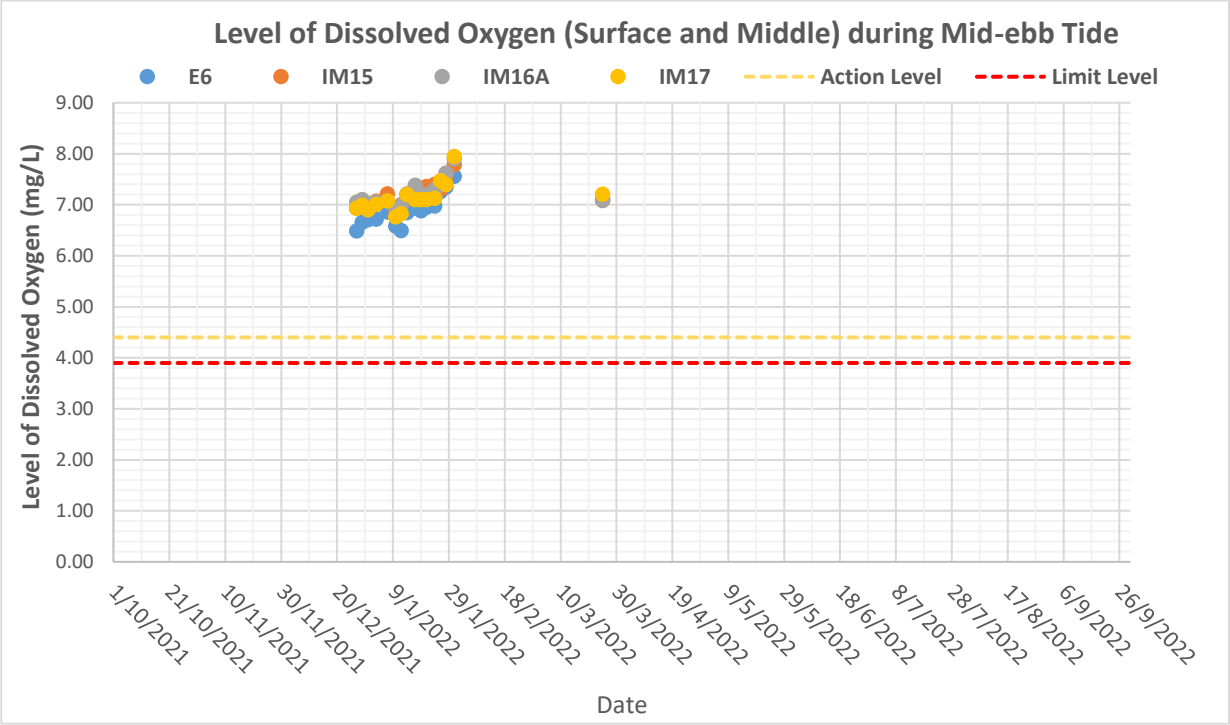


Figure F5e: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E6) and impact stations (IM15-IM17) under Group 6 during mid-ebb tides between October 2021 and September 2022

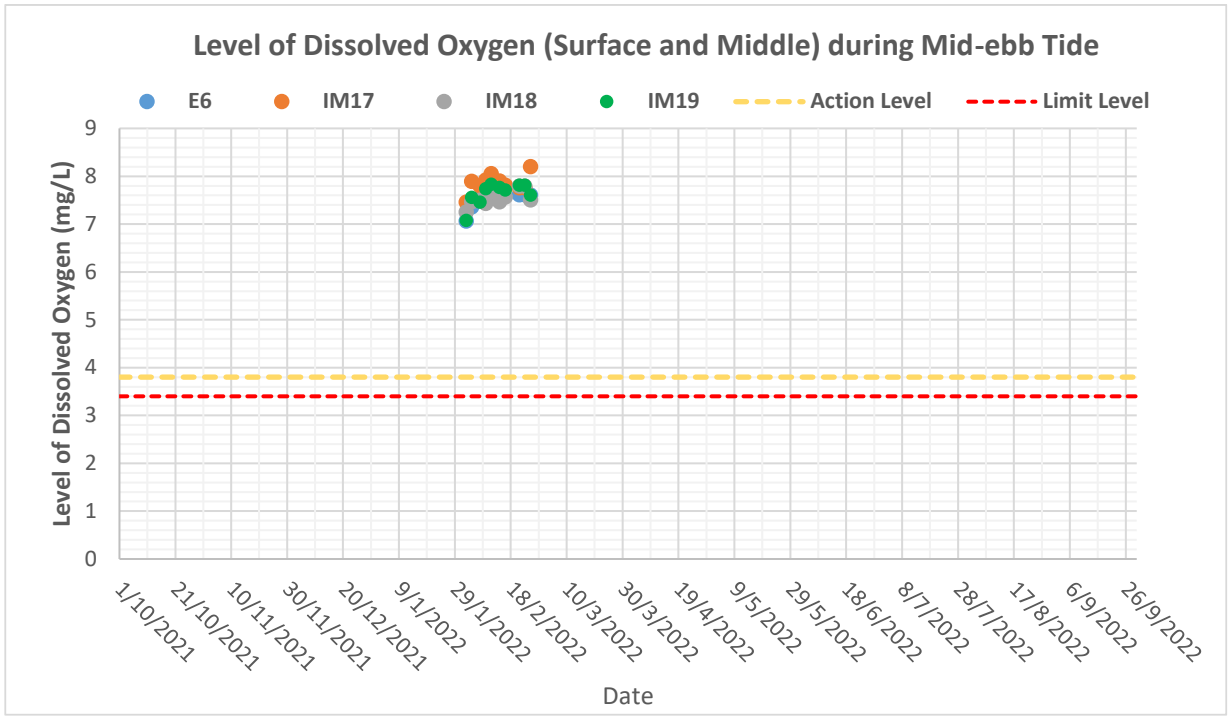


Figure F5f: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E6) and impact stations (IM17-IM19) under Group 7 during mid-ebb tides between October 2021 and September 2022

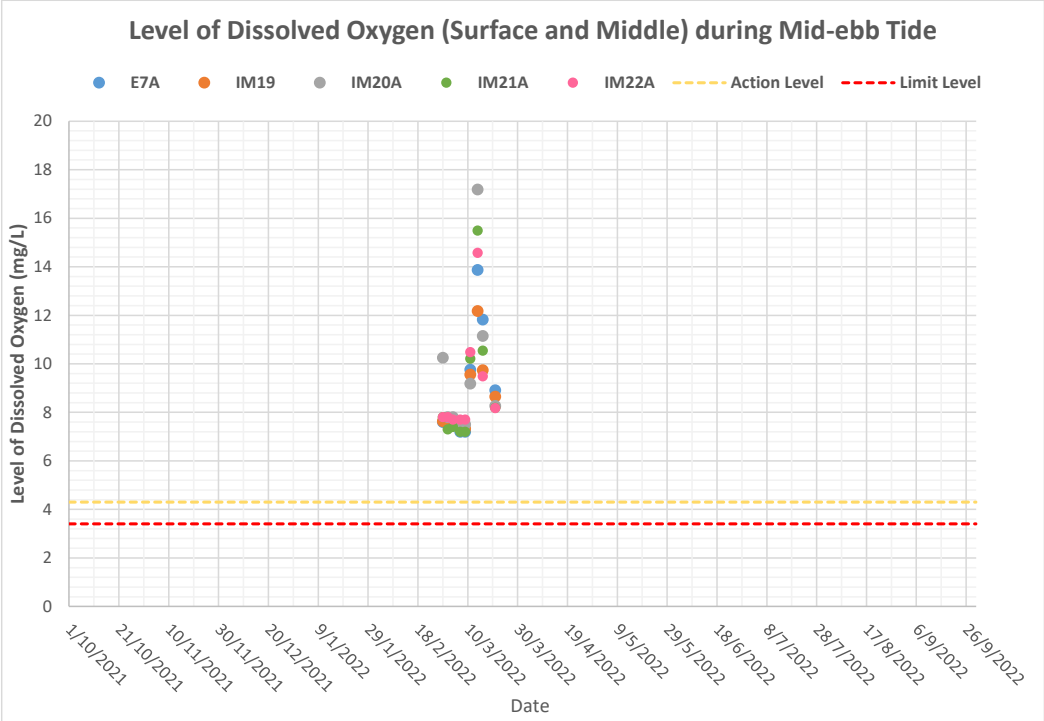


Figure F5g: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (E7A) and impact stations (IM19-IM22A) under Group 8 during mid-ebb tides between October 2021 and September 2022

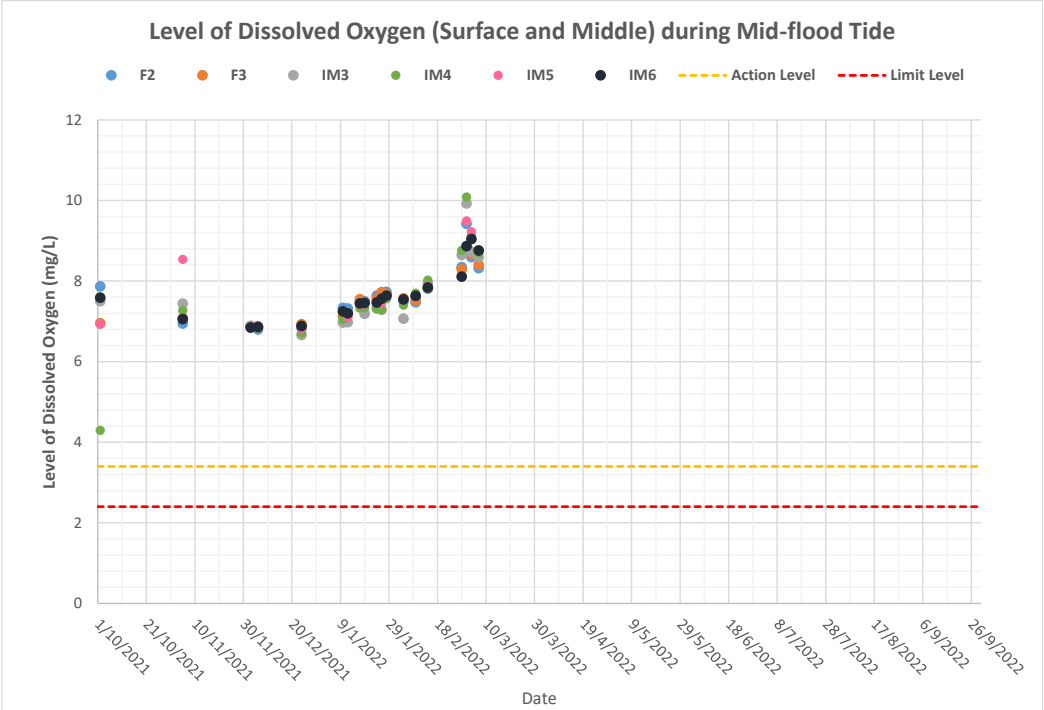


Figure F5h: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control stations (F2-F3) and impact stations (IM3-IM6) under Group 2 during mid-flood tides between October 2021 and September 2022

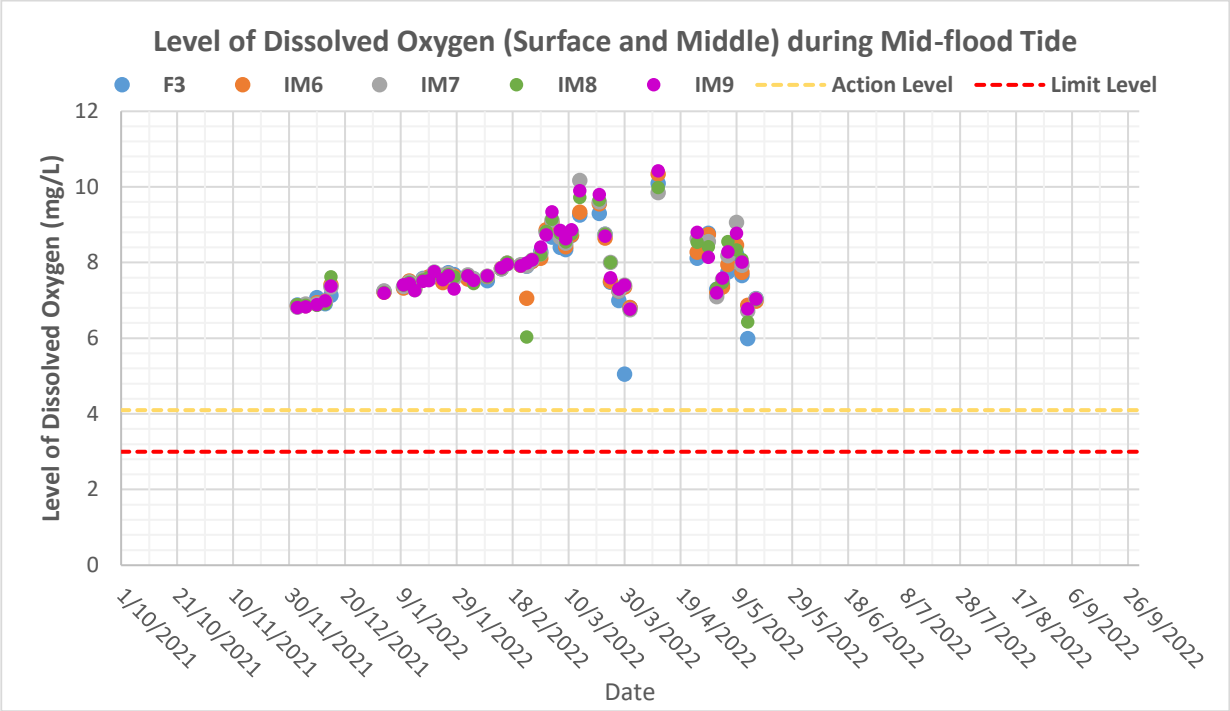


Figure F5i: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (F3) and impact stations (IM6-IM9) under Group 3 during mid-flood tides between October 2021 and September 2022

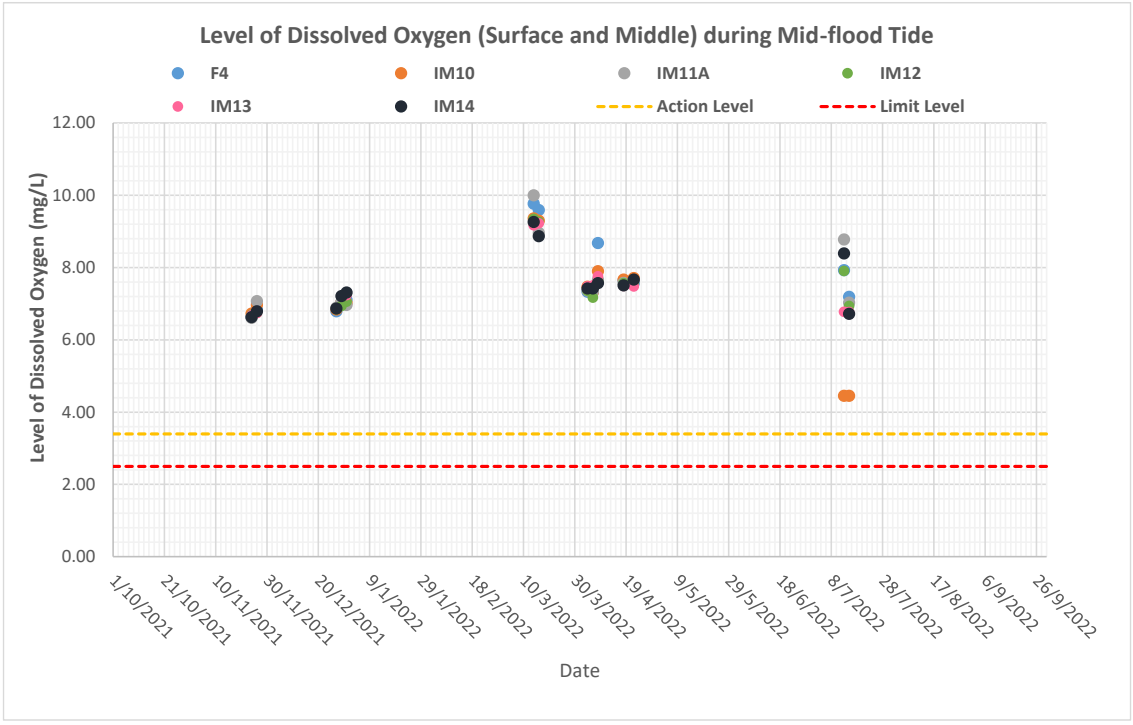


Figure F5j: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (F4) and impact stations (IM10-IM14) under Group 4 during mid-flood tides between October 2021 and September 2022

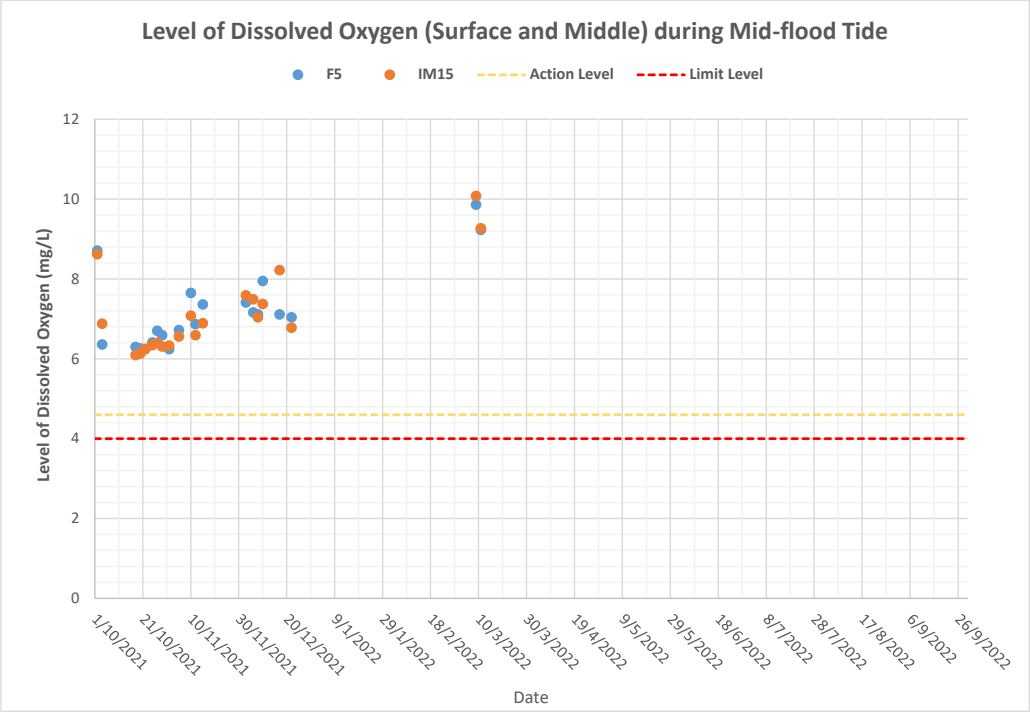


Figure F5k: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (F5) and impact station (IM15) under Group 5 during mid-flood tides between October 2021 and September 2022

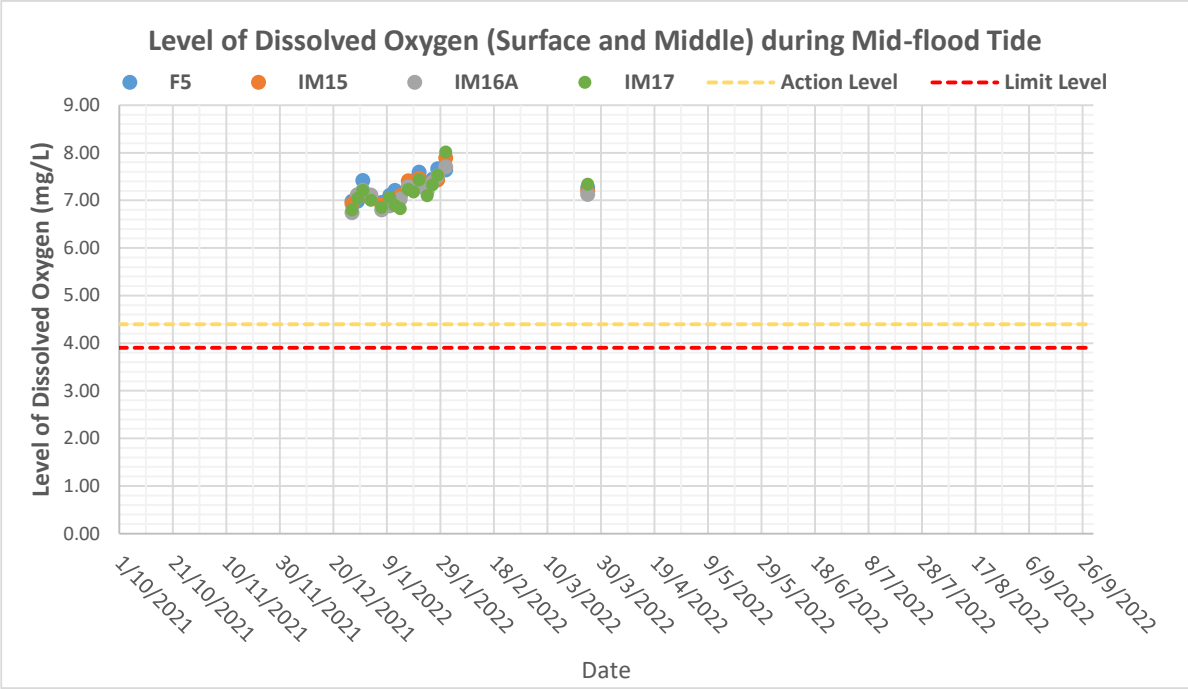


Figure F5l: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (F5) and impact station (IM15) under Group 6 during mid-flood tides between October 2021 and September 2022

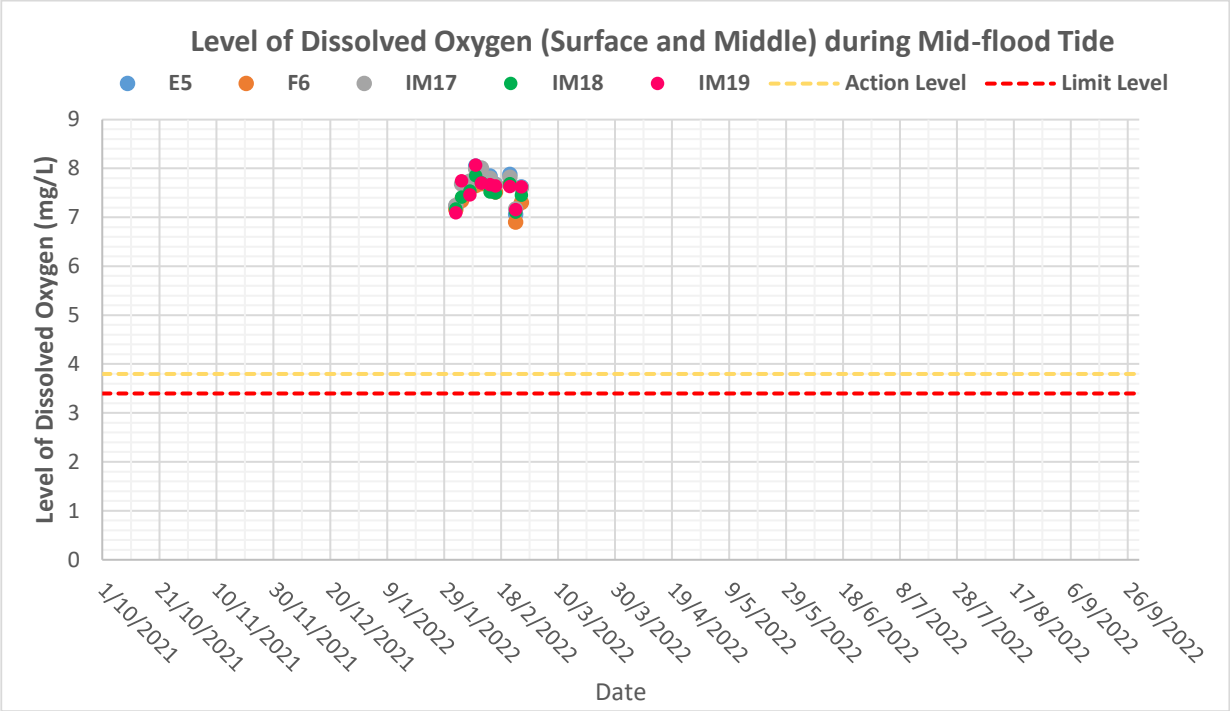


Figure F5m: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control stations (E5, F6) and impact stations (IM17-IM19) under Group 7 during mid-flood tides between October 2021 and September 2022

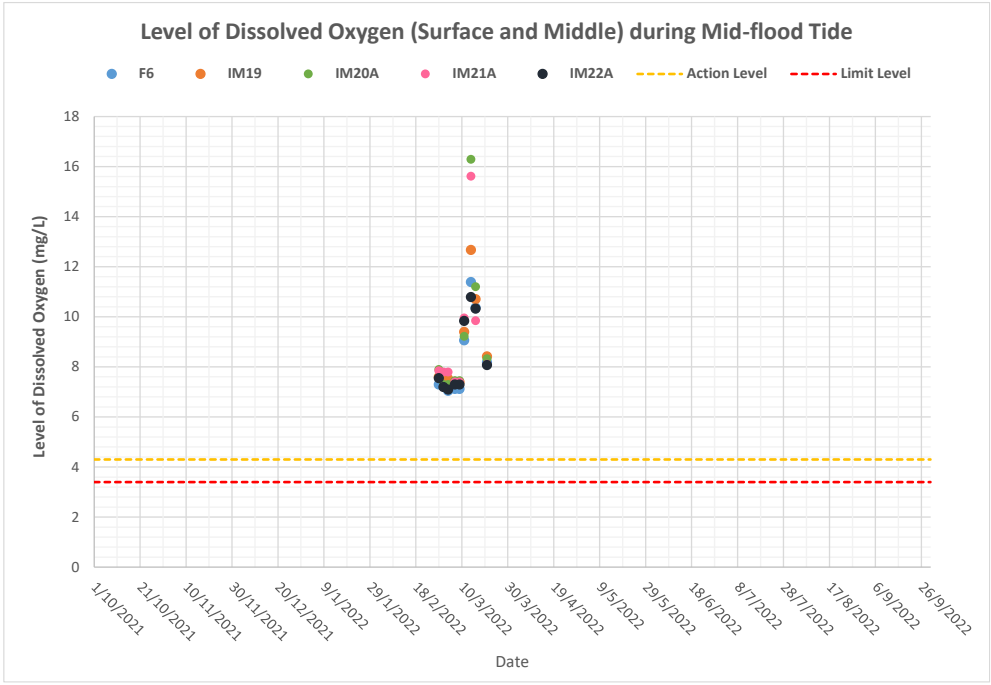


Figure F5n: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control station (F6) and impact stations (IM19-IM22A) under Group 8 during mid-flood tides between October 2021 and September 2022

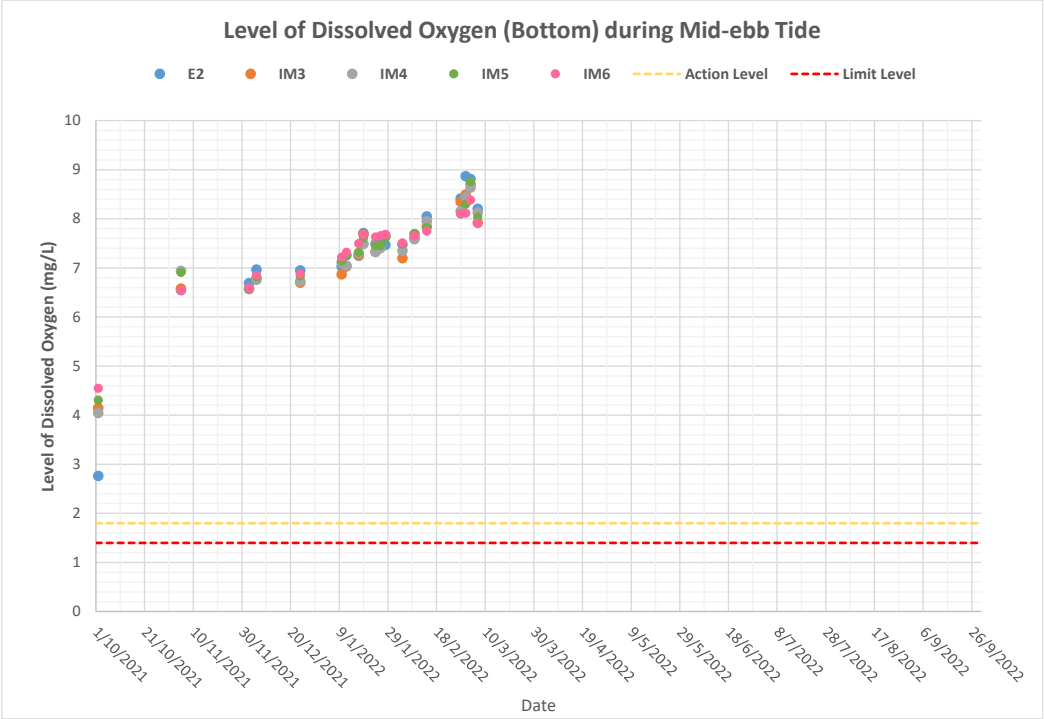


Figure F6a: Levels of Bottom Dissolved Oxygen (mg/L) at control station (E2) and impact stations (IM3-IM6) under Group 2 during mid-ebb tides between October 2021 and September 2022

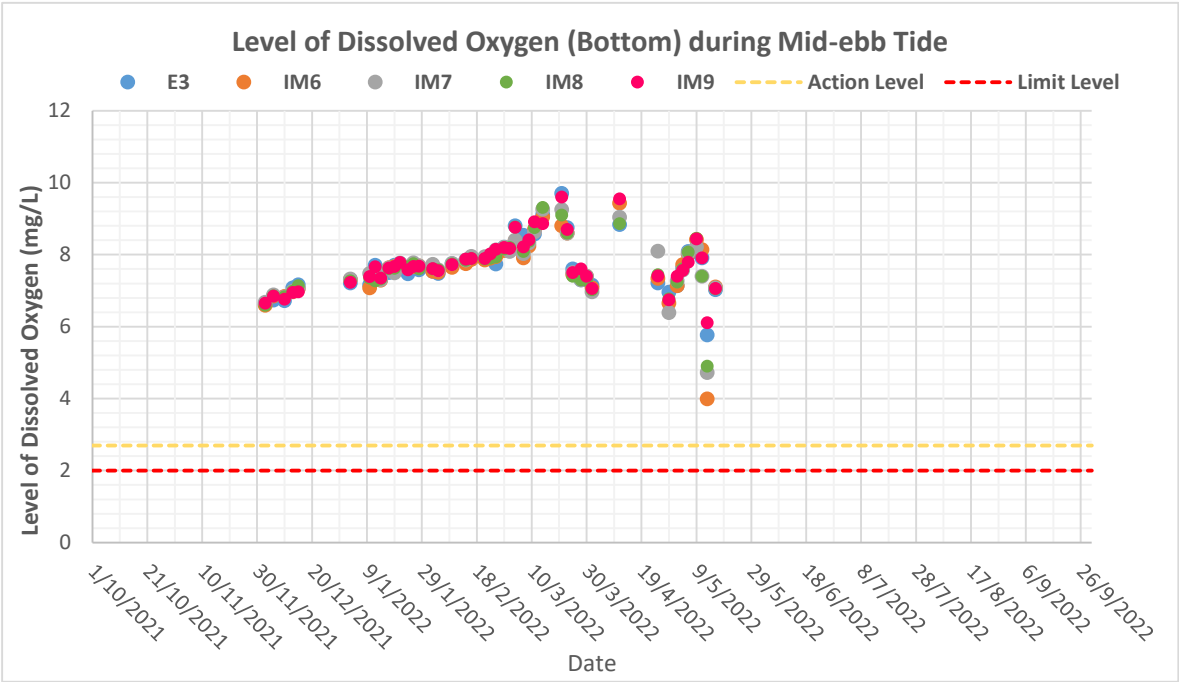


Figure F6b: Levels of Bottom Dissolved Oxygen (mg/L) at control station (E3) and impact stations (IM6-IM9) under Group 3 during mid-ebb tides between October 2021 and September 2022

