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.: 064

Date of Notification: 15 January 2013

Works Inspected: Data collected from water sampling works on 2 January 2013 and the results were issued on 4 January 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 (NTU)	LL (NTU)	MEASURED AT MID-EBB TIDE (NTU)	MEASURED AT MID-FLOOD TIDE (NTU)
TURB	IS10	DA	**27.5** or 120% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 7.62 x 120% =**9.1** for mid ebb AND CS(Mf)5: 8.67 x 120% = **10.4** for mid flood)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 7.62 x 130% =**9.9** for mid ebb AND CS(Mf)5: 8.67 x 130% = **11.3** for mid flood)	2.3	***11.3***

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 2 January 2013, an exceedance of AL at station IS10 was recorded during mid-flood tide. The exceedance has been investigated and is considered unlikely to be related to contract works due to the following reason:

1. The rock filling activities were carried within silt curtain as recommended in the EIA Report.
2. The range of turbidity at stations IS10 during the baseline monitoring is shown as below:

Station	Range of Turbidity(NTU) Mid-Ebb Tide			Range of Turbidity(NTU) Mid-Flood Tide		
IS10	6.7	to	14.7	8.4	to	20.8

The measured value at station IS10 was within the range of turbidity for mid-flood tide during baseline monitoring.

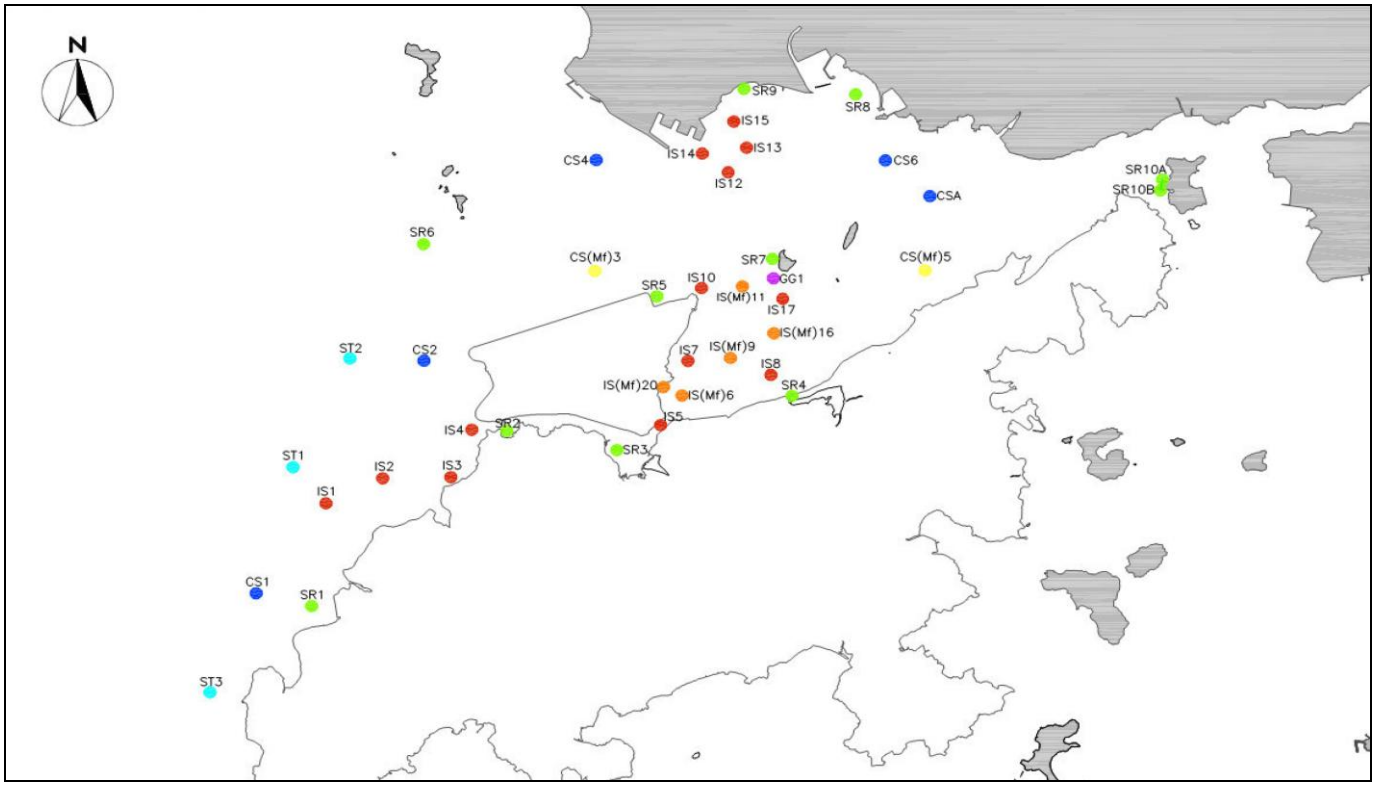
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the turbidity 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 turbidity 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 : 15 January 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.: 065

Date of Notification: 15 January 2013

Works Inspected: Data collected from water sampling works on 4 January 2013 and the results were issued on 7 January 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 (NTU)	LL (NTU)	MEASURED AT MID-EBB TIDE (NTU)	MEASURED AT MID-FLOOD TIDE (NTU)
TURB	IS5	DA	**27.5** or 120% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 4.25 x 120% =**5.1** for mid ebb AND CS(Mf)5: 3.28 x 120% = **3.9** for mid flood)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 4.25 x 130% =**5.5** for mid ebb AND CS(Mf)5: 3.28 x 130% = **4.3** for mid flood)	***5.3***	***4.3***
TURB	IS(Mf)6	DA			***5.9***	***4.1***
TURB	IS7	DA			3.6	***6.6***
TURB	IS(Mf)9	DA			3.8	***4.8***
TURB	SR3	DA			5.0	***5.7***

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 4 January 2013, an exceedance of AL at station IS5 and an exceedance of LL at station IS(Mf)6 were recorded during mid-ebb tide. Exceedances of AL at station IS5 and IS(Mf)6 and exceedances of LL at stations IS7, IS(Mf)9 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 reason:

1. The rock filling activities were carried within silt curtain as recommended in the EIA Report.
2. The range of turbidity at stations IS5, IS(Mf)6, IS7, IS(Mf)9 and SR3 during the baseline monitoring is shown as below:

Station	Range of Turbidity(NTU) Mid-Ebb Tide			Range of Turbidity(NTU) Mid-Flood Tide		
IS5	5.8	to	19.2	5.7	to	21.4
IS(Mf)6	3.3	to	21.7	5.3	to	20.9
IS7	3.4	to	20	5	to	19.4
IS(Mf)9	2.7	to	17	3.4	to	22.6
SR3	4.6	to	65.7	7.7	to	19.7

The measured values at stations IS5, IS(Mf)6, IS7, IS(Mf)9 and SR3 were within the range of turbidity for mid-ebb and mid-flood tide during baseline monitoring.

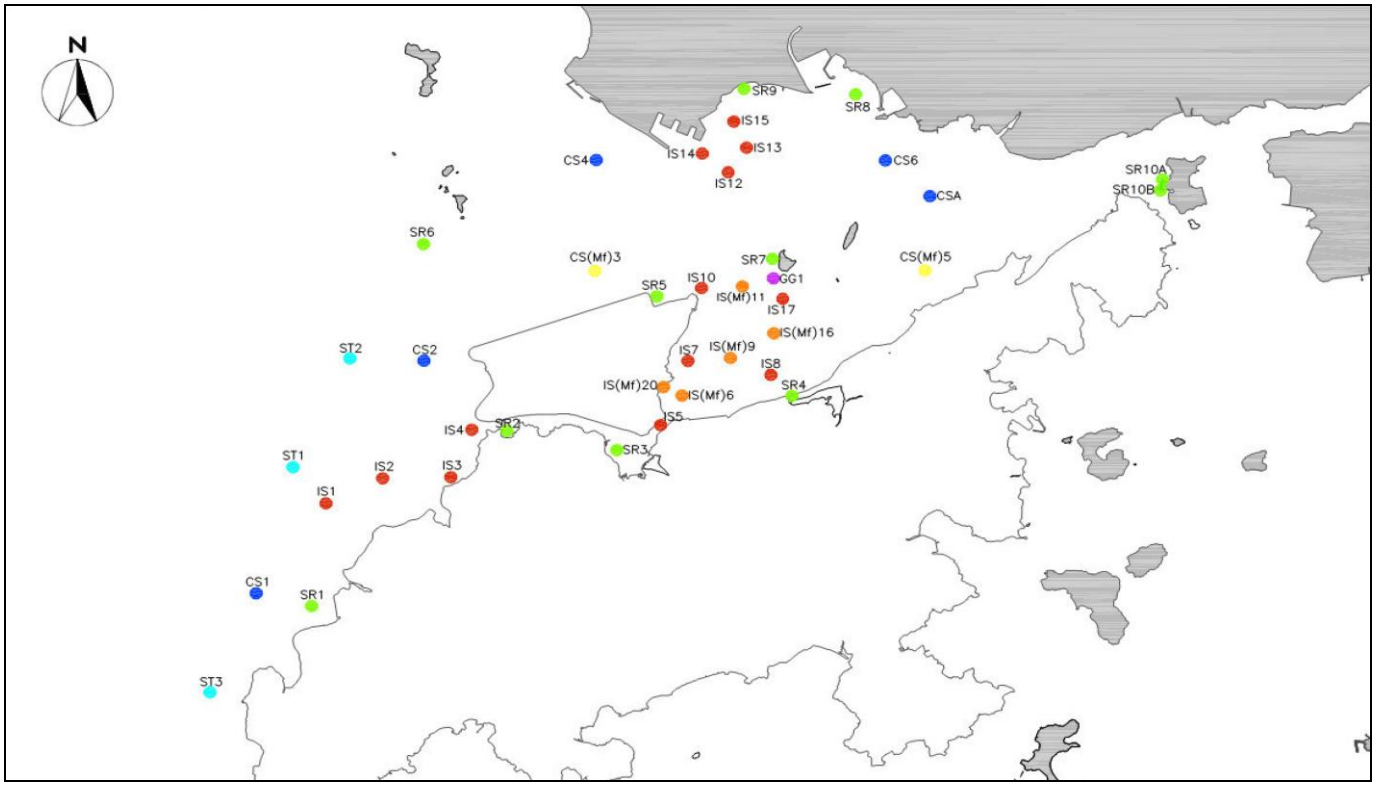
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the turbidity levels 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 turbidity 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 : 15 January 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.: 066

Date of Notification: 15 January 2013

Works Inspected: Data collected from water sampling works on 7 January 2013 and the results were issued on 9 January 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 (NTU)	LL (NTU)	MEASURED AT MID-EBB TIDE (NTU)	MEASURED AT MID-FLOOD TIDE (NTU)
TURB	IS5	DA	**27.5** or 120% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 3.42 x 120% =**4.1** for mid ebb AND CS(Mf)5: 3.50 x 120% = **4.2** for mid flood)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 3.42 x 130% =**4.4** for mid ebb AND CS(Mf)5: 3.50 x 130% = **4.6** for mid flood)	***4.7***	4.2
TURB	IS(Mf)6	DA			***4.5***	***7.9***
TURB	IS7	DA			***4.7***	***8.8***
TURB	IS(Mf)9	DA			***4.4***	3.6
TURB	SR3	DA			***4.5***	4.1

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 January 2013, an exceedance of AL at station IS(Mf)9 and exceedances of LL at station IS5, IS(Mf)6, IS7 and SR3 were recorded during mid-ebb tide. Exceedances of LL at stations IS(Mf)6 and IS7 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 reason:

1. The rock filling activities were carried within silt curtain as recommended in the EIA Report.
2. The range of turbidity at stations IS5, IS(Mf)6, IS7, IS(Mf)9 and SR3 during the baseline monitoring is shown as below:

Station	Range of Turbidity(NTU) Mid-Ebb Tide			Range of Turbidity(NTU) Mid-Flood Tide		
IS5	5.8	to	19.2	5.7	to	21.4
IS(Mf)6	3.3	to	21.7	5.3	to	20.9
IS7	3.4	to	20	5	to	19.4
IS(Mf)9	2.7	to	17	3.4	to	22.6
SR3	4.6	to	65.7	7.7	to	19.7

The measured values at stations IS5, IS(Mf)6, IS7, IS(Mf)9 and SR3 were within the range of turbidity for mid-ebb and mid-flood tide during baseline monitoring.

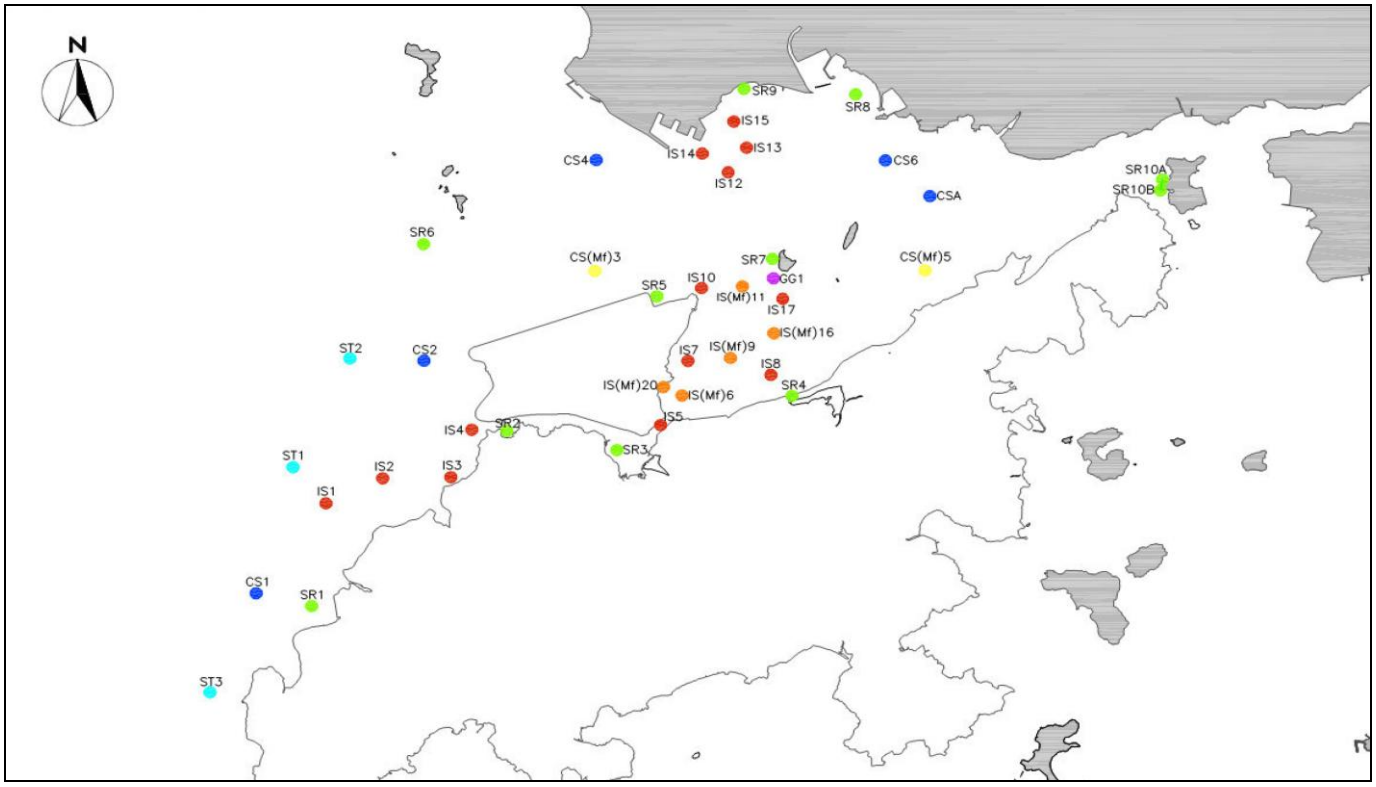
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the turbidity levels 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 turbidity 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 : 15 January 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.: 067

Date of Notification: 15 January 2013

Works Inspected: Data collected from water sampling works on 2 January 2013 and the test report was issued on 9 January 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** or 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 16.73 x 120% =**20.1** mg/L for mid ebb) AND CS(Mf)5: 6.78 x 120% = **8.1** mg/L for mid flood)	**34.4** or 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 16.73 x 130% =**21.8** mg/L for mid ebb) AND CS(Mf)5: 6.78 x 130% = **8.8** mg/L for mid flood)	8.6	***9.4***
SS	IS7	DA			6.5	***8.5***
SS	IS10	DA			10.1	***24.9***
SS	SR5	DA			9.4	***10.5***
SS	SR10B	DA			5.7	***11.6***

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 2 January 2013, an exceedances of AL at station IS7 and exceedances of LL at stations IS5, IS10, SR5 and SR10B 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:

