

**Date of Notification:** 19 November 2013

**Works Inspected:** Data collected from water sampling works on 6 November 2013 and the test report was issued on 13 November 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	IS10	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: 9.67 x 120% = <b>11.6</b> mg/L for mid ebb) AND CS(Mf)5: 9.60 x 120% = <b>11.5</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: 9.67 x 130% = <b>12.6</b> mg/L for mid ebb) AND CS(Mf)5: 9.60 x 130% = <b>12.5</b> mg/L for mid flood)	7.1	<b>28.3</b>
SS	SR5	DA			10.3	<b>29.3</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 6 November 2013, AL exceedances at stations IS10 and SR5 were recorded during mid-flood tide.

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

- Sand filling at Zone 1, stone column work at Zone 2, sand filling, public fill filling, transfer of public fill material and sand and stone column work at zone 3A were carried within silt curtain as recommended in the EIA Report.
- The ranges of suspended solid at stations IS10 and SR5 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
IS10	6.1 to 20.2	7.2 to 16
SR5	6.7 to 16.5	6.5 to 31.2

The measured value at station SR5 was within the range of suspended solid during baseline monitoring for mid-flood tide while the measured value at station IS10 was above the range of suspended solid during baseline monitoring for mid-flood tide. However, there were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

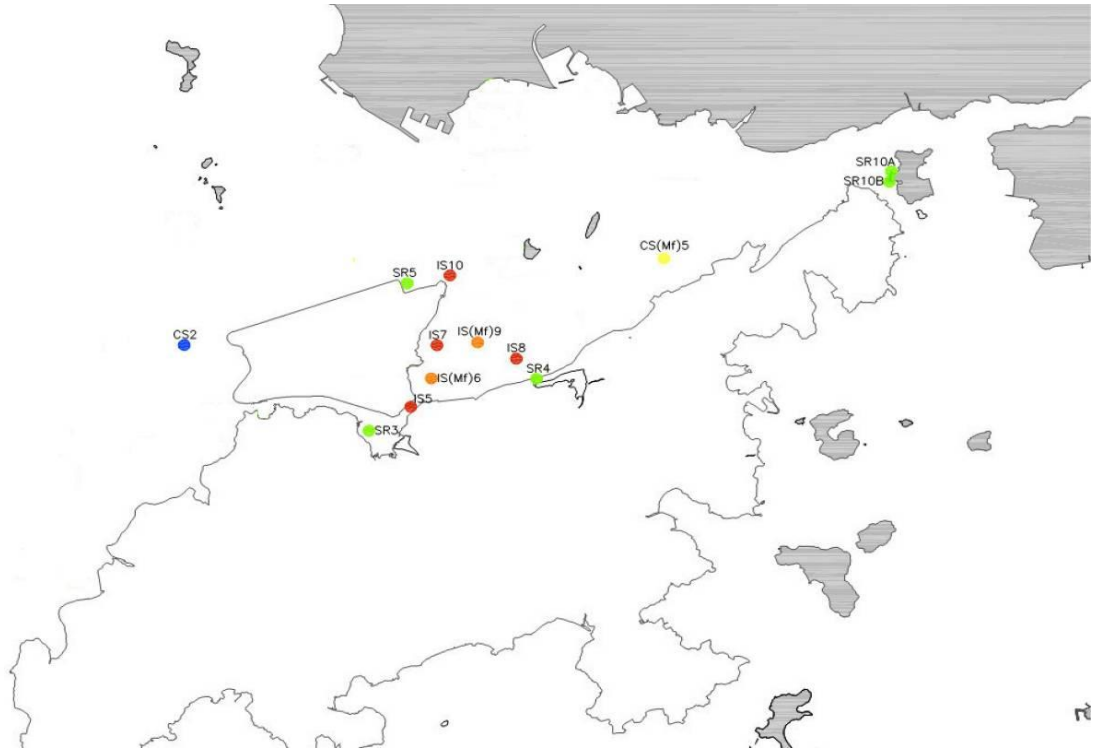
- No leakage of turbid water or any abnormality or malpractice was observed during the sampling exercise.