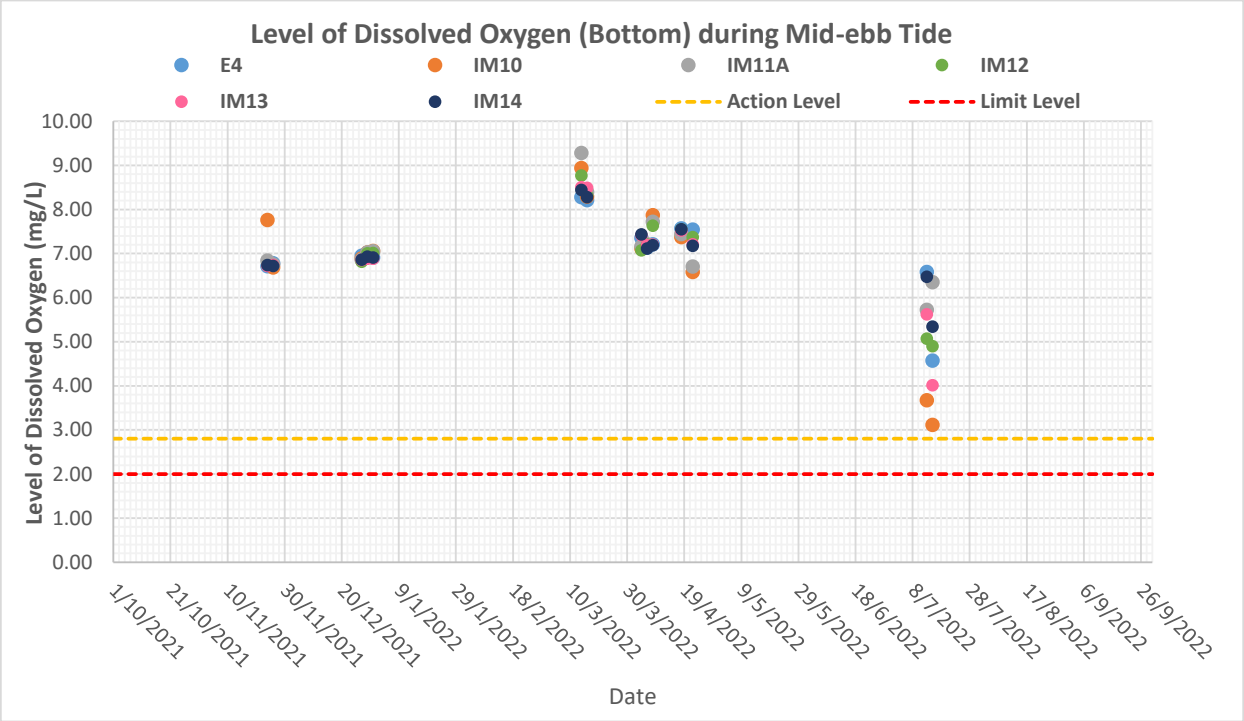


Figure F6c: Levels of Bottom Dissolved Oxygen (mg/L) at control station (E4) and impact stations (IM10-IM14) under Group 4 during mid-ebb tides between October 2021 and September 2022

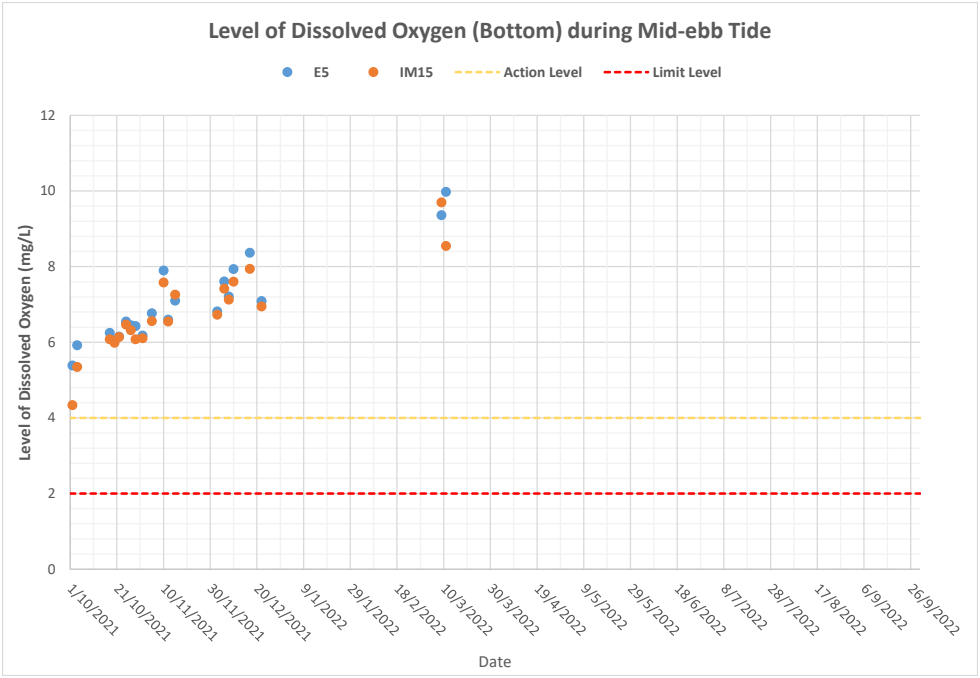


Figure F6d: Levels of Bottom Dissolved Oxygen (mg/L) at control station (E5) and impact station (IM15) under Group 5 during mid-ebb tides between October 2021 and September 2022

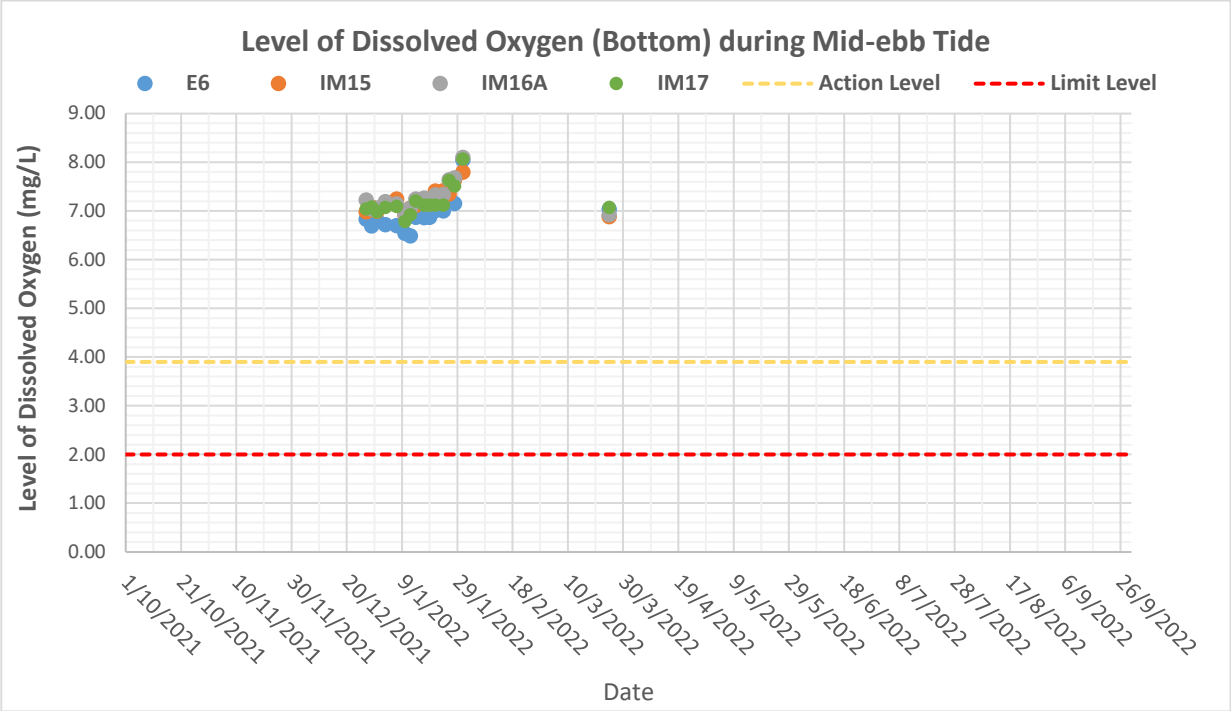


Figure F6e: Levels of Bottom Dissolved Oxygen (mg/L) at control station (E6) and impact stations (IM15-IM17) under Group 6 during mid-ebb tides between October 2021 and September 2022

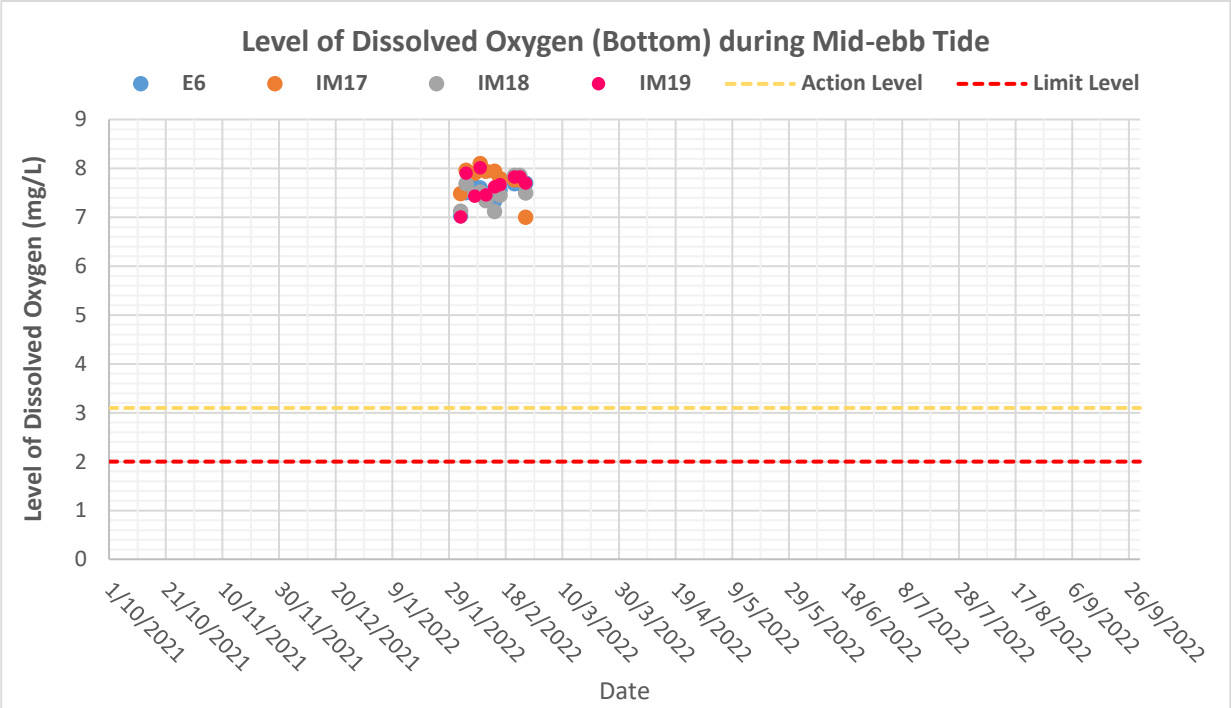


Figure F6f: Levels of Bottom Dissolved Oxygen (mg/L) at control station (E6) and impact stations (IM17-IM19) under Group 7 during mid-ebb tides between October 2021 and September 2022

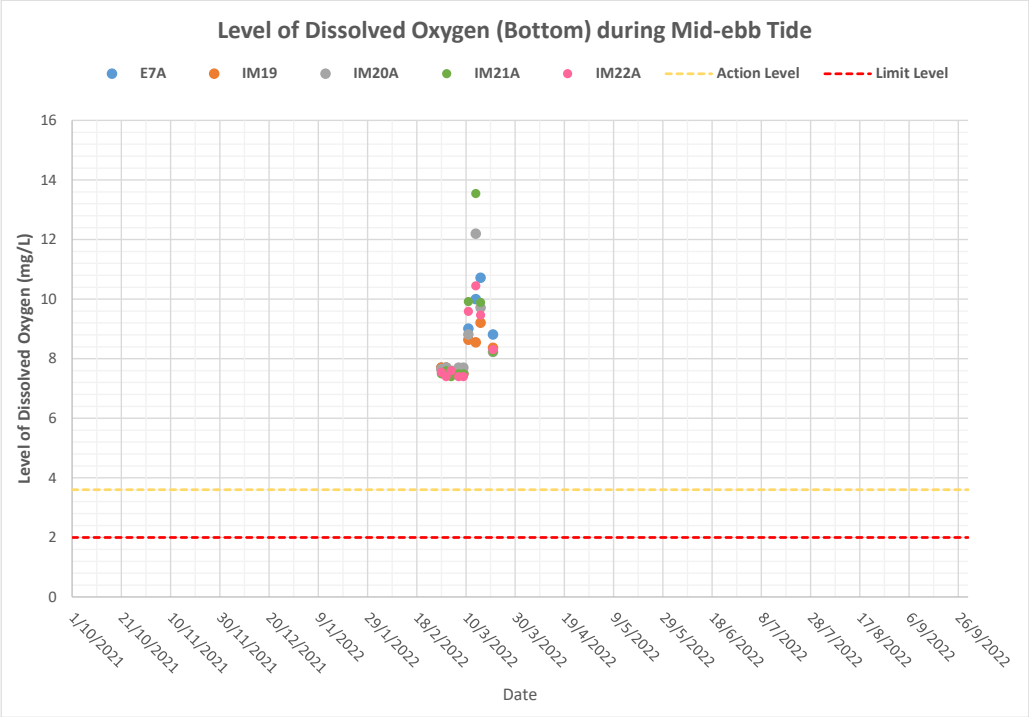


Figure F6g: Levels of Bottom Dissolved Oxygen (mg/L) at control station (E7A) and impact stations (IM19-IM22A) under Group 8 during mid-ebb tides between October 2021 and September 2022

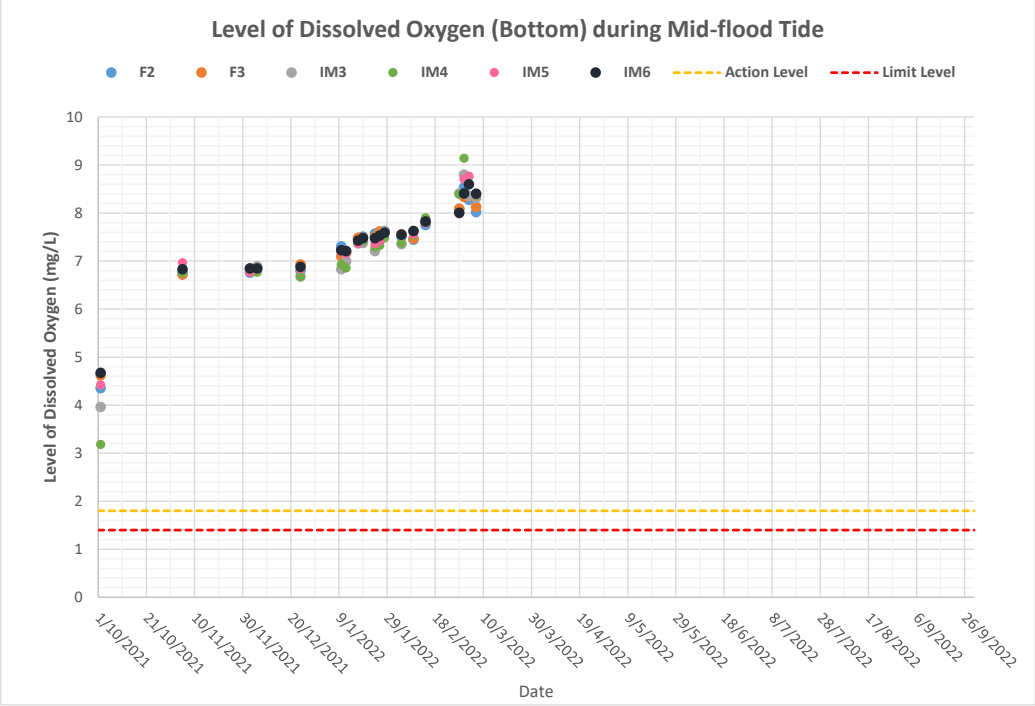


Figure F6h: Levels of Bottom Dissolved Oxygen (mg/L) at control stations (F2-F3) and impact stations (IM3-IM6) under Group 2 during mid-flood tides between October 2021 and September 2022

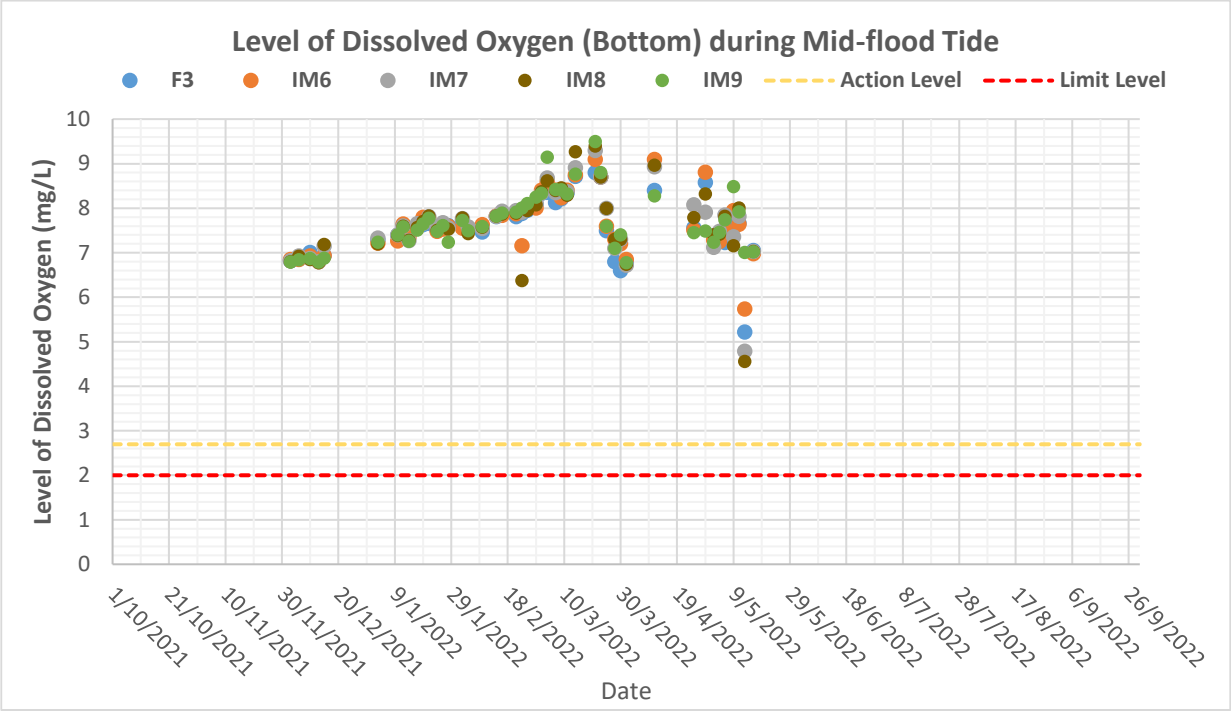


Figure F6i: Levels of Bottom Dissolved Oxygen (mg/L) at control station (F3) and impact stations (IM6-IM9) under Group 3 during mid-flood tides between October 2021 and September 2022

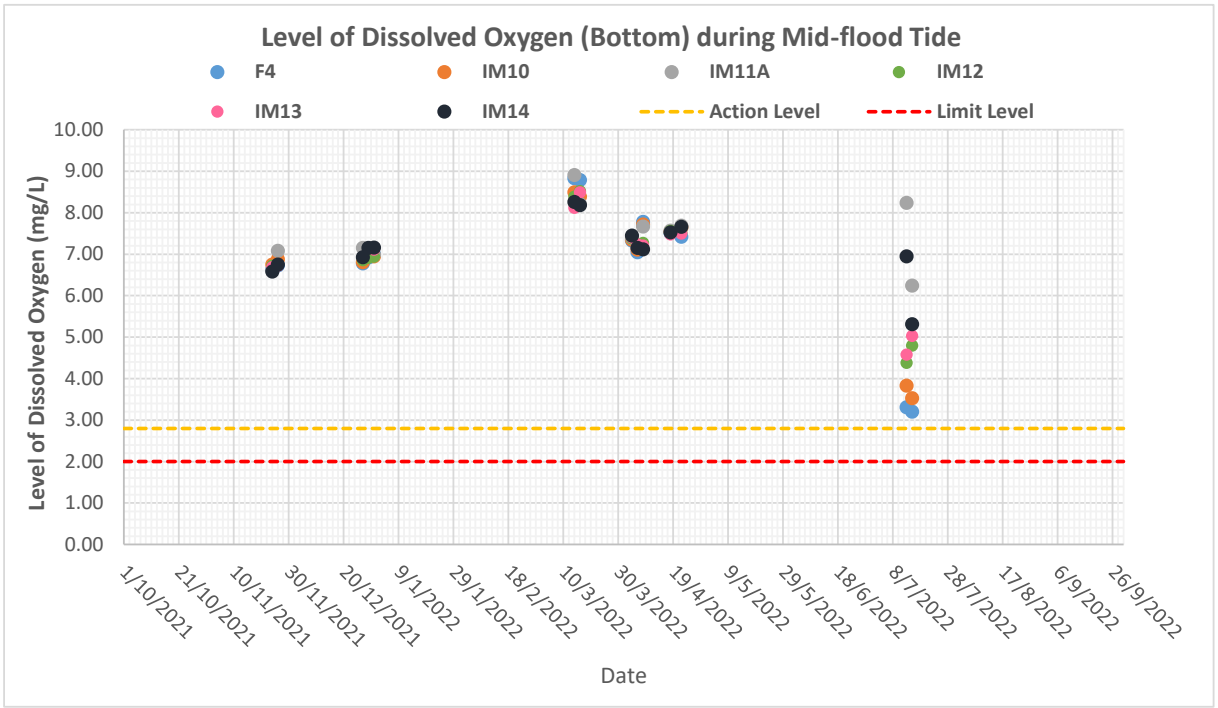


Figure F6j: Levels of Bottom Dissolved Oxygen (mg/L) at control station (F4) and impact stations (IM10-IM14) under Group 4 during mid-flood tides between October 2021 and September 2022

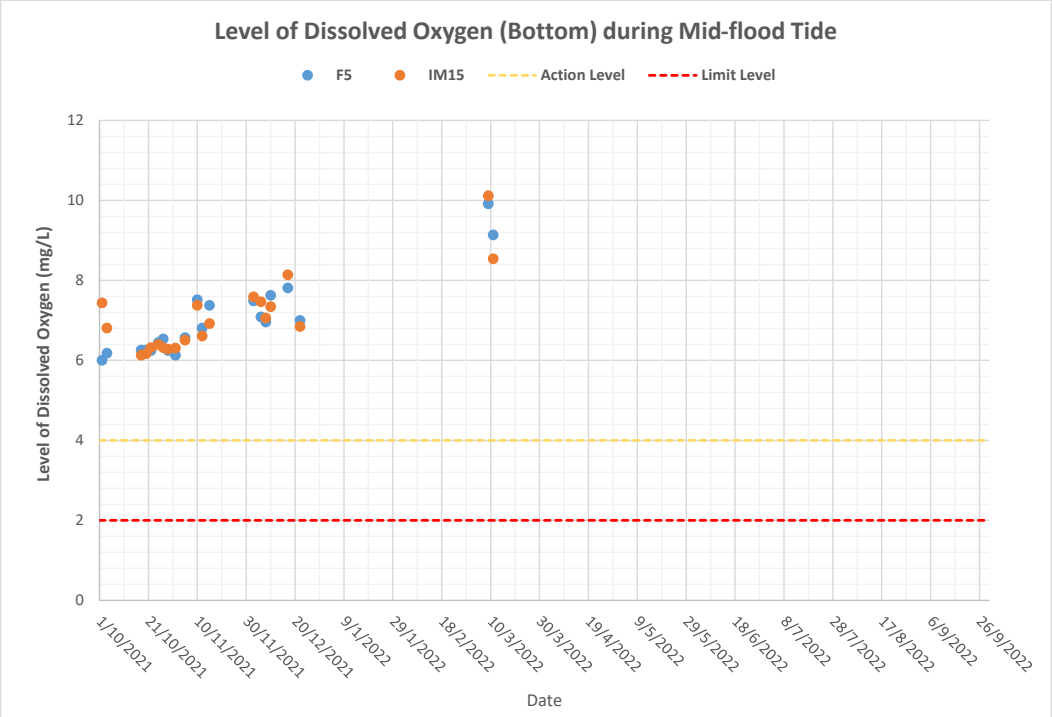


Figure F6k: Levels of Bottom Dissolved Oxygen (mg/L) at control station (F5) and impact station (IM15) under Group 5 during mid-flood tides between October 2021 and September 2022

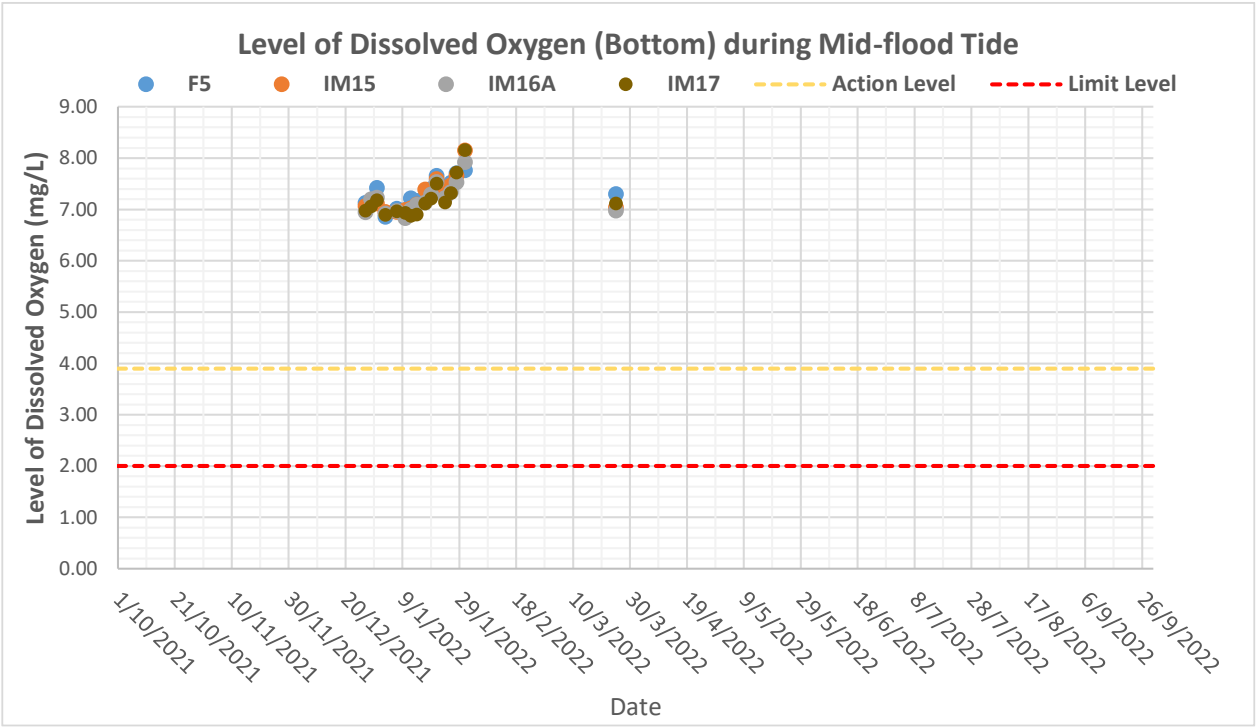


Figure F6l: Levels of Bottom Dissolved Oxygen (mg/L) at control station (F5) and impact station (IM15) under Group 6 during mid-flood tides between October 2021 and September 2022

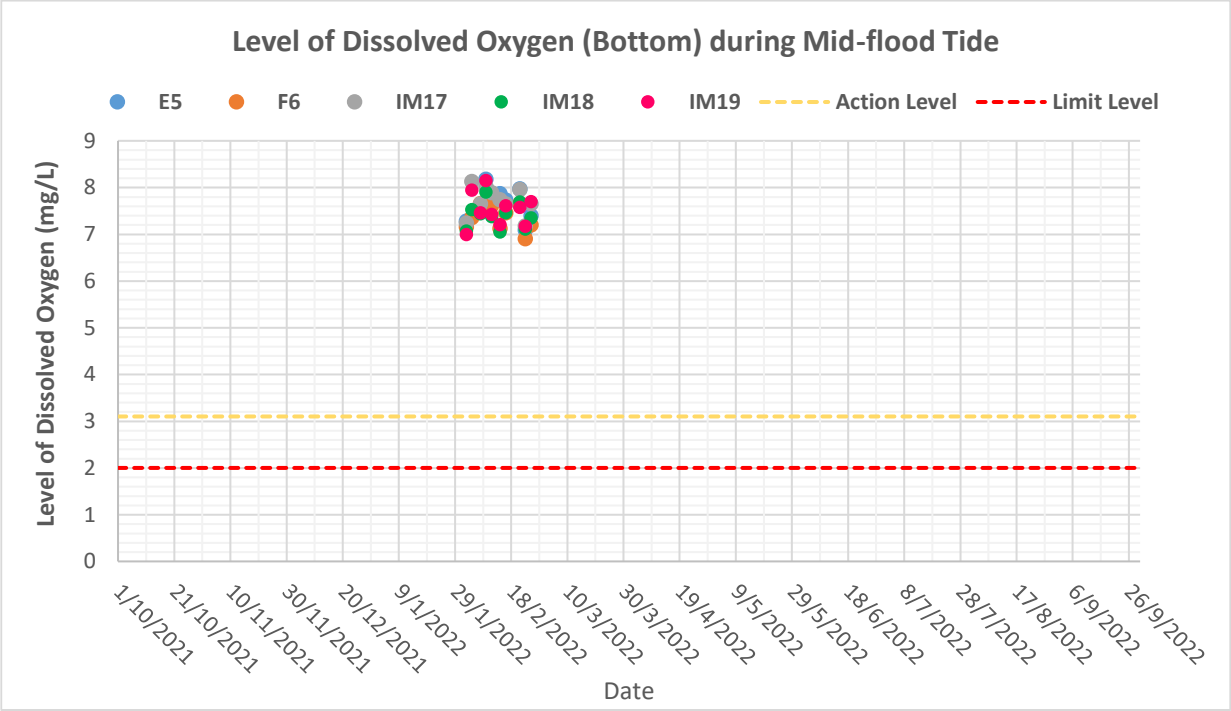


Figure F6m: Levels of Bottom Dissolved Oxygen (mg/L) at control stations (E5, F6) and impact stations (IM17-IM19) under Group 7 during mid-flood tides between October 2021 and September 2022

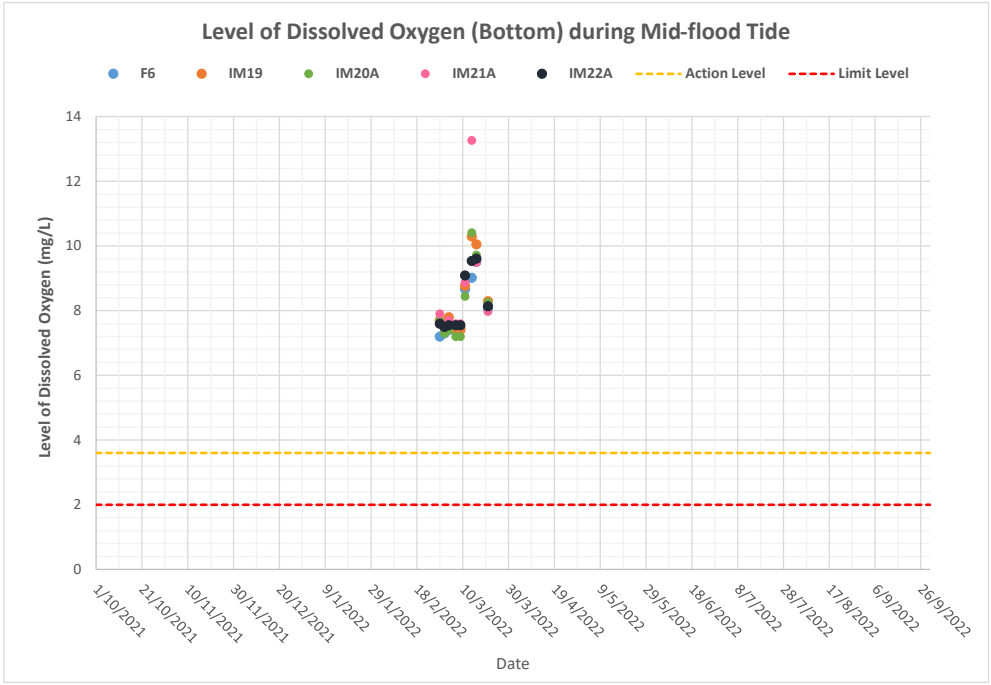


Figure F6n: Levels of Bottom Dissolved Oxygen (mg/L) at control station (F6) and impact stations (IM19-IM22A) under Group 8 during mid-flood tides between October 2021 and September 2022

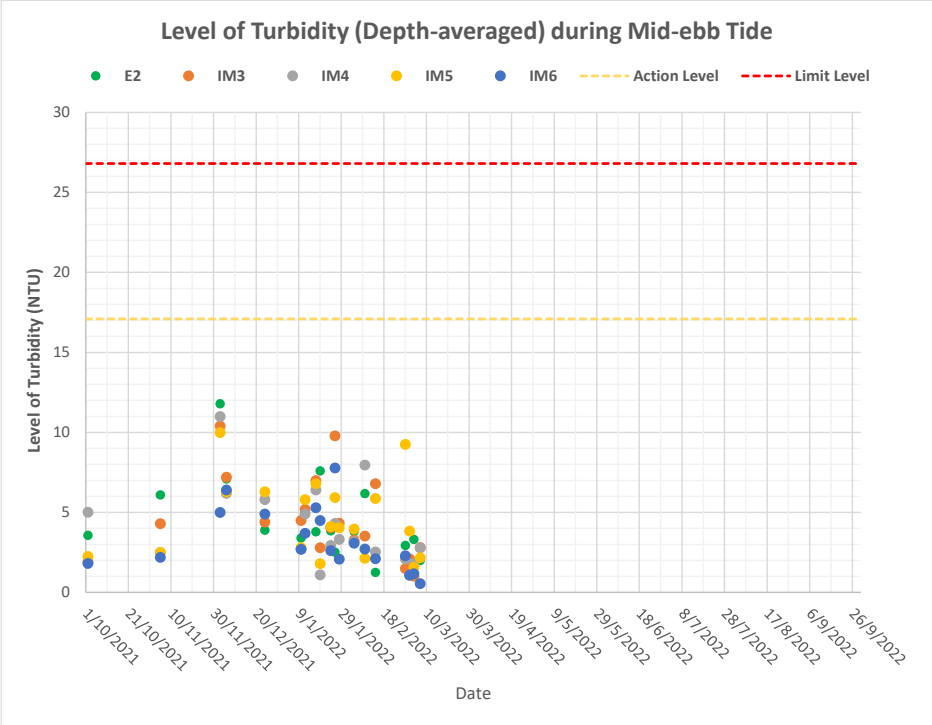


Figure F7a: Levels of Depth-averaged Turbidity (NTU) at control station (E2) and impact stations (IM3-IM6) under Group 2 during mid-ebb tides between October 2021 and September 2022