1. The rock filling activities were carried within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at stations IS5, IS7, IS10, SR5 and SR10B 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
IS7	6.1	to	21	7.8	to	34
IS10	6.1	to	20.2	7.2	to	16
SR5	6.7	to	16.5	6.5	to	31.2
SR10B	3.1	to	30.8	5.7	to	26.7

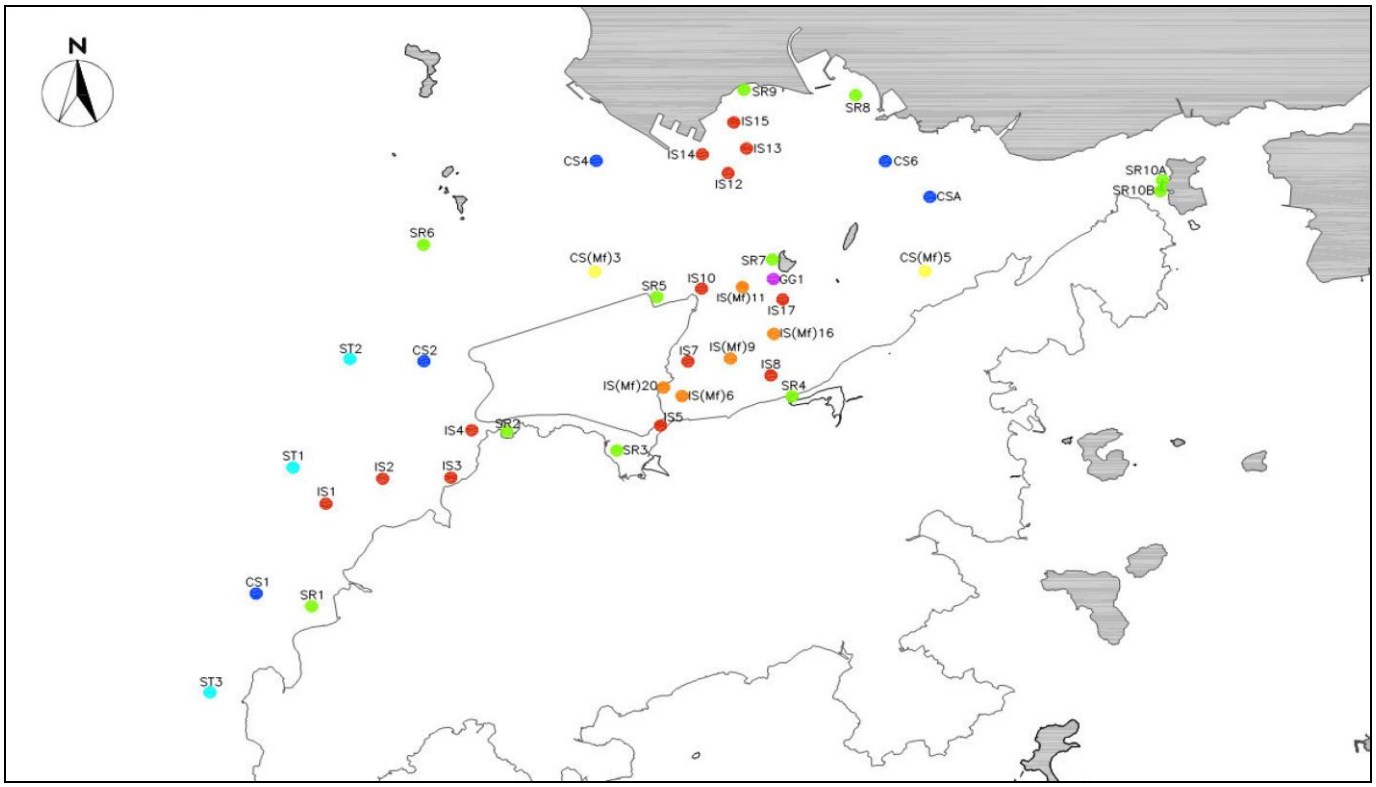
The measured values at stations IS5, IS7, SR5 and SR10B were within the ranges of suspended solid during baseline monitoring for mid-flood tide. The monitoring station IS10 is far away of the contact marine works (about 1km).

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 : 15 January 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.: 068

Date of Notification: 15 January 2013

Works Inspected: Data collected from water sampling works on 4 January 2013 and the test report was issued on 11 January 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** or 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 10.67 x 120% =**12.8** mg/L for mid ebb) AND CS(Mf)5: 3.65 x 120% = **4.4**mg/L for mid flood)	**34.4** or 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 10.67 x 130% =**13.9** mg/L for mid ebb) AND CS(Mf)5: 3.65 x 130% = **4.7** mg/L for mid flood)	11.9	***8.5***
SS	IS(Mf)6	DA			11.8	***7.9***
SS	IS7	DA			7.1	***7.1***
SS	IS8	DA			4.7	***8.8***
SS	IS(Mf)9	DA			6.5	***8.5***
SS	IS10	DA			11.2	***4.8***
SS	SR3	DA			7.8	***7.8***
SS	SR4	DA			6.1	***4.8***
SS	SR10A	DA			6.9	***4.6***
SS	SR10B	DA			6.6	***5.1***

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 4 January 2013, an exceedance of AL at station SR10A and exceedances at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, IS10, SR3, SR4 and SR10B 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:

1. The rock filling activities were carried within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at stations IS5, IS(Mf)6, IS7,IS8, IS(Mf)9, IS10, SR3, SR4, SR10A and SR10B 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
IS8	5.5	to	25.5	5.8	to	31.3
IS(Mf)9	5.5	to	20.1	7.3	to	26
IS10	6.1	to	20.2	7.2	to	16
SR3	6.7	to	31	7.6	to	28
SR4	5.3	to	20	5.6	to	24.5
SR10A	3.6	to	17	4.8	to	19.2
SR10B	3.1	to	30.8	5.7	to	26.7

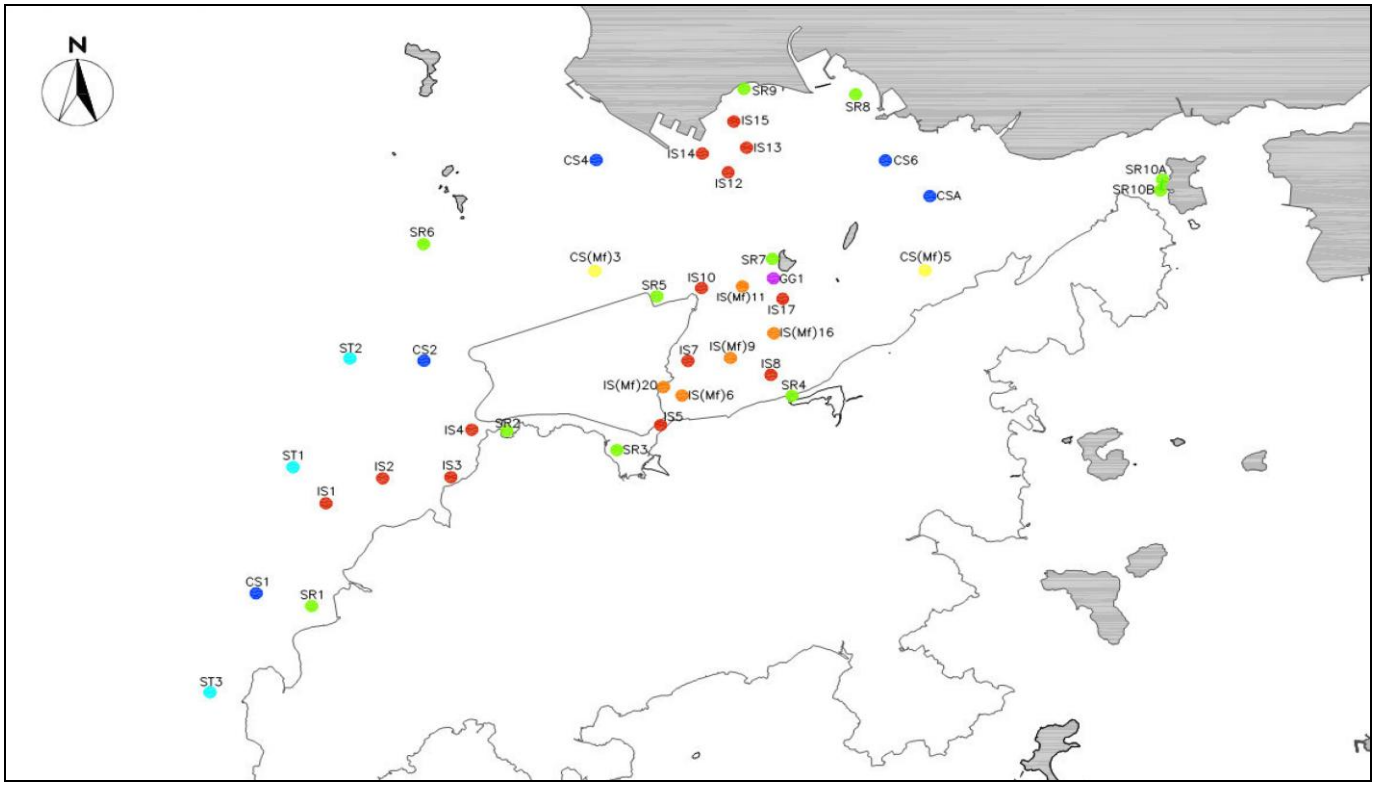
The measured values at stations IS5, IS(Mf)6, IS7, IS8, (Mf)9, IS10, SR3, SR4, SR10A and SR10B were within the ranges of suspended solid during baseline monitoring for mid-flood tide.

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 : 15 January 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.: 069

Date of Notification: 15 January 2013

Works Inspected: Data collected from water sampling works on 9 January 2013 and the results were issued on 11 January 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 (NTU)	LL (NTU)	MEASURED AT MID-EBB TIDE (NTU)	MEASURED AT MID-FLOOD TIDE (NTU)
TURB	IS5	DA	**27.5** or 120% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 3.78 x 120% =**4.5** for mid ebb AND CS(Mf)5: 2.92 x 120% = **3.5** for mid flood)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 3.78 x 130% =**4.9** for mid ebb AND CS(Mf)5: 2.92 x 130% = **3.8** for mid flood)	3.7	***3.9***
TURB	IS(Mf)6	DA			***4.6***	***11.4***
TURB	IS7	DA			***5.8***	***5.5***
TURB	IS8	DA			3.4	***4.1***
TURB	SR3	DA			3.5	***3.6***
TURB	SR5	DA			2.5	***5.9***

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 9 January 2013, an exceedance of AL at station IS(Mf)6 and an exceedance of LL at station IS7 were recorded during mid-ebb tide. An exceedance of AL at station SR3 and exceedances of LL at stations IS5, IS(Mf)6, IS7, IS8 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 reason:

1. The rock filling activities were carried within silt curtain as recommended in the EIA Report.
2. The range of turbidity at stations IS5, IS(Mf)6, IS7, IS8, SR3 and SR5 during the baseline monitoring is shown as below:

Station	Range of Turbidity(NTU) Mid-Ebb Tide			Range of Turbidity(NTU) Mid-Flood Tide		
IS5	5.8	to	19.2	5.7	to	21.4
IS(Mf)6	3.3	to	21.7	5.3	to	20.9
IS7	3.4	to	20	5	to	19.4
IS8	4	to	12.2	4.5	to	24.5
SR3	4.6	to	65.7	7.7	to	19.7
SR5	5.2	to	12.4	7.1	to	30.9

The measured values at stations IS5, IS(Mf)6, IS7, IS8, SR3 and SR5 were within the range of turbidity for mid-ebb and mid-flood tide during baseline monitoring.

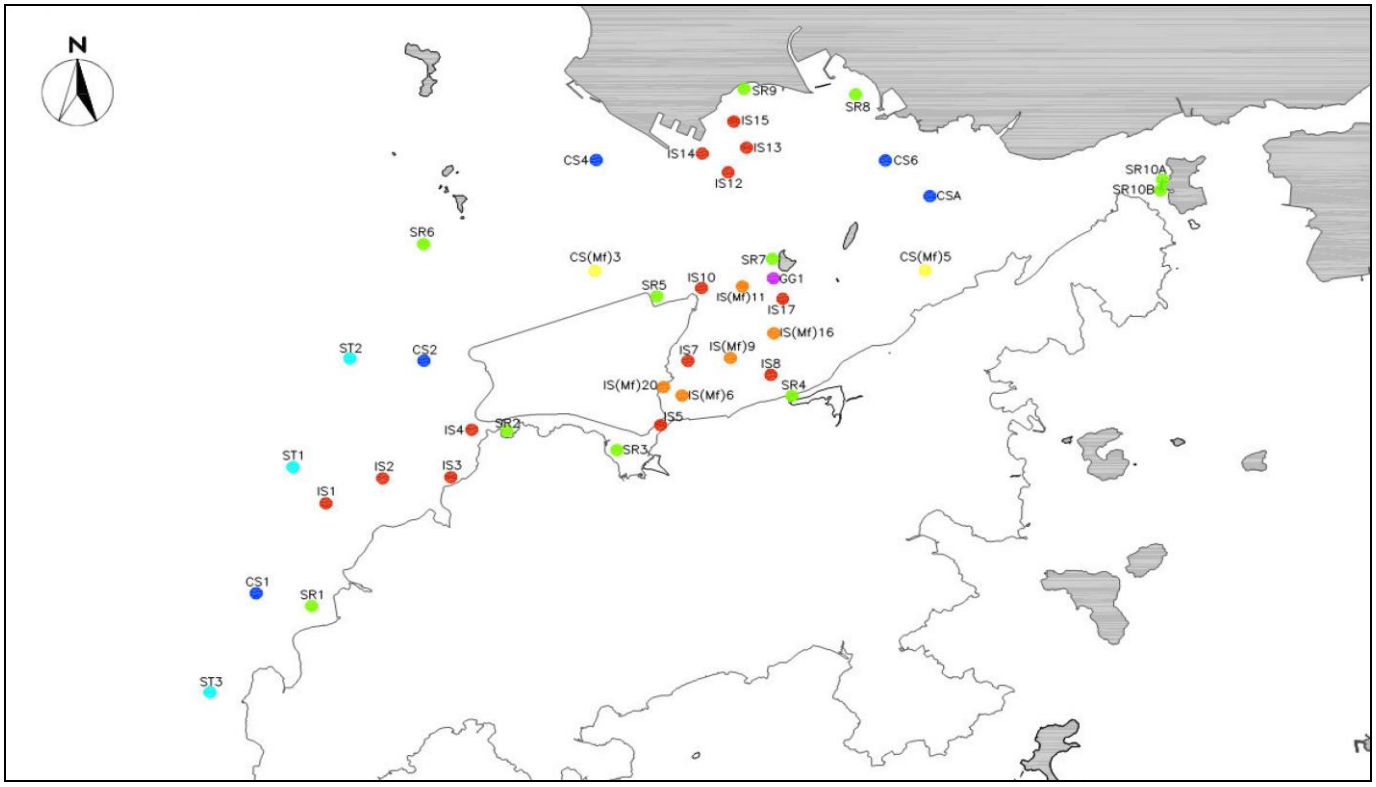
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the turbidity levels 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 turbidity 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 : 15 January 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.: 070

Date of Notification: 14 January 2013

Works Inspected: Data collected from water sampling works on 11 January 2013 and the results were issued on 14 January 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 (NTU)	LL (NTU)	MEASURED AT MID-EBB TIDE (NTU)	MEASURED AT MID-FLOOD TIDE (NTU)
TURB	IS5	DA	**27.5** or 120% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 3.47 x 120% =**4.2** for mid ebb AND CS(Mf)5: 3.28 x 120% = **3.9** for mid flood)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 3.47 x 130% =**4.5** for mid ebb AND CS(Mf)5: 3.28 x 130% = **4.3** for mid flood)	***5.7***	***6.3***
TURB	IS(Mf)6	DA			***5.1***	***6.9***
TURB	IS7	DA			4.2	***5.6***
TURB	IS8	DA			***4.5***	***4.8***
TURB	IS(Mf)9	DA			***4.3***	***6.7***
TURB	SR3	DA			***4.5***	***5.0***
TURB	SR5	DA			3.0	***10.3***
TURB	SR10A	DA			2.7	***4.5***
TURB	SR10B	DA			2.7	***4.4***

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 January 2013, an exceedances of AL at station IS8, IS(Mf)9 and SR3 and exceedances of LL at stations IS5 and IS(Mf)6 were recorded during mid-ebb tide. An exceedances of LL at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, SR3, SR5, SR10A and SR10B 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 reason:

1. The rock filling activities were carried within silt curtain as recommended in the EIA Report.
2. The range of turbidity at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, SR3, SR5, SR10A and SR10B during the baseline monitoring is shown as below:

Station	Range of Turbidity(NTU) Mid-Ebb Tide			Range of Turbidity(NTU) Mid-Flood Tide		
IS5	5.8	to	19.2	5.7	to	21.4
IS(Mf)6	3.3	to	21.7	5.3	to	20.9
IS7	3.4	to	20	5	to	19.4
IS8	4	to	12.2	4.5	to	24.5
IS(Mf)9	2.7	to	17	3.4	to	22.6
IS10	6.7	to	14.7	8.4	to	20.8
SR3	4.6	to	65.7	7.7	to	19.7
SR4	5.2	to	18.9	5	to	20.6
SR5	5.2	to	12.4	7.1	to	30.9
SR10A	2.6	to	11.4	1.9	to	13
SR10B	1.7	to	13.6	1.7	to	13.2

The measured value at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, SR3, SR5, SR10A and SR10B were within the range of turbidity for mid-ebb and mid-flood tide during baseline monitoring.