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 : 27 November 2013

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

**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.: 156

**Date of Notification:** 25 November 2013

**Works Inspected:** Data collected from water sampling works on 11 November 2013 and the test report was issued on 18 November 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	IS(Mf)6	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: 6.67 x 120% = <b>8.0</b> mg/L for mid ebb) AND CS(Mf)5: 5.07 x 120% = <b>6.1</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: 6.67 x 130% = <b>8.7</b> mg/L for mid ebb) AND CS(Mf)5: 5.07 x 130% = <b>6.1</b> mg/L for mid flood)	<b>27.7</b>	<b>31.5</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 11 November 2013, AL exceedances at station IS(Mf)6 were recorded during mid-ebb tide and mid-flood tide.

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

- Sand filling at Zones 2 and 3A, filling public fill at Zone 3A, transferring fill material at Zone 3A, transferring sand at Zone 3A and installation of stone column at Zone 2 were carried within silt curtain as recommended in the EIA Report.
- The ranges of suspended solid at stations IS(Mf)6 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
IS(Mf)6	7.1 to 19	8.5 to 35

The measured value at station IS(Mf)6 was within the range of suspended solid during baseline monitoring for mid-flood tide while the measured value at station IS(Mf)6 was above the range of suspended solid during baseline monitoring for mid-ebb tide. However, there were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

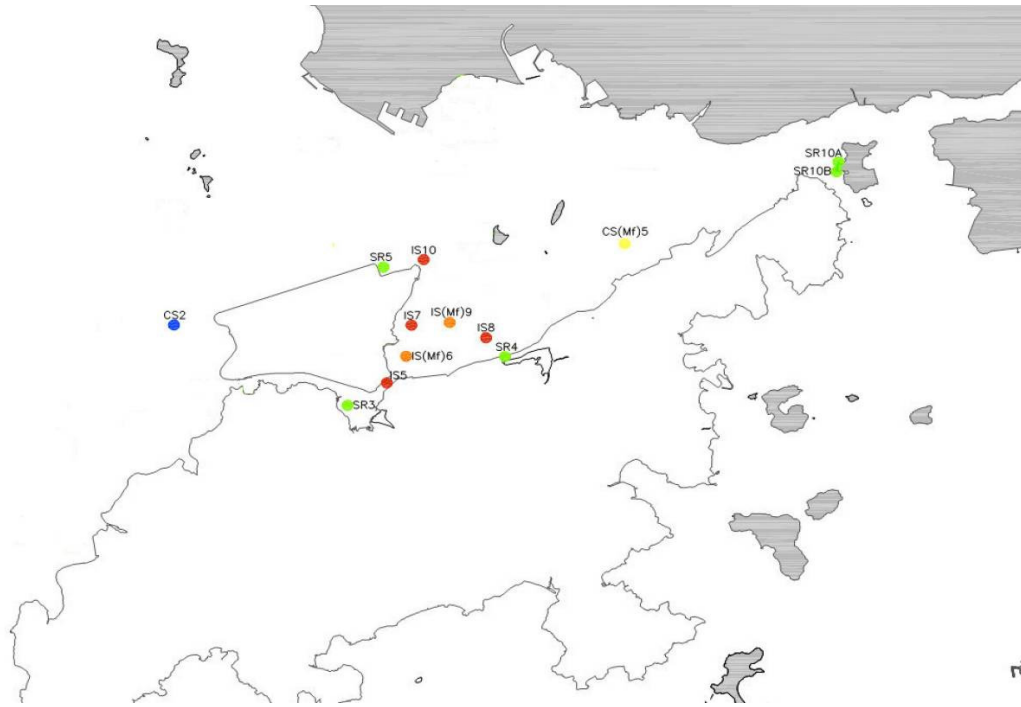
- No leakage of turbid water or any abnormality or malpractice was observed during the sampling exercise.

