

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.: 147

Date of Notification: 30 August 2013

Works Inspected: Data collected from water sampling works on 7 August 2013 and the test report was issued on 15 August 2013.

Monitoring Location: Water Quality Monitoring Stations

Parameter: Dissolved Oxygen (DO)/ Suspended Solids (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 solid at the same tide of the same day (i.e. CS2: 6.72 x 120% = 8.1 mg/L for mid ebb) AND CS(Mf)5: 10.97 x 120% = 13.2 mg/L for mid flood)	34.4 and 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 6.72 x 130% = 8.7 mg/L for mid ebb) AND CS(Mf)5: 10.97 x 130% = 14.3 mg/L for mid flood)	25.5	11.7
SS	IS(Mf)6	DA			24.3	17.6
SS	IS7	DA			24.7	15.1
SS	SR3	DA			26.4	10.7

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 7 August 2013, AL exceedances at station IS5, IS(Mf)6, IS7 and SR3 were recorded during mid-ebb tide.

The exceedances have been investigated and are considered unlikely to be related to contract works due to the following reasons:

1. Filling and geotextile laying activity were carried within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at station IS5, IS(Mf)6, IS7 and SR3 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)6	7.1	to 19	8.5	to 35
IS7	6.1	to 21	7.8	to 34
SR3	6.7	to 31	7.6	to 28

The measured value at stations IS5 and SR3 were within the range of suspended solid during baseline monitoring for mid-ebb tide.

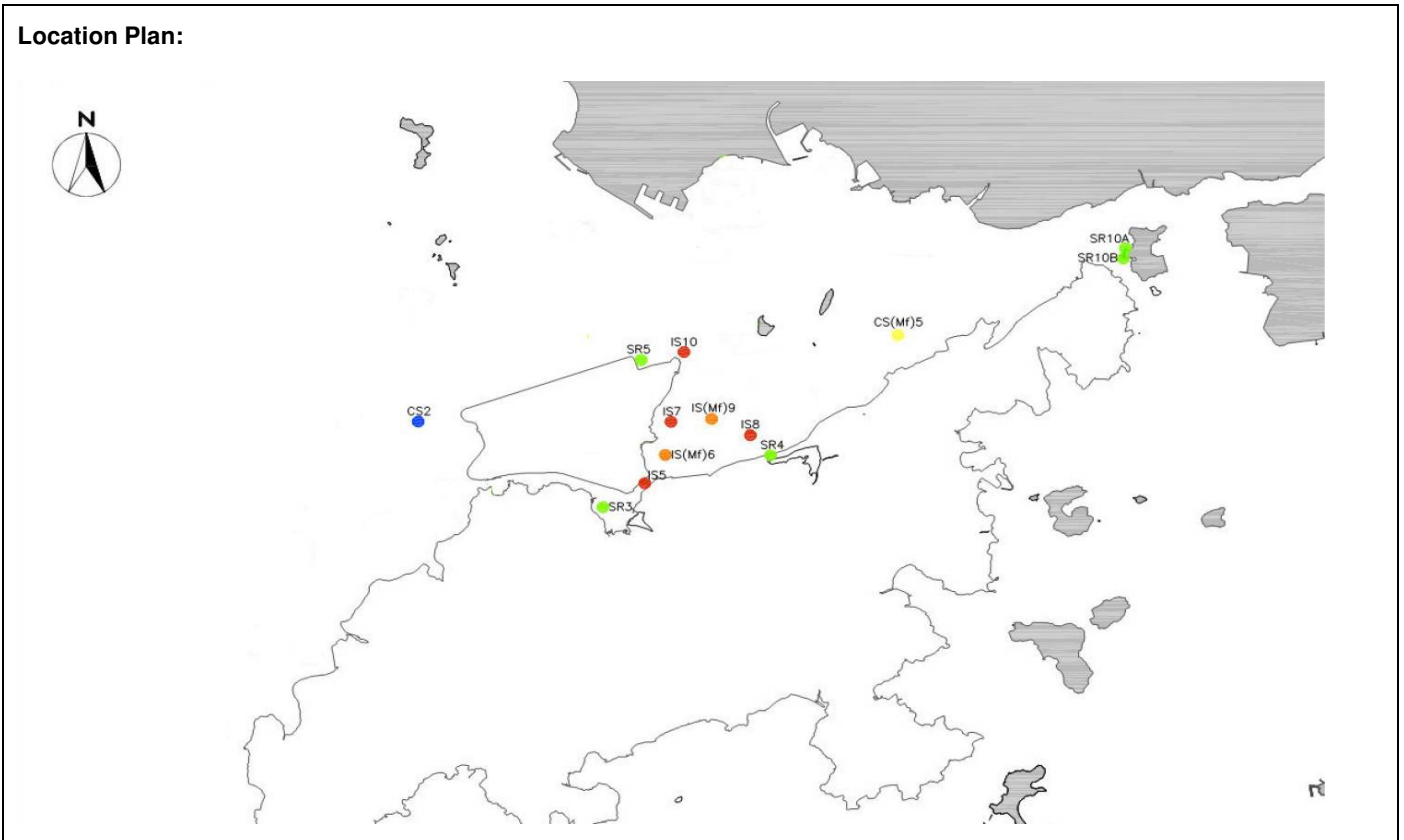
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.
4. No leakage of turbid water or any abnormality or malpractice was observed during the sampling exercise.


As such, the suspended solid levels are 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

Date : 30 August 2013

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