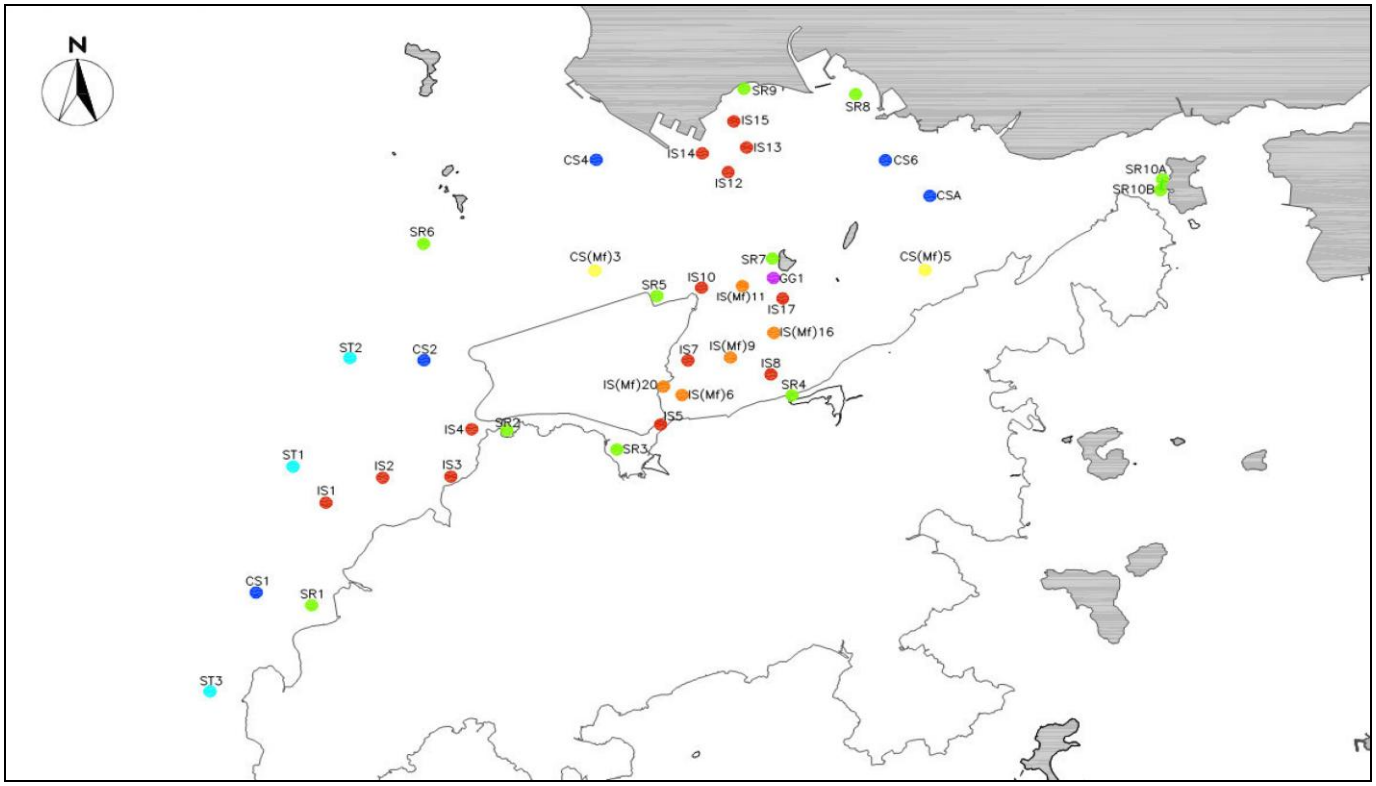
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the turbidity levels 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 turbidity 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 : 14 January 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.: 071

Date of Notification: 21 January 2013

Works Inspected: Data collected from water sampling works on 7 January 2013 and the test report was issued on 15 January 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** or 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 5.73 x 120% =**6.9** mg/L for mid ebb) AND CS(Mf)5: 2.90 x 120% = **3.5**mg/L for mid flood)	**34.4** or 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 5.73 x 130% =**7.5** mg/L for mid ebb) AND CS(Mf)5: 2.90 x 130% = **3.8** mg/L for mid flood)	5.0	***7.3***
SS	IS(Mf)6	DA			4.5	***9.1***
SS	IS7	DA			5.2	***7.5***
SS	IS8	DA			5.1	***4.8***
SS	IS(Mf)9	DA			6.8	***5.1***
SS	IS10	DA			4.7	***5.7***
SS	SR3	DA			5.1	***4.2***

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 January 2013, an exceedances of LL at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, IS10 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:

1. The rock filling activities were carried within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, IS10 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
IS8	5.5	to	25.5	5.8	to	31.3
IS(Mf)9	5.5	to	20.1	7.3	to	26
IS10	6.1	to	20.2	7.2	to	16
SR3	6.7	to	31	7.6	to	28

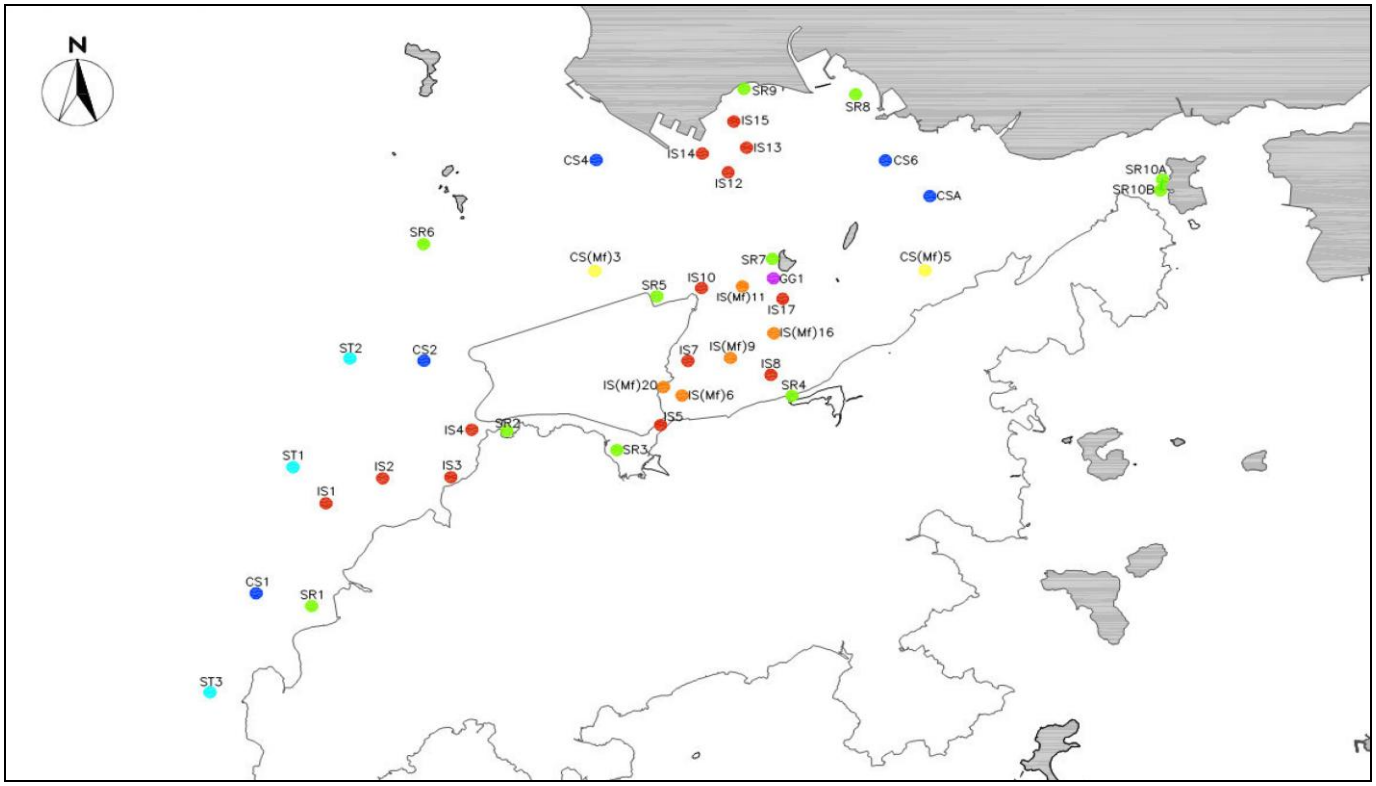
The measured values at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, IS10 and SR3 were within the ranges of suspended solid during baseline monitoring for mid-flood tide.

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 : 21 January 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.: 072

Date of Notification: 21 January 2013

Works Inspected: Data collected from water sampling works on 9 January 2013 and the test report was issued on 16 January 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	**23.5** or 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 8.72 x 120% =**10.5** mg/L for mid ebb) AND CS(Mf)5: 6.23 x 120% = **7.5**mg/L for mid flood)	**34.4** or 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 8.72 x 130% =**11.3** mg/L for mid ebb) AND CS(Mf)5: 6.23 x 130% = **8.1** mg/L for mid flood)	6.3	***15.0***
SS	IS7	DA			9.7	***8.4***
SS	IS8	DA			5.7	***9.9***
SS	SR3	DA			7.0	***9.0***
SS	SR5	DA			5.6	***12.0***
SS	SR10A	DA			5.4	***8.6***
SS	SR10B	DA			4.4	***9.5***

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 9 January 2013, an exceedances of LL at stations IS(Mf)6, IS7, IS8, SR3, SR5, SR10A and SR10B 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:

1. The rock filling activities were carried within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at stations IS(Mf)6, IS7, IS8, SR3, SR5, SR10A and SR10B 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
IS7	6.1	to	21	7.8	to	34
IS8	5.5	to	25.5	5.8	to	31.3
SR3	6.7	to	31	7.6	to	28
SR5	6.7	to	16.5	6.5	to	31.2
SR10A	3.6	to	17	4.8	to	19.2
SR10B	3.1	to	30.8	5.7	to	26.7

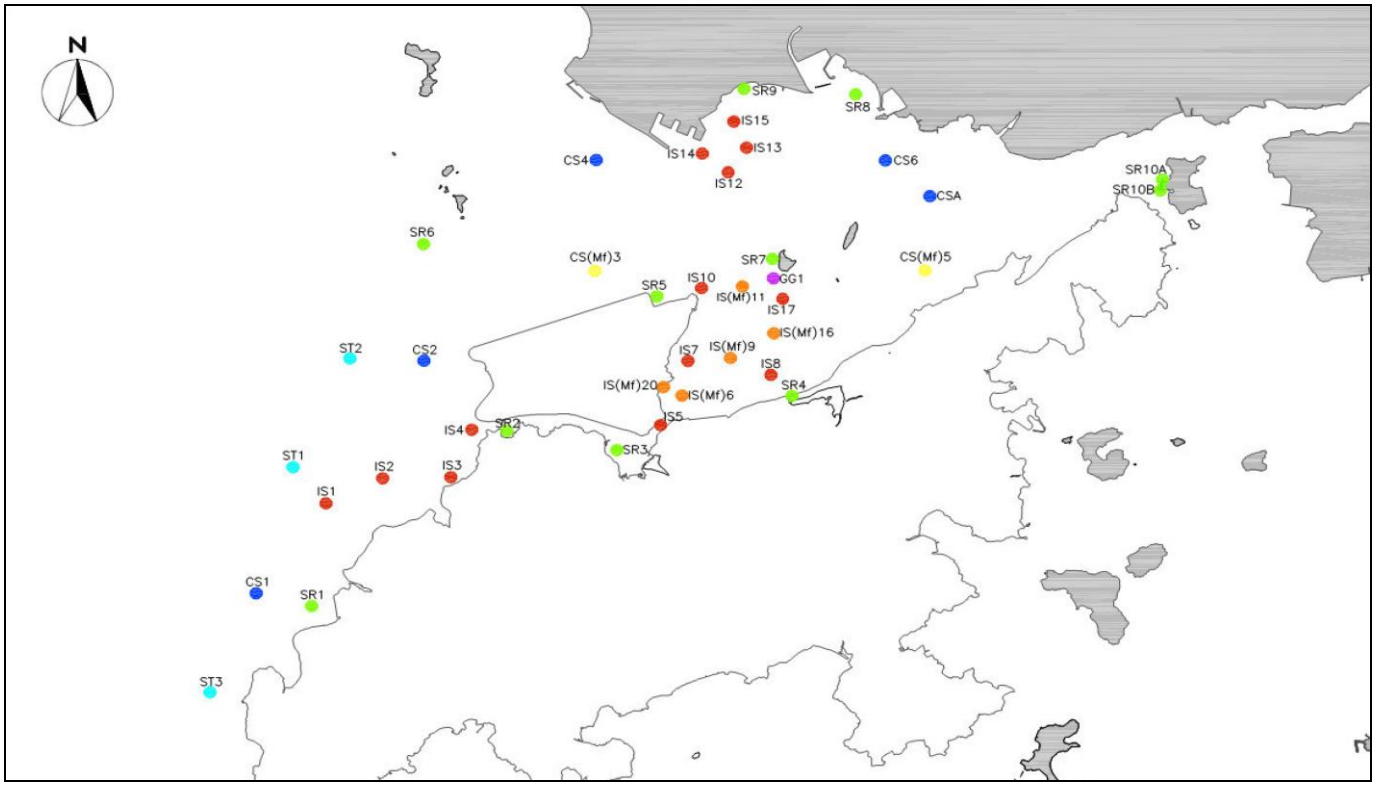
The measured values at stations IS(Mf)6, IS7, IS8, SR3, SR5, SR10A and SR10B were within the ranges of suspended solid during baseline monitoring for mid-flood tide.

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 : 21 January 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.: 073

Date of Notification: 21 January 2013

Works Inspected: Data collected from water sampling works on11 January 2013 and the test report was issued on 18 January 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	**23.5** or 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 11.38 x 120% =**13.7** mg/L for mid ebb) AND CS(Mf)5: 6.48 x 120% = **7.8**mg/L for mid flood)	**34.4** or 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 11.38 x 130% =**14.8** mg/L for mid ebb) AND CS(Mf)5: 6.48 x 130% = **8.4** mg/L for mid flood)	7.8	***10.1***
SS	IS7	DA			7.4	***9.1***
SS	IS8	DA			7.9	***7.9***
SS	IS(Mf)9	DA			5.9	***9.2***
SS	SR5	DA			13.4	***27.2***
SS	SR10B	DA			6.8	***8.2***

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 January 2013, an exceedances of AL at stations IS8 and SR10b and exceedances of LL at stations IS(Mf)6, IS7, IS(Mf)9 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:

1. The rock filling activities were carried within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at stations IS(Mf)6, IS7, IS8, IS(Mf)9, SR5 and SR10B 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
IS7	6.1	to	21	7.8	to	34
IS8	5.5	to	25.5	5.8	to	31.3
IS(Mf)9	5.5	to	20.1	7.3	to	26
SR5	6.7	to	16.5	6.5	to	31.2
SR10B	3.1	to	30.8	5.7	to	26.7

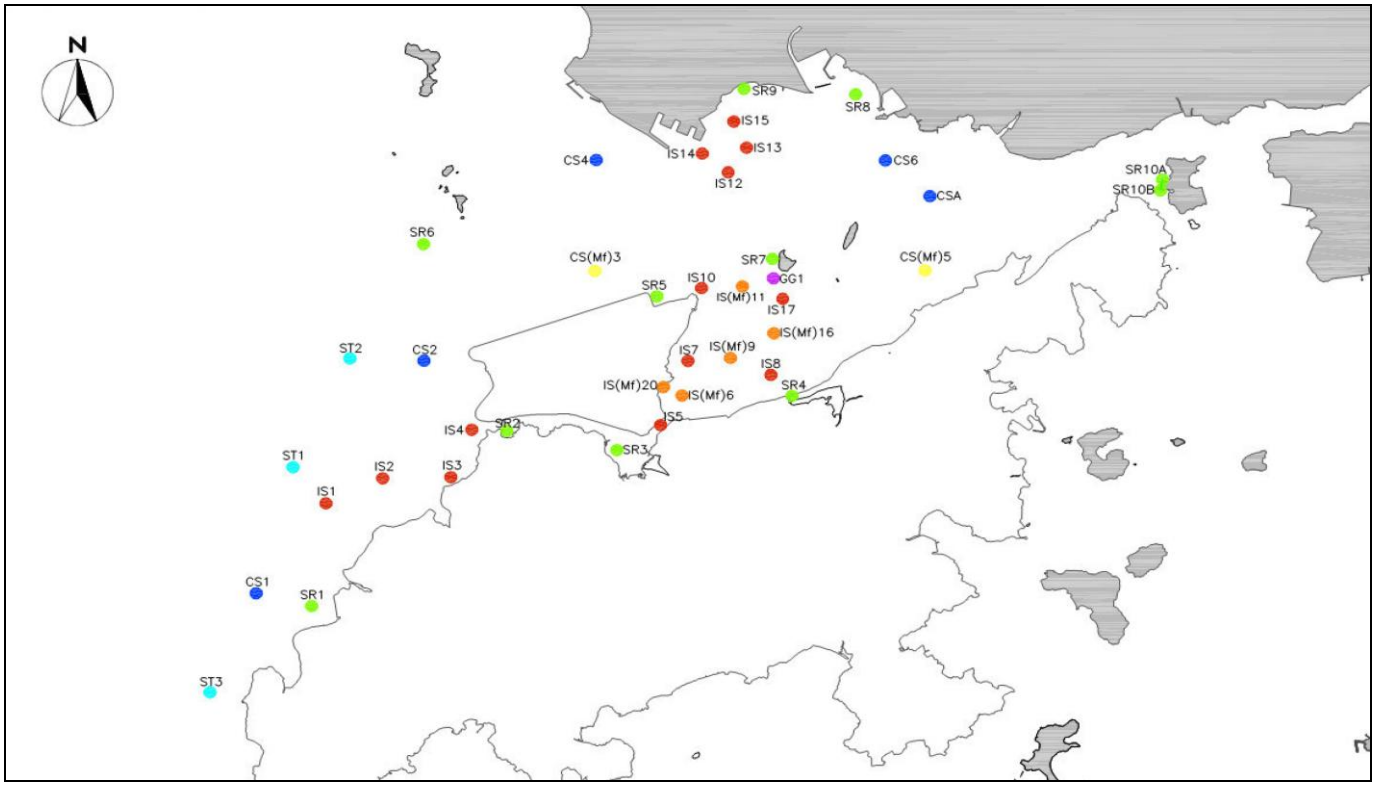
The measured values at stations IS(Mf)6, IS7, IS8, IS(Mf)9, SR5 and SR10B were within the ranges of suspended solid during baseline monitoring for mid-flood tide.

