

Date of Notification: 21 December 2018

Works Inspected: Data collected from water sampling works on 12 December 2018 and the test report was issued on 19 December 2018.

Monitoring Location: Water Quality Monitoring Station

Parameter: ~~Dissolved Oxygen (DO)~~ Suspended Solid (SS)/ Turbidity (TURB)

Action & Limit Level (AL & LL) / Measured Level:

PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)
SS	IS5	DA	23.5 and 120% of upstream control station's suspended solids at the same tide of the same day (i.e. CS2(A): 7.33 x 120% = 8.8 for mid ebb; CS(Mf)5: 5.37 x 120% = 6.4 for mid flood)	34.4 and 130% of upstream control station's suspended solids at the same tide of the same day (i.e. CS2(A): 7.33 x 130% = 9.5 for mid ebb; CS(Mf)5: 5.37 x 130% = 7.0 for mid flood)	11.2	24.6
SS	IS(Mf)9	DA			11.6	25.1

Notes:

- 1) DA means depth average.
- 2) ***Bold Italic*** means AL exceedances.
- 3) ***Bold Italic with underline*** means LL exceedances.

Possible reasons for Action Level Non-compliance:

On 12 December 2018, two Action Level exceedances of suspended solid were recorded at stations IS5 and IS(Mf)9 during mid-flood tide. The exceedances have been investigated and are considered unlikely to be related to the contract works due to the following reasons:

1. Land based transportation of rock materials, landscaping works and re-instatement of Kwo Lo Wan Road were carried out at Zone 3 on 12 December 2018. There was no marine transportation near stations IS5 and IS(Mf)9 during sampling period and no marine works were conducted near stations IS5 and IS(Mf)9. As confirmed by the Contractor, the construction activities were carried out within the deployed silt curtains. Defect of silt curtains was not observed by water sampling team during mid-flood tide on 12 December 2018.
2. The ranges of suspended solid at stations IS5 and IS(Mf)9 during the baseline monitoring are shown as below:

Station	Range of Suspended Solid (mg/L) Mid-Ebb Tide		Range of Suspended Solid (mg/L) Mid-Flood Tide	
IS5	8.1	to	25.7	7 to 23.7
IS(Mf)9	5.5	to	20.1	7.3 to 26

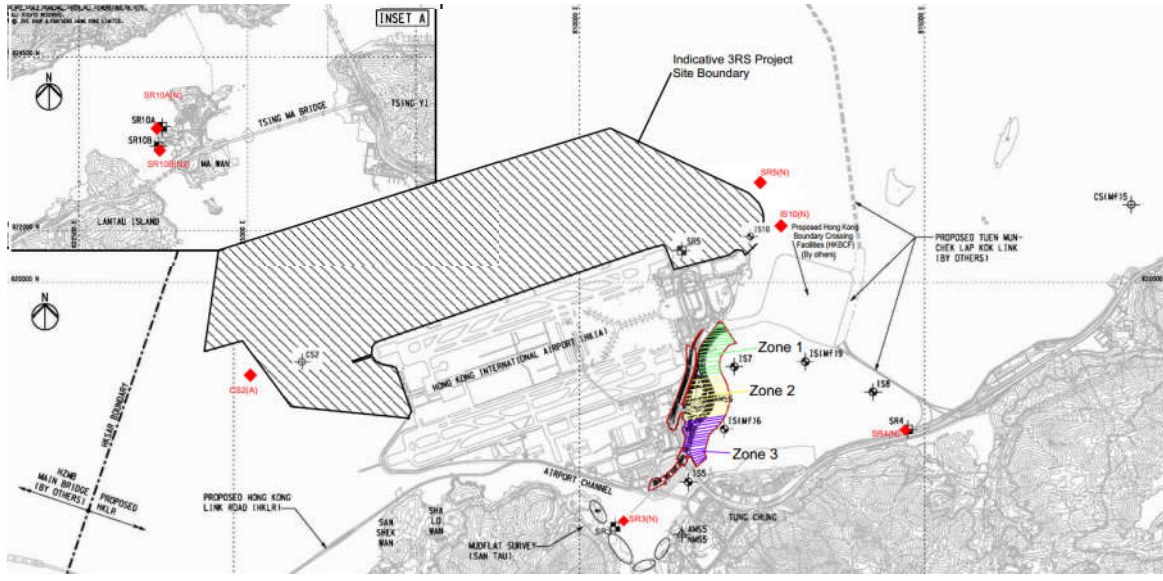
The measured value for mid-flood tide at station IS(Mf)9 was within the range of suspended solid for mid-flood tide during baseline monitoring. The measured value for mid-flood tide at station IS5 was slightly above the range of suspended solid for mid-flood tide during baseline monitoring. However, water appearance was observed moderate (water appearance was observed neither clear nor turbid) and no silt plume was observed in the vicinity of stations IS5 and IS(Mf)9 during the sampling exercise. Also, no abnormality or malpractice for the contract works was observed during the sampling exercise.

3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results. As such, the exceedances of suspended solid level are considered to be attributed to other external factors such as sea condition, rather than the contract works.

Actions taken/ to be taken:

As the suspended solid level recorded beyond the water quality criteria was not related to the contract works, no immediate actions are considered necessary. However, the Contractor is reminded to ensure that the silt curtain is fully maintained throughout the construction works and construction works are carried out under stringent supervision to prevent any water quality impacts to the seawater.

Location Plan:



Reviewed by: Claudine Lee

Title : ET Leader

Date : 17 January 2019

Copied to: Supervising Officer, IEC/ENPO and Contractor

Summary of Notifications of Summons and Prosecutions

Total No. of Notifications of Summons / Prosecutions Received	No. of Notifications of Summons / Prosecutions Received during Reporting Period	Status of Notifications of Summons / Prosecutions
0	0	N/A