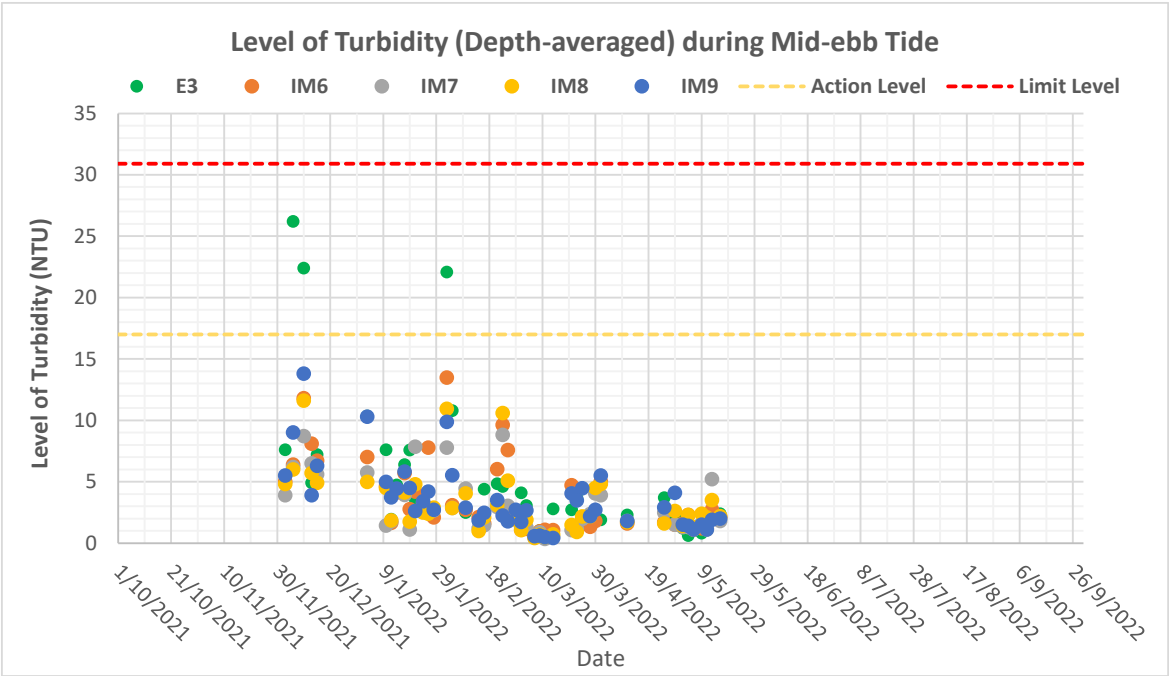


Figure F7b: Levels of Depth-averaged Turbidity (NTU) at control station (E3) and impact stations (IM6-IM9) under Group 3 during mid-ebb tides between October 2021 and September 2022

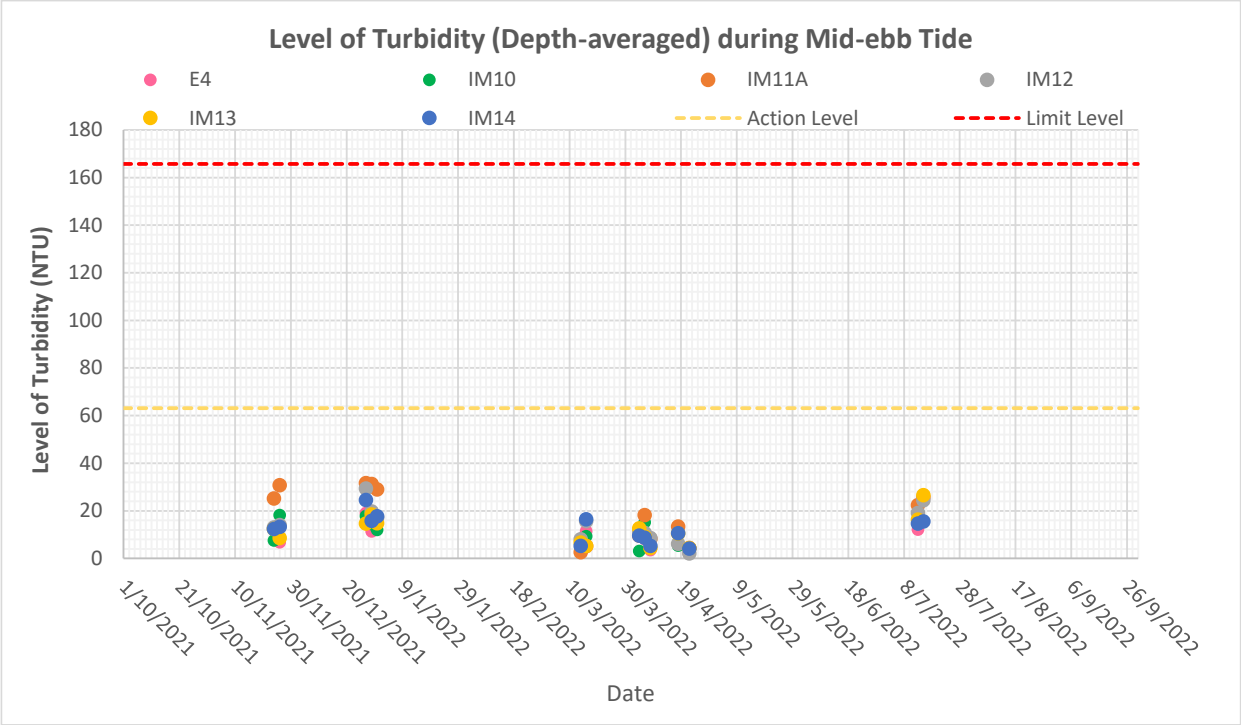


Figure F7c: Levels of Depth-averaged Turbidity (NTU) at control station (E4) and impact stations (IM10-IM14) under Group 4 during mid-ebb tides between October 2021 and September 2022

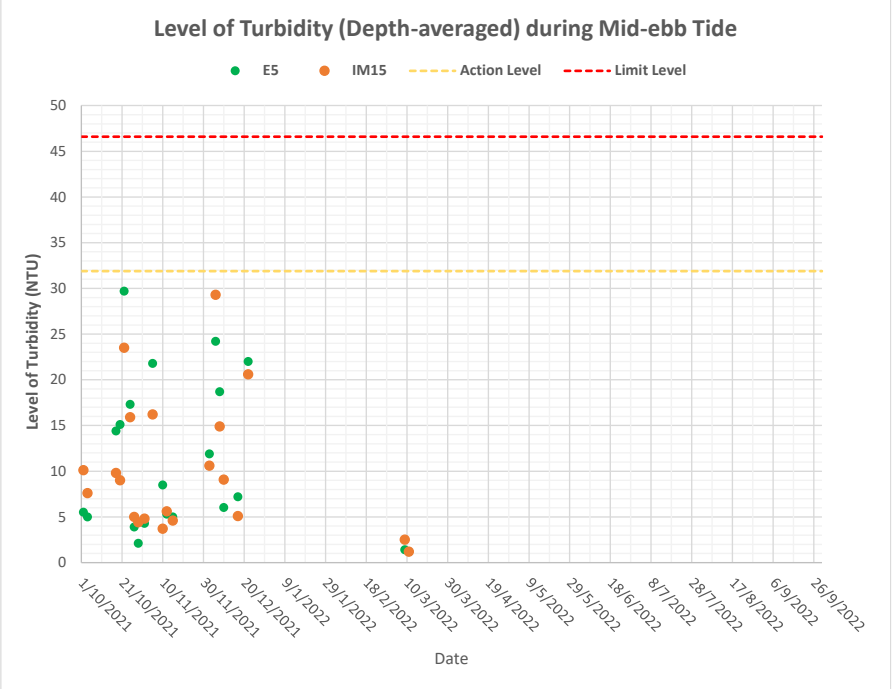


Figure F7d: Levels of Depth-averaged Turbidity (NTU) at control station (E5) and impact station (IM15) under Group 5 during mid-ebb tides between October 2021 and September 2022

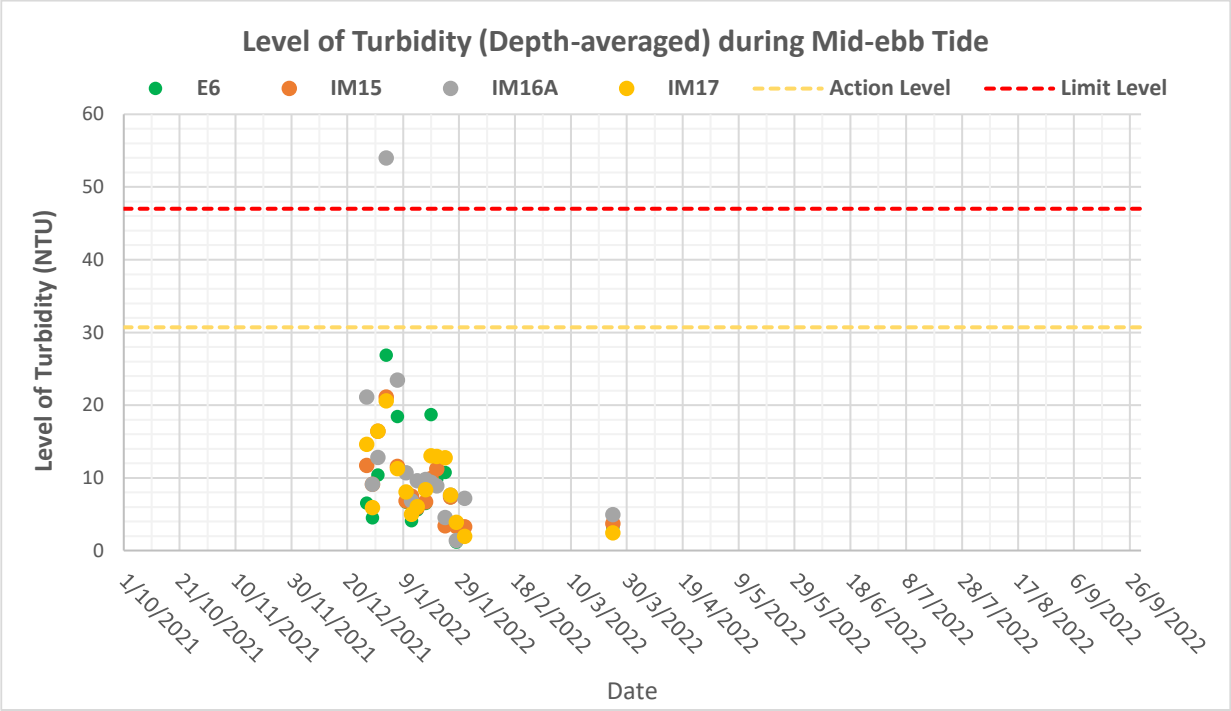


Figure F7e: Levels of Depth-averaged Turbidity (NTU) at control station (E6) and impact stations (IM15-IM17) under Group 6 during mid-ebb tides between October 2021 and September 2022

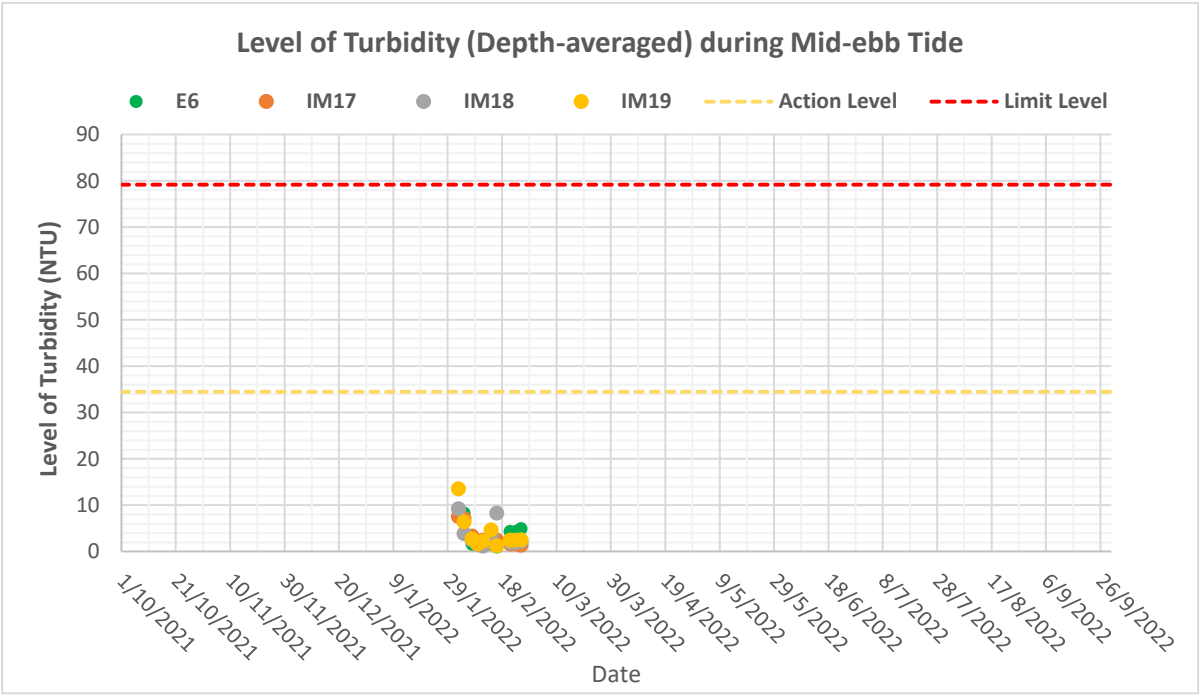


Figure F7f: Levels of Depth-averaged Turbidity (NTU) at control station (E6) and impact stations (IM17-IM19) under Group 7 during mid-ebb tides between October 2021 and September 2022

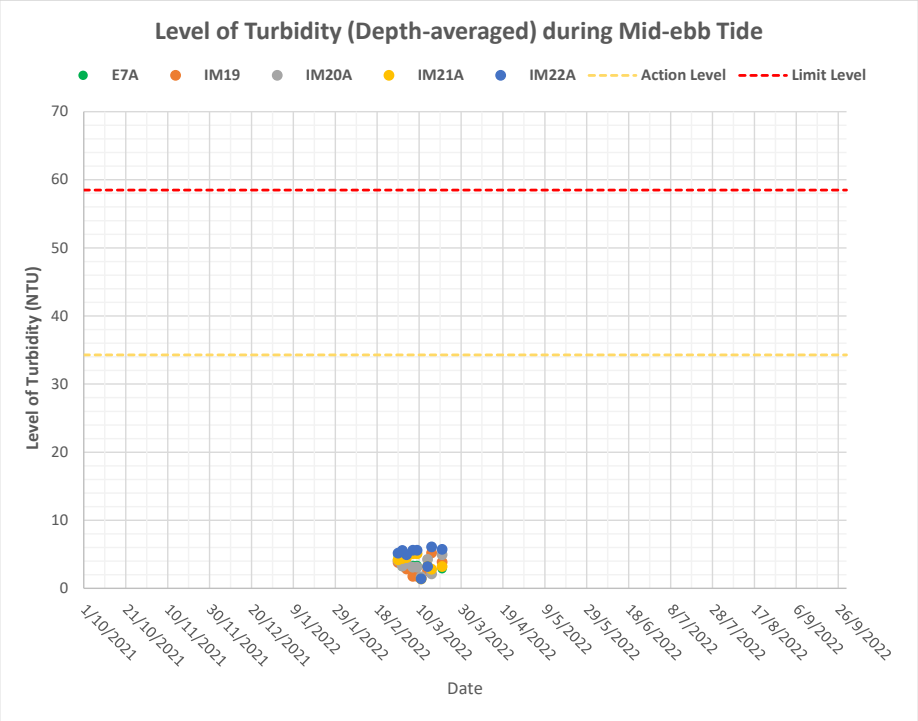


Figure F7g: Levels of Depth-averaged Turbidity (NTU) at control station (E7A) and impact stations (IM19-IM22A) under Group 8 during mid-ebb tides between October 2021 and September 2022

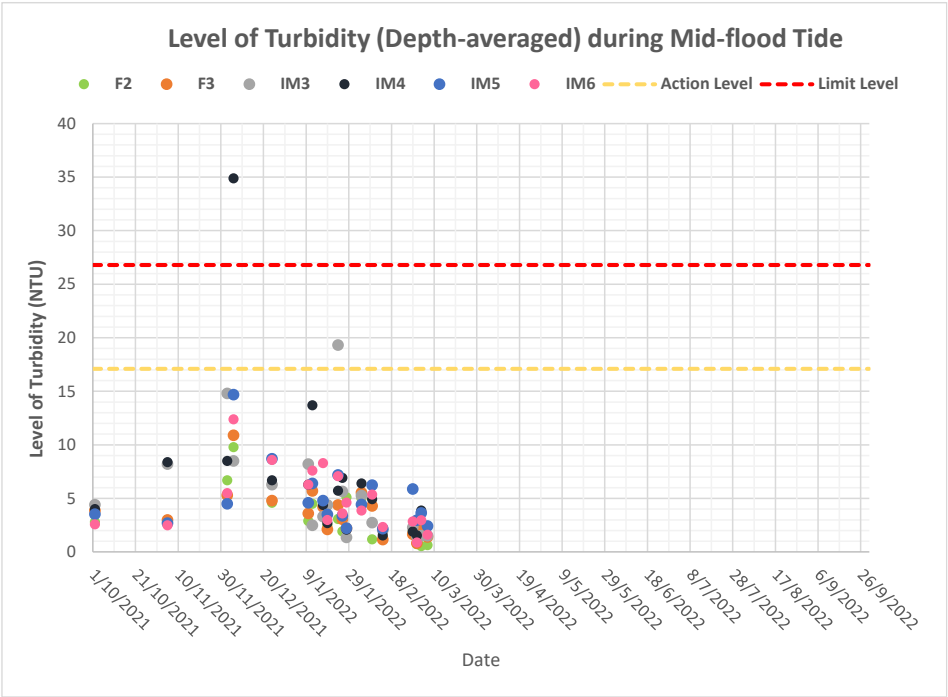


Figure F7h: Levels of Depth-averaged Turbidity (NTU) at control stations (F2-F3) and impact stations (IM3-IM6) under Group 2 during mid-flood tides between October 2021 and September 2022

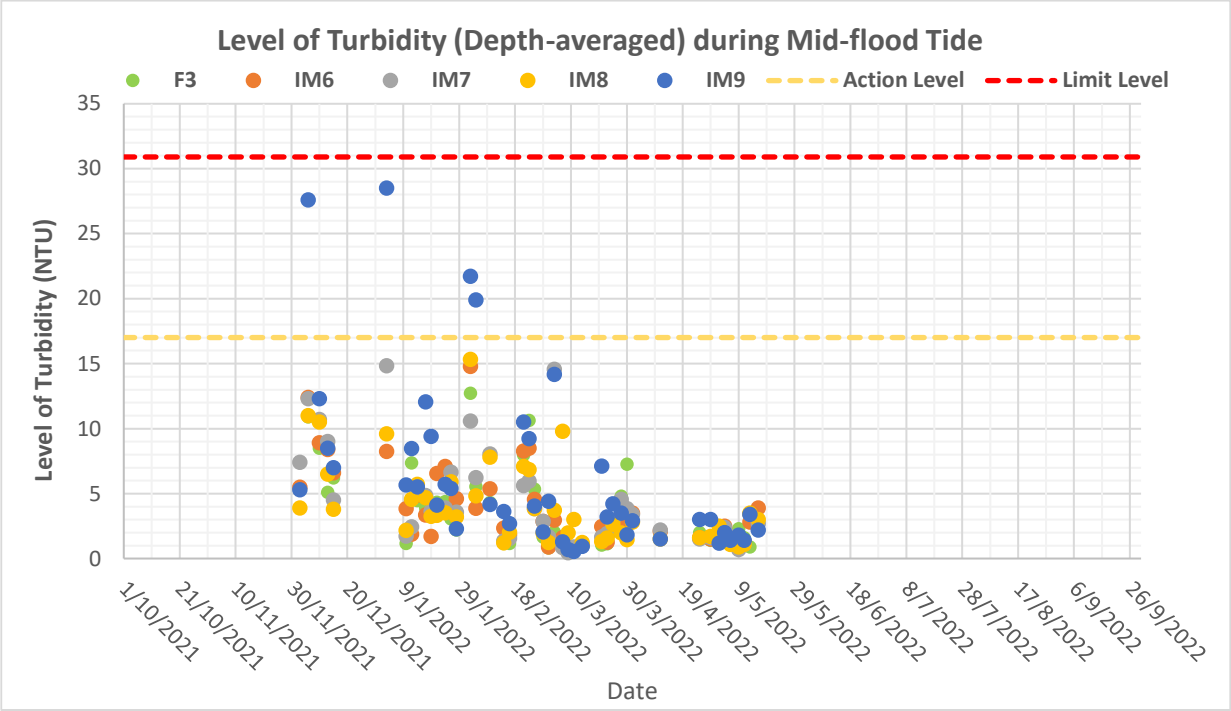


Figure F7i: Levels of Depth-averaged Turbidity (NTU) at control station (F3) and impact stations (IM6-IM9) under Group 3 during mid-flood tides between October 2021 and September 2022

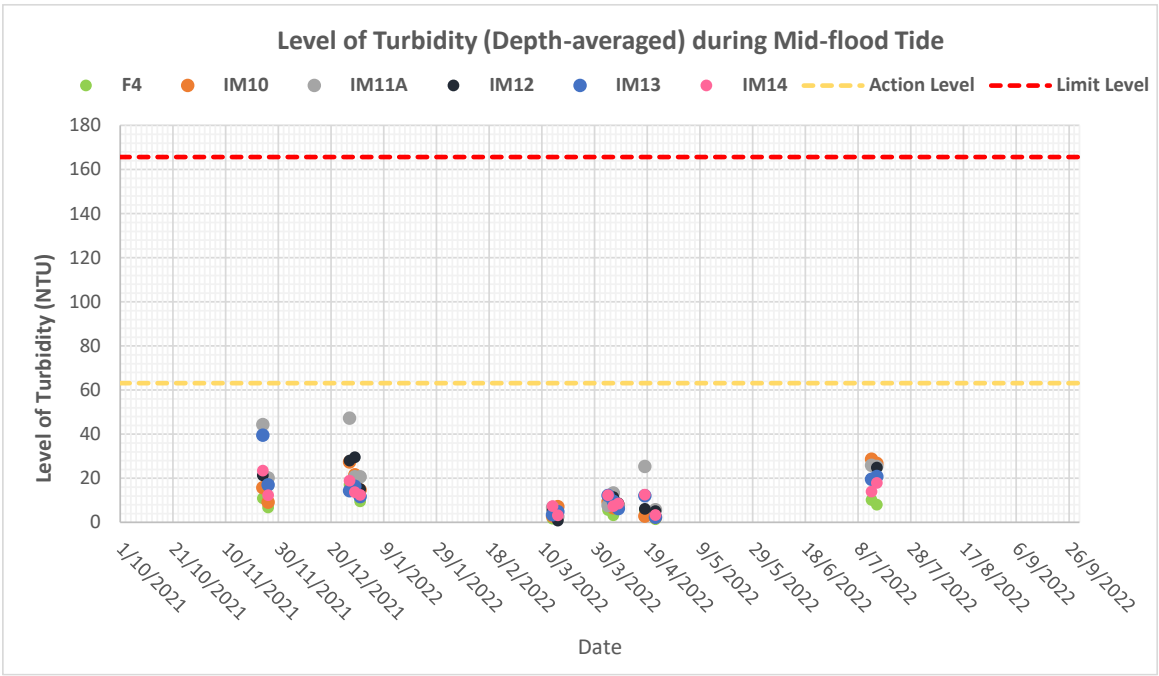


Figure F7j: Levels of Depth-averaged Turbidity (NTU) at control station (F4) and impact stations (IM10-IM14) under Group 4 during mid-flood tides between October 2021 and September 2022

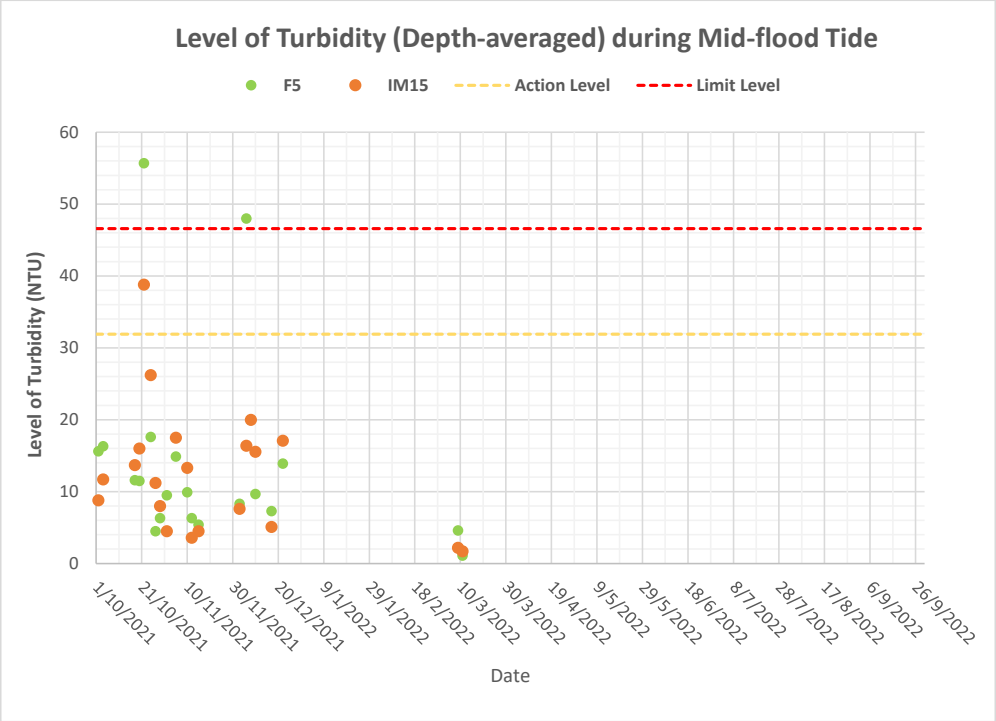


Figure F7k: Levels of Depth-averaged Turbidity (NTU) at control station (F5) and impact station (IM15) under Group 5 during mid-flood tides between October 2021 and September 2022

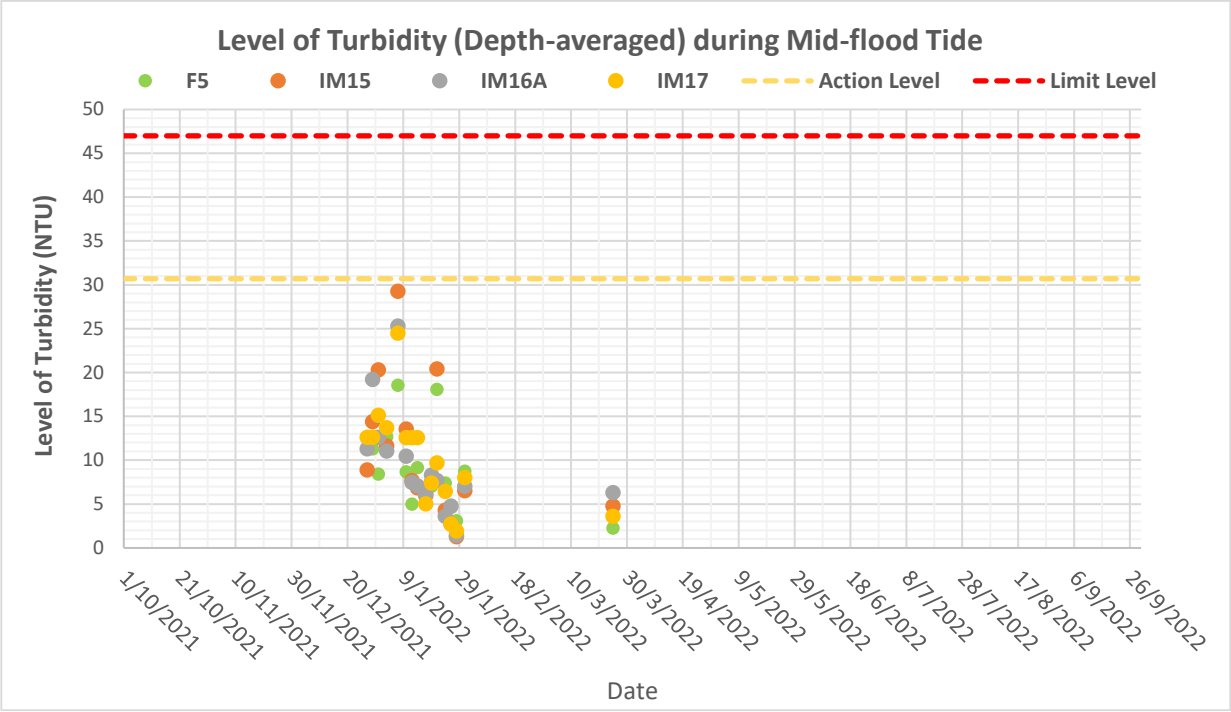


Figure F7l: Levels of Depth-averaged Turbidity (NTU) at control station (F5) and impact station (IM15) under Group 6 during mid-flood tides between October 2021 and September 2022

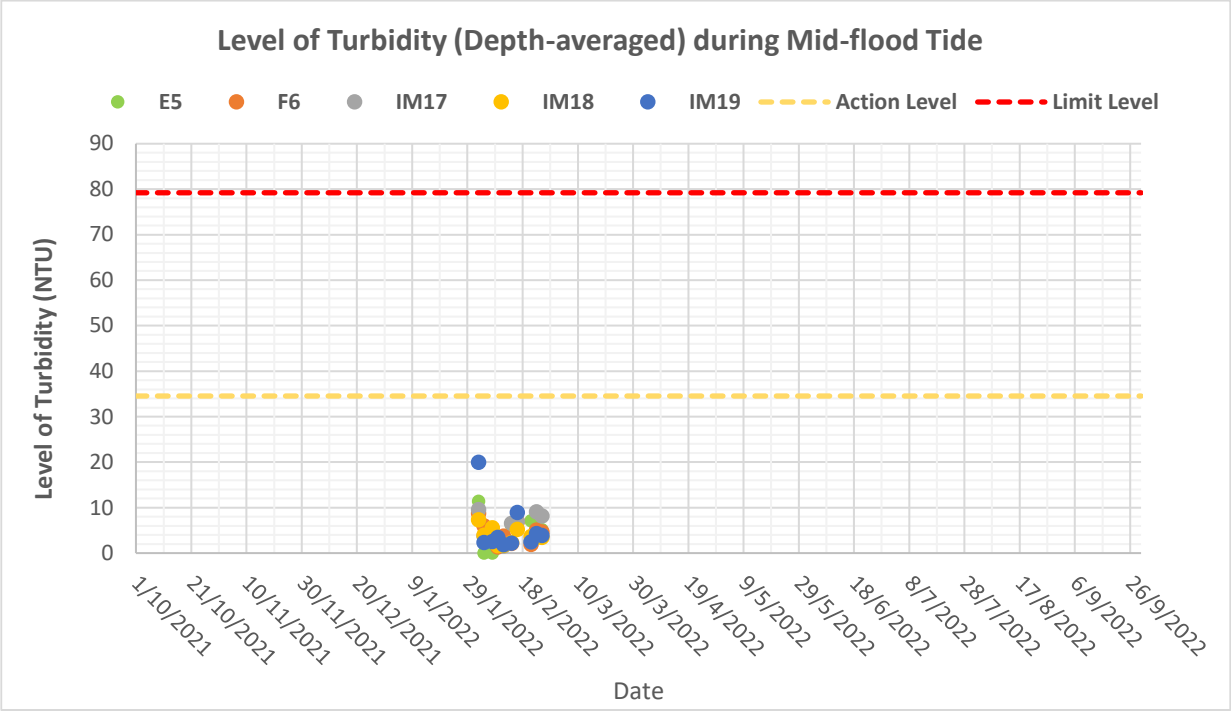


Figure F7m: Levels of Depth-averaged Turbidity (NTU) at control stations (E5, F6) and impact stations (IM17-IM19) under Group 7 during mid-flood tides between October 2021 and September 2022