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 : 21 January 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.: 074

Date of Notification: 21 January 2013

Works Inspected: Data collected from water sampling works on 14 January 2013 and the results were issued on 16 January 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 (NTU)	LL (NTU)	MEASURED AT MID-EBB TIDE (NTU)	MEASURED AT MID-FLOOD TIDE (NTU)
TURB	IS(Mf)6	DA	**27.5** or 120% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 6.30 x 120% =**7.6** for mid ebb AND CS(Mf)5: 8.83 x 120% = **10.6** for mid flood)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 6.30 x 130% =**8.2** for mid ebb AND CS(Mf)5: 8.83 x 130% = **11.5** for mid flood)	***14.9***	***12.6***
TURB	IS7	DA			***15.3***	5.0

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 14 January 2013, an exceedances of LL at stations IS(Mf)6 and IS7 were recorded during mid-ebb tide. An exceedance of LL at stations IS(Mf)6 was recorded during mid-flood tide. The exceedances have been investigated and are considered unlikely to be related to contract works due to the following reason:

1. The geotextile installation work and rock filling activities were carried within silt curtain as recommended in the EIA Report.
2. The range of turbidity at stations IS(Mf)6 and IS7 during the baseline monitoring is shown as below:

Station	Range of Turbidity(NTU) Mid-Ebb Tide			Range of Turbidity(NTU) Mid-Flood Tide		
IS(Mf)6	3.3	to	21.7	5.3	to	20.9
IS7	3.4	to	20	5	to	19.4

The measured value at stations IS(Mf)6 and IS7 were within the range of turbidity for mid-ebb and mid-flood tide during baseline monitoring.

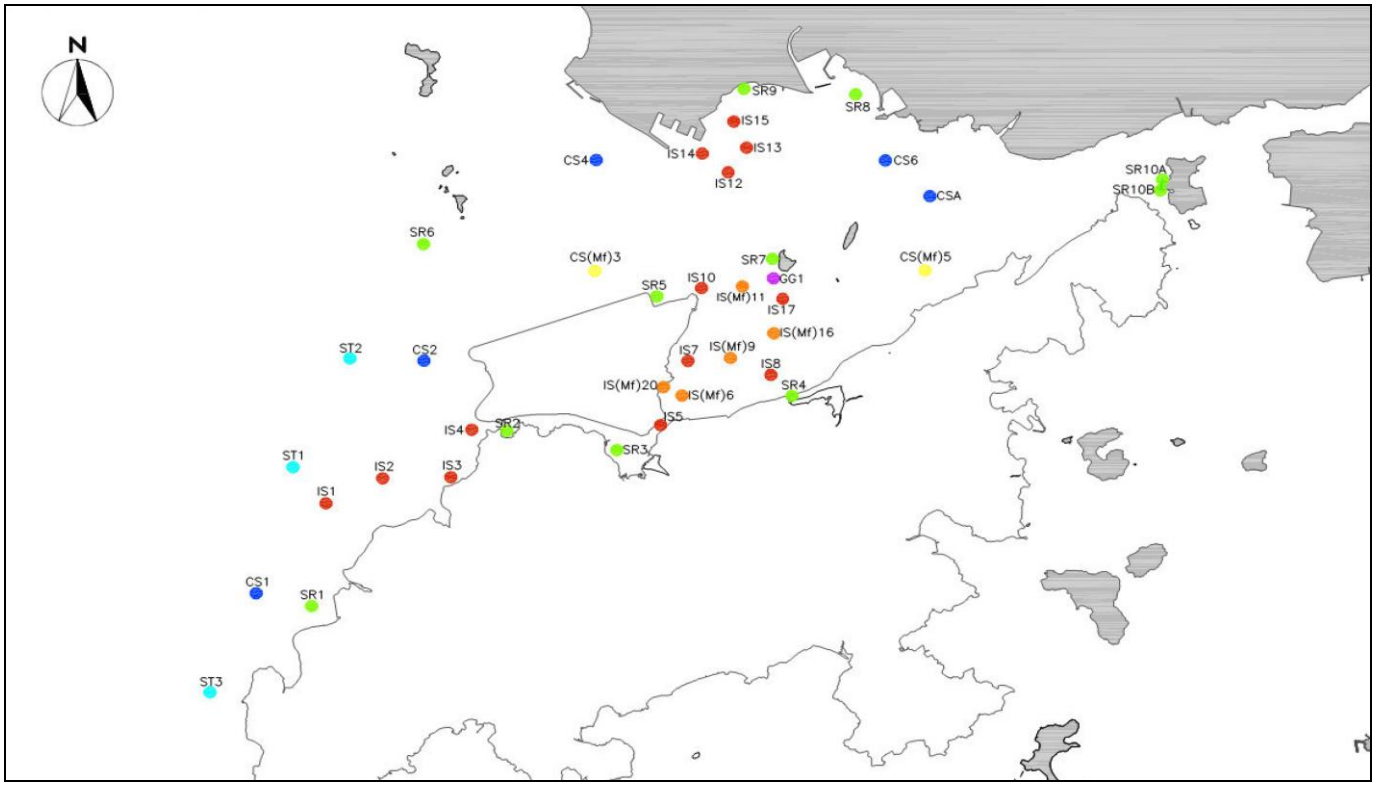
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the turbidity levels 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 turbidity 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 : 21 January 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.: 075

Date of Notification: 21 January 2013

Works Inspected: Data collected from water sampling works on14 January 2013 and the test report was issued on 21 January 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	**23.5** or 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 13.85 x 120% =**16.6** mg/L for mid ebb) AND CS(Mf)5: 7.88 x 120% = **9.5**mg/L for mid flood)	**34.4** or 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 13.85 x 130% =**18.0** mg/L for mid ebb) AND CS(Mf)5: 7.88 x 130% = **10.2** mg/L for mid flood)	8.1	***12.0***
SS	SR5	DA			8.6	***16.0***
SS	SR10A	DA			4.7	***10.8***
SS	SR10B	DA			6.4	***12.1***

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 14 January 2013, an exceedances of LL at stations IS10, SR5, SR10A and SR10B 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:

1. The geotextile installation work and rock filling activities were carried within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at stations IS10, SR5, SR10A and SR10B 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
SR10A	3.6	to	17	4.8	to	19.2
SR10B	3.1	to	30.8	5.7	to	26.7

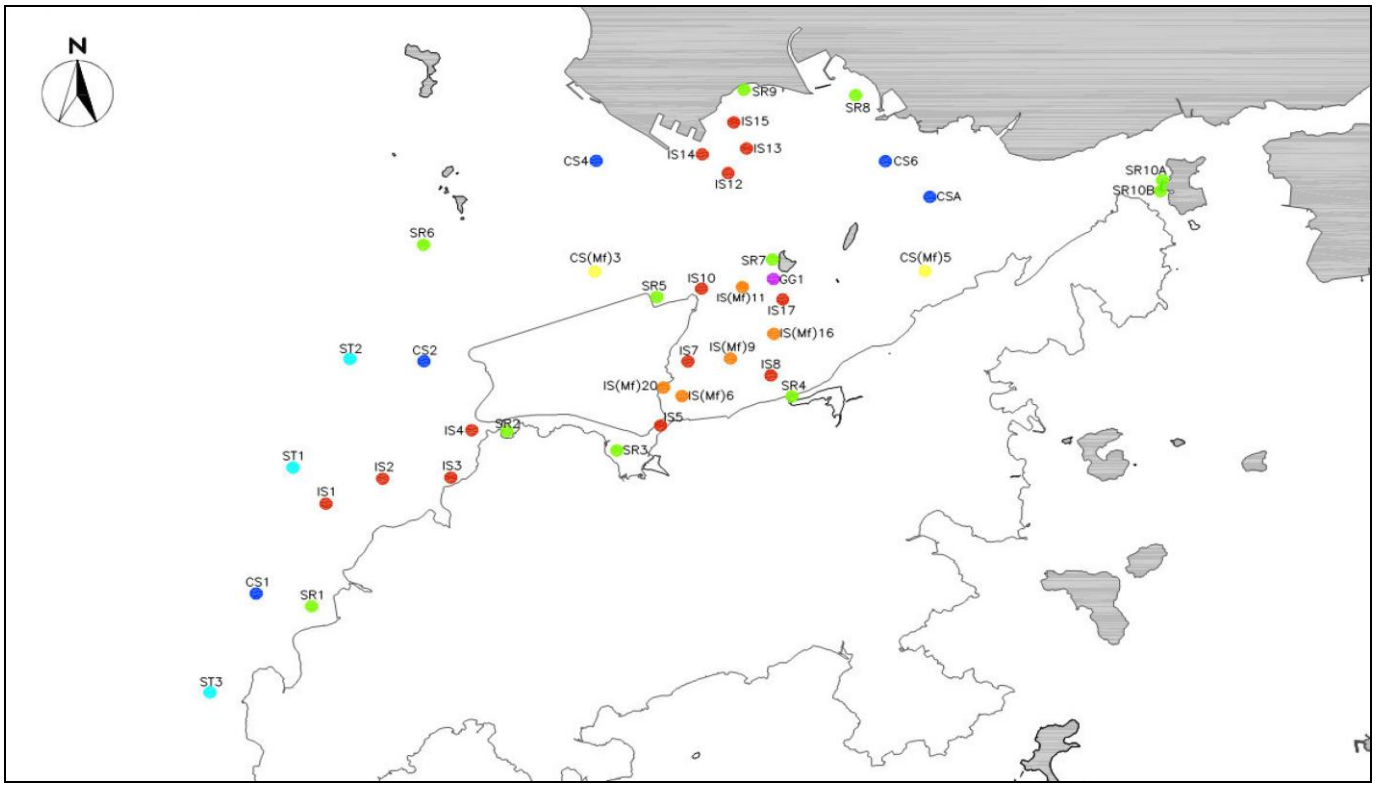
The measured values at stations IS10, SR5, SR10A and SR10B were within the ranges of suspended solid during baseline monitoring for mid-flood tide.

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 : 21 January 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.: 076

Date of Notification: 28 January 2013

Works Inspected: Data collected from water sampling works on 16 January 2013 and the results were issued on 17 January 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 (NTU)	LL (NTU)	MEASURED AT MID-EBB TIDE (NTU)	MEASURED AT MID-FLOOD TIDE (NTU)
TURB	IS5	DA	**27.5** or 120% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 3.43 x 120% =**4.1** for mid ebb AND CS(Mf)5: 7.88 x 120% = **9.5** for mid flood)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 3.43 x 130% =**4.5** for mid ebb AND CS(Mf)5: 7.88 x 130% = **10.2** for mid flood)	***5.4***	5.2
TURB	IS(Mf)6	DA			***6.3***	8.1
TURB	IS7	DA			***5.8***	4.0
TURB	IS8	DA			***6.1***	6.0
TURB	IS(Mf)9	DA			***4.9***	5.3
TURB	SR3	DA			***5.1***	7.3
TURB	SR10A	DA			***4.3***	7.5
TURB	SR10B	DA			***4.2***	7.5

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 16 January 2013, exceedances of AL at stations SR10A and SR10B and exceedances of LL at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9 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 reason:

1. The sand filling activities were carried within silt curtain as recommended in the EIA Report.
2. The range of turbidity at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, SR3, SR10A and SR10B during the baseline monitoring is shown as below:

Station	Range of Turbidity(NTU) Mid-Ebb Tide			Range of Turbidity(NTU) Mid-Flood Tide		
IS5	5.8	to	19.2	5.7	to	21.4
IS(Mf)6	3.3	to	21.7	5.3	to	20.9
IS7	3.4	to	20	5	to	19.4
IS8	4	to	12.2	4.5	to	24.5
IS(Mf)9	2.7	to	17	3.4	to	22.6
SR3	4.6	to	65.7	7.7	to	19.7
SR10A	2.6	to	11.4	1.9	to	13
SR10B	1.7	to	13.6	1.7	to	13.2

The measured value at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, SR3, SR10A and SR10B were within the range of turbidity for mid-ebb and mid-flood tide during baseline monitoring.

