

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.: 214

**Date of Notification:** 4 September 2015

**Works Inspected:** Data collected from water sampling works on 26 August 2015 and the test report was issued on 2 September 2015.

**Monitoring Location:** Water Quality Monitoring Stations

**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	<b>23.5</b> and 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 3.98 x 120% = <b>4.8</b> mg/L for mid ebb) AND CS(Mf)5: 5.7 x 120% = <b>6.8</b> mg/L for mid flood)	<b>34.4</b> and 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2:3.98 x 130% = <b>5.2</b> mg/L for mid ebb) AND CS(Mf)5: 5.7 x 130% = <b>7.4</b> mg/L for mid flood)	7.2	<b>27.8</b>

Notes:

DA means depth average.

***Bold Italic*** means AL exceedances.

***Bold Italic with underline*** means LL exceedances.

**Possible reason for Action or Limit Level Non-compliance:**

On 26 August 2015, an AL exceedance of suspended solid at station IS5 was recorded during the mid-flood tide. The exceedance has been investigated and is considered unlikely to be related to contract works due to the following reasons:

1. Box culvert extension at Zone 1, seawall construction works at Zones 2 and 3A were carried out within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at station IS5 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

The measured value at station IS5 was above the range of suspended solid during baseline monitoring for the mid-flood tide. However, there were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

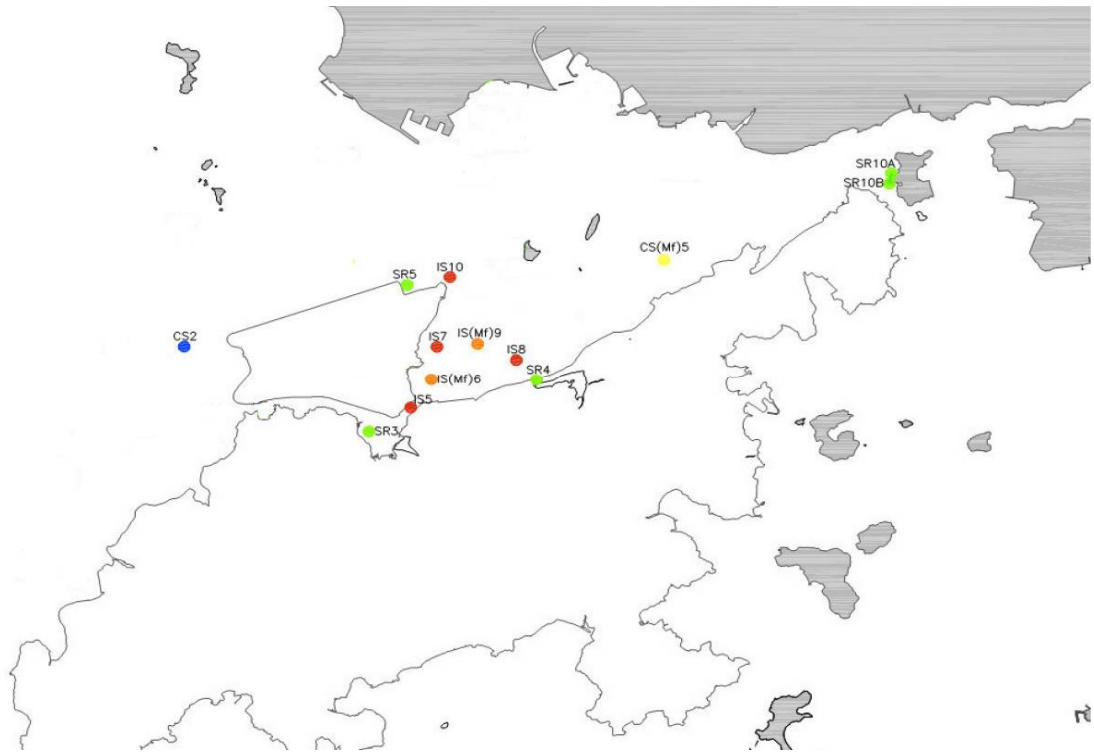
3. No leakage of turbid water or any abnormality or malpractice was observed during the sampling exercise.

As such, the suspended solid level recorded at this station is considered to be attributed to other external factors rather than the contract works.

**Actions taken/ to be taken:**

As the suspended solid levels recorded beyond the water quality criteria were not related to contract works, no immediate actions are considered necessary.

Location Plan:



Reviewed by : Claudine Lee

Title : ET Leader

  
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Date : 10 September 2015

Copied to : Supervising Officer, IEC, EPD, Contractor, ENPO

**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