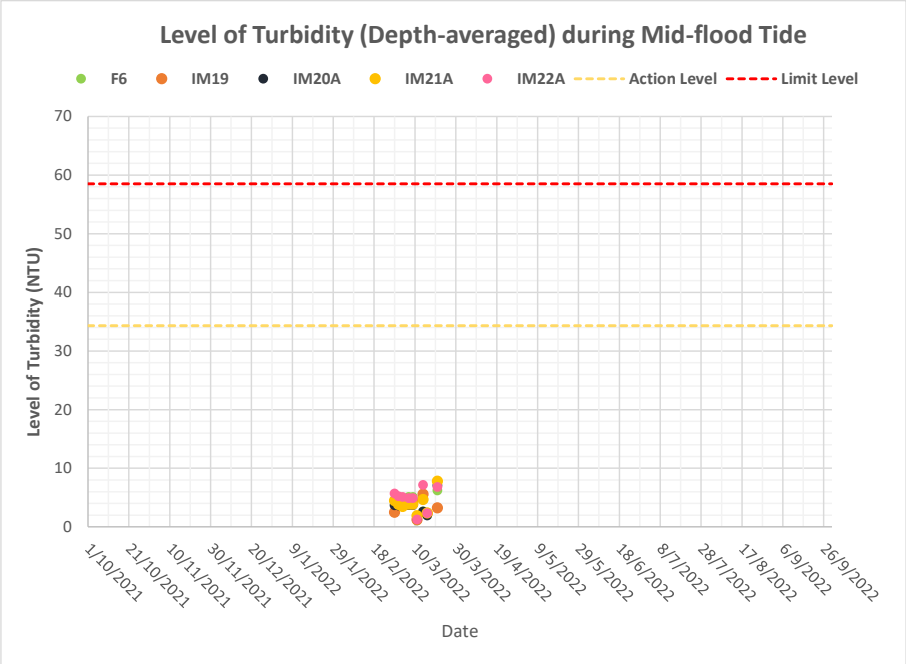


Figure F7n: Levels of Depth-averaged Turbidity (NTU) at control station (F6) and impact stations (IM19-IM22A) under Group 8 during mid-flood tides between October 2021 and September 2022

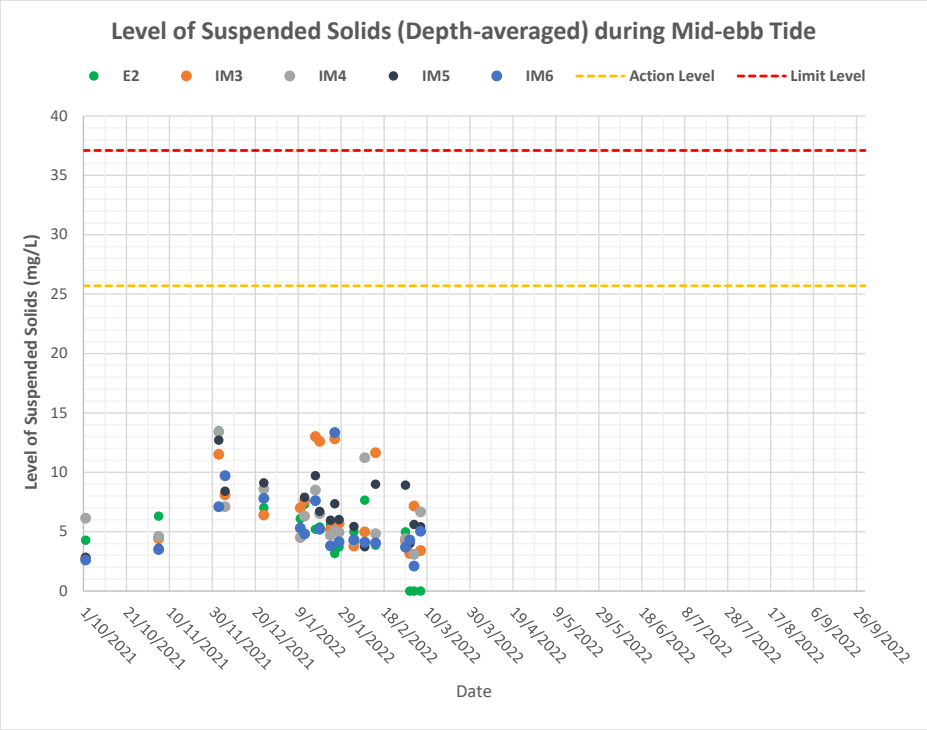


Figure F8a: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E2) and impact stations (IM3-IM6) under Group 2 during mid-ebb tides between October 2021 and September 2022

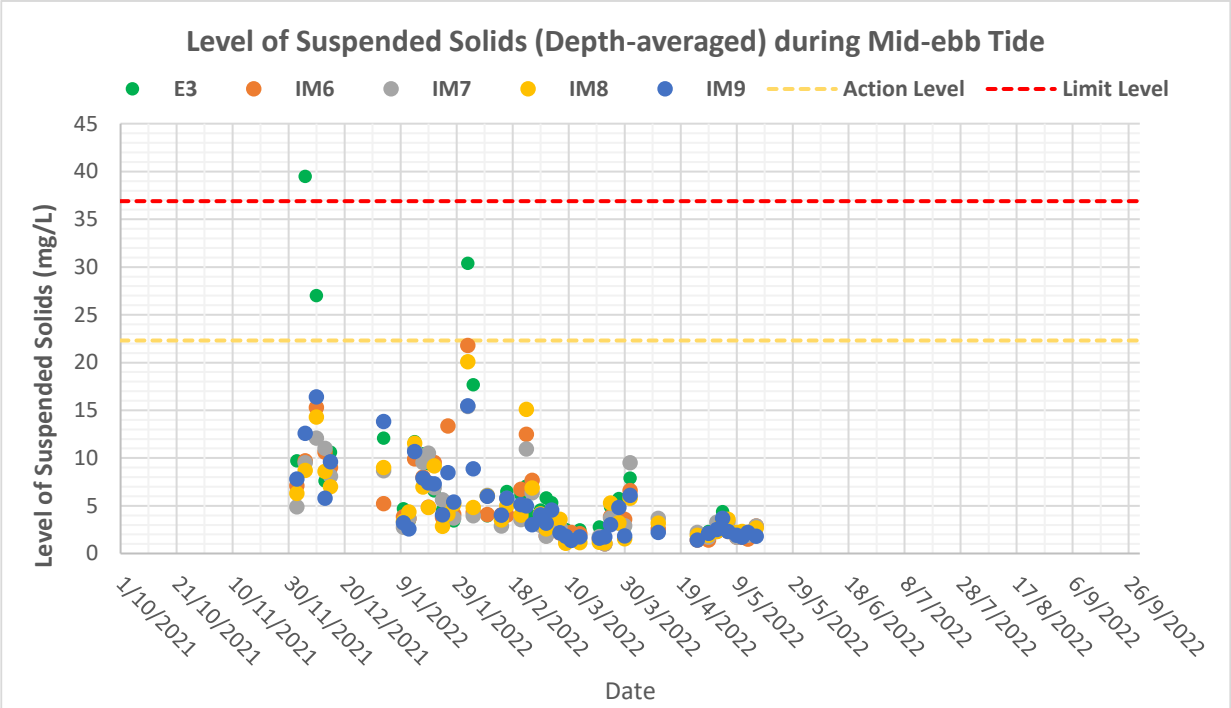


Figure F8b: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E3) and impact stations (IM6-IM9) under Group 3 during mid-ebb tides between October 2021 and September 2022

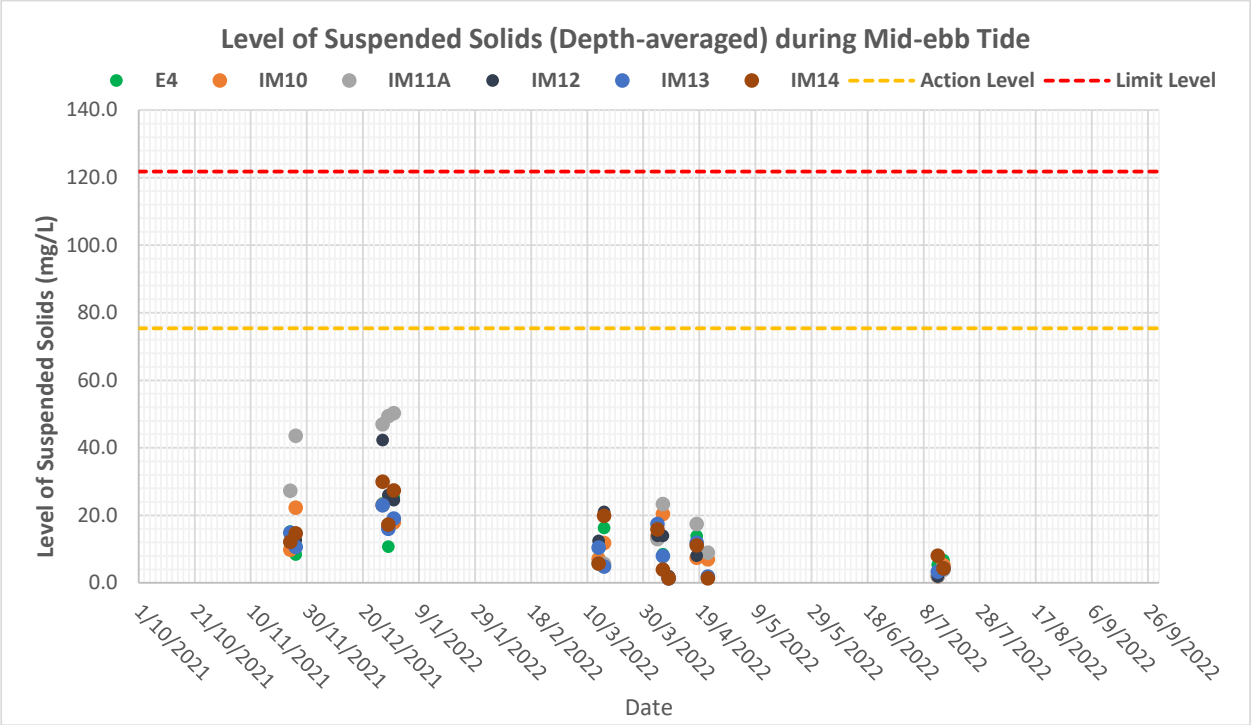


Figure F8c: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E4) and impact stations (IM10-IM14) under Group 4 during mid-ebb tides between October 2021 and September 2022

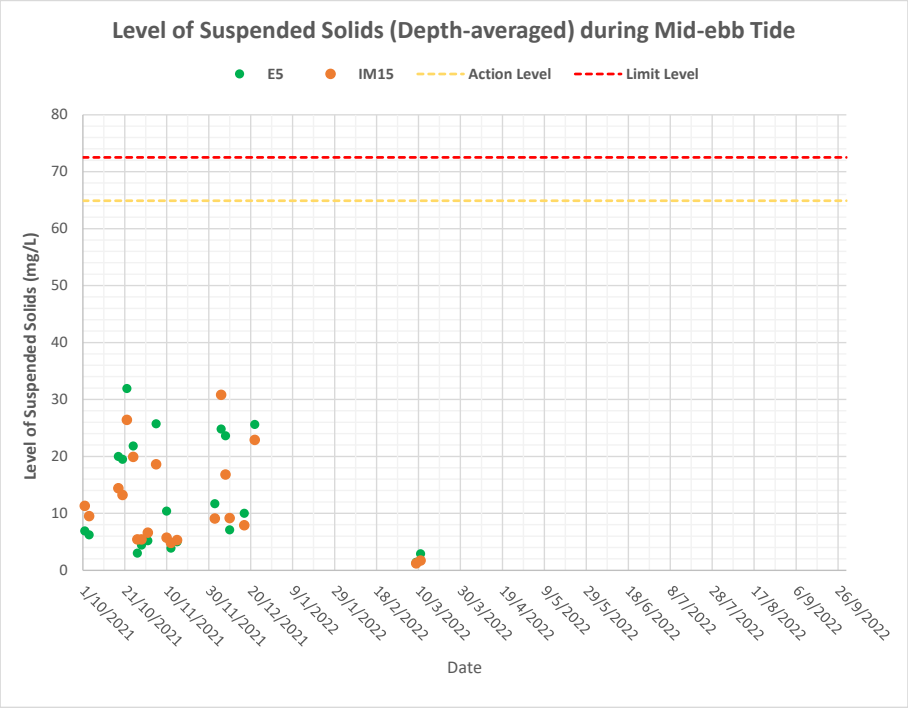


Figure F8d: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E5) and impact station (IM15) under Group 5 during mid-ebb tides between October 2021 and September 2022

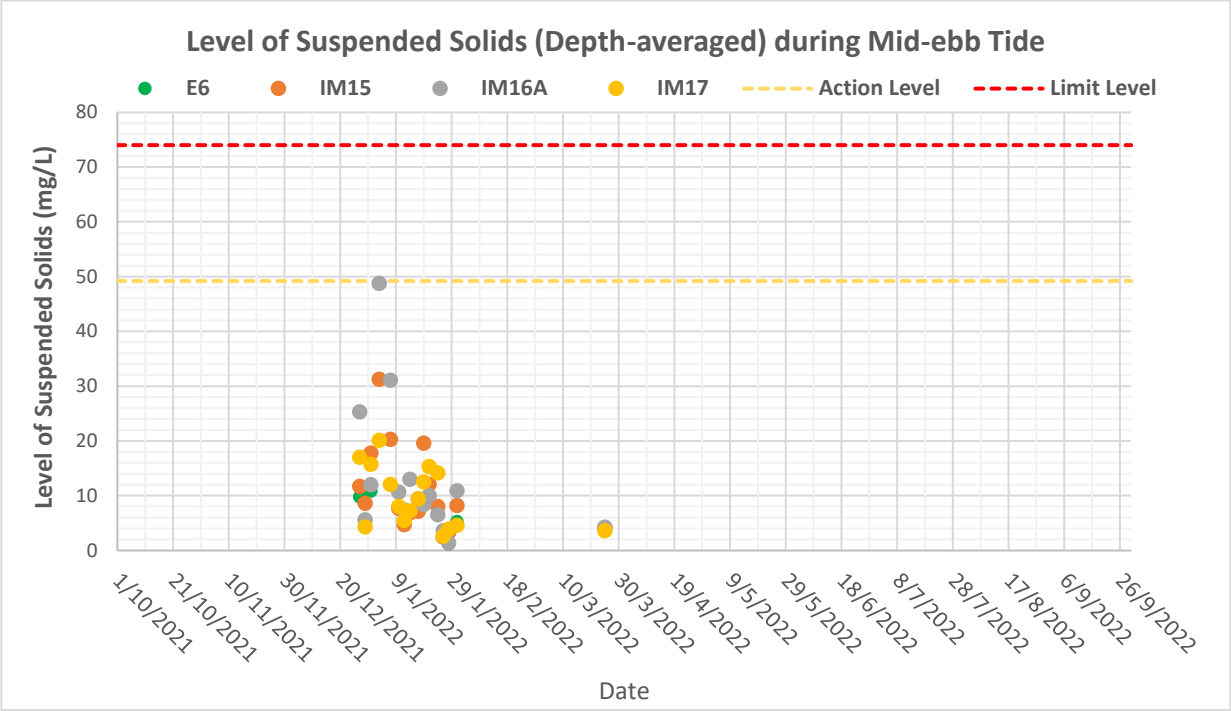


Figure F8e: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E6) and impact stations (IM15-IM17) under Group 6 during mid-ebb tides between October 2021 and September 2022

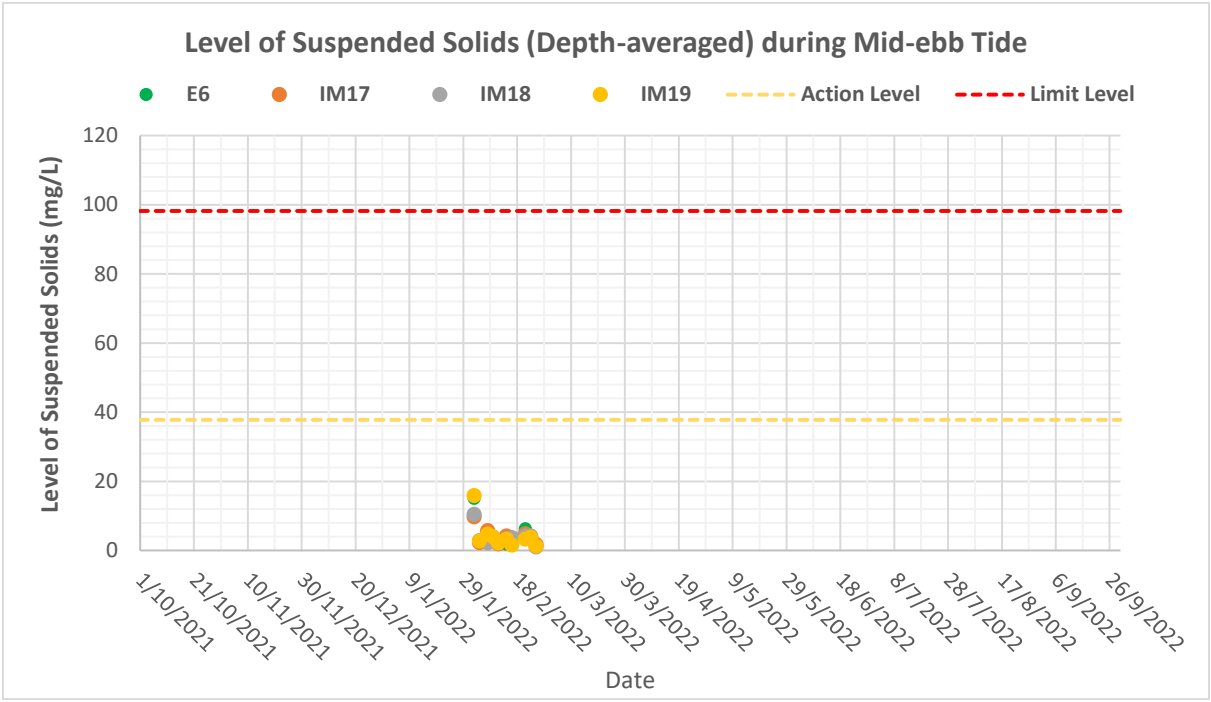


Figure F8f: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E6) and impact stations (IM17-IM19) under Group 7 during mid-ebb tides between October 2021 and September 2022

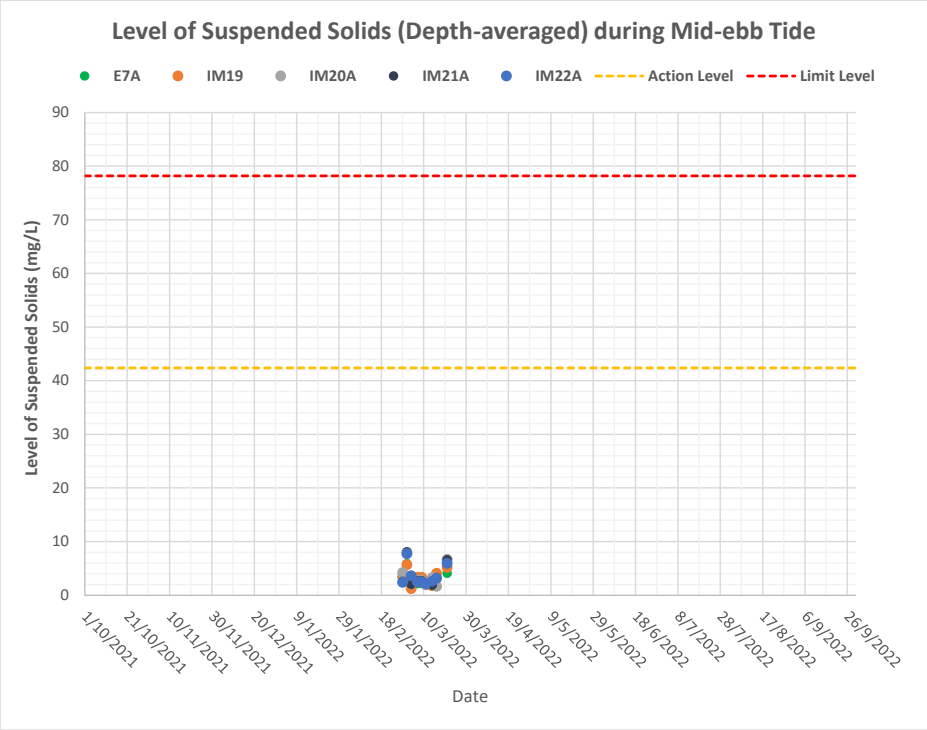


Figure F8g: Levels of Depth-averaged Suspended Solids (mg/L) at control station (E7A) and impact stations (IM19-IM22A) under Group 8 during mid-ebb tides between October 2021 and September 2022

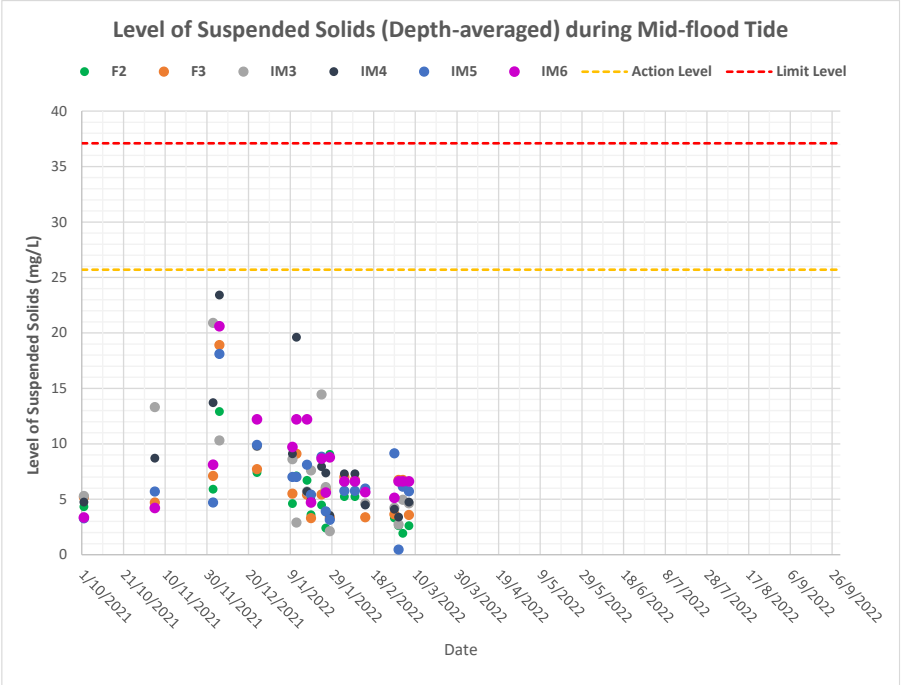


Figure F8h: Levels of Depth-averaged Suspended Solids (mg/L) at control stations (F2-F3) and impact stations (IM3-IM6) under Group 2 during mid-flood tides between October 2021 and September 2022

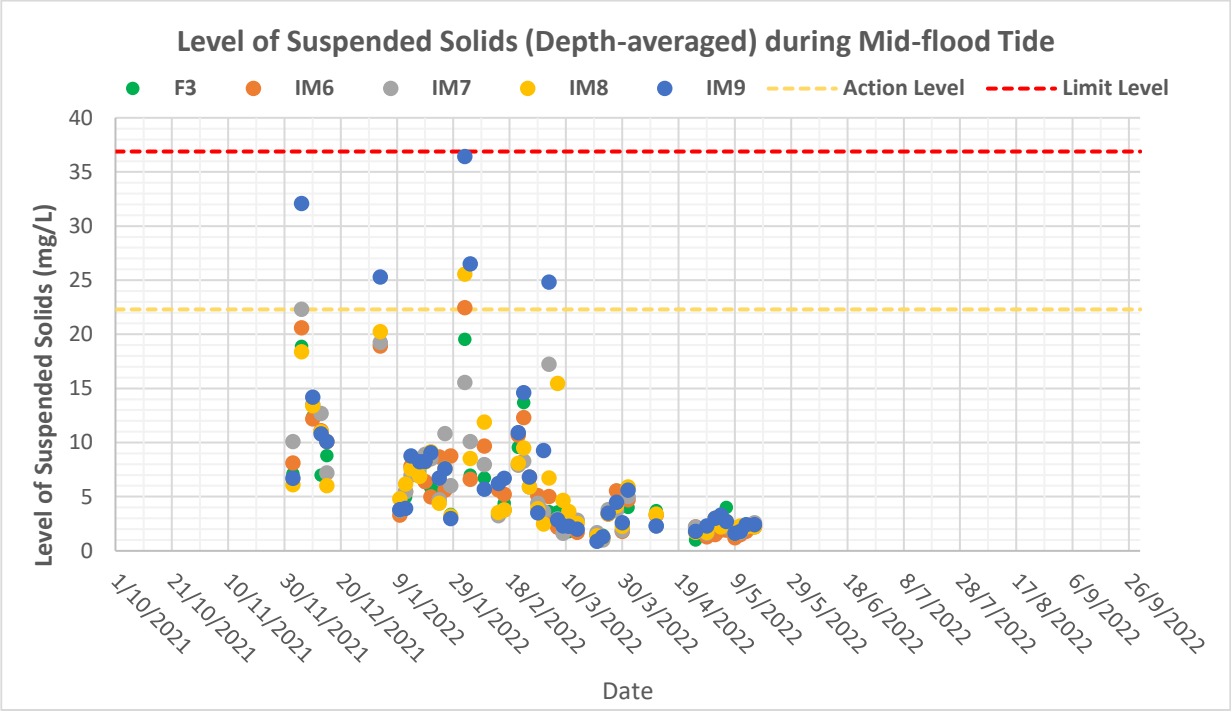


Figure F8i: Levels of Depth-averaged Suspended Solids (mg/L) at control station (F3) and impact stations (IM6-IM9) under Group 3 during mid-flood tides between October 2021 and September 2022

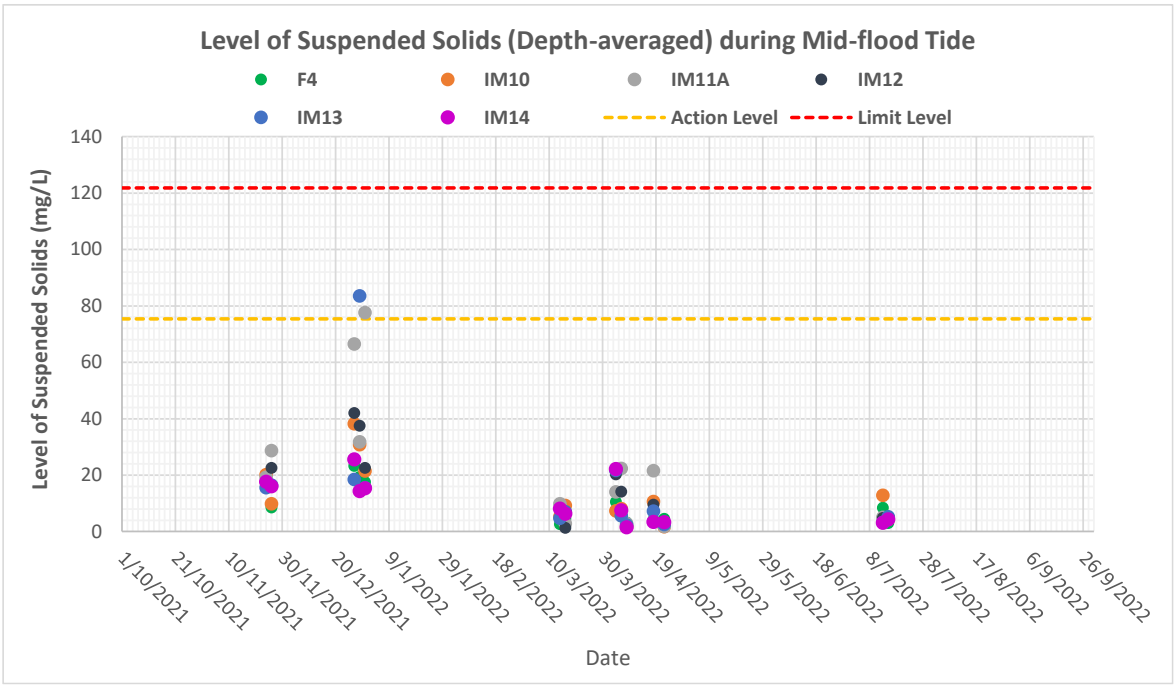


Figure F8j: Levels of Depth-averaged Suspended Solids (mg/L) at control station (F4) and impact stations (IM10-IM14) under Group 4 during mid-flood tides between October 2021 and September 2022

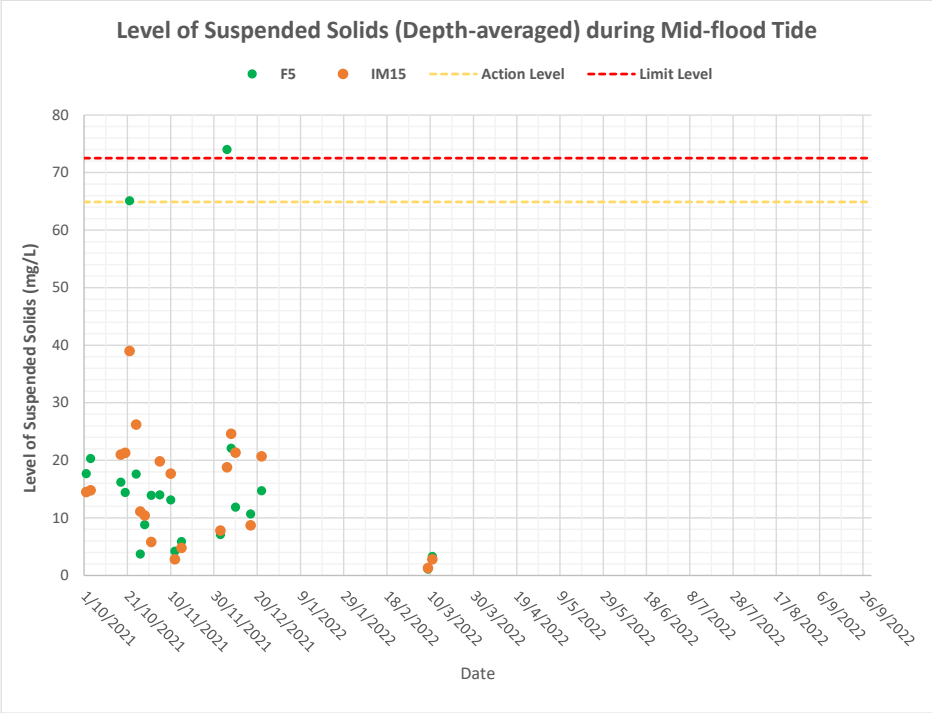


Figure F8k: Levels of Depth-averaged Suspended Solids (mg/L) at control station (F5) and impact station (IM15) under Group 5 during mid-flood tides between October 2021 and September 2022

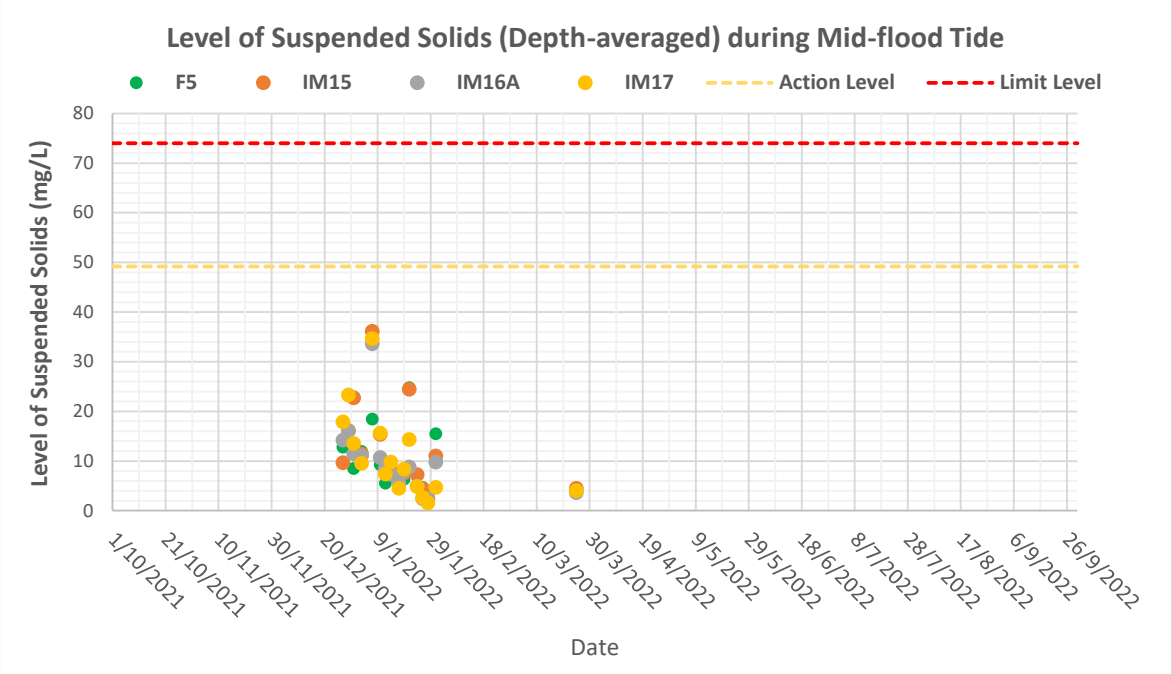


Figure F8l: Levels of Depth-averaged Suspended Solids (mg/L) at control station (F5) and impact station (IM15) under Group 6 during mid-flood tides between October 2021 and September 2022