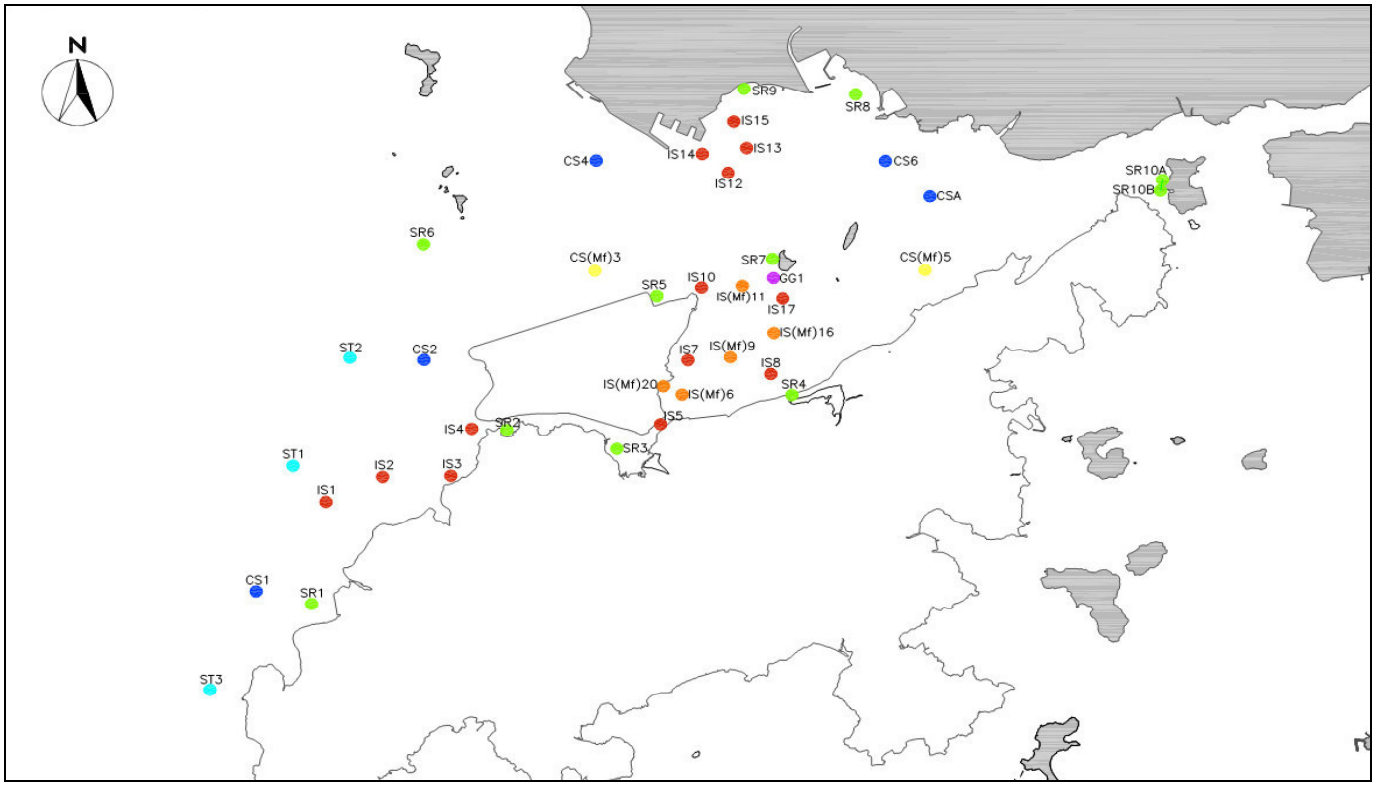
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the turbidity levels 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 turbidity 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 : 28 January 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.: 077

Date of Notification: 28 January 2013

Works Inspected: Data collected from water sampling works on 18 January 2013 and the results were issued on 21 January 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 (NTU)	LL (NTU)	MEASURED AT MID-EBB TIDE (NTU)	MEASURED AT MID-FLOOD TIDE (NTU)
TURB	IS5	DA	**27.5** or 120% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 3.25 x 120% =**3.9** for mid ebb AND CS(Mf)5: 2.95 x 120% = **3.5** for mid flood)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 3.25 x 130% =**4.2** for mid ebb AND CS(Mf)5: 2.95 x 130% = **3.8** for mid flood)	***7.0***	***6.6***
TURB	IS(Mf)6	DA			***10.6***	***6.2***
TURB	IS(Mf)9	DA			3.1	***4.1***
TURB	SR3	DA			***5.2***	***6.1***
TURB	SR5	DA			3.0	***3.9***

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 18 January 2013, exceedances of LL at stations IS5, IS(Mf)6 and SR3 were recorded during mid-ebb tide. Execeedances of LL at stations IS5, IS(Mf)6, IS(Mf)9, SR3 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 reason:

1. The rock filling activities were carried within silt curtain as recommended in the EIA Report.
2. The range of turbidity at stations IS5, IS(Mf)6, IS(Mf)9, SR3 and SR5 during the baseline monitoring is shown as below:

Station	Range of Turbidity(NTU) Mid-Ebb Tide			Range of Turbidity(NTU) Mid-Flood Tide		
IS5	5.8	to	19.2	5.7	to	21.4
IS(Mf)6	3.3	to	21.7	5.3	to	20.9
IS(Mf)9	2.7	to	17	3.4	to	22.6
SR3	4.6	to	65.7	7.7	to	19.7
SR5	5.2	to	12.4	7.1	to	30.9

The measured value at stations IS5, IS(Mf)6, IS(Mf)9, SR3 and SR5 were within the range of turbidity for mid-ebb and mid-flood tide during baseline monitoring.

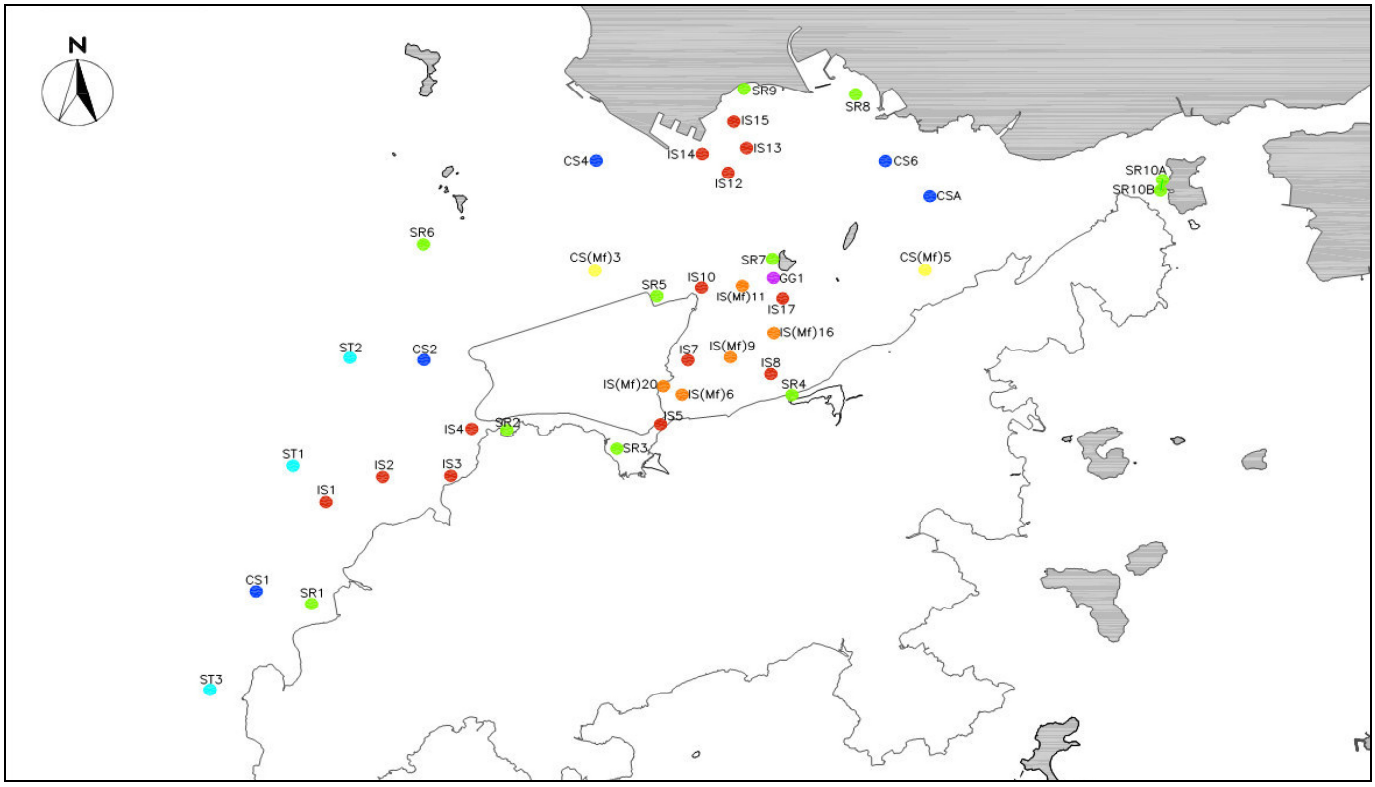
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the turbidity levels 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 turbidity 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 : 28 January 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.: 078

Date of Notification: 28 January 2013

Works Inspected: Data collected from water sampling works on 16 January 2013 and the test report was issued on 23 January 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	SR5	DA	**23.5** or 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 6.70 x 120% = **8.0** mg/L for mid ebb) AND CS(Mf)5: 9.47 x 120% = **11.4** mg/L for mid flood)	**34.4** or 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 6.70 x 130% = **8.7** mg/L for mid ebb) AND CS(Mf)5: 9.47 x 130% = **12.3** mg/L for mid flood)	6.0	***16.9***
SS	SR10A	DA			4.6	***15.8***

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 16 January 2013, exceedances of LL at stations SR5 and SR10A 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:

1. The sand filling activities were carried within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at stations SR5 and SR10A 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		
SR5	6.7	to	16.5	6.5	to	31.2
SR10A	3.6	to	17	4.8	to	19.2

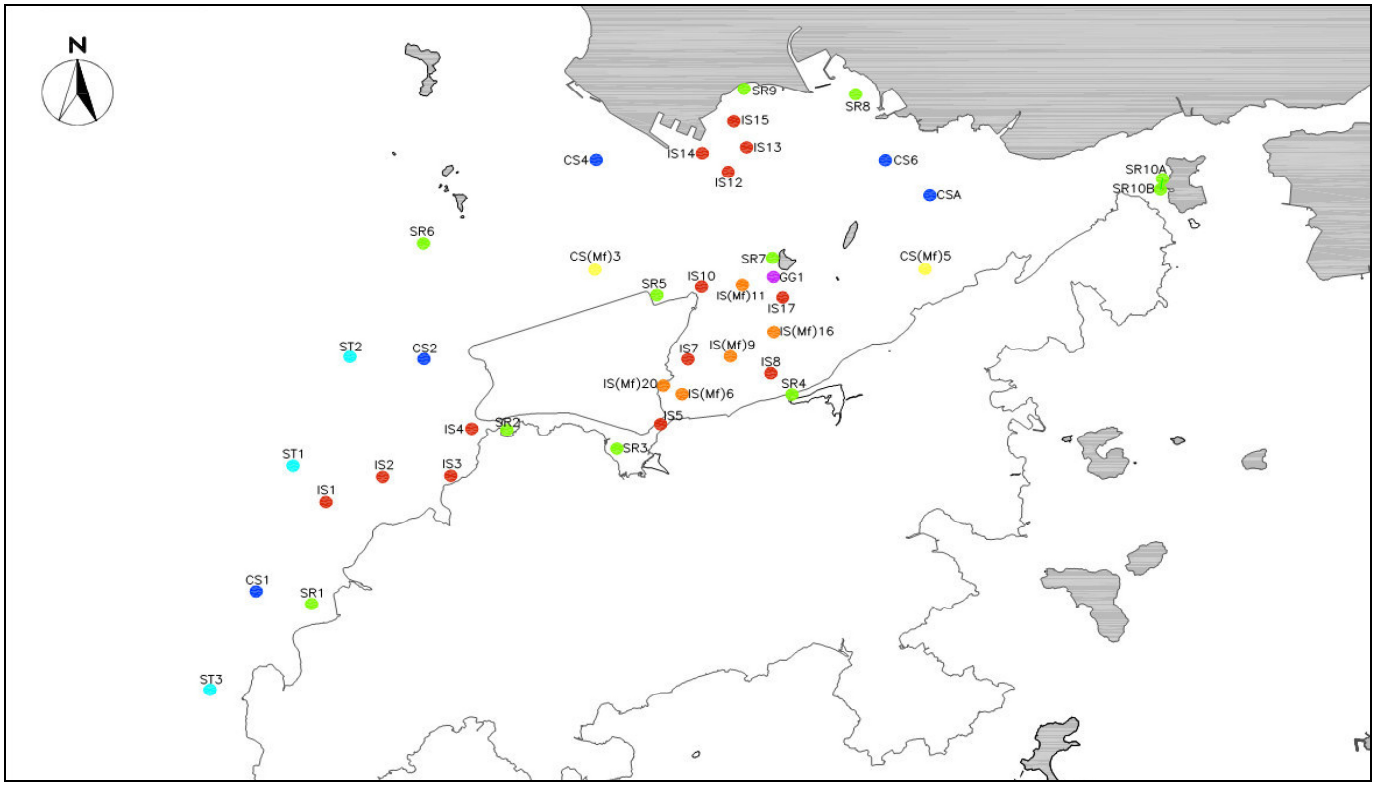
The measured values at stations SR5 and SR10A were within the ranges of suspended solid during baseline monitoring for mid-flood tide.

3. 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 : 28 January 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.: 079

Date of Notification: 24 January 2013

Works Inspected: Data collected from water sampling works on 21 January 2013 and the results were issued on 22 January 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 (NTU)	LL (NTU)	MEASURED AT MID-EBB TIDE (NTU)	MEASURED AT MID-FLOOD TIDE (NTU)
TURB	IS5	DA	**27.5** or 120% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 2.98 x 120% = **3.6** for mid ebb AND CS(Mf)5: 2.18 x 120% = **2.6** for mid flood)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 2.98 x 130% =**3.9** for mid ebb AND CS(Mf)5: 2.18 x 130% = **2.8** for mid flood)	***5.0***	***7.0***
TURB	IS(Mf)6	DA			***14.8***	***5.4***
TURB	IS7	DA			***6.2***	***4.9***
TURB	IS8	DA			***3.8***	***3.4***
TURB	IS10	DA			1.8	***3.1***
TURB	SR3	DA			***5.6***	***7.4***
TURB	SR4	DA			3.1	***2.7***

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 21 January 2013, an exceedance of AL at station IS8 and exceedances of LL at stations IS5, IS(MF)6, IS7 and SR3 were recorded during mid-ebb tide. An exceedance of AL at station SR4 and exceedances of LL at stations IS5, IS(Mf)6, IS7, IS8, IS10 and SR3 were recorded.

1. The rock filling activities were carried within silt curtain as recommended in the EIA Report.
2. The range of turbidity at stations IS5, IS(Mf)6, IS7, IS8, IS10, SR3 and SR4 during the baseline monitoring is shown as below:

Station	Range of Turbidity(NTU) Mid-Ebb Tide			Range of Turbidity(NTU) Mid-Flood Tide		
IS5	5.8	to	19.2	5.7	to	21.4
IS(Mf)6	3.3	to	21.7	5.3	to	20.9
IS7	3.4	to	20	5	to	19.4
IS8	4	to	12.2	4.5	to	24.5
IS10	6.7	to	14.7	8.4	to	20.8
SR3	4.6	to	65.7	7.7	to	19.7
SR4	5.2	to	18.9	5	to	20.6

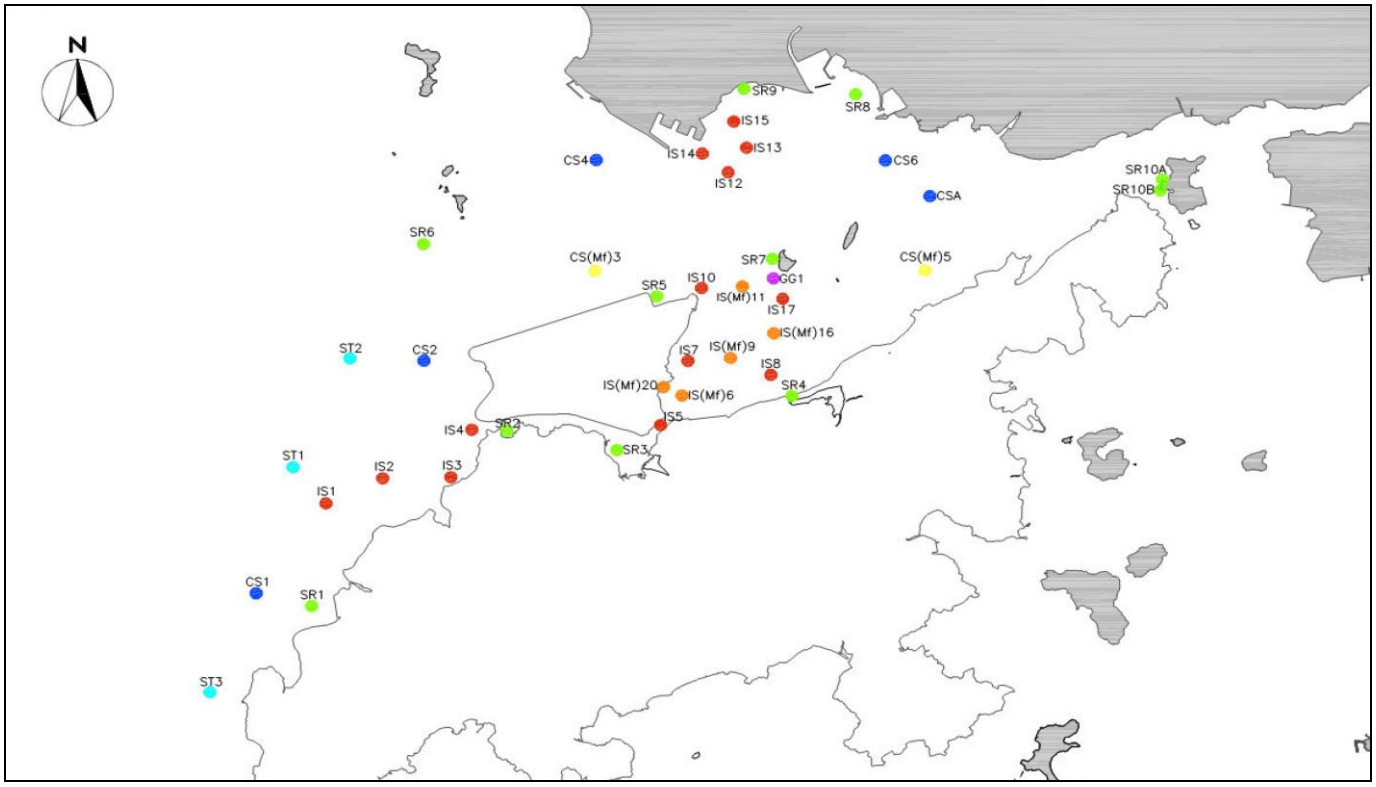
3. The measured value at stations IS5, IS(Mf)6, IS7, IS8, IS10,SR3 and SR4were within the range of turbidity for mid-ebb and mid-flood tide during baseline monitoring
4. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the turbidity levels 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 turbidity 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 : 07 February 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.: 080

Date of Notification: 01 February 2013

Works Inspected: Data collected from water sampling works on 18 January 2013 and the test report was issued on 01 February 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** or 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 7.35 x 120% = **8.8** mg/L for mid ebb) AND CS(Mf)5: 1.98 x 120% = **2.4** mg/L for mid flood)	**34.4** or 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 7.35 x 130% = **9.6** mg/L for mid ebb) AND CS(Mf)5: 1.98 x 130% = **2.5** mg/L for mid flood)	6.6	***7.1***
SS	IS(Mf)6	DA			7.9	***5.9***
SS	IS7	DA			3.8	***4.3***
SS	IS8	DA			3.5	***3.3***
SS	IS(Mf)9	DA			4.6	***5.7***
SS	IS10	DA			6.0	***5.4***
SS	SR3	DA			4.7	***6.2***
SS	SR4	DA			2.7	***2.8***
SS	SR5	DA			5.8	***8.1***
SS	SR10A	DA			2.6	***2.8***
SS	SR10B	DA			3.3	***3.1***

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 18 January 2013, exceedances of LL at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, IS10, SR3, SR4, SR5, SR10A and SR10B 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:

1. The sand filling activities and rock filling were carried within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, IS10, SR3, SR4, SR5, SR10A and SR10B during the baseline monitoring are shown as below.

