

**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.: 293s ver 1

Date of Notification: 1 April 2019

Works Inspected: Data collected from water sampling works on 25 March 2019 and the test report was issued on 29 March 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): 6.28 x 120% = 7.5 for mid ebb; CS(Mf)5: 6.00 x 120% = 7.2 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): 6.28 x 130% = 8.2 for mid ebb; CS(Mf)5: 6.00 x 130% = 7.8 for mid flood)	27.1	10.8
SS	SR4(N)	DA			26.8	6.0

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:

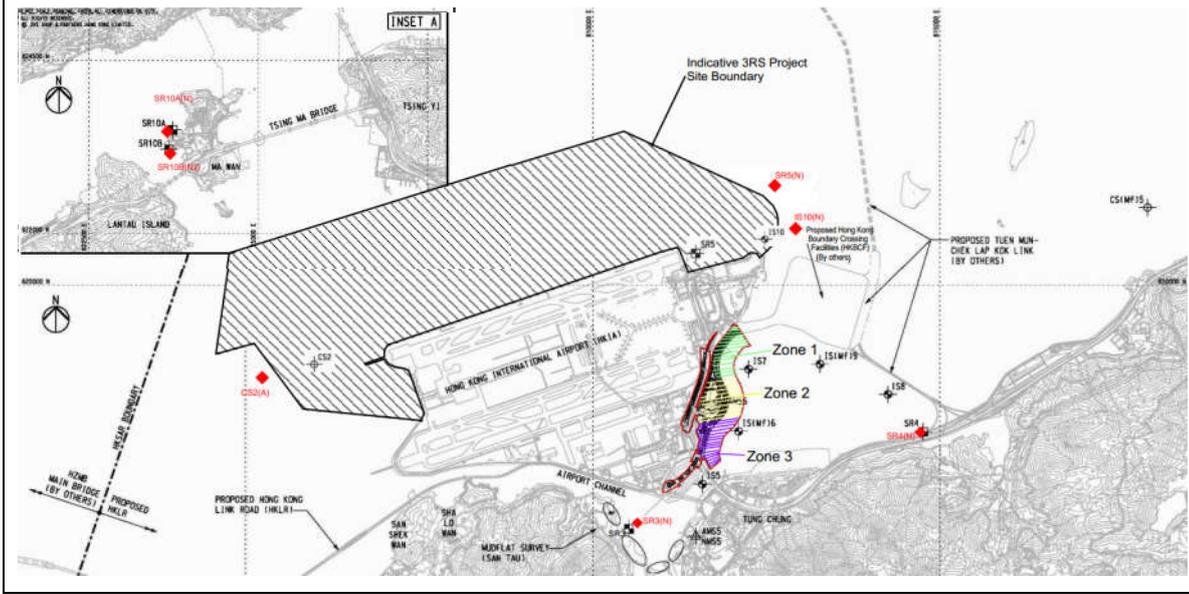
On 25 March 2019, two Action Level exceedances of suspended solid were recorded at stations IS8 and SR4(N) during mid-ebb tide. The exceedances have been investigated and are considered unlikely to be related to the contract works due to the following reasons:

1. Land based transportation of seawall filling materials and landscaping works were carried out at Zone 3 on 25 March 2019. The silt curtains for this Contract were under maintenance on 25 March 2019. No wastewater was discharged from work areas of this Contract to the open water on 25 March 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 stations IS8 and SR4(N) which are located far away the site boundary of this Contract (over 1.5 km).
2. Water appearance was observed turbid at both stations during sampling exercise. However, no silt plume was observed in the vicinity of stations IS8 and SR4(N) 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 : 11 April 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