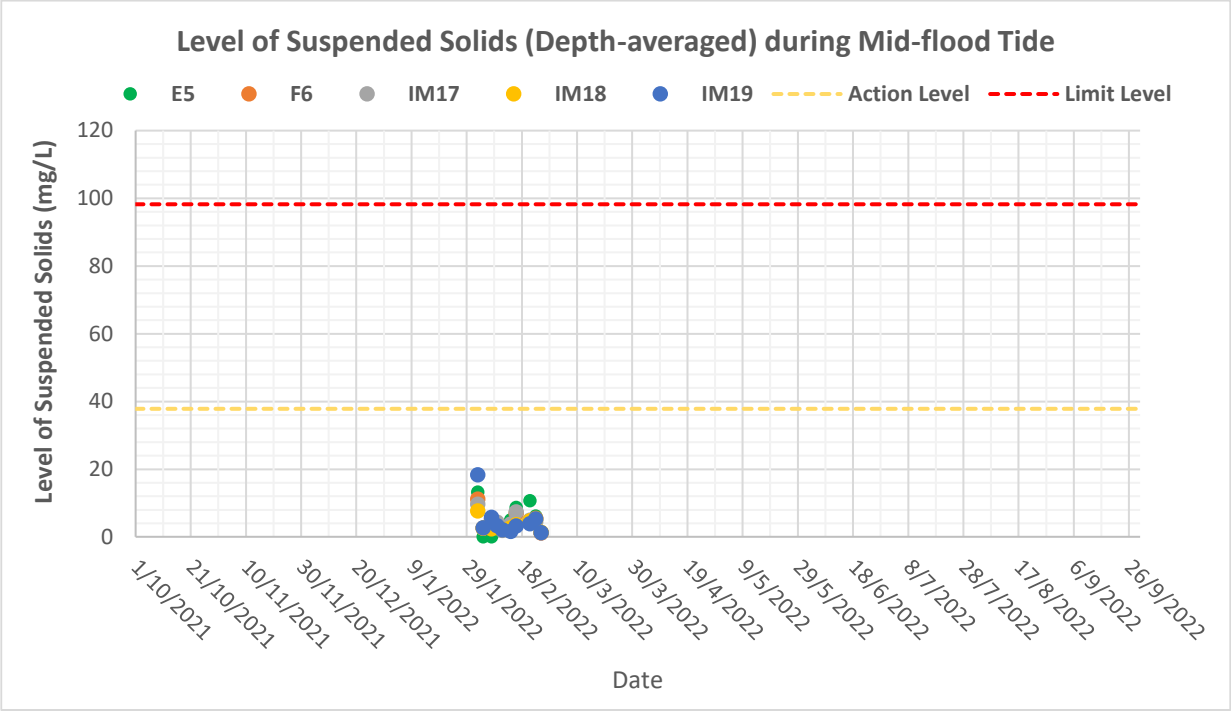


Figure F8m: Levels of Depth-averaged Suspended Solids (mg/L) at control stations (E5, F6) and impact stations (IM17-IM19) under Group 7 during mid-flood tides between October 2021 and September 2022

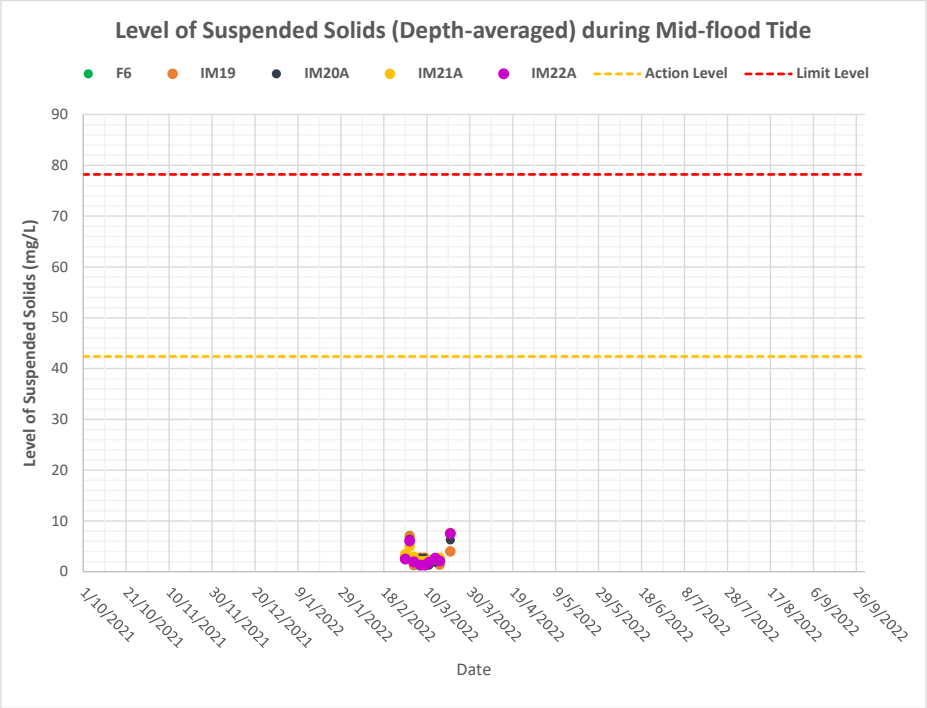


Figure F8n: Levels of Depth-averaged Suspended Solids (mg/L) at control station (F6) and impact stations (IM19-IM22A) under Group 8 during mid-flood tides between October 2021 and September 2022

Annotations:

- Key marine-based activities of the Project undertaken for construction of BPPS Pipeline included:
  - 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, 1 to 4, 9 to 30 January, 3 to 10, 12 to 16, 18 to 24, 26, 28 February, 1 to 14 and 17 to 31 March, 1, 10 to 12, 25 to 26 and 29 to 30 April, and 1 to 16 May 2022;
  - 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 (1), 23 to 31 December 2021 (2), 13 to 18 March, 4 to 9, 18 to 19 and 22 to 23 April 2022;
  - 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 30 October (3), 1, 4 to 7, 10 to 16 November, 3 to 8, 10 to 12, 17 to 19 and 21 to 22 December 2021 (4), 7 to 12 March 2022;
  - 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 (5), 1 to 4, 7 to 12, 14 to 30 January and 24 to 26 March 2022;
  - post-trenching works in terms of jetting operation in the vicinity of marine water quality monitoring stations under Group 7 on 1 to 17 and 23 to 25 February 2022; and
  - post-trenching works in terms of jetting operation in the vicinity of marine water quality monitoring stations under Group 8 on 26 to 28 February and 1 to 22 March 2022.
- Key marine-based activities of the Project undertaken for construction of LPS Pipeline included:
  - 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 (6), 8 to 19, 23 to 26, 28 to 30 January, 4, 5, 9 to 14, 27, 28 February and 1 to 6 March 2022 (7).
- Marine water quality monitoring was conducted at monitoring stations i) under Group 2 on 2 October, 5 November, 3, 6 and 24 December 2021 (7); ii) under Group 3 on 3, 6, 10, 13 and 15 December 2021 (8); 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.
- Marine water quality monitoring was conducted at monitoring stations i) under Group 2 on 10, 12, 14, 17, 19, 24, 26, 28 January, 4, 9, 11, 14, 28 February, 2, 4 and 7 March 2022 (9)(10); ii) under Group 3 on 3, 10, 12, 14, 17, 19, 21, 24, 26, 28 January, 2, 4, 7, 9, 11, 14, 16, 18, 21, 23, 25, 28 February, 2, 4, 7, 9, 11, 14, 21, 23, 25, 28 and 30 March 2022 (10)(11)(12); iii) under Group 4 on 14 and 16 March 2022 (13); iv) under Group 5 on 9 and 11 March 2022; v) under Group 6 on 3, 7, 10, 12, 14, 17, 19, 21, 24, 26, 28, 31 January and 25 March 2022 (14); vi) under Group 7 on 2, 4, 7, 9 ,11, 14, 16, 18, 21, 23, 25 and 28 February 2022 (12); and vii) under Group 8 on 28 February, 2, 4, 7, 9, 11, 14, 16 and 21 March 2022 (13).
- Marine water quality monitoring was conducted at monitoring stations i) under Group 3 on 1, 11, 25, 29 April, 2, 4, 6, 9, 11, 13 and 16 May 2022; (ii) under Group 4 on 4, 6, 8, 18 and 22 April 2022.
- Weather conditions during the monitoring period ranged from fine to rainy, with sea conditions ranged from calm to rough. 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) Preparation works for marine jetting operation in the vicinity of Adamasta Channel was undertaken on 20 November 2021.
(2) Preparation works for marine jetting operation in the vicinity of Adamasta Channel was undertaken on 23 and 24 December 2021.
(3) No marine jetting operation was undertaken between 5 and 17 October 2021, and marine WQM was resumed to be conducted since 18 October 2021.
(4) No marine jetting operation was undertaken on 20 December 2021 and water quality monitoring was not conducted on 20 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) Only preparation works for marine jetting operation were conducted between 8 and 19 January 2022.
(8) 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.
(9) Marine water quality monitoring for Group 2 scheduled on 14 January 2022 was cancelled due to adverse weather.
(10) Marine water quality monitoring for Group 2 and Group 3 scheduled on 11 February 2022 was cancelled as the sampling team had to arrange COVID-19 tests and conduct disinfection on the survey vessel on 10-11 February 2022 due to potential COVID-19 confirmed cases on the survey vessel.
(11) Marine water quality monitoring for Group 3 scheduled on 7 February 2022 was cancelled due to adverse weather.
(12) Marine water quality monitoring for Group 3 and Group 7 scheduled on 18 February 2022 was cancelled due to adverse weather.
(13) Marine water quality monitoring for Group 3, Group 4 and Group 8 scheduled on 18 March 2022 was cancelled due to adverse weather.
(14) Marine water quality monitoring was scheduled to be carried out on 31 January 2022 for the 24-hr marine jetting operation for 30 January 2022 which was completed during daytime period of the next day.

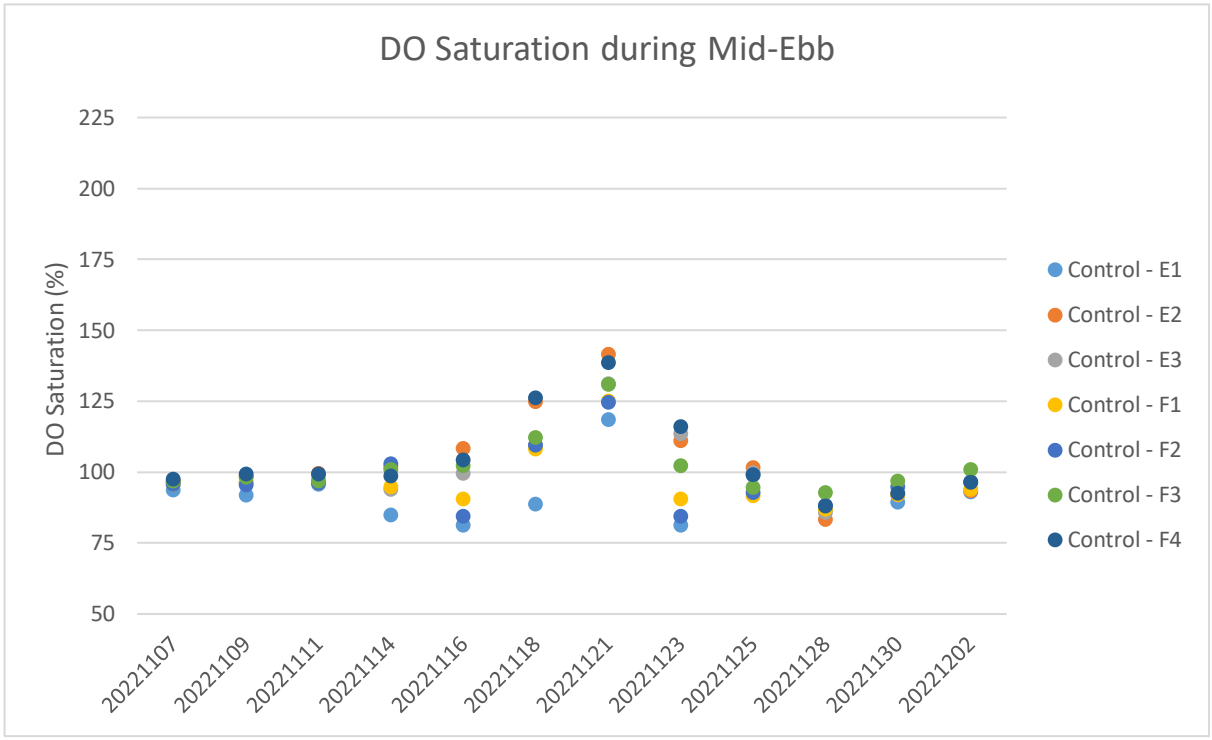


Figure F9a: Levels of Depth-averaged Dissolved Oxygen Saturation (%) at control stations in the southern Hong Kong waters (E1-E3, F1-F4) during mid-ebb tides between 7 November and 2 December 2022

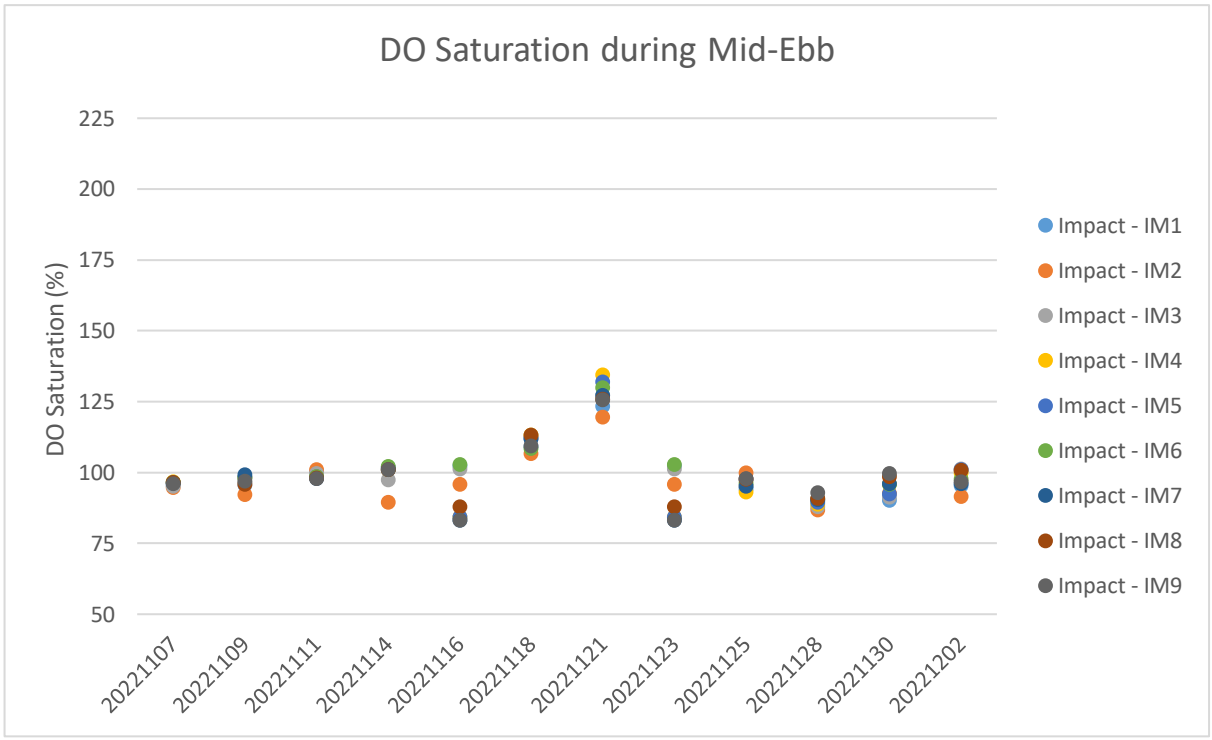


Figure F9b: Levels of Depth-averaged Dissolved Oxygen Saturation (%) at impact stations in the southern Hong Kong waters (IM1-IM9) during mid-ebb tides between 7 November and 2 December 2022

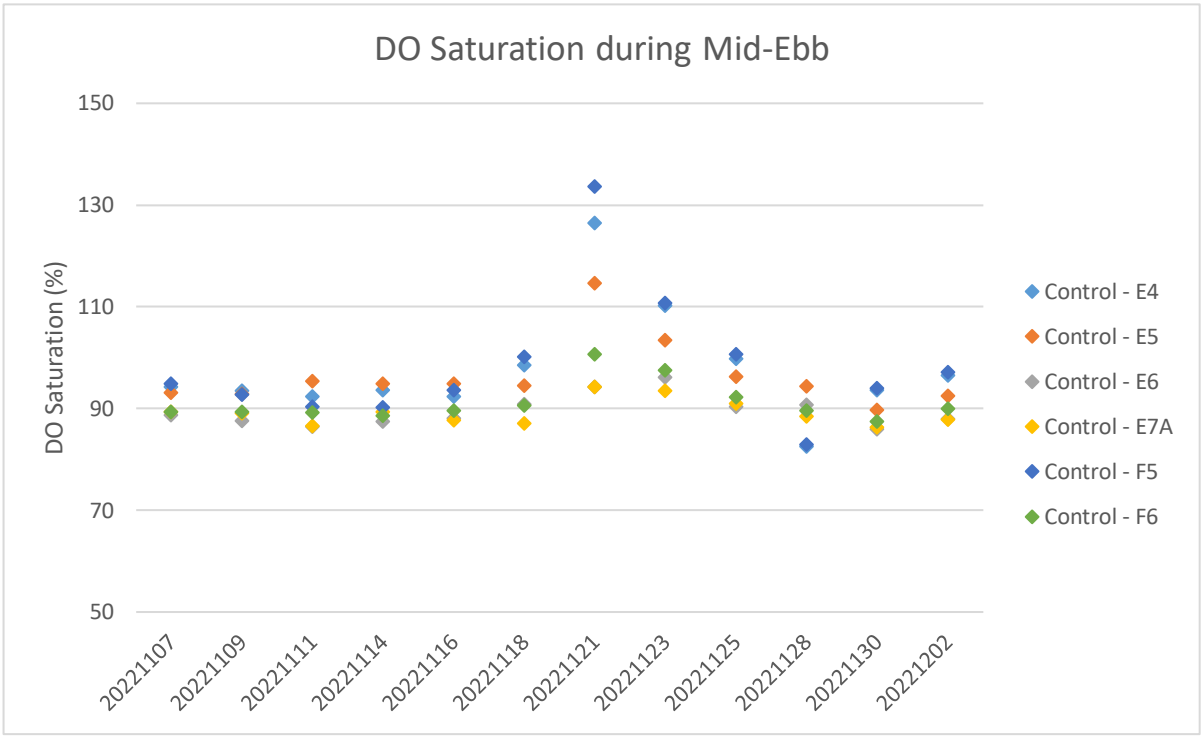


Figure F9c: Levels of Depth-averaged Dissolved Oxygen Saturation (%) at control stations in the western Hong Kong waters (E4-E7A, F5-F6) during mid-ebb tides between 7 November and 2 December 2022

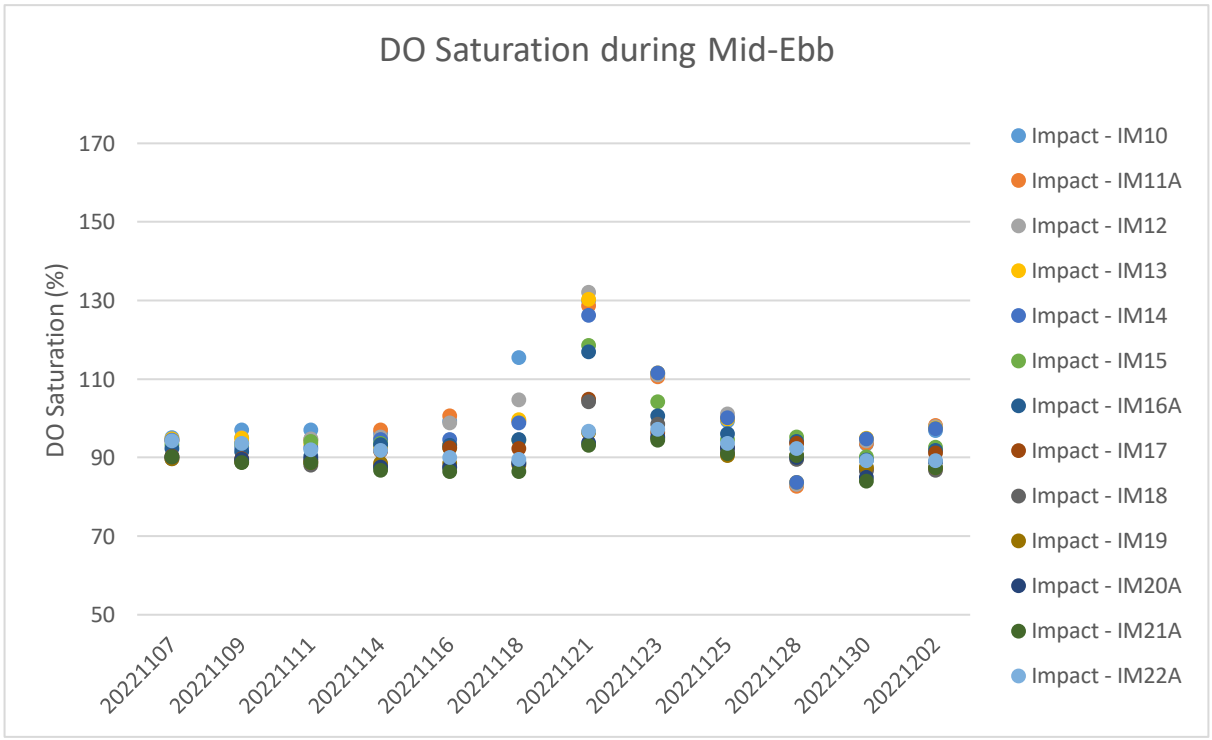


Figure F9d: Levels of Depth-averaged Dissolved Oxygen Saturation (%) at impact stations in the western Hong Kong waters (IM10-IM22A) during mid-ebb tides between 7 November and 2 December 2022

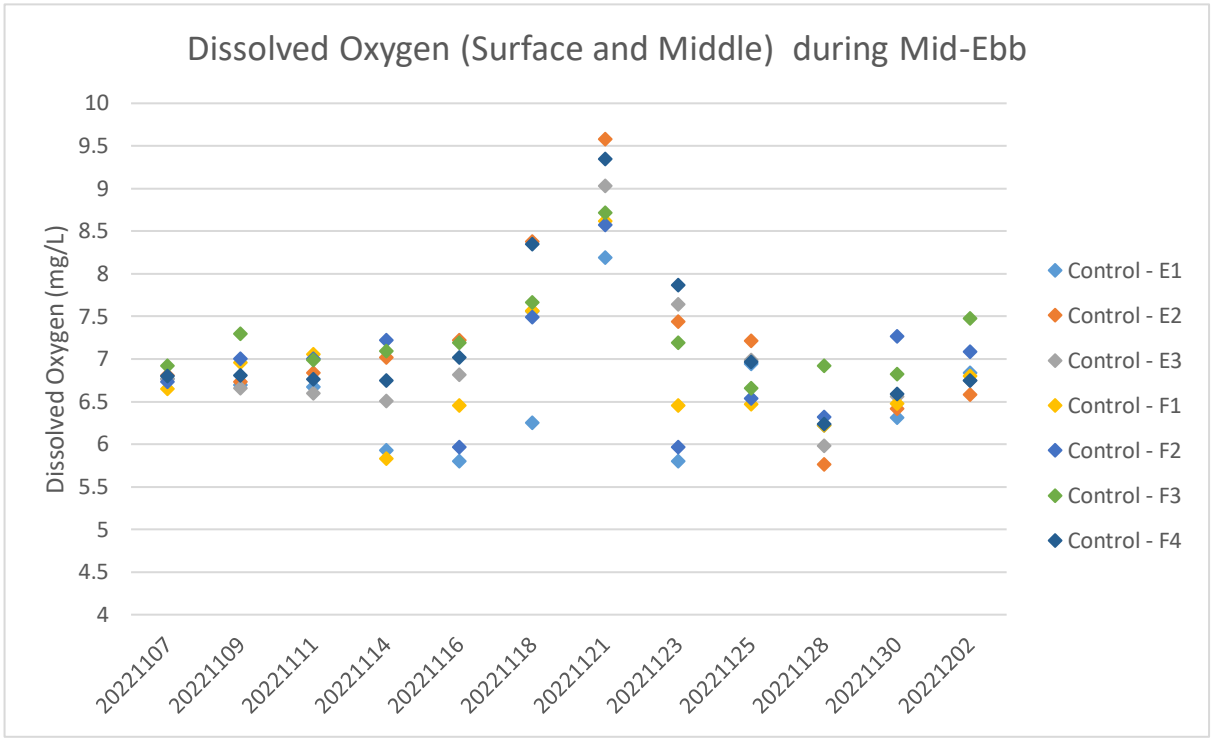


Figure F9e: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control stations in the southern Hong Kong waters (E1-E3, F1-F4) during mid-ebb tides between 7 November and 2 December 2022

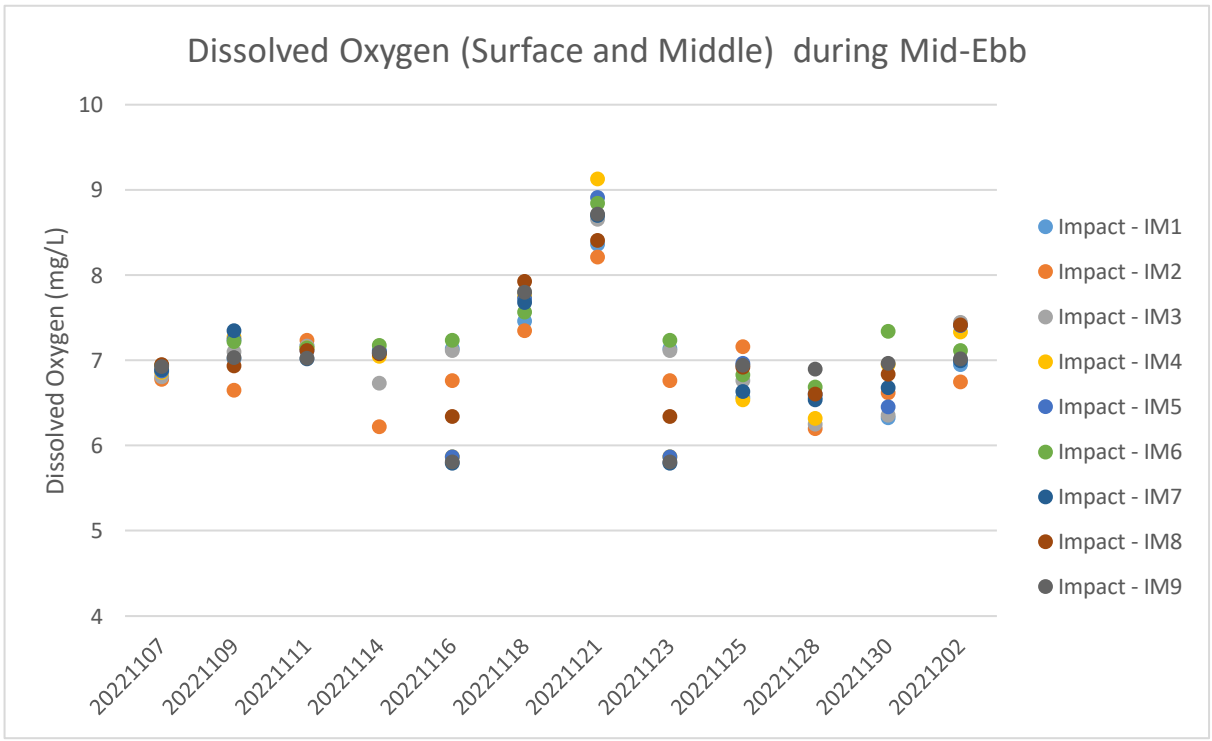


Figure F9f: Levels of Surface and Middle Dissolved Oxygen (mg/L) at impact stations in the southern Hong Kong waters (IM1-IM9) during mid-ebb tides between 7 November and 2 December 2022

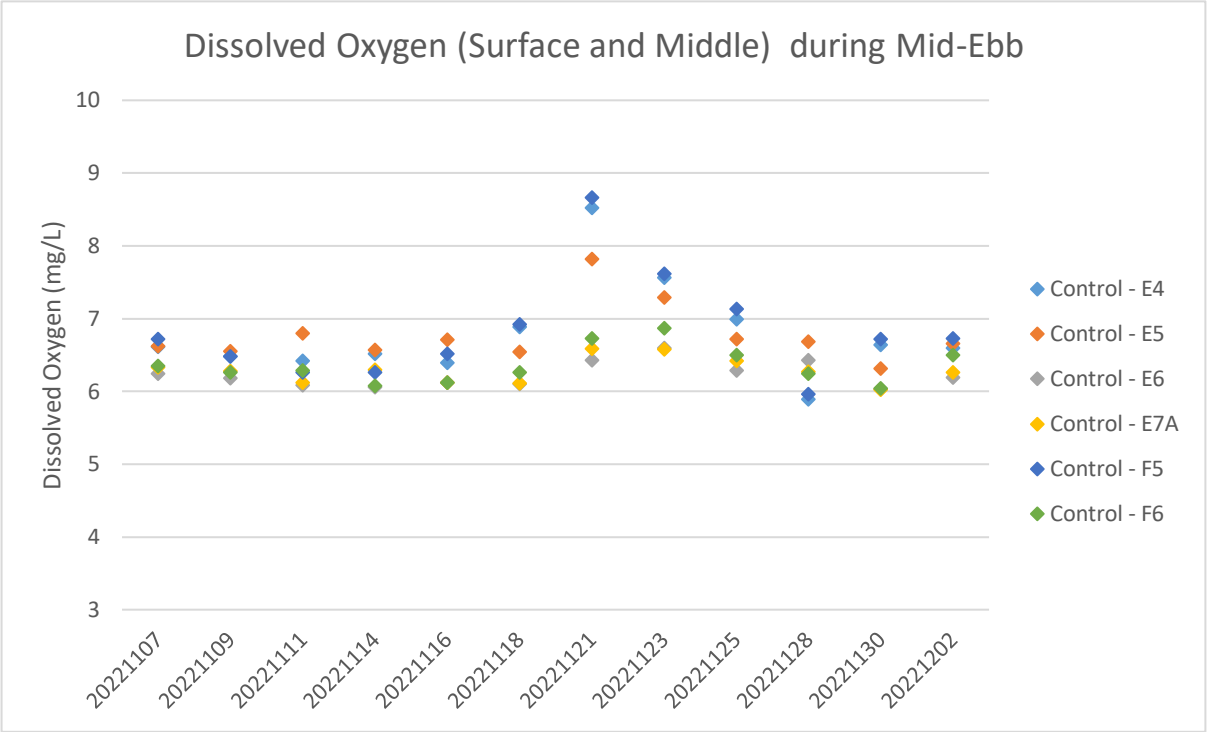


Figure F9g: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control stations in the western Hong Kong waters (E4-E7A, F5-F6) during mid-ebb tides between 7 November and 2 December 2022

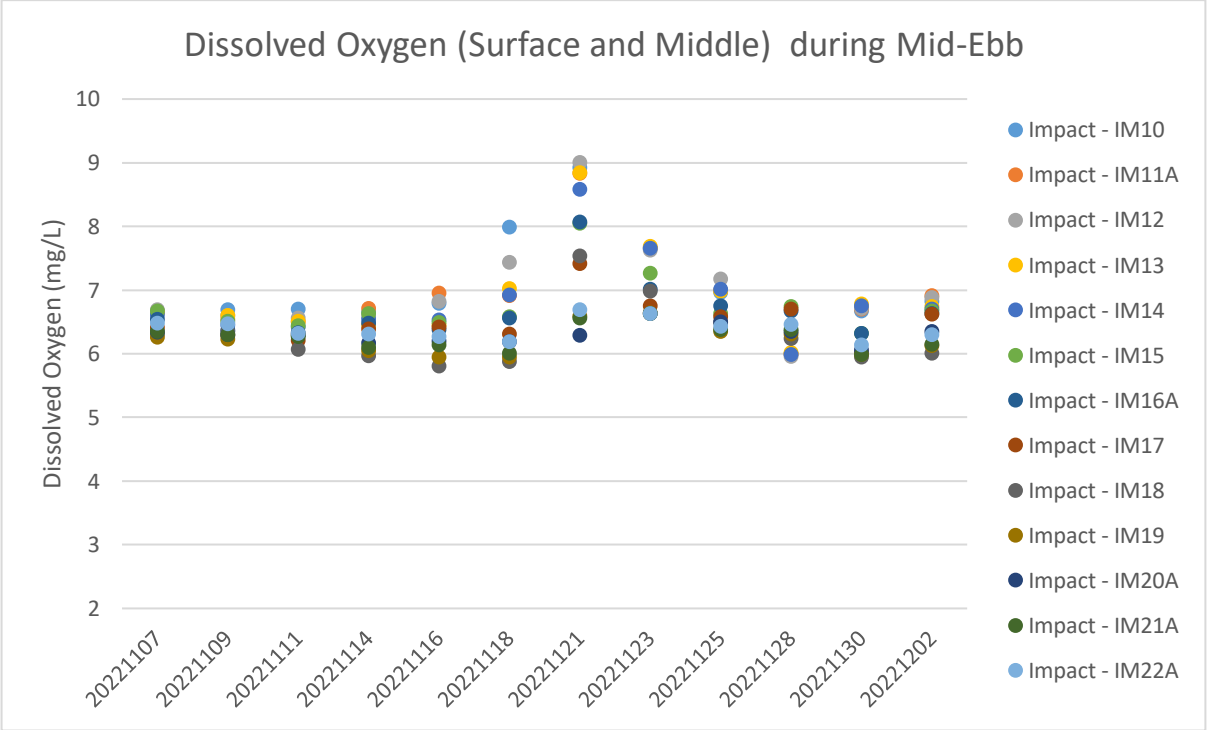


Figure F9h: Levels of Surface and Middle Dissolved Oxygen (mg/L) at impact stations in the western Hong Kong waters (IM10-IM22A) during mid-ebb tides between 7 November and 2 December 2022