Station	Range of Suspended Solid (mg/L) Mid- Flood Tide		
IS5	7	to	23.7
IS(Mf)6	8.5	to	35
IS7	7.8	to	34
IS8	5.8	to	31.3
IS(Mf)9	7.3	to	26
IS10	7.2	to	16
SR3	7.6	to	28
SR4	5.6	to	24.5
SR5	6.5	to	31.2
SR10A	4.8	to	19.2
SR10B	5.7	to	26.7

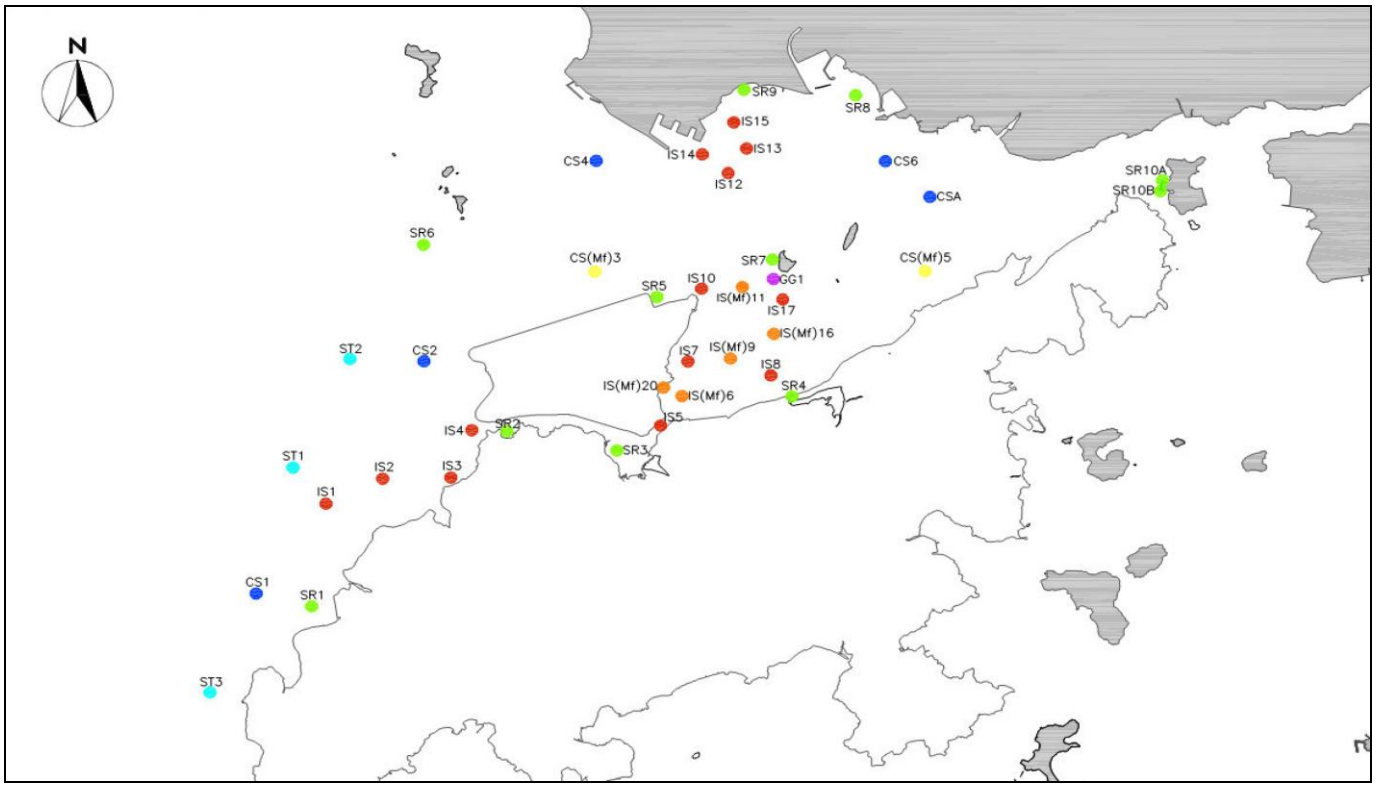
The measured values at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, IS10, SR3, SR4, SR5, SR10A and SR10B were within the ranges of suspended solid during baseline monitoring for mid-flood tide.

3. 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 : 07 February 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.: 081

Date of Notification: 01 February 2013

Works Inspected: Data collected from water sampling works on 21 January 2013 and the test report was issued on 01 February 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** or 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 2.42 x 120% = **2.9** mg/L for mid ebb) AND CS(Mf)5: 2.78 x 120% = **3.3** mg/L for mid flood)	**34.4** or 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 2.42 x 130% = **3.1** mg/L for mid ebb) AND CS(Mf)5: 2.78 x 130% = **3.6** mg/L for mid flood)	***5.9***	***9.4***
SS	IS(Mf)6	DA			***18.2***	***8.0***
SS	IS7	DA			***5.9***	***5.6***
SS	IS8	DA			***4.9***	2.9
SS	IS(Mf)9	DA			***4.2***	***4.0***
SS	IS10	DA			***3.0***	***4.0***
SS	SR3	DA			***6.3***	***8.9***
SS	SR4	DA			***5.6***	***3.7***
SS	SR5	DA			***3.4***	***3.6***

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 21 January 2013, an exceedance of AL at station IS10 and exceedances of LL at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, SR3, SR4 and SR5 were recorded during mid-ebb tide. Exceedance of AL at station SR5 and exceedances of LL at IS5, IS(Mf)6, IS7, IS(Mf)9, IS10, SR3 and SR4 were recorded.

and mid-floor tide. The exceedances have been investigated and are considered unlikely to be related to contract works due to the following reasons:

1. The sand filling activities were carried within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, IS10, SR3, SR4, 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		
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
IS8	5.5	to	25.5	5.8	to	31.3
IS(Mf)9	5.5	to	20.1	7.3	to	26
IS10	6.1	to	20.2	7.2	to	16
SR3	6.7	to	31	7.6	to	28
SR4	5.3	to	20	5.6	to	24.5
SR5	6.7	to	16.5	6.5	to	31.2

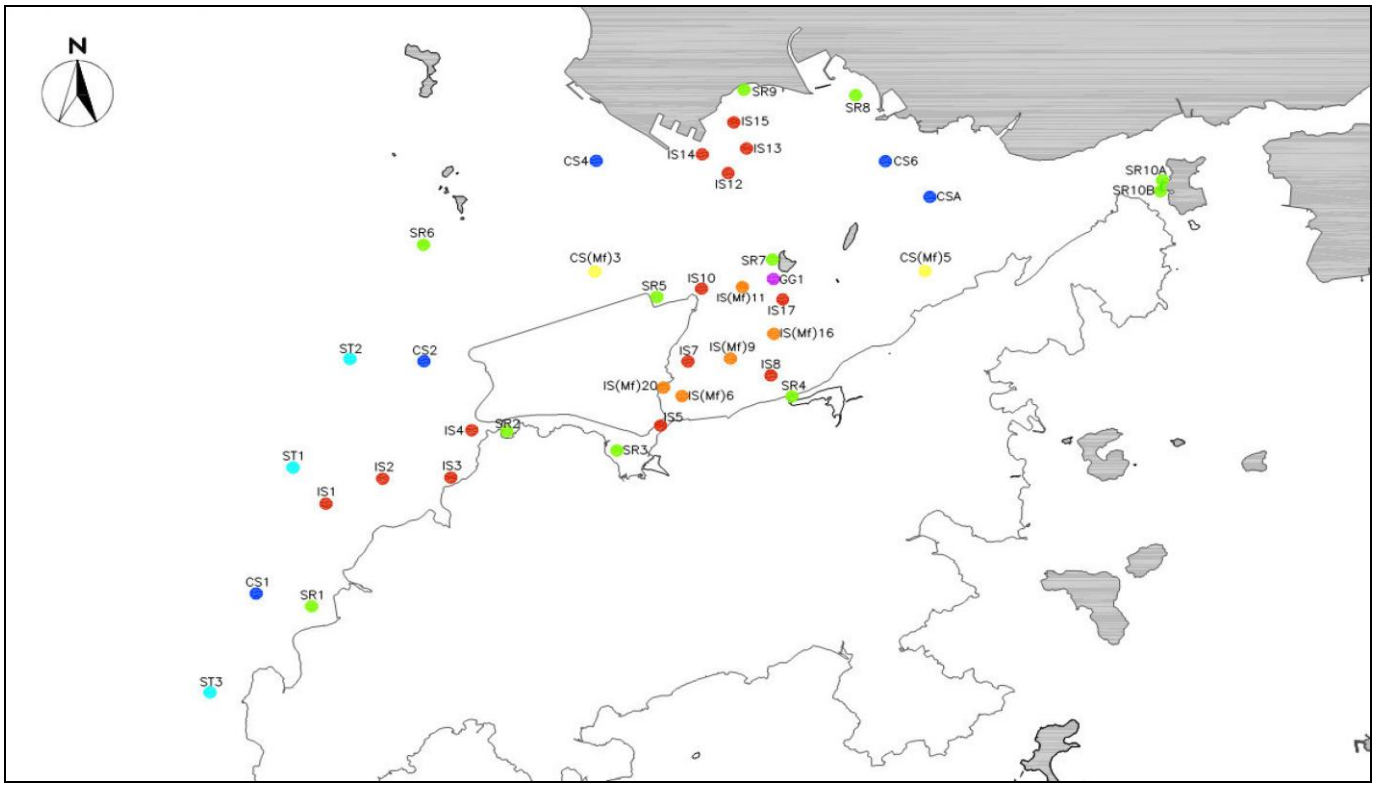
The measured values at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, IS10, SR3, SR4, and SR5 were within the ranges of suspended solid during baseline monitoring for mid-ebb and mid-flood tide.

3. 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 : 07 February 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.: 082

Date of Notification: 02 February 2013

Works Inspected: Data collected from water sampling works on 23 January 2013 and the results were issued on 01 February 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 (NTU)	LL (NTU)	MEASURED AT MID-EBB TIDE (NTU)	MEASURED AT MID-FLOOD TIDE (NTU)
TURB	IS5	DA	**27.5** or 120% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 1.85 x 120% =**2.2** for mid ebb AND CS(Mf)5: 1.42 x 120% = **1.7** for mid flood)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 1.85 x 130% =**2.4** for mid ebb AND CS(Mf)5: 1.42 x 130% = **1.8** for mid flood)	***5.8***	***4.5***
TURB	IS(Mf)6	DA			***6.5***	***5.6***
TURB	IS7	DA			***6.4***	***3.6***
TURB	IS8	DA			***3.0***	***5.2***
TURB	IS(Mf)9	DA			***3.5***	***5.4***
TURB	IS10	DA			***2.3***	***5.0***
TURB	SR3	DA			***3.1***	***5.0***
TURB	SR4	DA			***2.9***	***3.6***
TURB	SR5	DA			***2.4***	***3.2***

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 23 January 2013, exceedances of AL at stations IS10 and SR5 and exceedances of LL at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, SR3 and SR4 were recorded during mid-ebb tide.

Execeedances of LL at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, IS10, SR3, SR4 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 reason:

1. The rock filling activities were carried within silt curtain as recommended in the EIA Report.
2. The range of turbidity at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, IS10, SR3, SR4 and SR5 during the baseline monitoring is shown as below:

Station	Range of Turbidity(NTU) Mid-Ebb Tide			Range of Turbidity(NTU) Mid-Flood Tide		
IS5	5.8	to	19.2	5.7	to	21.4
IS(Mf)6	3.3	to	21.7	5.3	to	20.9
IS7	3.4	to	20	5	to	19.4
IS8	4	to	12.2	4.5	to	24.5
IF(Mf)9	2.7	to	17	3.4	to	22.6
IS10	6.7	to	14.7	8.4	to	20.8
SR3	4.6	to	65.7	7.7	to	19.7
SR4	5.2	to	18.9	5	to	20.6
SR5	5.2	to	12.4	7.1	to	30.9

The measured value at stations stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, IS10, SR3, SR4 and SR5 were within the range of turbidity for mid-ebb and mid-flood tide during baseline monitoring.

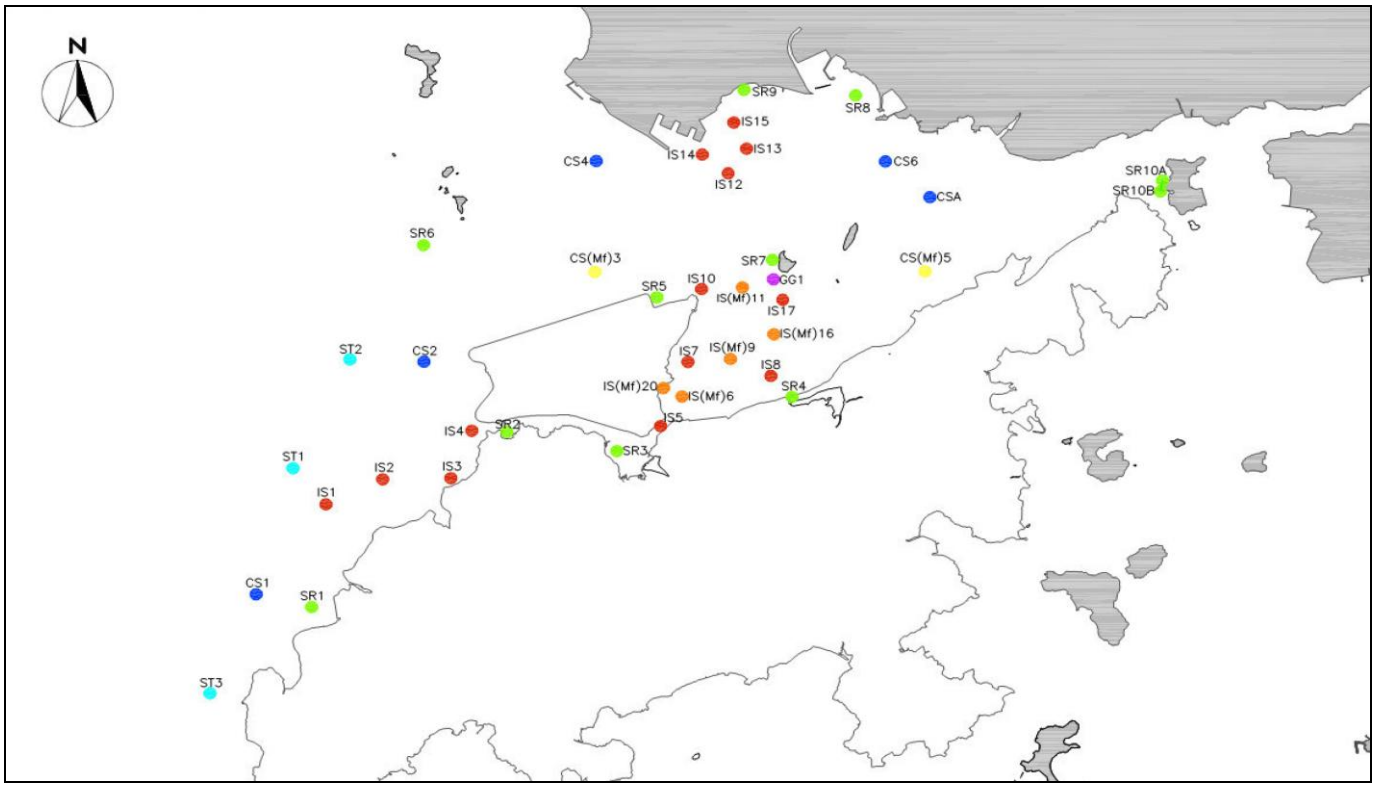
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the turbidity levels 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 turbidity 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 : 07 February 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.: 083

Date of Notification: 07 February 2013

Works Inspected: Data collected from water sampling works on 23 January 2013 and the test report was issued on 01 February 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** or 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 4.53 x 120% = **5.4** mg/L for mid ebb) AND CS(Mf)5: 5.48 x 120% = **6.6** mg/L for mid flood)	**34.4** or 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 4.53 x 130% = **5.9** mg/L for mid ebb) AND CS(Mf)5: 5.48 x 130% = **7.1** mg/L for mid flood)	***8.0***	***7.7***
SS	IS(Mf)6	DA			***7.0***	***7.4***
SS	IS7	DA			***7.9***	***8.3***
SS	IS8	DA			***7.1***	***8.2***
SS	IS(Mf)9	DA			***6.3***	***9.8***
SS	IS10	DA			***10.2***	***11.3***
SS	SR3	DA			***5.6***	***6.8***
SS	SR4	DA			***6.8***	***6.8***
SS	SR10A	DA			***5.8***	5.2
SS	SR10B	DA			***5.8***	5.0

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 23 January 2013, exceedances of AL at stations SR3, SR10A and SR10B and LL exceedances at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, IS10 and SR4 were recorded during mid-ebb tide. Exceedances of AL at stations SR3 and SR4 and LL at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9 and IS10 were recorded for the mid-flood tide.

