

**Contract No. HY/2011/03 -
Hong Kong- Zhuhai- Macao Bridge
Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities
Notifications of Environmental Quality Limits Exceedances**

Notification No.: 294s ver 0

Date of Notification: 23 May 2019

Works Inspected: Data collected from water sampling works on 15 May 2019 and the test report was issued on 22 May 2019.

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	IS8	DA	23.5 and 120% of upstream control station's suspended solids at the same tide of the same day (i.e. CS2(A): 6.87 x 120% = 8.2 for mid ebb; CS(Mf)5: 6.30 x 120% = 7.6 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): 6.87 x 130% = 8.9 for mid ebb; CS(Mf)5: 6.30 x 130% = 8.2 for mid flood)	30.7	11.4

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:

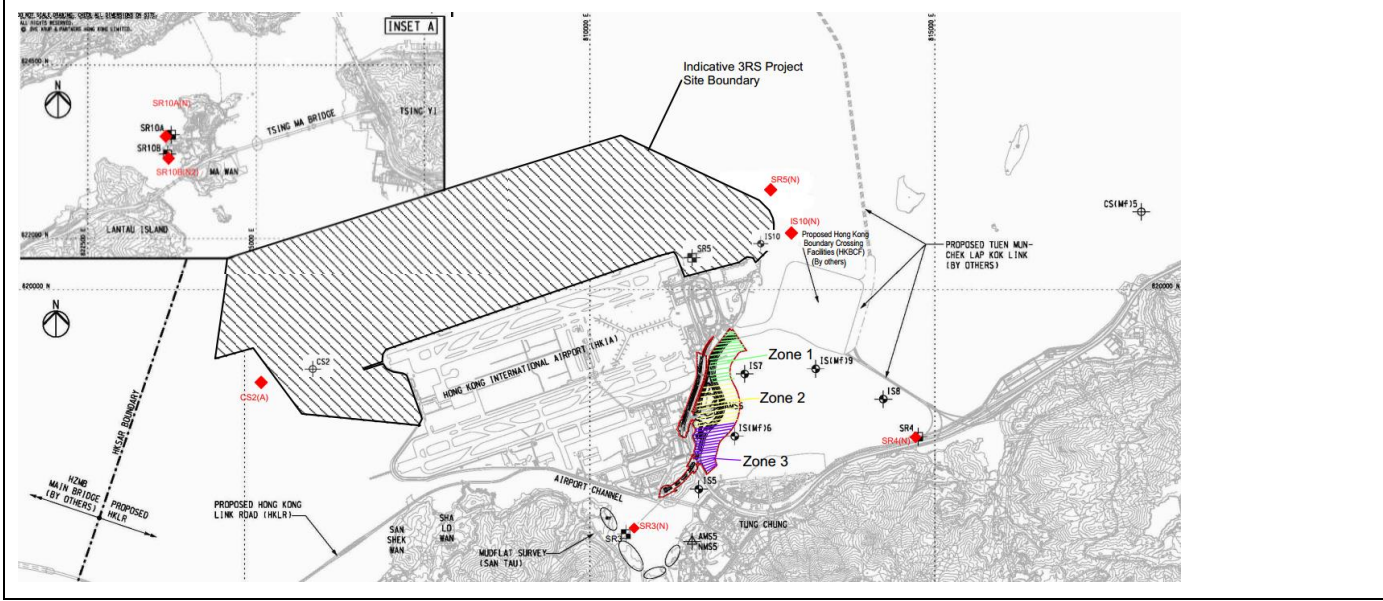
On 15 May 2019, an Action Level exceedance of suspended solid was recorded at station IS8 during mid-ebb tide. The exceedance has been investigated and is considered unlikely to be related to the contract works due to the following reasons:

1. Land-based work including landscaping works at Zone 1 and seawall construction at Zone 1 and 2 were carried out on 15 May 2019. The silt curtains for this Contract were under maintenance on 15 May 2019. No wastewater was discharged from work areas of this Contract to the open water on 15 May 2019. It is also noted that exceedances were not recorded at stations IS5, IS(Mf)6 and IS7 which are located close to the site boundary of this Contract. No marine based works were conducted and there was no marine transportation near station IS8 which is located far away the site boundary of this Contract (over 1.5 km).
2. Water appearance was observed moderate (neither clear nor turbid) at IS8 during sampling exercise. However, no silt plume was observed in the vicinity of station IS8 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 exceedance of suspended solid level is 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 : 4 June 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