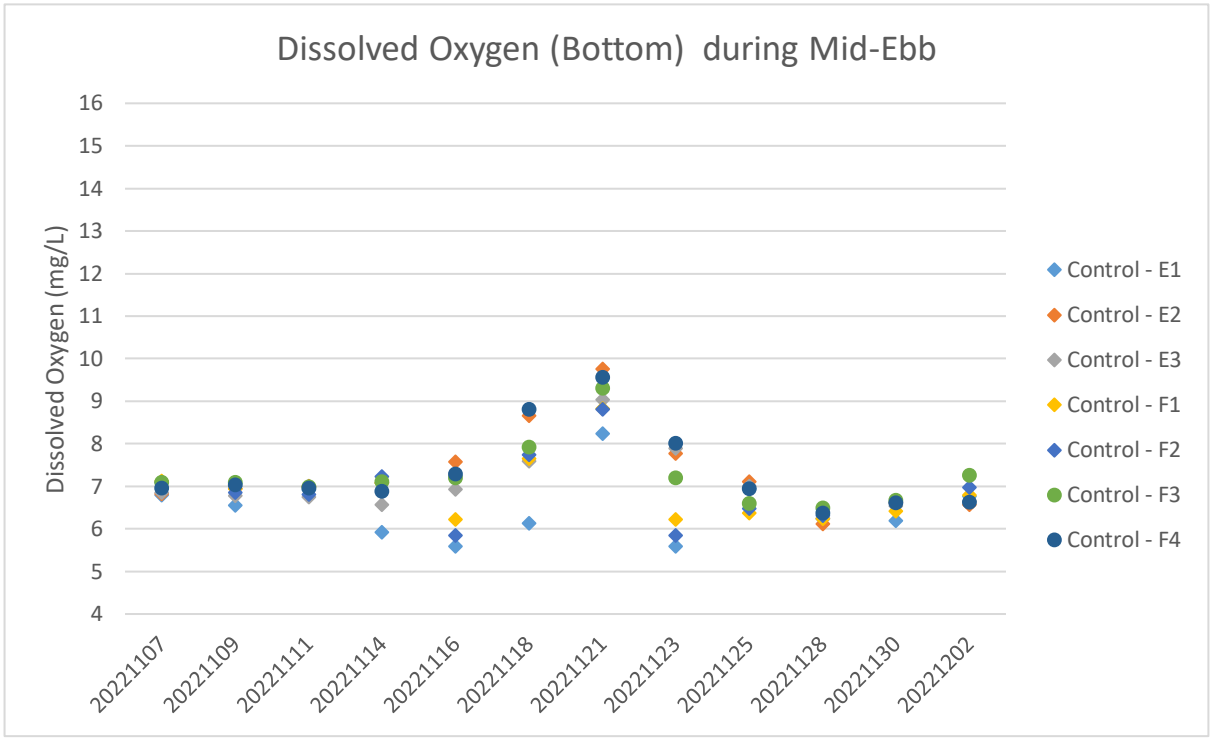


Figure F9i: Levels of Bottom Dissolved Oxygen (mg/L) at control stations in the southern Hong Kong waters (E1-E3, F1-F4) during mid-ebb tides between 7 November and 2 December 2022

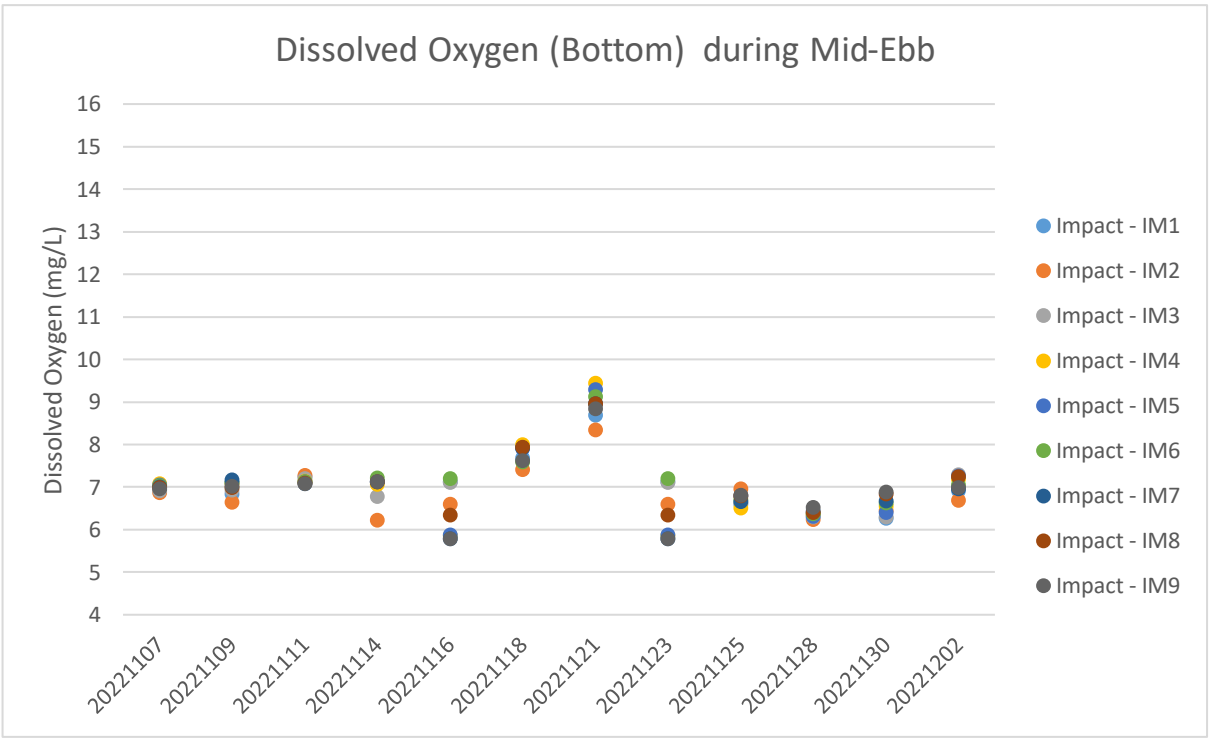


Figure F9j: Levels of Bottom Dissolved Oxygen (mg/L) at impact stations in the southern Hong Kong waters (IM1-IM9) during mid-ebb tides between 7 November and 2 December 2022

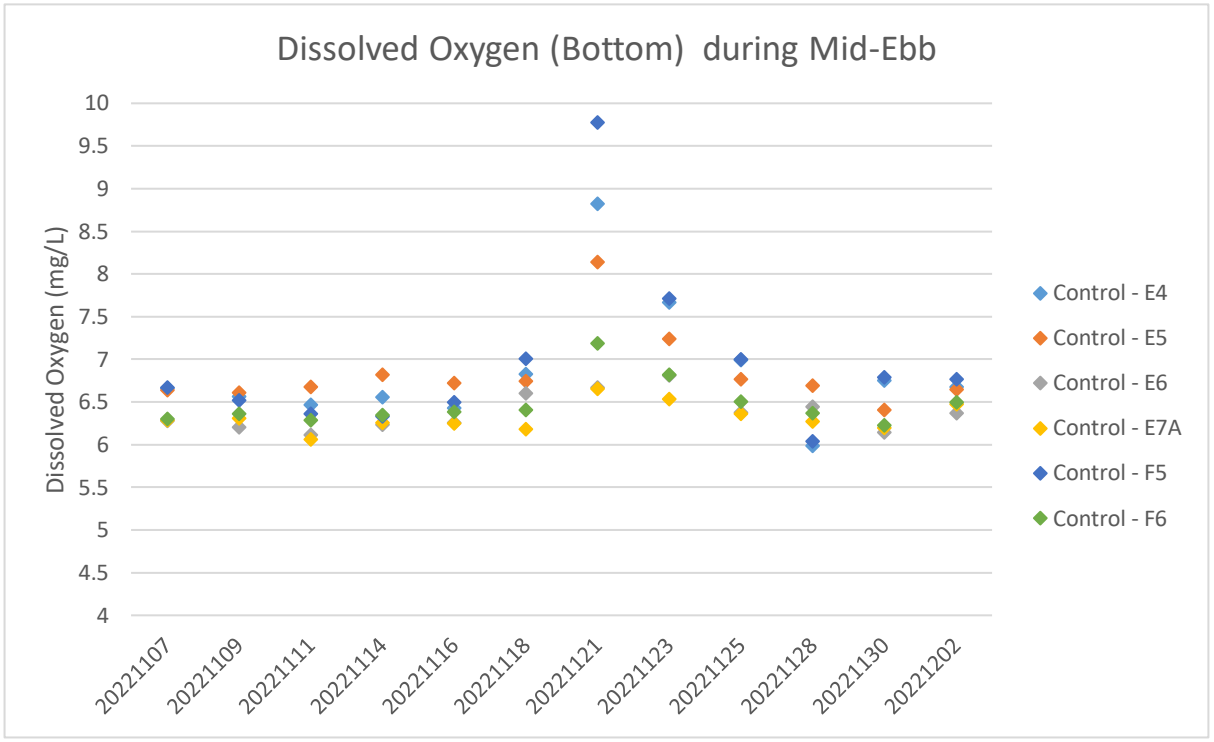


Figure F9k: Levels of Bottom Dissolved Oxygen (mg/L) at control stations in the western Hong Kong waters (E4-E7A, F5-F6) during mid-ebb tides between 7 November and 2 December 2022

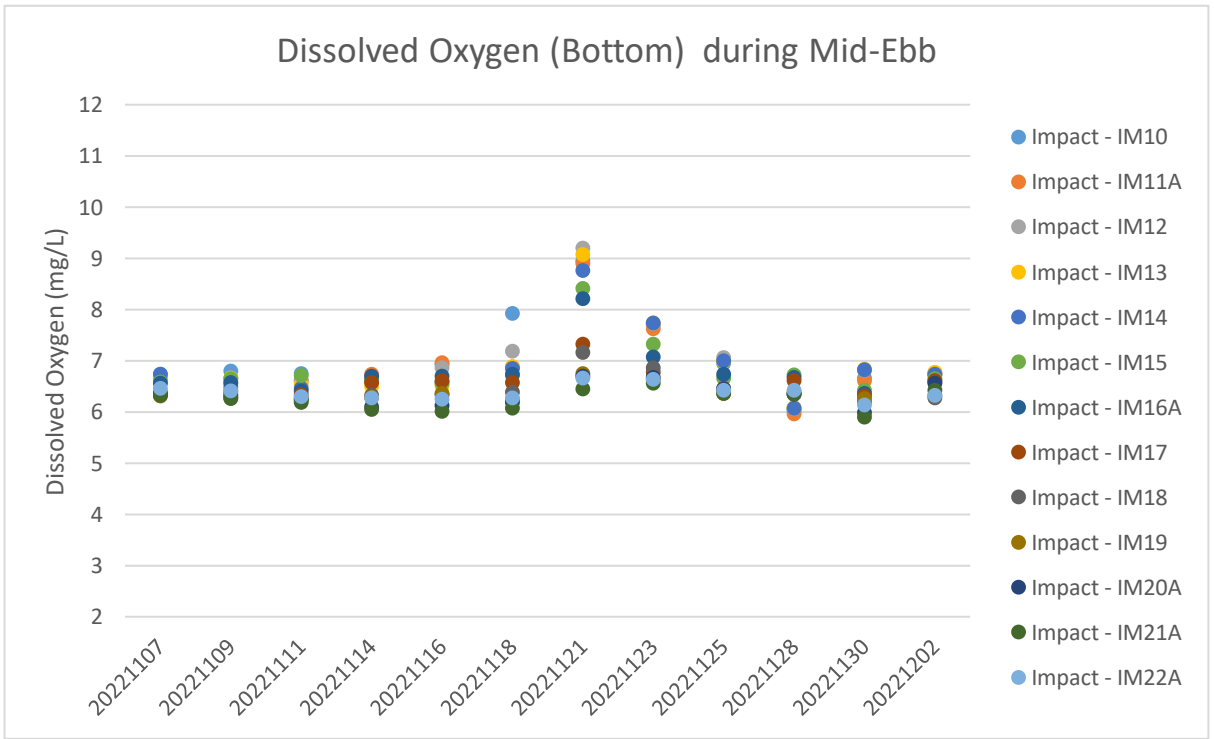


Figure F9l: Levels of Bottom Dissolved Oxygen (mg/L) at impact stations in the western Hong Kong waters (IM10-IM22A) during mid-ebb tides between 7 November and 2 December 2022

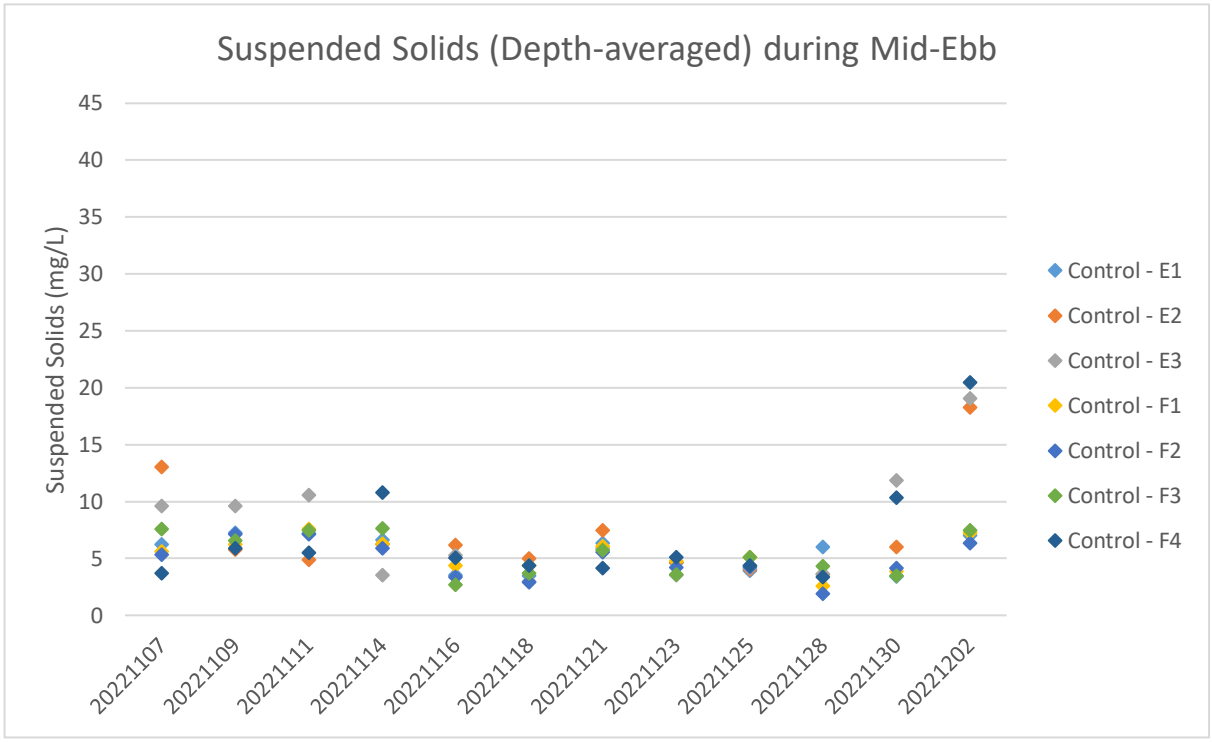


Figure F9m: Levels of Depth-averaged Suspended Solids (mg/L) at control stations in the southern Hong Kong waters (E1-E3, F1-F4) during mid-ebb tides between 7 November and 2 December 2022

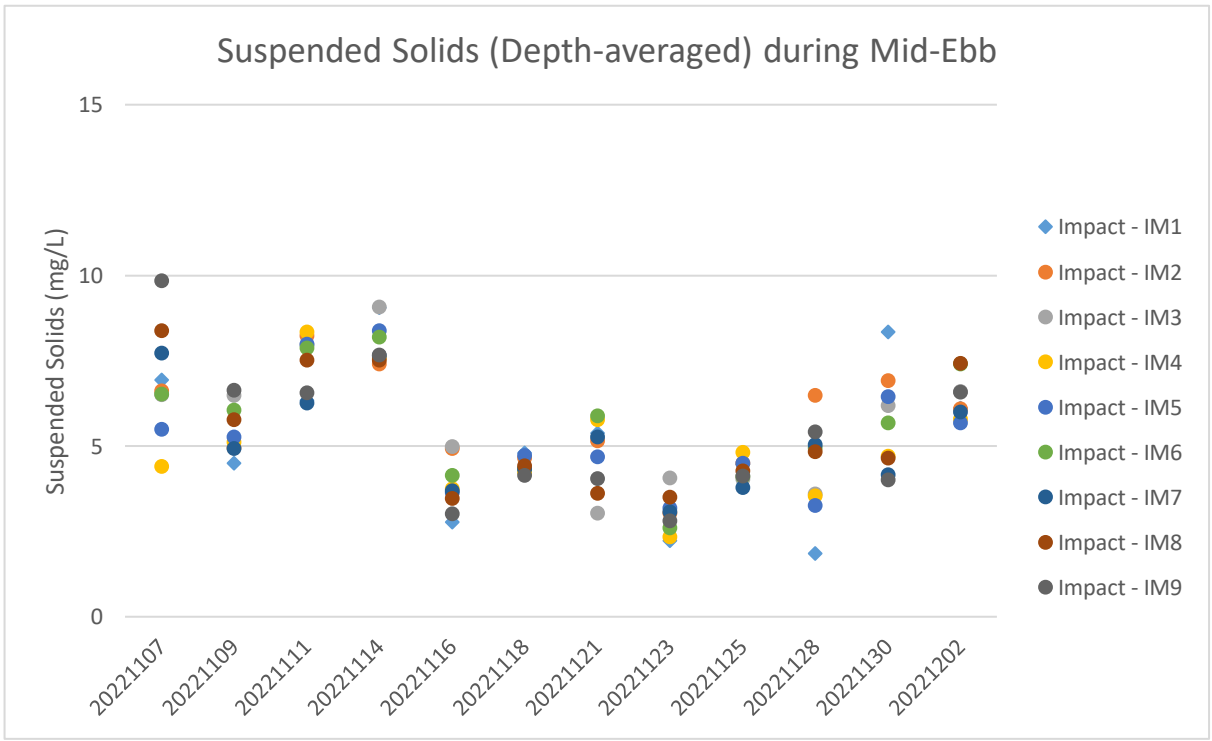


Figure F9n: Levels of Depth-averaged Suspended Solids (mg/L) at impact stations in the southern Hong Kong waters (IM1-IM9) during mid-ebb tides between 7 November and 2 December 2022

Source: P:\Projects\0505354 CLP Power Hong Kong Limited FSRU Pre-con EM&A.RC\07 Data\12 Post-Construction WQ

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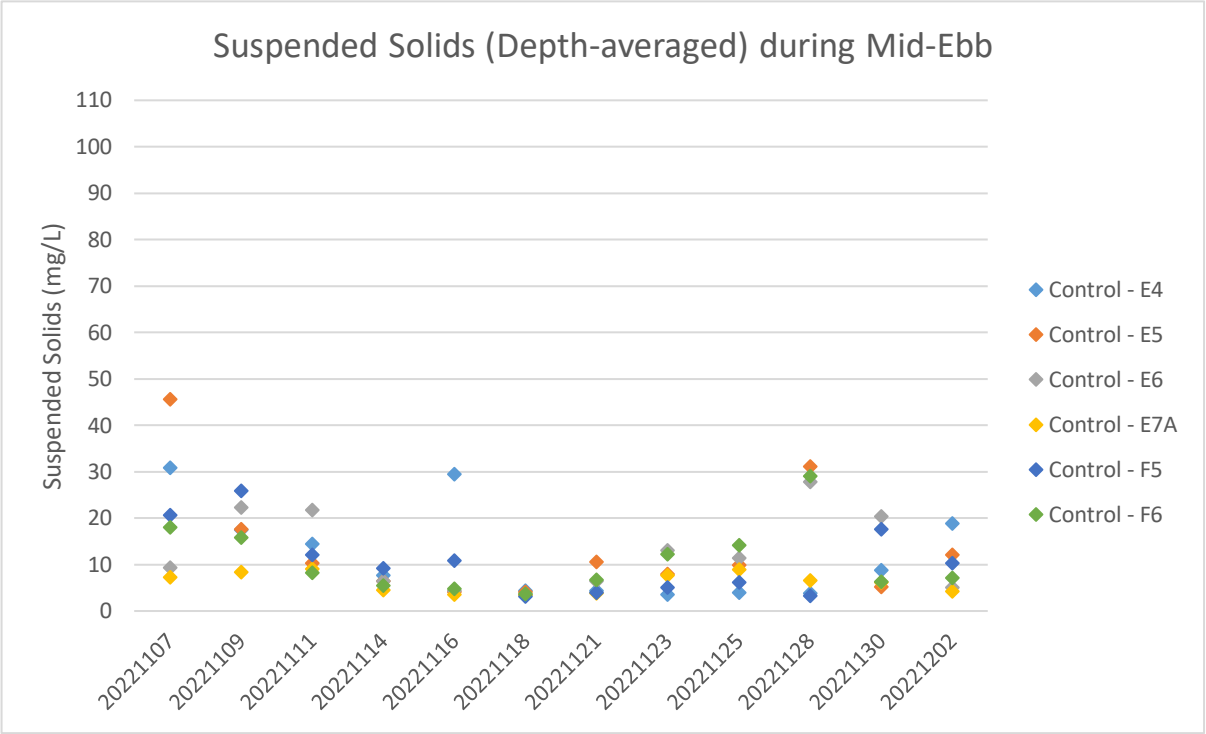


Figure F9o: Levels of Depth-averaged Suspended Solids (mg/L) at control stations in the western Hong Kong waters (E4-E7A, F5-F6) during mid-ebb tides between 7 November and 2 December 2022

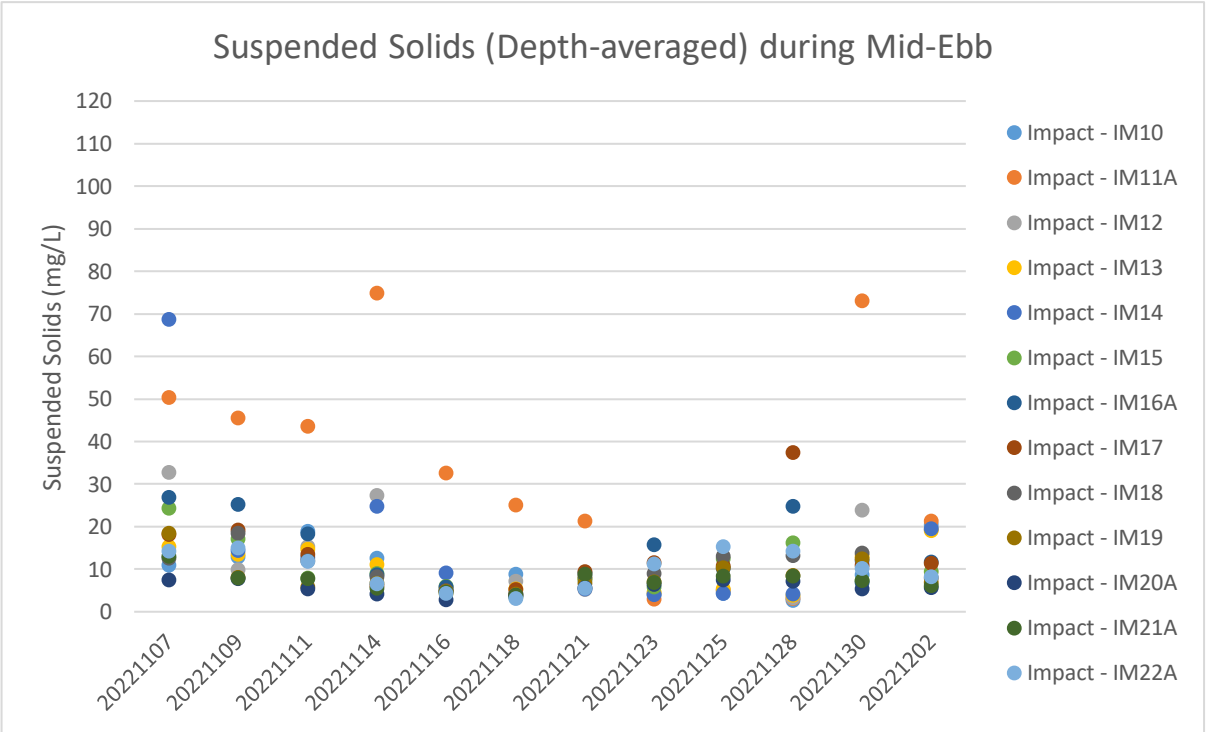


Figure F9p: Levels of Depth-averaged Suspended Solids (mg/L) at impact stations in the western Hong Kong waters (IM10-IM22A) during mid-ebb tides between 7 November and 2 December 2022

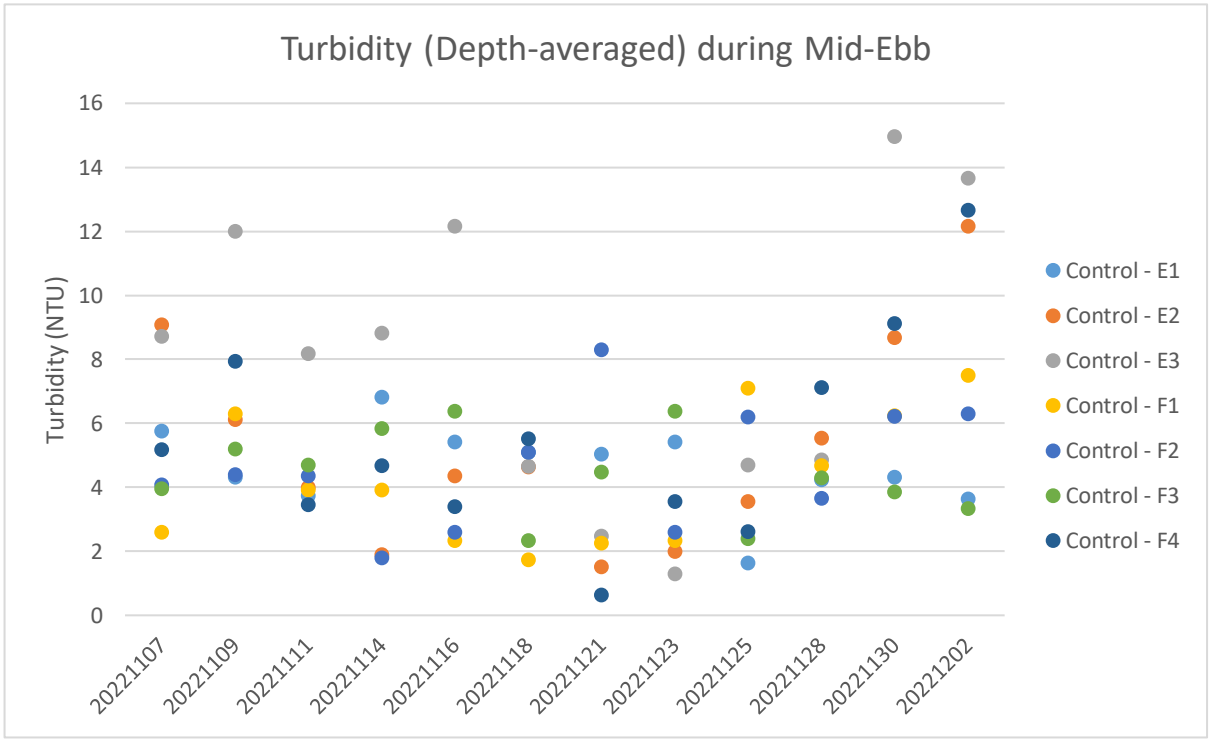


Figure F9q: Levels of Depth-averaged Turbidity (NTU) at control stations in the southern Hong Kong waters (E1-E3, F1-F4) during mid-ebb tides between 7 November and 2 December 2022

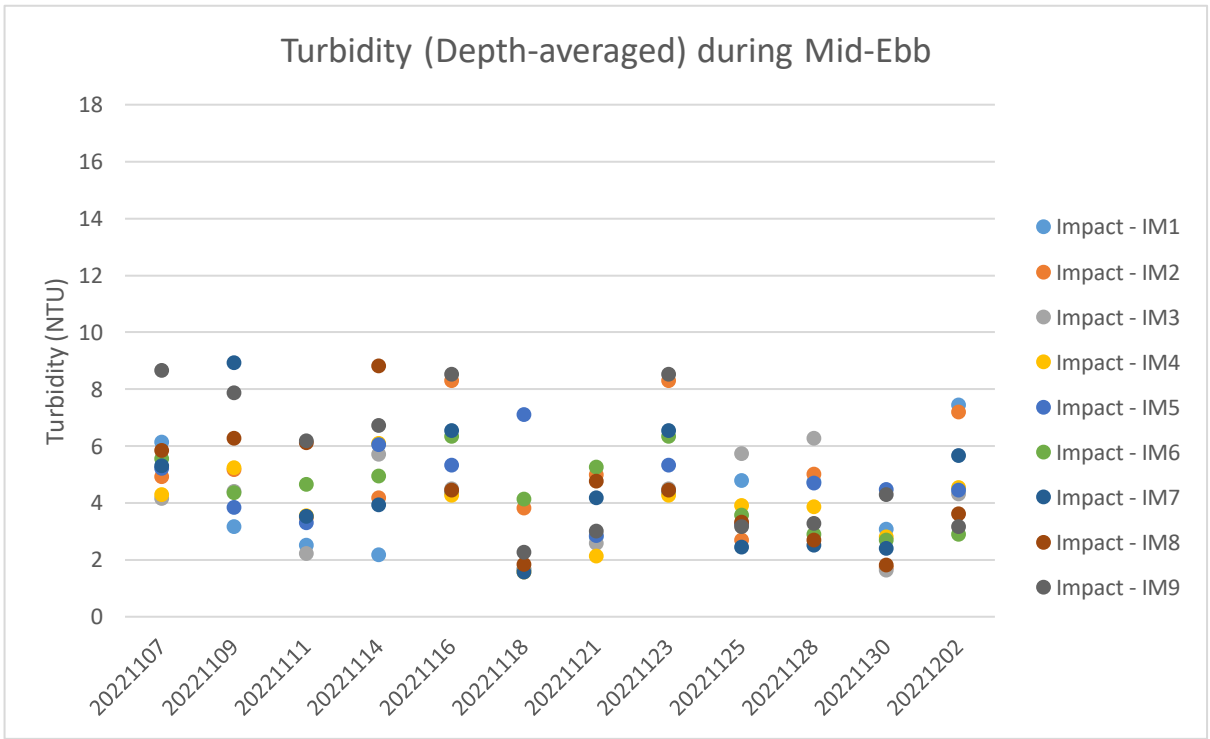


Figure F9r: Levels of Depth-averaged Turbidity (NTU) at impact stations in the southern Hong Kong waters (IM1-IM9) during mid-ebb tides between 7 November and 2 December 2022