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

1. The sand filling activities were carried within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, IS10, SR3, SR4, SR10A and SR10B 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
IS8	5.5	to	25.5	5.8	to	31.3
IS(Mf)9	5.5	to	20.1	7.3	to	26
IS10	6.1	to	20.2	7.2	to	16
SR3	6.7	to	31	7.6	to	28
SR4	5.3	to	20	5.6	to	24.5
SR10A	3.6	to	17	4.8	to	19.2
SR10B	3.1	to	30.8	5.7	to	26.7

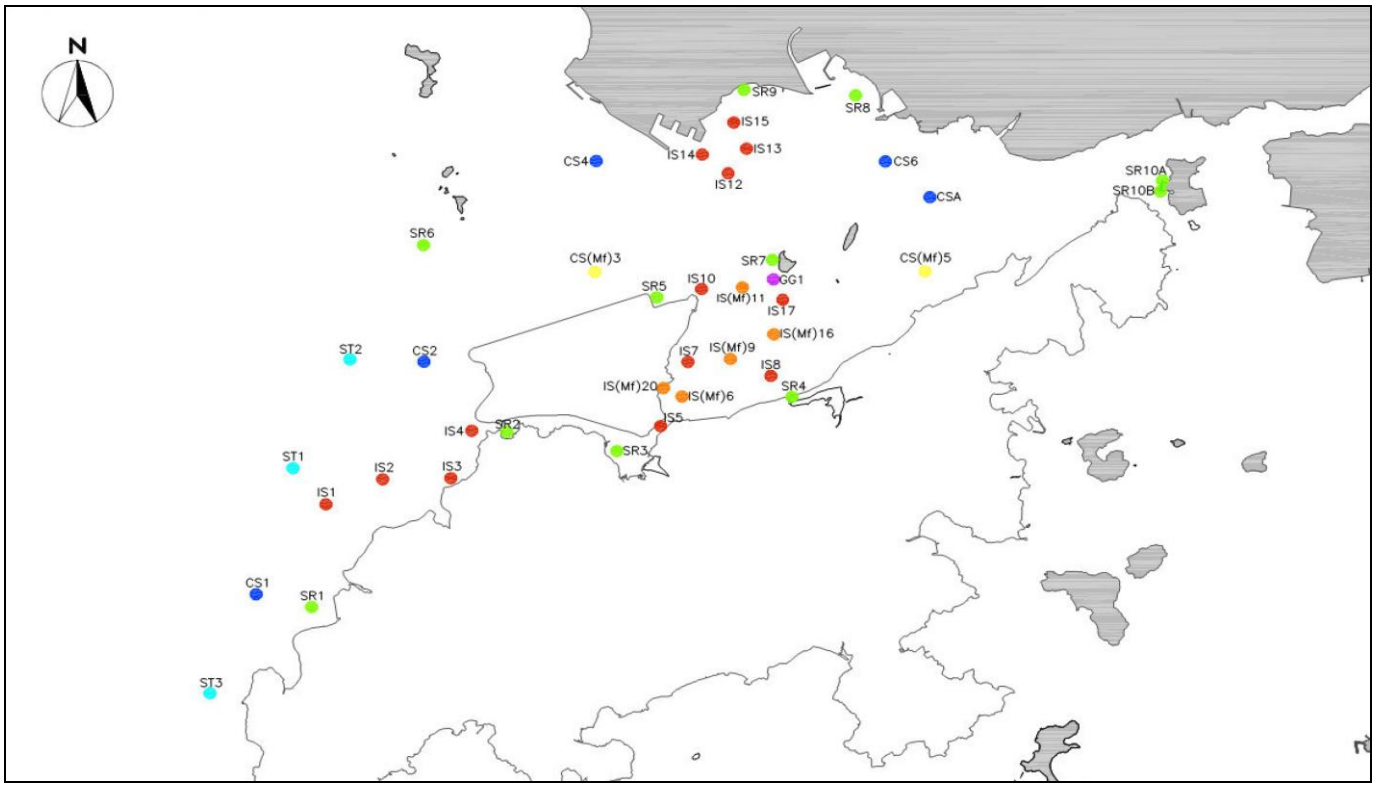
The measured values at IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, IS10, SR3, SR4, SR10A and SR10B were within the ranges of suspended solid during baseline monitoring for mid-ebb tide and mid-flood tide.

3. 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 : 07 February 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.: 084

Date of Notification: 07 February 2013

Works Inspected: Data collected from water sampling works on 25 January 2013 and the results were issued on 01 February 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 (NTU)	LL (NTU)	MEASURED AT MID-EBB TIDE (NTU)	MEASURED AT MID-FLOOD TIDE (NTU)
TURB	IS5	DA	**27.5** or 120% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 2.62 x 120% =**3.1** for mid ebb AND CS(Mf)5: 2.70 x 120% = **3.2** for mid flood)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 2.62 x 130% =**3.4** for mid ebb AND CS(Mf)5: 2.70 x 130% = **3.5** for mid flood)	***4.9***	***4.6***
TURB	IS(Mf)6	DA			***14.0***	***8.2***
TURB	IS7	DA			***4.0***	***6.4***
TURB	IS8	DA			***4.1***	***3.9***
TURB	IS(Mf)9	DA			***5.2***	***4.6***
TURB	SR3	DA			***5.0***	***4.7***
TURB	SR4	DA			***5.0***	***5.7***

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 25 January 2013, exceedances of LL at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, SR3 and SR4 were recorded during mid-ebb tide. Execeedances of LL at IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, SR3 and SR4 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 reason:

1. The rock filling activities were carried within silt curtain as recommended in the EIA Report.
2. The range of turbidity at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, SR3 and SR4 during the baseline monitoring is shown as below:

Station	Range of Turbidity(NTU) Mid-Ebb Tide			Range of Turbidity(NTU) Mid-Flood Tide		
IS5	5.8	to	19.2	5.7	to	21.4
IS(Mf)6	3.3	to	21.7	5.3	to	20.9
IS7	3.4	to	20	5	to	19.4
IS8	4	to	12.2	4.5	to	24.5
IF(Mf)9	2.7	to	17	3.4	to	22.6
SR3	4.6	to	65.7	7.7	to	19.7
SR4	5.2	to	18.9	5	to	20.6

The measured value at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, SR3 and SR4 were within the range of turbidity for mid-ebb and mid-flood tide during baseline monitoring.

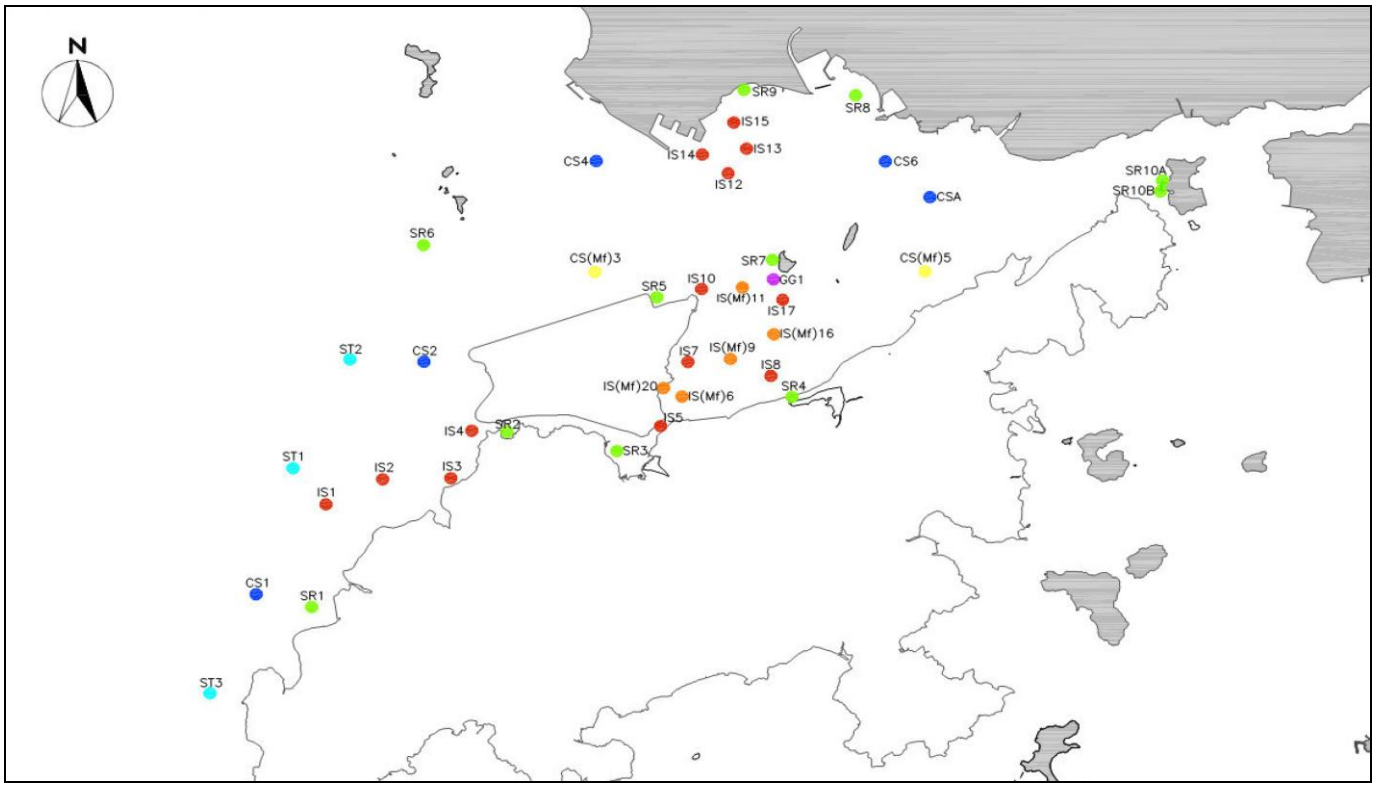
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the turbidity levels 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 turbidity 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 : 07 February 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.: 085

Date of Notification: 07 February 2013

Works Inspected: Data collected from water sampling works on 25 January 2013 and the test report was issued on 01 February 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	**23.5** or 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 5.60 x 120% = **6.7** mg/L for mid ebb) AND CS(Mf)5: 4.95 x 120% = **5.9** mg/L for mid flood)	**34.4** or 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 5.60 x 130% = **7.3** mg/L for mid ebb) AND CS(Mf)5: 4.95 x 130% = **6.4** mg/L for mid flood)	***10.3***	***6.4***
SS	IS7	DA			6.0	***7.2***
SS	SR4	DA			***8.5***	4.7
SS	SR5	DA			***11.0***	4.6

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 25 January 2013, exceedances of LL at stations IS(Mf)6, SR4 and SR5 were recorded during mid-ebb tide. Exceedances of AL at station IS(Mf)6 and LL at station IS7 were recorded for the mid-flood tide.

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

1. The sand filling activities were carried within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at IS(Mf)6, IS7, SR3 and SR4 during the baseline monitoring are shown as below.

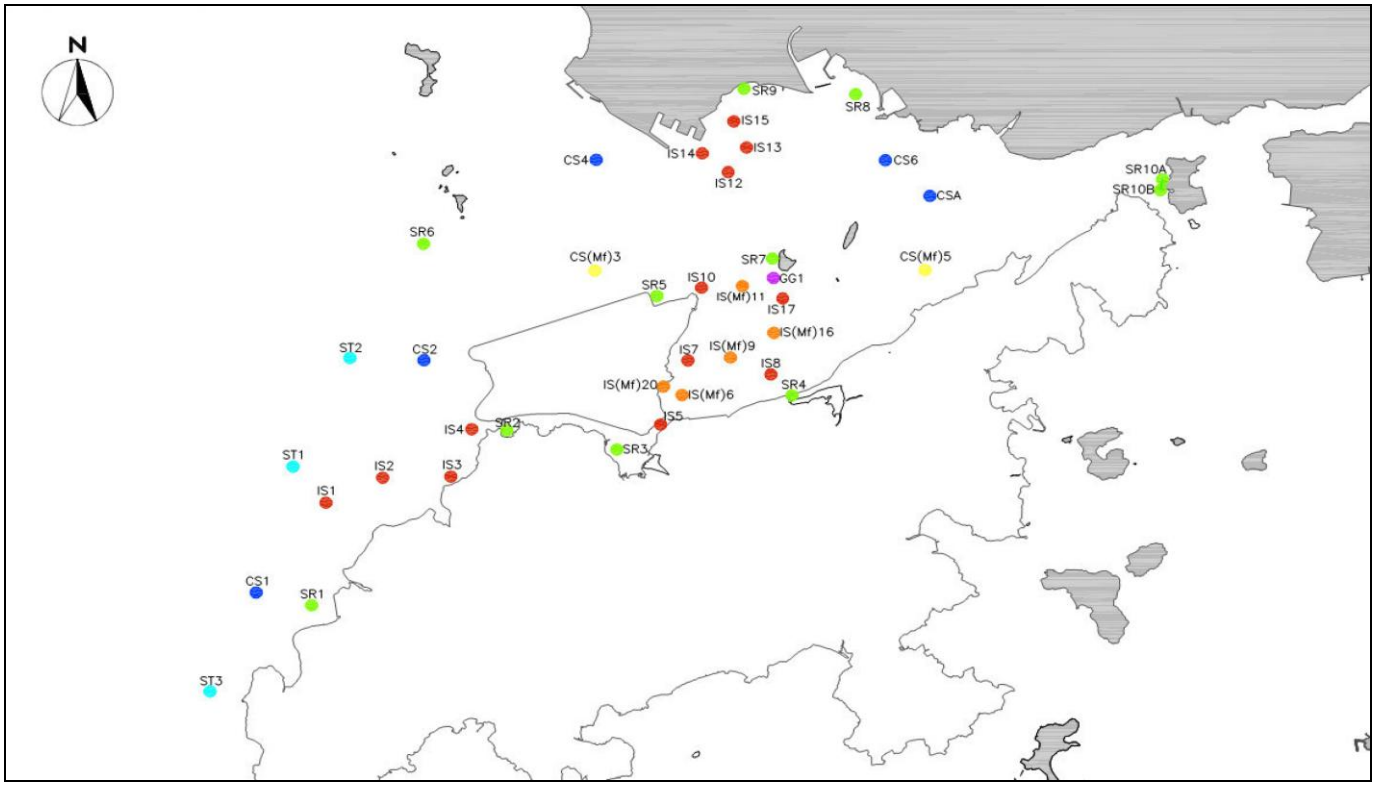
Station	Range of Suspended Solid (mg/L) Mid- Ebb Tide			Range of Suspended Solid (mg/L) Mid- Flood Tide		
IS(Mf)6	7.1	to	19	8.5	to	35
IS7	6.1	to	21	7.8	to	34
SR3	6.7	to	31	7.6	to	28
SR4	5.3	to	20	5.6	to	24.5

   The measured values at IS(Mf)6, IS7, SR3 and SR4 were within the ranges of suspended solid during baseline monitoring for mid-ebb tide and mid-flood tide.
3. 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 : 07 February 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.: 086

Date of Notification: 07 February 2013

Works Inspected: Data collected from water sampling works on 28 January 2013 and the results were issued on 02 February 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 (NTU)	LL (NTU)	MEASURED AT MID-EBB TIDE (NTU)	MEASURED AT MID-FLOOD TIDE (NTU)
TURB	IS5	DA	**27.5** or 120% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 3.20 x 120% =**3.8** for mid ebb AND CS(Mf)5: 7.35 x 120% = **8.8** for mid flood)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 3.20 x 130% =**4.2** for mid ebb AND CS(Mf)5: 7.35 x 130% = **9.6** for mid flood)	***6.2***	4.5
TURB	IS(Mf)6	DA			***5.0***	5.8
TURB	IS7	DA			***5.6***	6.5
TURB	SR3	DA			***5.4***	4.6

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 28 January 2013, exceedances of LL at stations 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 reason:

1. The range of turbidity at stations IS5, IS(Mf)6, IS7 and SR3 during the baseline monitoring is shown as below:
2.

Station	Range of Turbidity(NTU) Mid-Ebb Tide			Range of Turbidity(NTU) Mid-Flood Tide		
IS5	5.8	to	19.2	5.7	to	21.4
IS(Mf)6	3.3	to	21.7	5.3	to	20.9
IS7	3.4	to	20	5	to	19.4
SR3	4.6	to	65.7	7.7	to	19.7

The measured value at stations IS5, IS(Mf)6, IS7 and SR3 were within the range of turbidity for mid-ebb tide during baseline monitoring.