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 : 25 November 2013

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

**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.: 157

**Date of Notification:** 5 December 2013

**Works Inspected:** Data collected from water sampling works on 22 November 2013 and the test report was issued on 29 November 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	<b>23.5</b> and 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 5.12 x 120% = <b>6.1</b> mg/L for mid ebb) AND CS(Mf)5: 8.12 x 120% = <b>9.7</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: 5.12 x 130% = <b>6.7</b> mg/L for mid ebb) AND CS(Mf)5: 8.12 x 130% = <b>10.6</b> mg/L for mid flood)	15.1	<b>25.4</b>
SS	SR3	DA			14.2	<b>24.2</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 22 November 2013, AL exceedances at stations IS5 and SR3 were recorded during mid-flood tide.

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

- Sand filling and installation of stone column at Zone 1, installation of stone column at Zone 2, and transferring of fill material and sand, filling of public fill and rock and installation of stone column at Zone 3A were carried within silt curtain as recommended in the EIA Report.
- The ranges of suspended solid at stations IS5 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
SR3	6.7 to 31	7.6 to 28

The measured value at station SR3 was within the range of suspended solid during baseline monitoring for mid-flood tide while the measured value at station IS5 was above the range of suspended solid during baseline monitoring for mid-flood tide. However, there were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

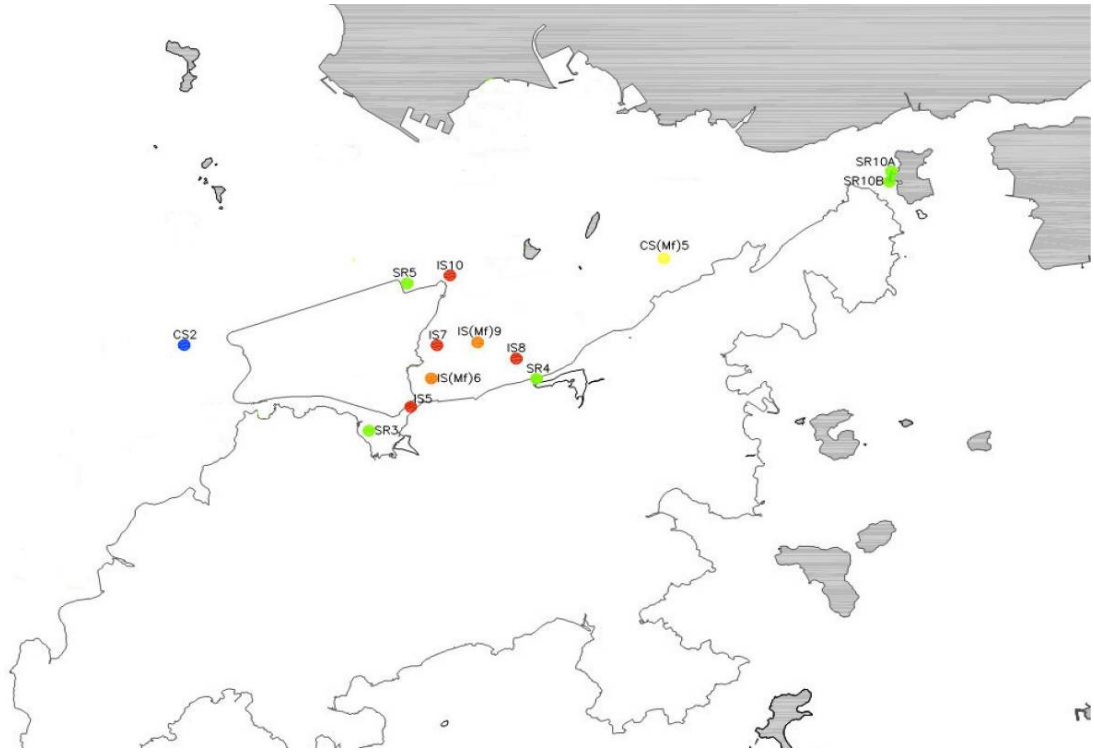
- No leakage of turbid water or any abnormality or malpractice was observed during the sampling exercise.

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

  
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Date : 5 December 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