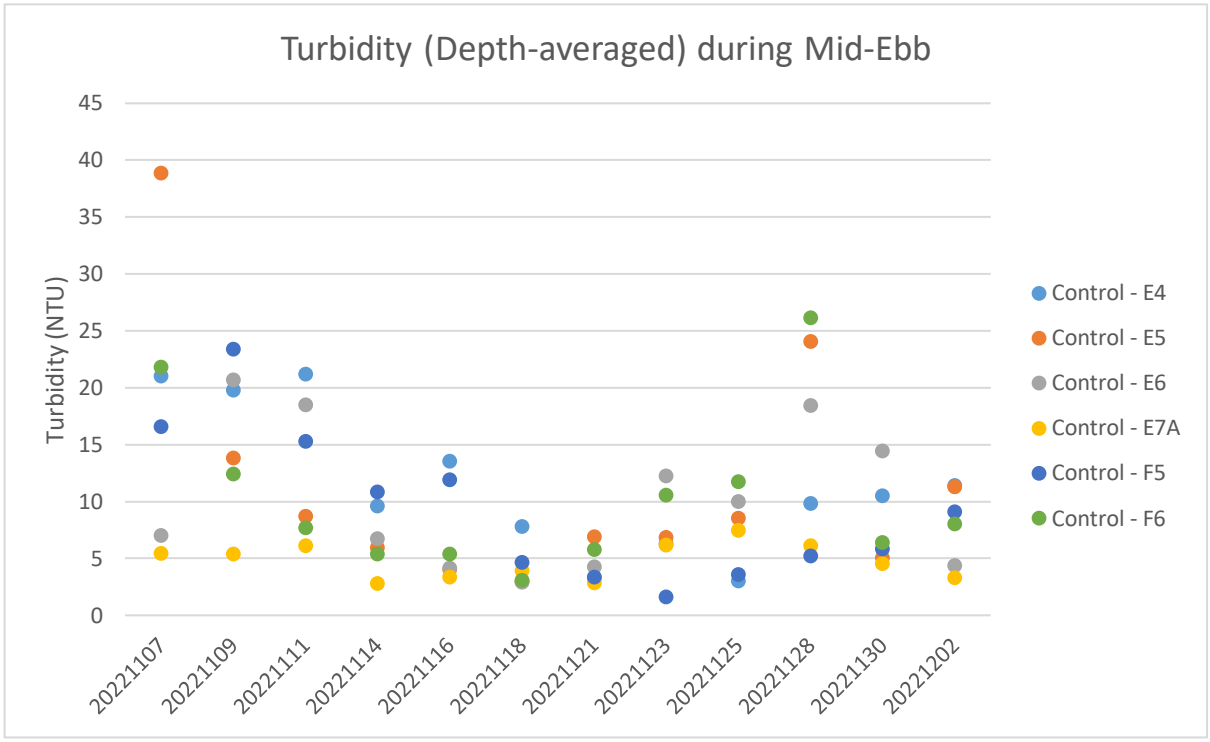


Figure F9s: Levels of Depth-averaged Turbidity (NTU) at control stations in the western Hong Kong waters (E4-E7A, F5-F6) during mid-ebb tides between 7 November and 2 December 2022

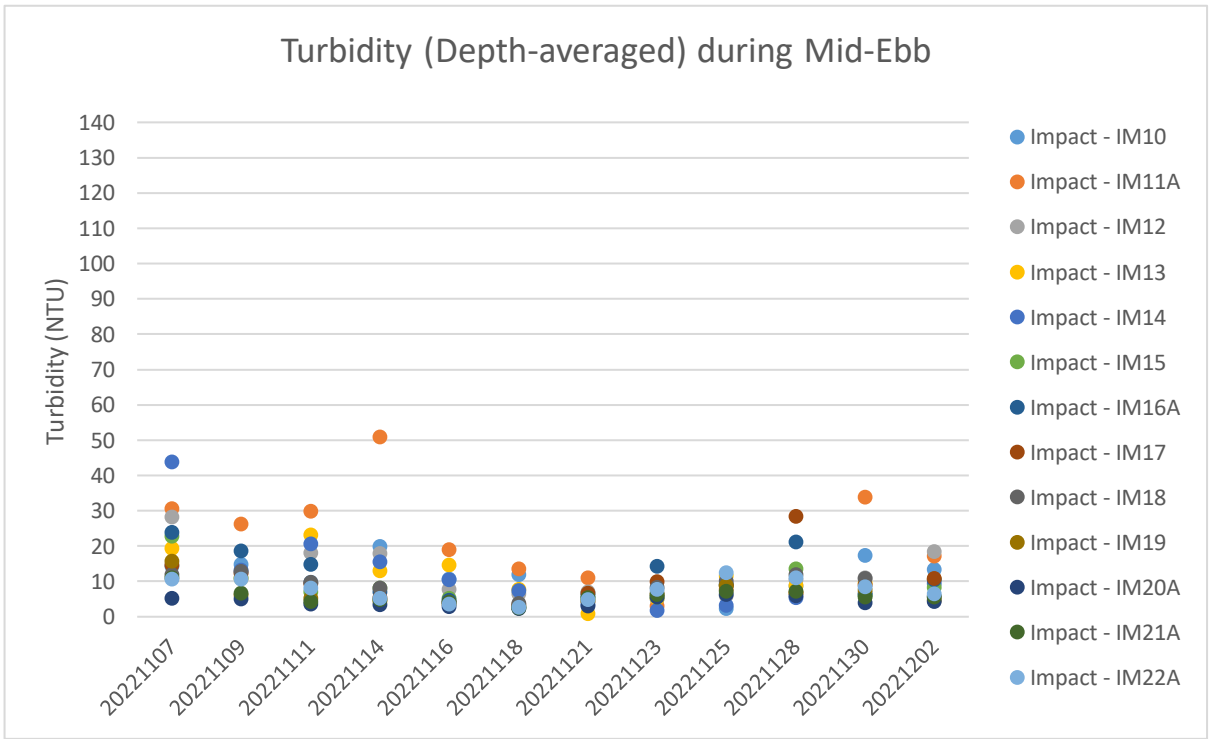


Figure F9t: Levels of Depth-averaged Turbidity (NTU) at impact stations in the western Hong Kong waters (IM10-IM22A) during mid-ebb tides between 7 November and 2 December 2022

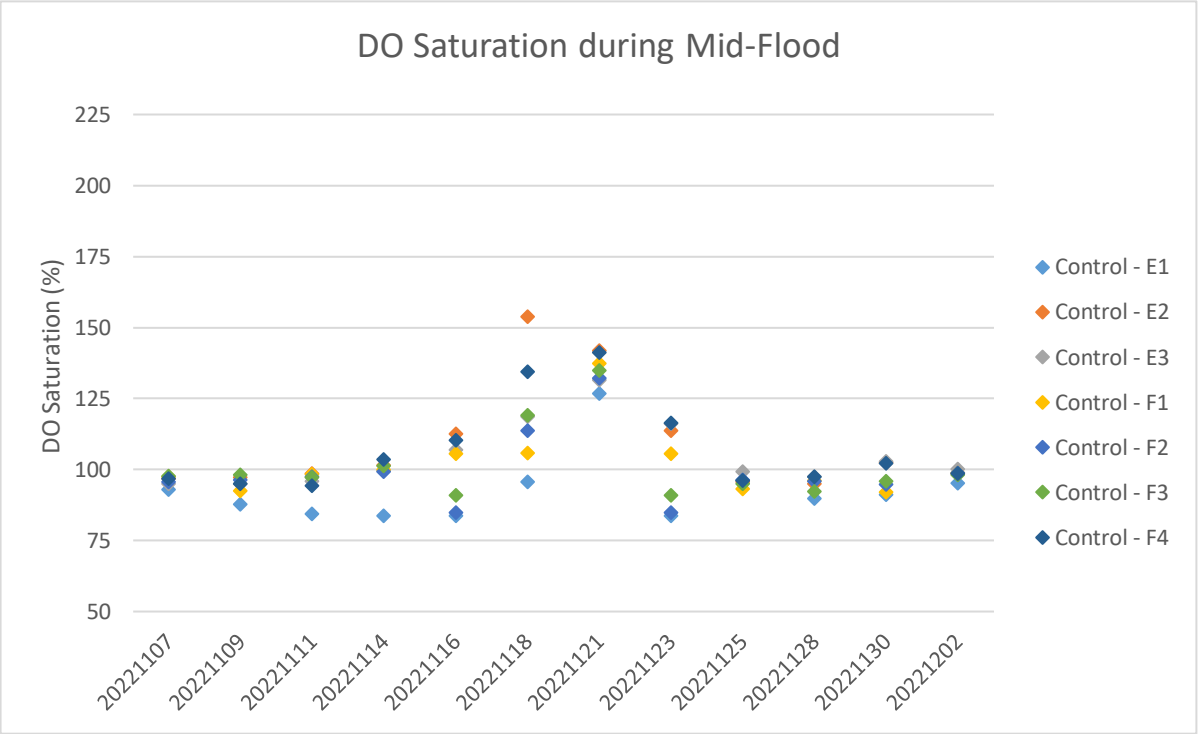


Figure F10a: Levels of Depth-averaged Dissolved Oxygen Saturation (%) at control stations in the southern Hong Kong waters (E1-E3, F1-F4) during mid-flood tides between 7 November and 2 December 2022

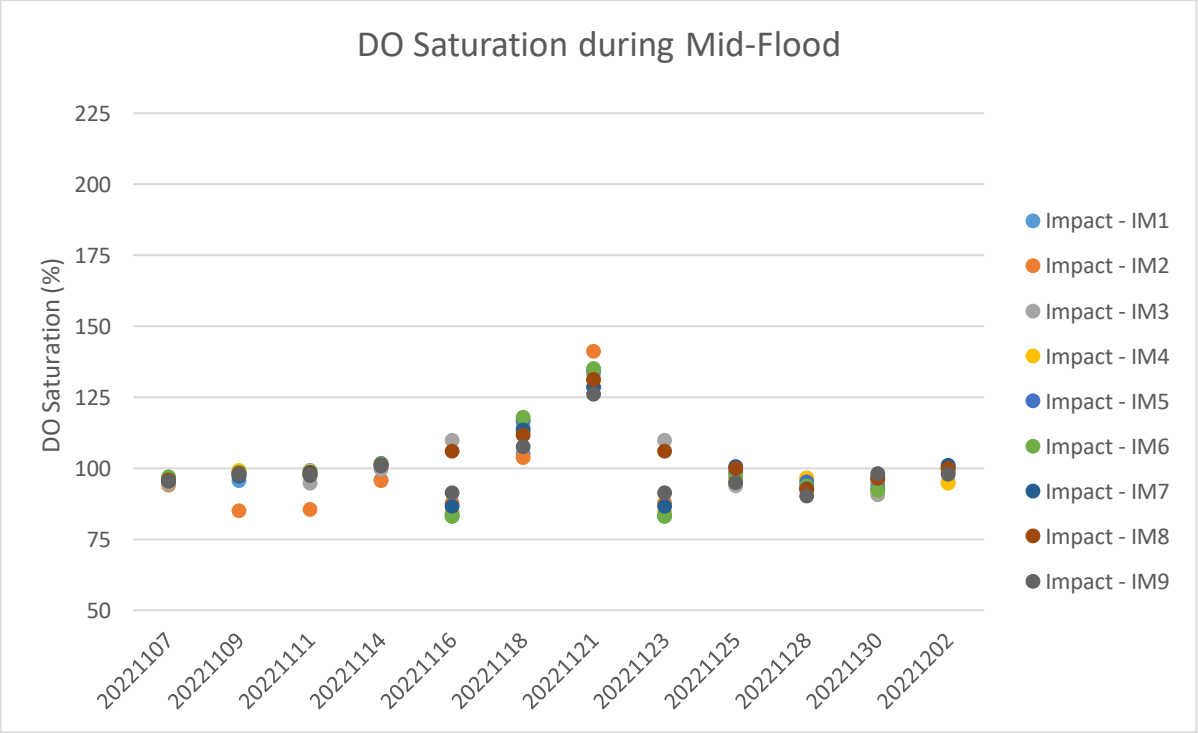


Figure F10b: Levels of Depth-averaged Dissolved Oxygen Saturation (%) at impact stations in the southern Hong Kong waters (IM1-IM9) during mid-flood tides between 7 November and 2 December 2022

Source: P:\Projects\0505354 CLP Power Hong Kong Limited FSRU Pre-con EM&A.RC\07 Data\12 Post-Construction WQ

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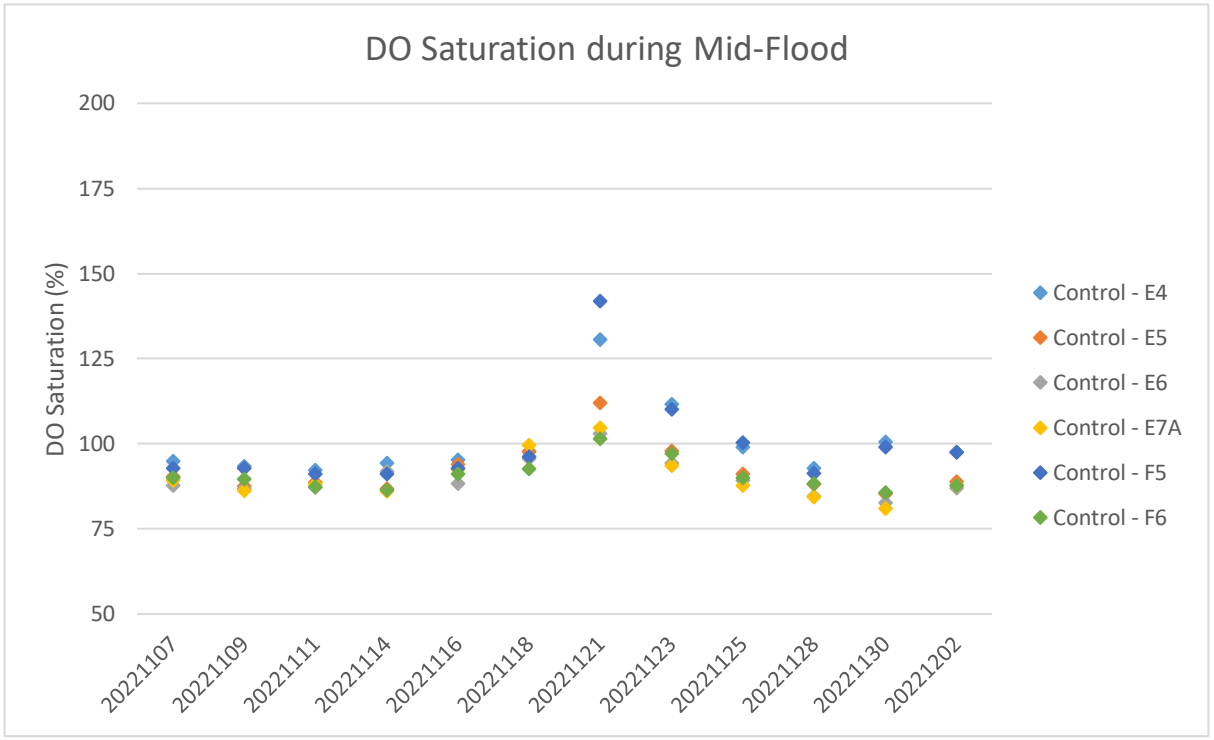


Figure F10c: Levels of Depth-averaged Dissolved Oxygen Saturation (%) at control stations in the western Hong Kong waters (E4-E7A, F5-F6) during mid-flood tides between 7 November and 2 December 2022

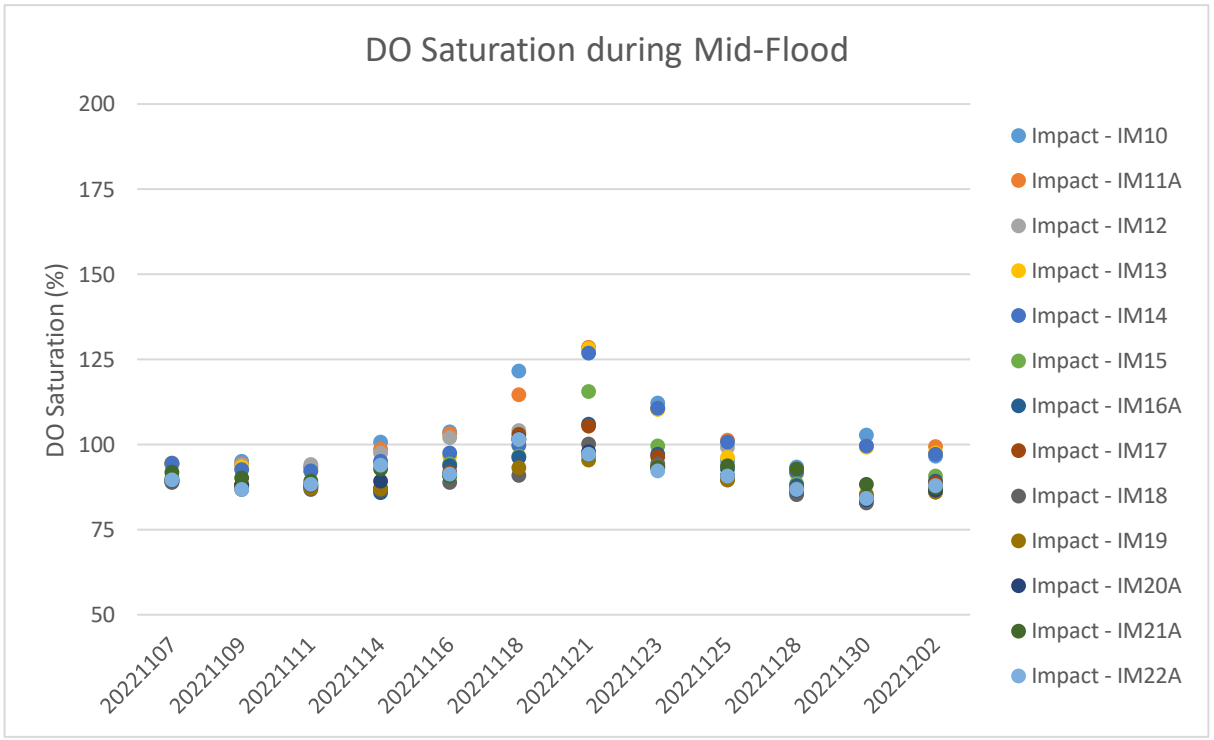


Figure F10d: Levels of Depth-averaged Dissolved Oxygen Saturation (%) at impact stations in the western Hong Kong waters (IM10-IM22A) during mid-flood tides between 7 November and 2 December 2022

Source: P:\Projects\0505354 CLP Power Hong Kong Limited FSRU Pre-con EM&A.RC\07 Data\12 Post-Construction WQ

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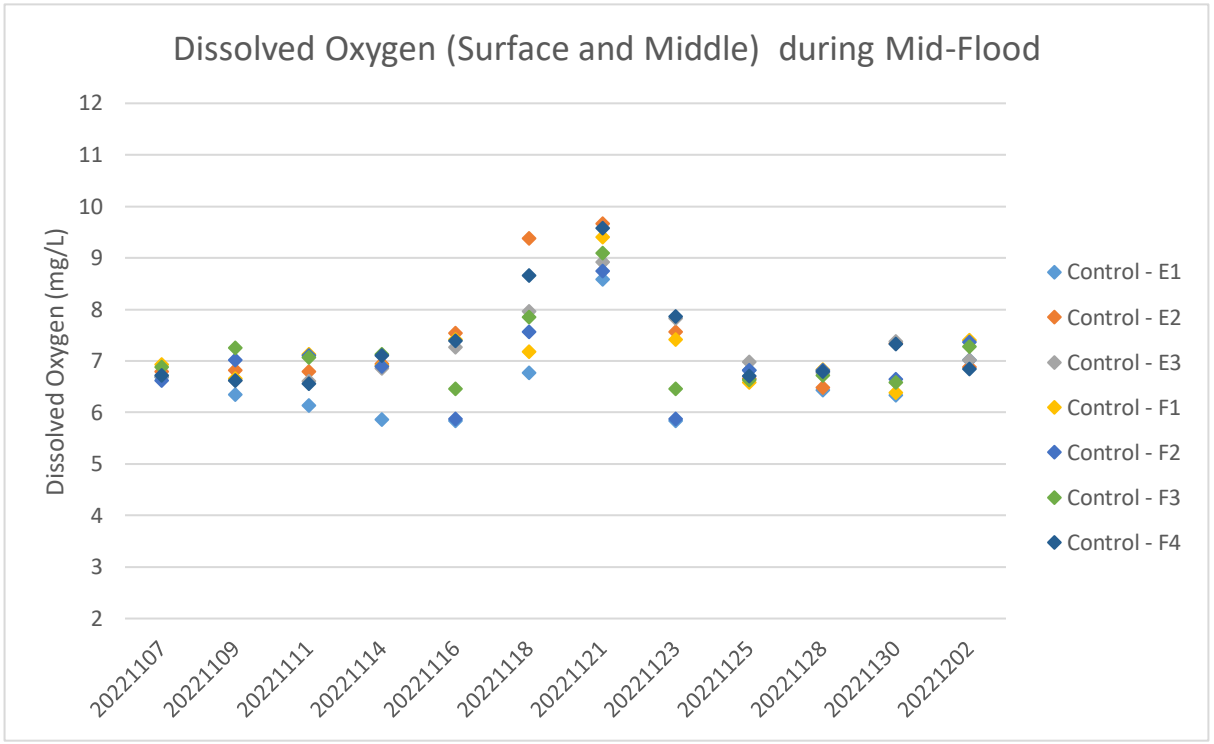


Figure F10e: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control stations in the southern Hong Kong waters (E1-E3, F1-F4) during mid-flood tides between 7 November and 2 December 2022

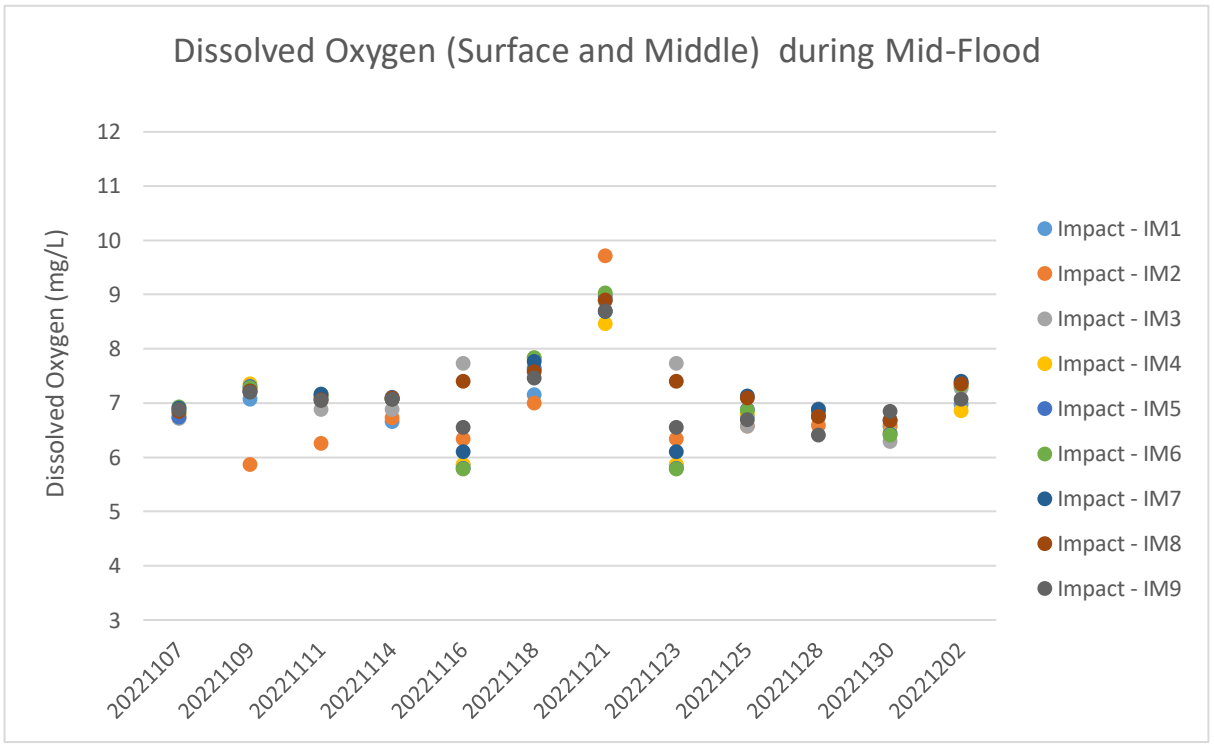


Figure F10f: Levels of Surface and Middle Dissolved Oxygen (mg/L) at impact stations in the southern Hong Kong waters (IM1-IM9) during mid-flood tides between 7 November and 2 December 2022

Source: P:\Projects\0505354 CLP Power Hong Kong Limited FSRU Pre-con EM&A.RC\07 Data\12 Post-Construction WQ

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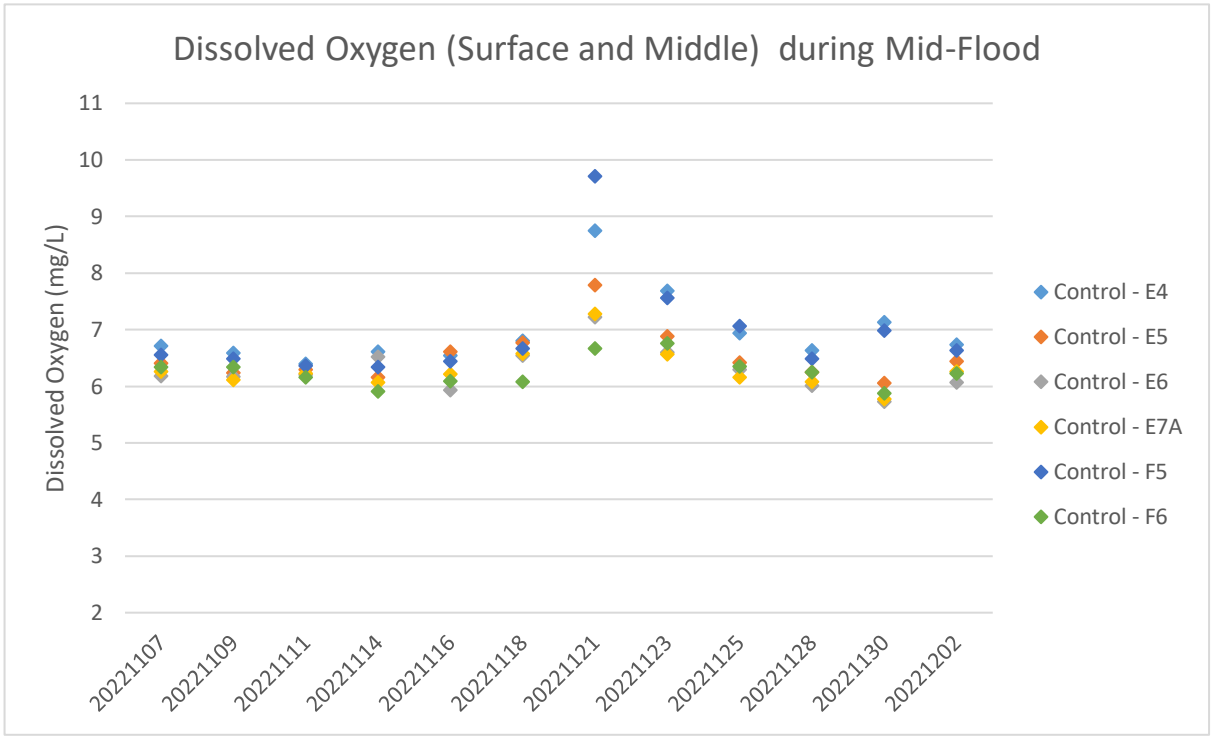


Figure F10g: Levels of Surface and Middle Dissolved Oxygen (mg/L) at control stations in the western Hong Kong waters (E4-E7A, F5-F6) during mid-flood tides between 7 November and 2 December 2022

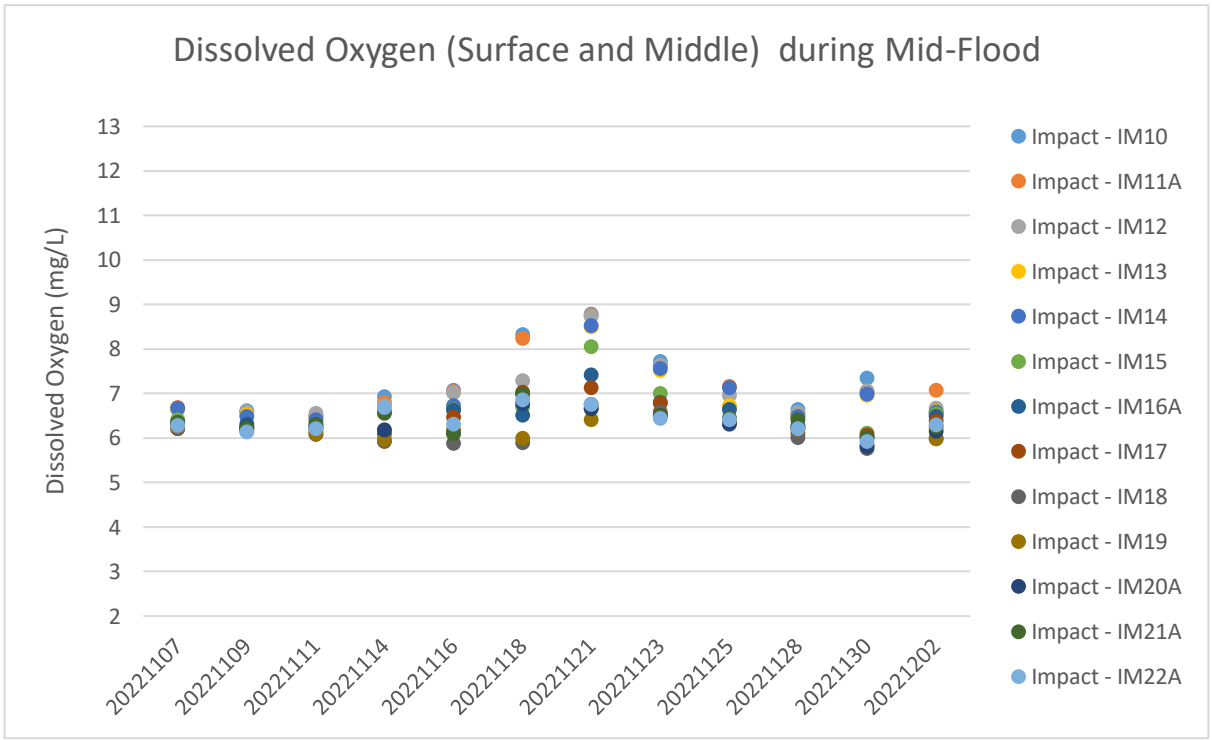


Figure F10h: Levels of Surface and Middle Dissolved Oxygen (mg/L) at impact stations in the western Hong Kong waters (IM10-IM22A) during mid-flood tides between 7 November and 2 December 2022

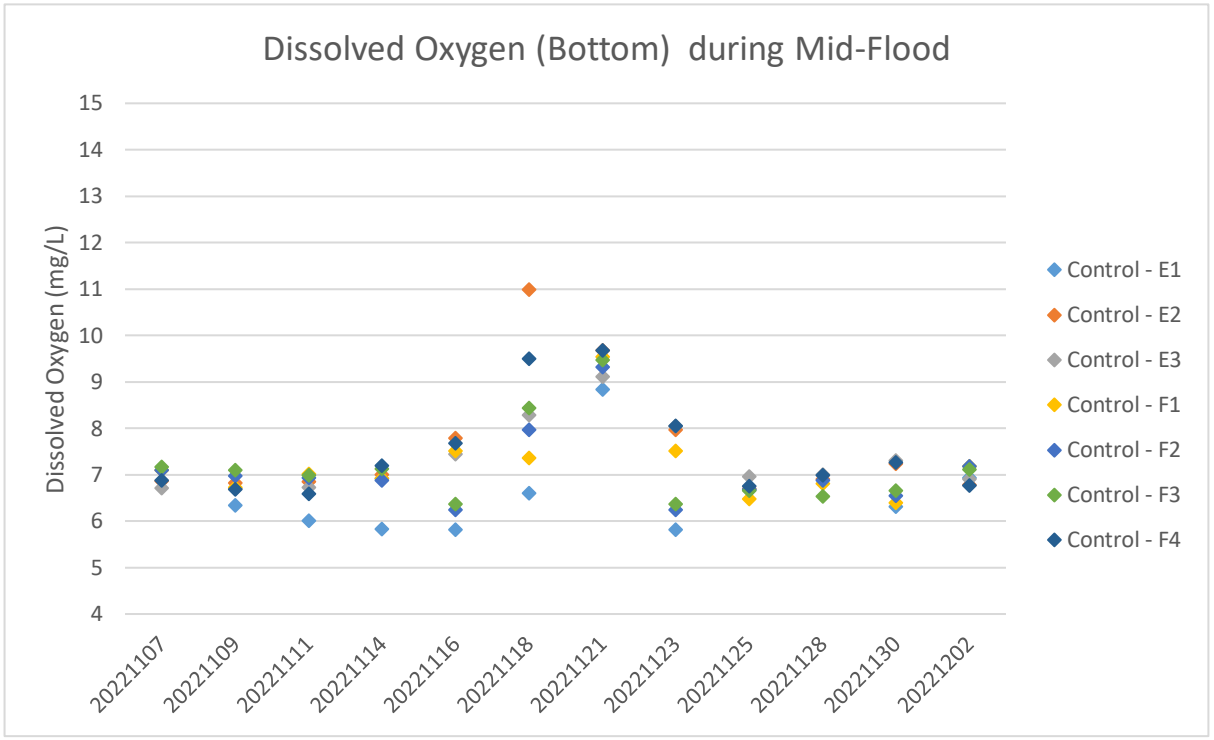


Figure F10i: Levels of Bottom Dissolved Oxygen (mg/L) at control stations in the southern Hong Kong waters (E1-E3, F1-F4) during mid-flood tides between 7 November and 2 December 2022

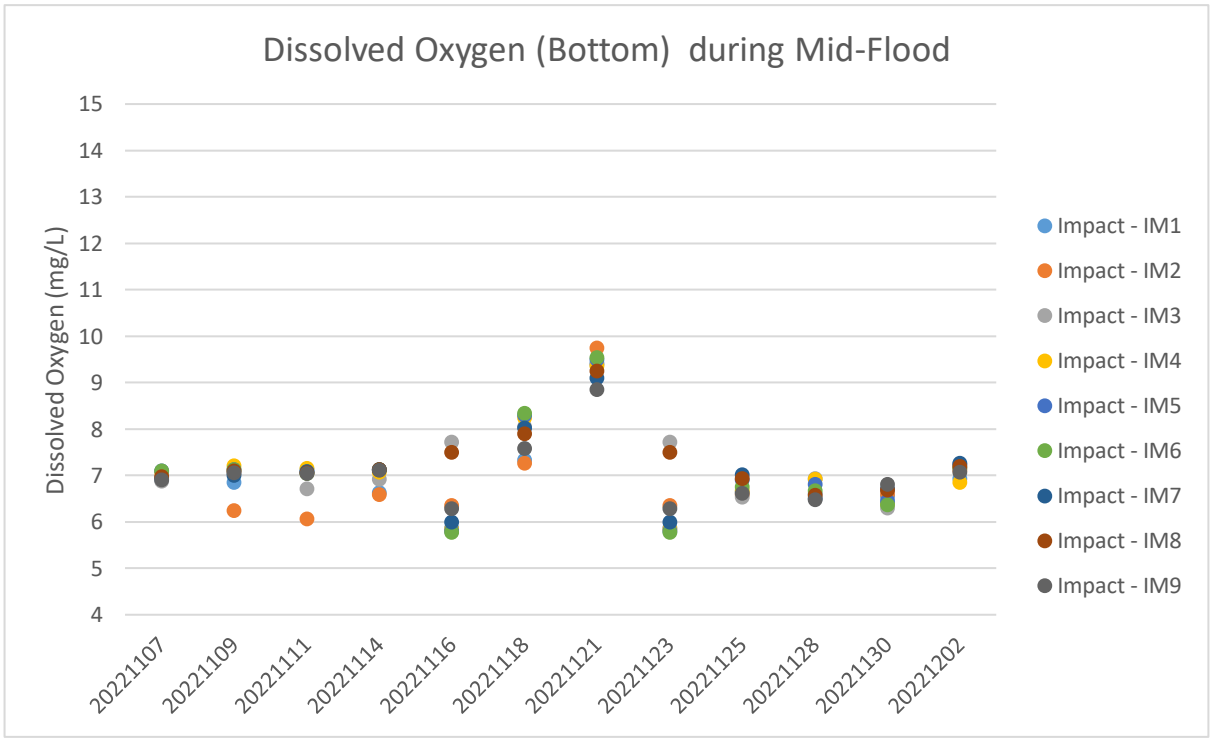


Figure F10j: Levels of Bottom Dissolved Oxygen (mg/L) at impact stations in the southern Hong Kong waters (IM1-IM9) during mid-flood tides between 7 November and 2 December 2022

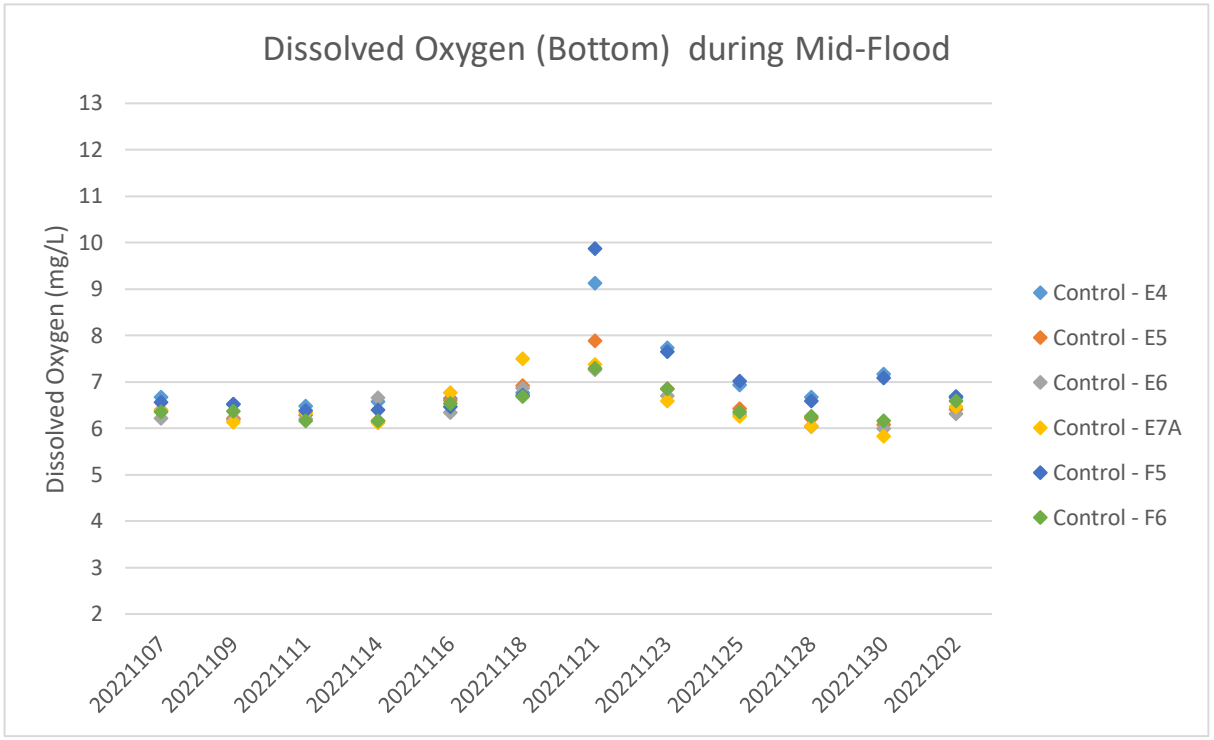


Figure F10k: Levels of Bottom Dissolved Oxygen (mg/L) at control stations in the western Hong Kong waters (E4-E7A, F5-F6) during mid-flood tides between 7 November and 2 December 2022

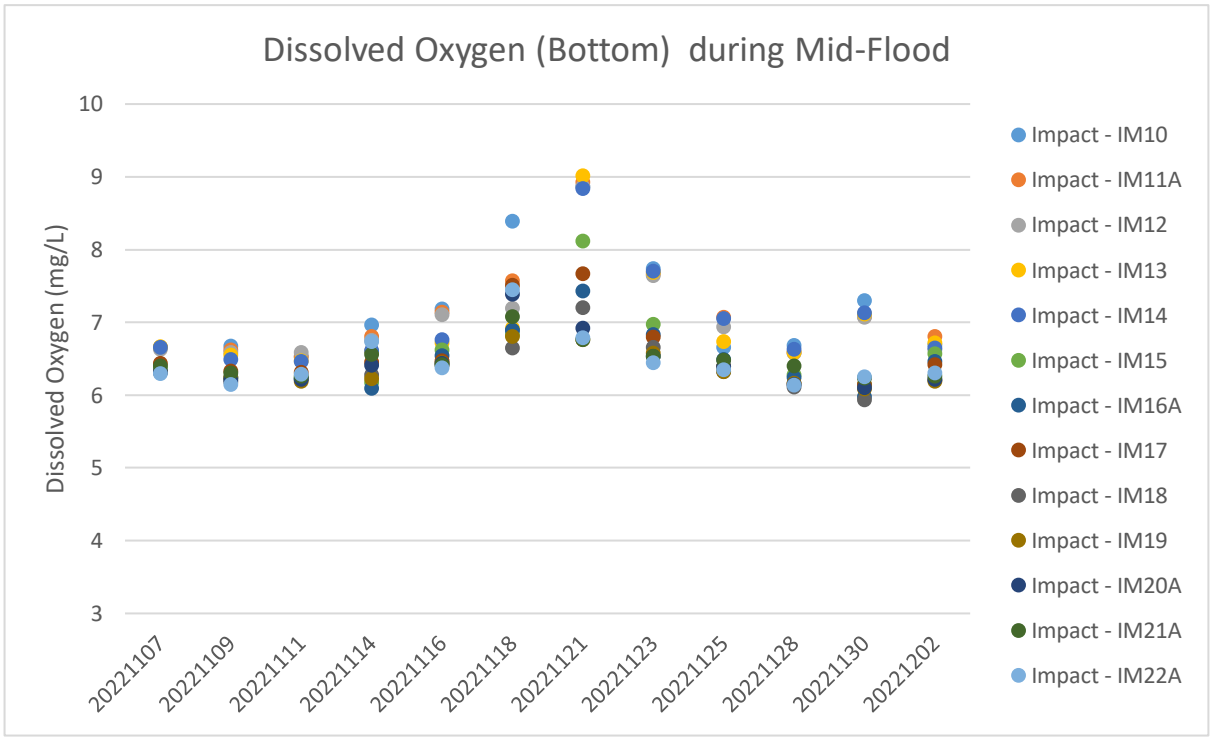


Figure F10l: Levels of Bottom Dissolved Oxygen (mg/L) at impact stations in the western Hong Kong waters (IM10-IM22A) during mid-flood tides between 7 November and 2 December 2022

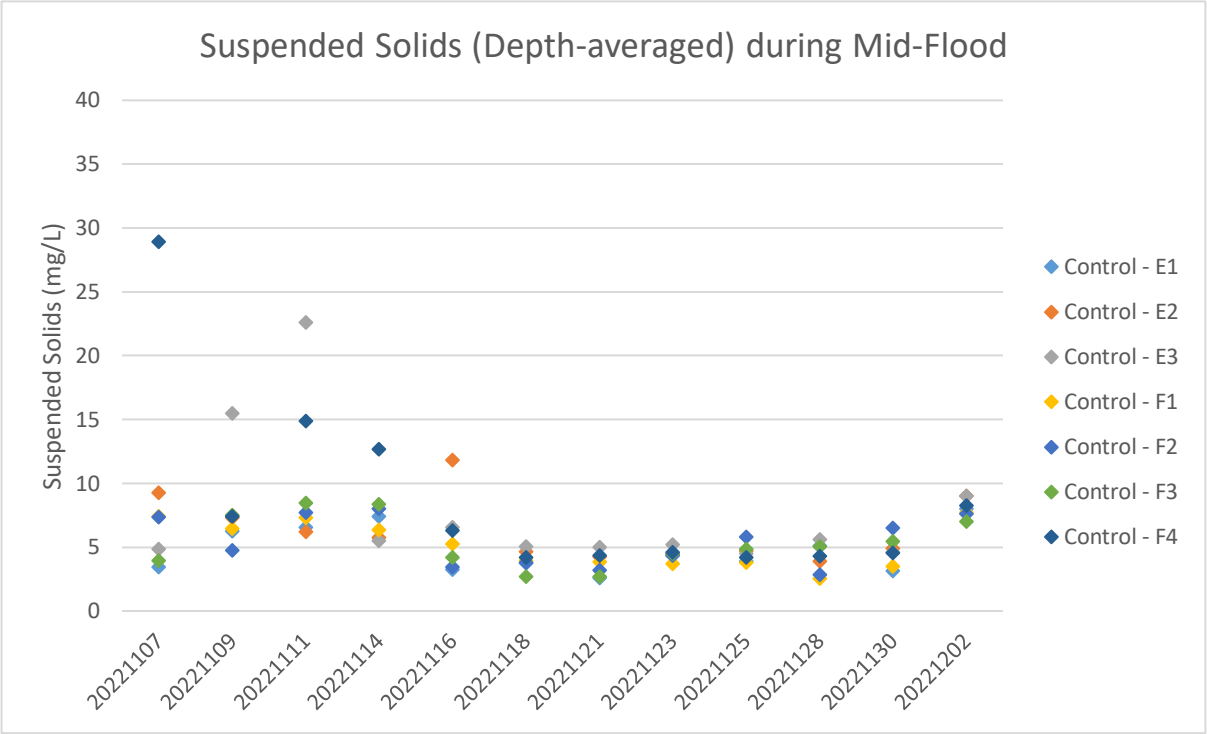


Figure F10m: Levels of Depth-averaged Suspended Solids (mg/L) at control stations in the southern Hong Kong waters (E1-E3, F1-F4) during mid-flood tides between 7 November and 2 December 2022

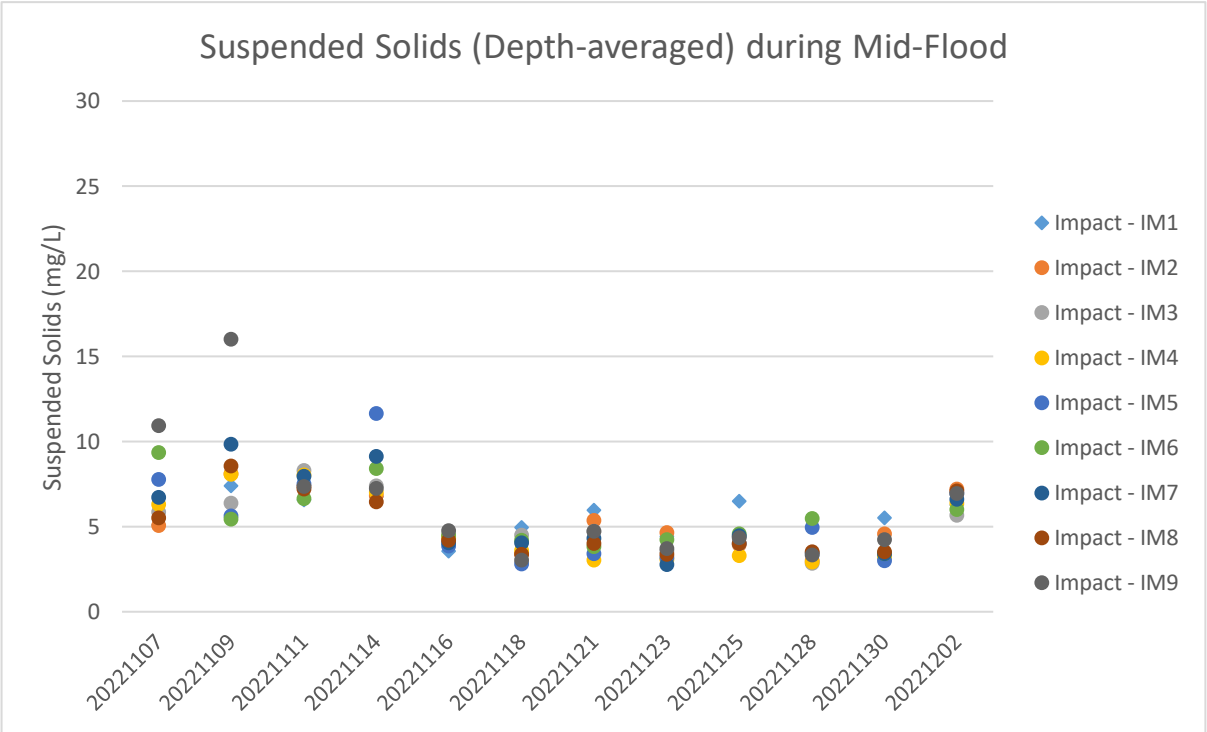


Figure F10n: Levels of Depth-averaged Suspended Solids (mg/L) at impact stations in the southern Hong Kong waters (IM1-IM9) during mid-flood tides between 7 November and 2 December 2022

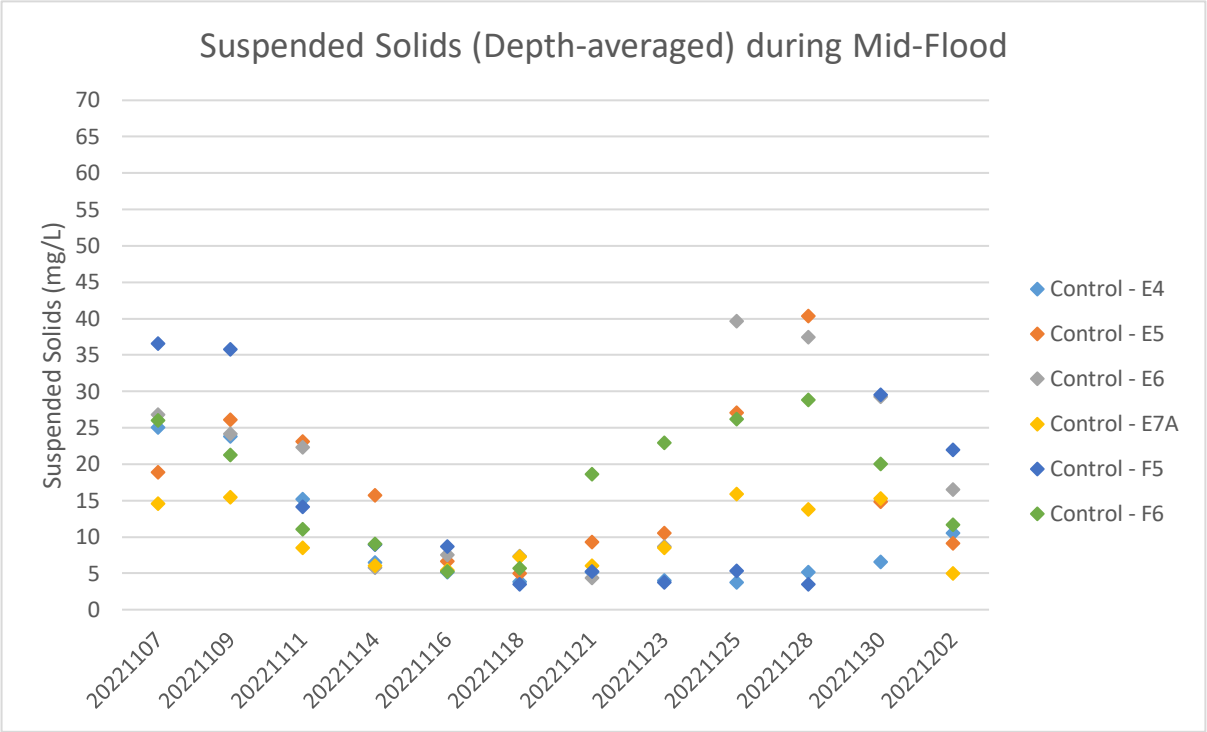


Figure F10o: Levels of Depth-averaged Suspended Solids (mg/L) at control stations in the western Hong Kong waters (E4-E7A, F5-F6) during mid-flood tides between 7 November and 2 December 2022

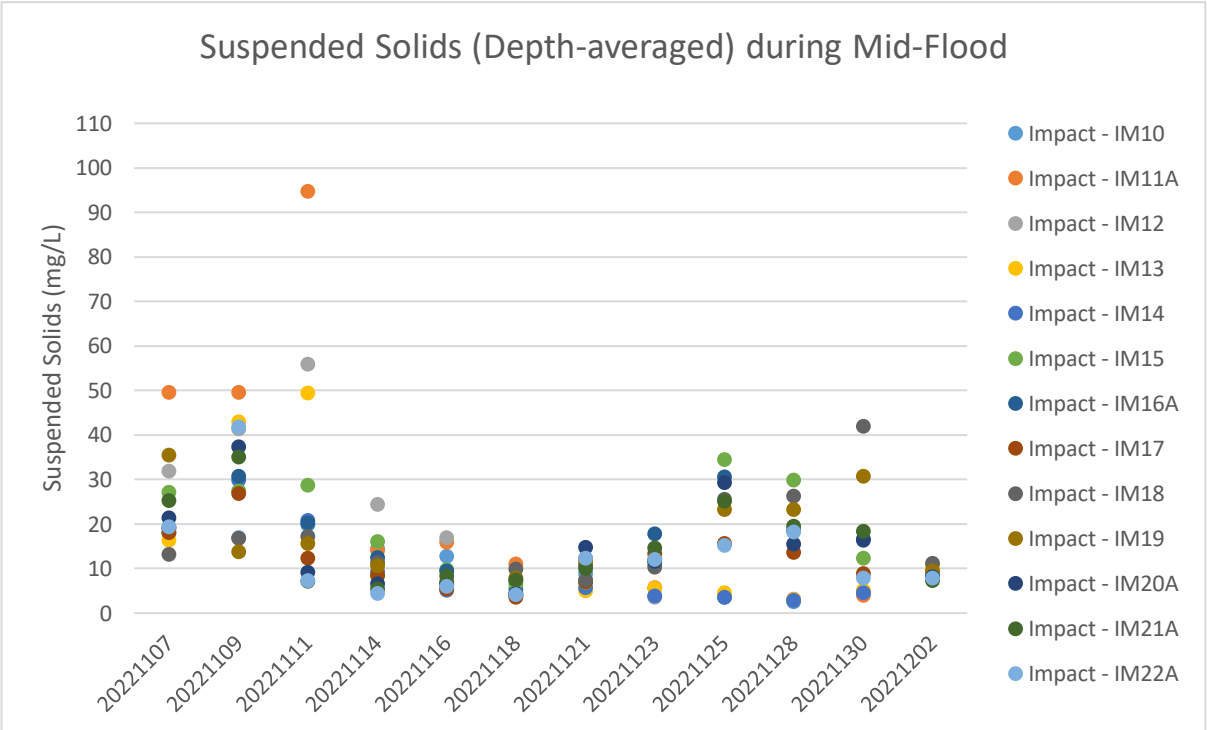


Figure F10p: Levels of Depth-averaged Suspended Solids (mg/L) at impact stations in the western Hong Kong waters (IM10-IM22A) during mid-flood tides between 7 November and 2 December 2022

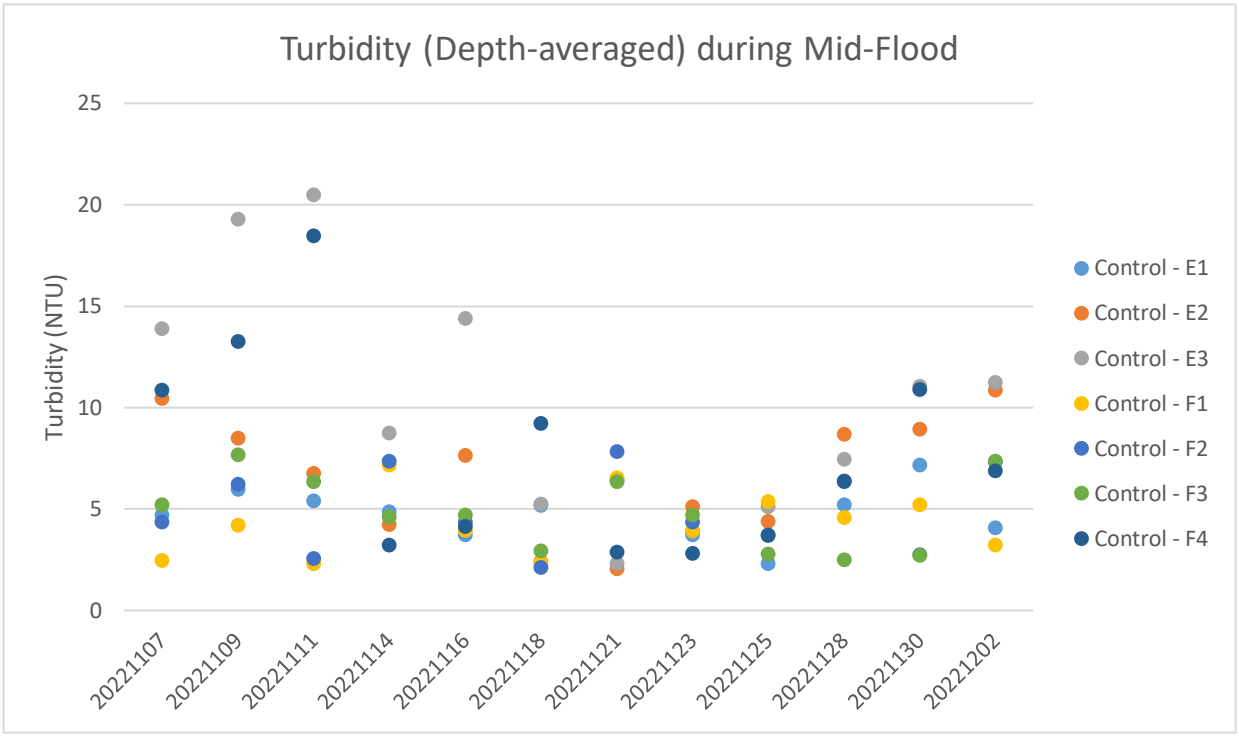


Figure F10q: Levels of Depth-averaged Turbidity (NTU) at control stations in the southern Hong Kong waters (E1-E3, F1-F4) during mid-flood tides between 7 November and 2 December 2022

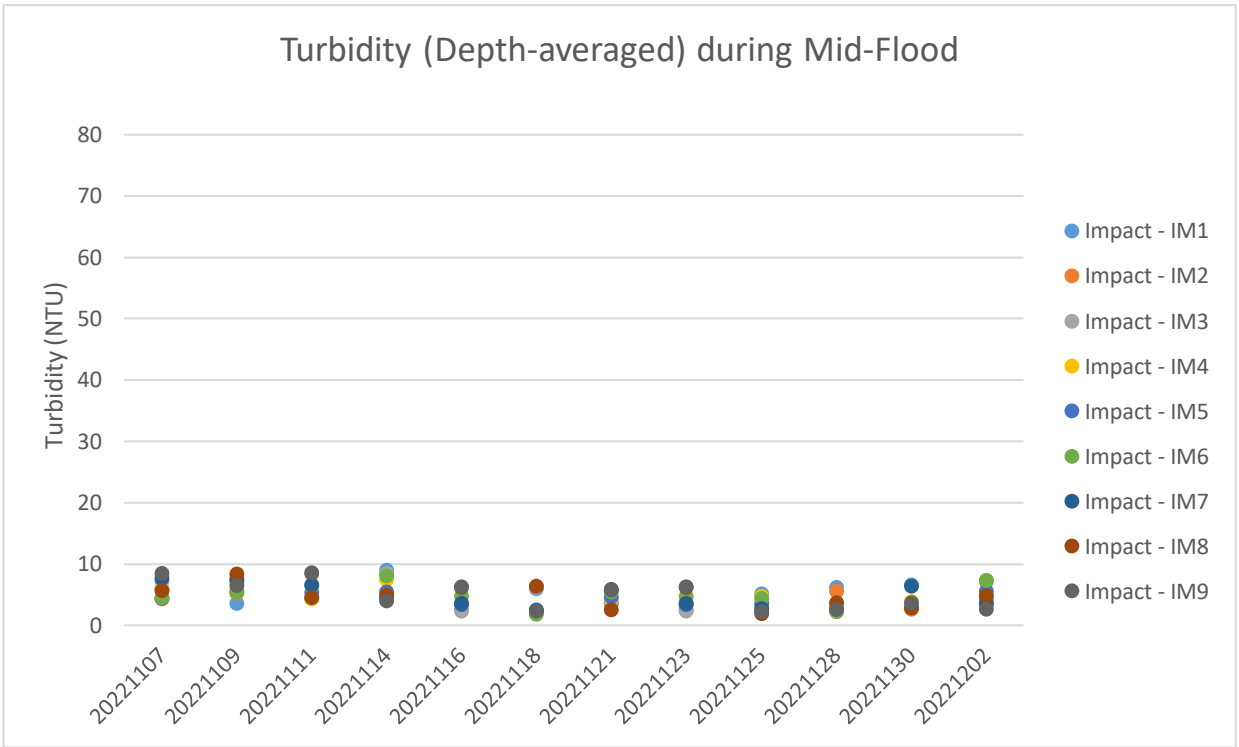


Figure F10r: Levels of Depth-averaged Turbidity (NTU) at impact stations in the southern Hong Kong waters (IM1-IM9) during mid-flood tides between 7 November and 2 December 2022

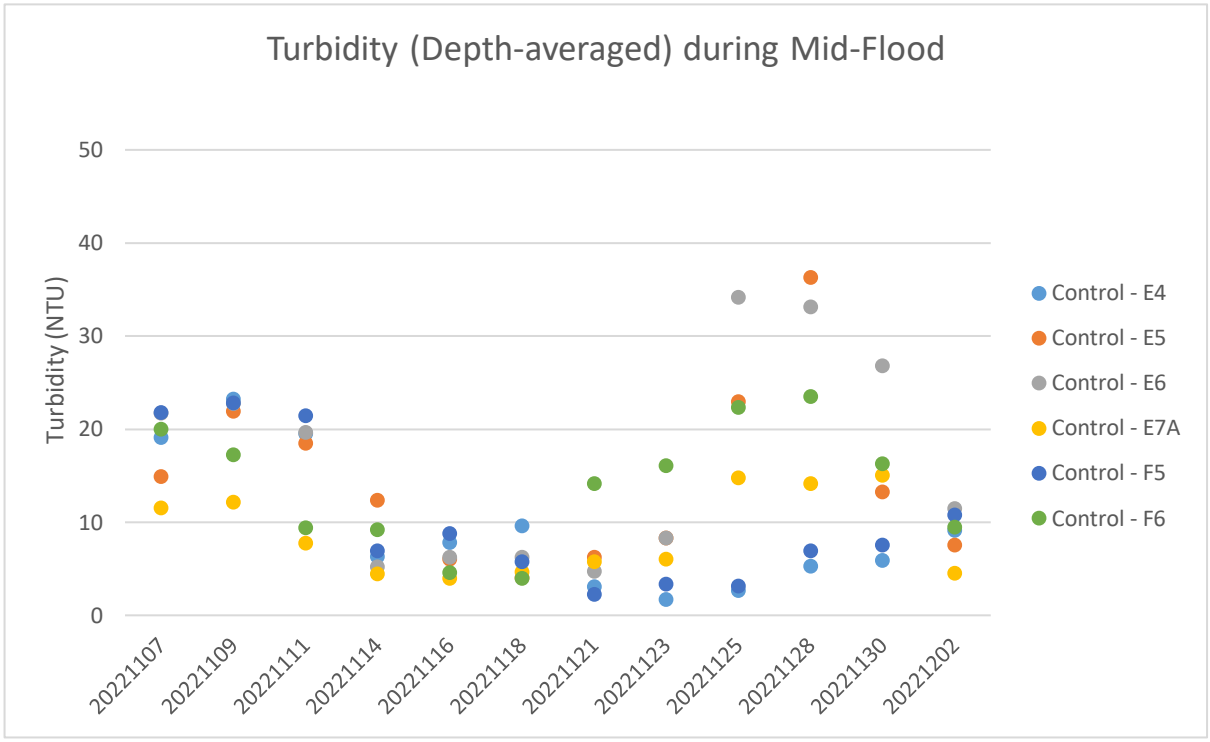


Figure F10s: Levels of Depth-averaged Turbidity (NTU) at control stations in the western Hong Kong waters (E4-E7A, F5-F6) during mid-flood tides between 7 November and 2 December 2022

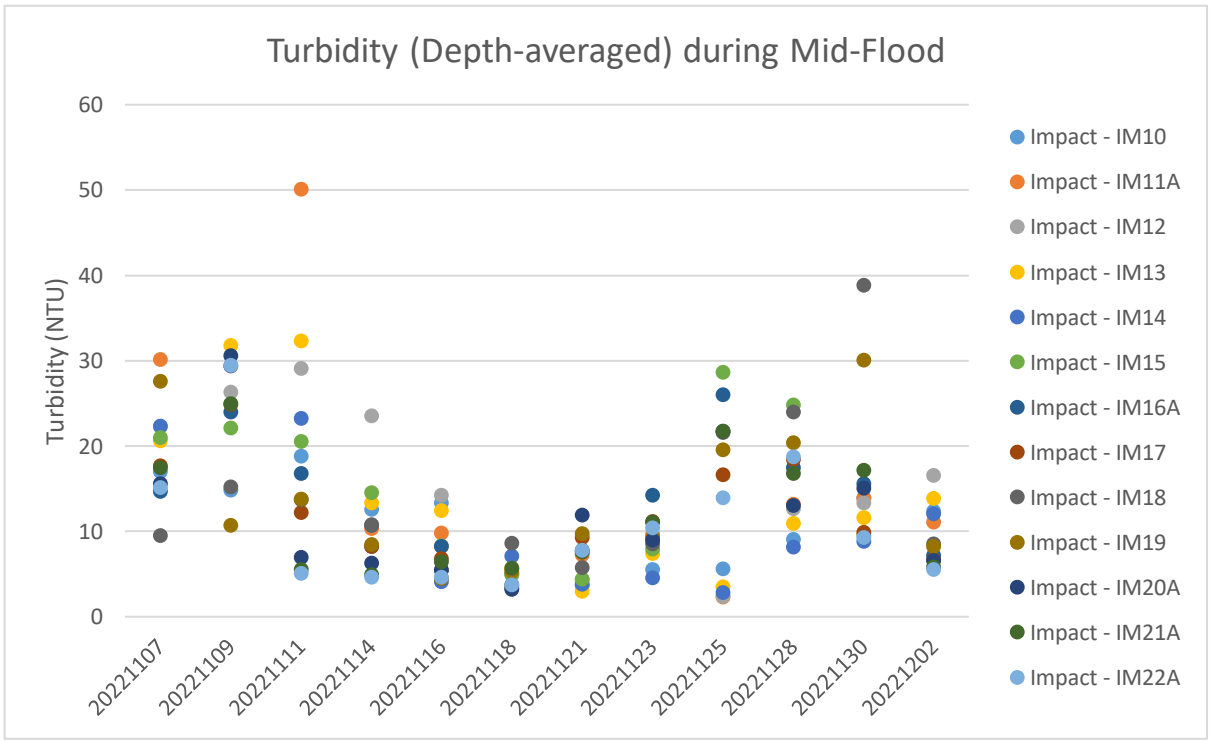


Figure F10t: Levels of Depth-averaged Turbidity (NTU) at impact stations in the western Hong Kong waters (IM10-IM22A) during mid-flood tides between 7 November and 2 December 2022