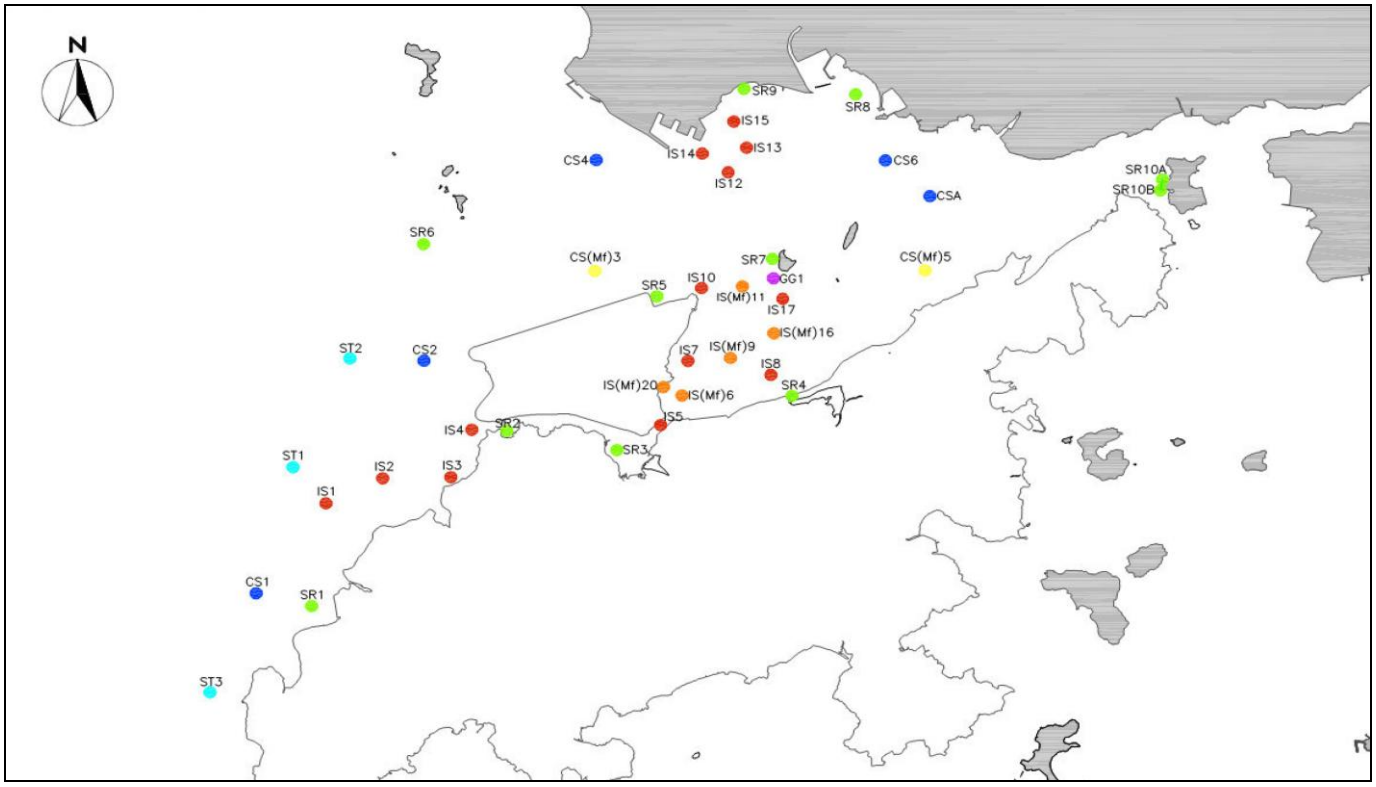
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the turbidity levels 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 turbidity 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 : 07 February 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.: 087A

Date of Notification: 07 February 2013

Works Inspected: Data collected from water sampling works on 30 January 2013 and the test report were issued on 02 February 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 (NTU)	LL (NTU)	MEASURED AT MID-EBB TIDE (NTU)	MEASURED AT MID-FLOOD TIDE (NTU)
SS	IS5	DA	**27.5** or 120% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 2.88 x 120% =**3.5** for mid ebb AND CS(Mf)5: 6.13 x 120% = **7.4** for mid flood)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 2.88 x 130% =**3.7** for mid ebb AND CS(Mf)5: 6.13 x 130% = **8.0** for mid flood)	***6.1***	5.7
SS	IS(Mf)6	DA			***6.3***	***8.2***
SS	IS7	DA			***7.5***	5.6
SS	IS8	DA			***4.6***	6.1
SS	IS(Mf)9	DA			***4.2***	5.8
SS	SR3	DA			***5.5***	5.7
SS	SR4	DA			***6.0***	6.0
SS	SR5	DA			***5.0***	***10.3***

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 30 January 2013, exceedances of LL at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, SR3, SR4 and SR5 were recorded during mid-ebb tide. Exceedances of LL at stations IS(Mf)6 and SR5 were recorded during mid-flood tide. The exceedances have been investigated and are considered unlikely to be related to contract works.

1. The range of turbidity at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, SR3, SR4 and SR5 during the baseline monitoring is shown as below:

Station	Range of Suspended Solids(mg/L) Mid-Ebb Tide			Range of Suspended Solids(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
IS8	5.5	to	25.5	5.8	to	31.3
IS(Mf)9	5.5	to	20.1	7.3	to	26
SR3	6.7	to	31	7.6	to	28
SR4	5.3	to	20	5.6	to	24.5
SR5	6.7	to	16.5	6.5	to	31.2

The measured value at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, SR3, SR4 and SR5 were within the range of turbidity for mid-ebb tide and mid-flood tide during baseline monitoring.

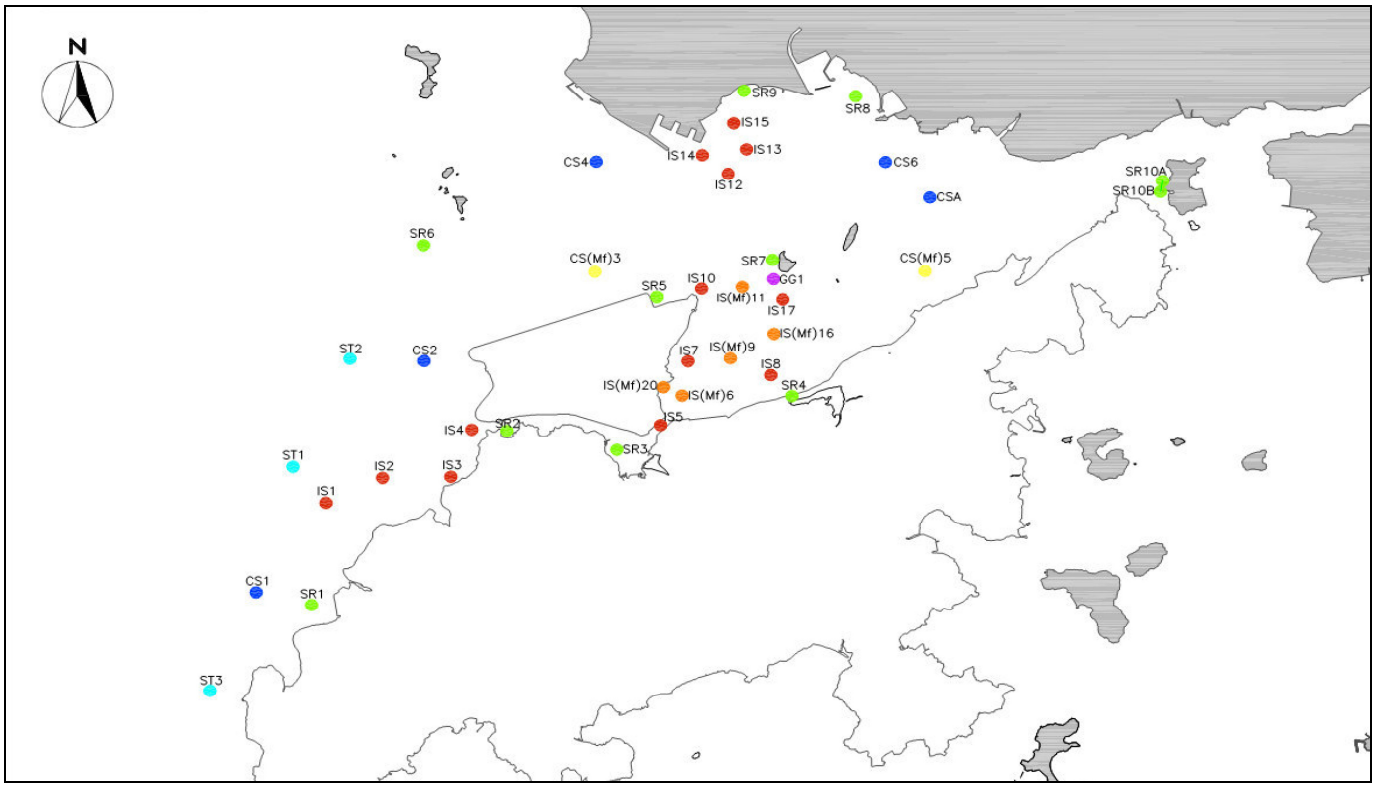
2. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the suspended solid levels 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 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 : 07 February 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.: 090

Date of Notification: 14 Feb 2013

Works Inspected: Data collected from water sampling works on 30 January 2013 and the test report was issued on 06 February 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** or 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 6.52 x 120% = **7.8** mg/L for mid ebb) AND CS(Mf)5: 3.85 x 120% = **4.6** mg/L for mid flood)	**34.4** or 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 6.52 x 130% = **8.5** mg/L for mid ebb) AND CS(Mf)5: 3.85 x 130% = **5.0** mg/L for mid flood)	6.3	***5.8***
SS	IS(Mf)6	DA			3.4	***7.2***
SS	IS7	DA			***7.9***	***5.6***
SS	IS8	DA			4.1	***5.2***
SS	IS(Mf)9	DA			5.5	***5.8***
SS	IS10	DA			6.5	***14.3***
SS	SR3	DA			6.0	***5.7***
SS	SR4	DA			4.5	***6.1***
SS	SR5	DA			***8.9***	***25.1***
SS	SR10B	DA			5.9	***8.1***

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 31 January 2013, an exceedance of AL at station at IS7 and a LL exceedance at station SR5 were recorded during mid-ebb tide. Exceedances of LL at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, IS10, SR3, SR4, SR5 and SR10B were recorded for the mid-flood tide.

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

1. The ranges of suspended solid at IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, IS10, SR3, SR4, SR5 and SR10B and 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
IS8	5.5	to	25.5	5.8	to	31.3
IS(Mf)9	5.5	to	20.1	7.3	to	26
IS10	6.1	to	20.2	7.2	to	16
SR3	6.7	to	31	7.6	to	28
SR4	5.3	to	20	5.6	to	24.5
SR5	6.7	to	16.5	6.5	to	31.2
SR10B	3.1	to	30.8	5.7	to	26.7

The measured values at IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, IS10, SR3, SR4, SR5 and were within the ranges of suspended solid during baseline monitoring for mid-ebb tide and mid-flood tide.

2. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

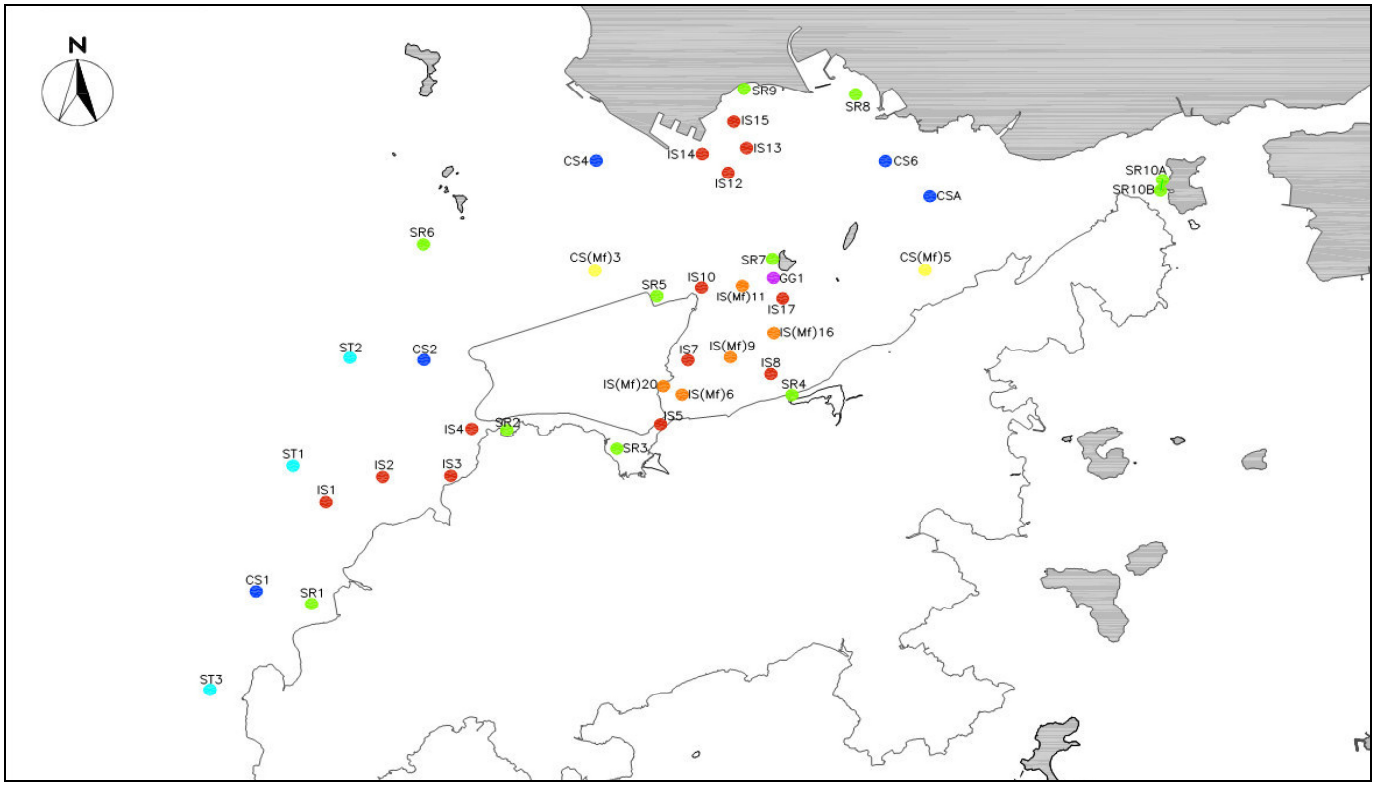
3. No leakage of turbid water or any abnormity or malpractice was observed during the sampling exercise.

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 : 14 February 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.: 098A

Date of Notification: 18 Feb 2013

Works Inspected: Data collected from water sampling works on 28 January 2013 and the test report was issued on 04 February 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	**23.5** or 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 3.20 x 120% = **3.8** mg/L for mid ebb) AND CS(Mf)5: 7.35 x 120% = **8.8** mg/L for mid flood)	**34.4** or 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 3.20x 130% = **4.2** mg/L for mid ebb) AND CS(Mf)5: 7.35 x 130% = **9.6** mg/L for mid flood)	7.4	***10.5***
SS	IS7	DA			8.1	***9.1***
SS	IS8	DA			6.6	***9.9***
SS	IS(Mf)9	DA			5.4	***9.7***
SS	IS10	DA			9.1	***14.7***
SS	SR3	DA			5.9	***6.5***
SS	SR4	DA			6.3	***6.3***
SS	SR5	DA			6.1	***11.7***
SS	SR10B	DA			5.3	***6.9***

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 28 January 2013, exceedances of LL at stations are IS(Mf)6, IS7, IS8, IS(Mf)9, IS10, SR3, SR5 and SR10B were recorded for the mid-flood tide. As well as, an exceedance of AL at station SR4 was recorded for the mid-flood tide.

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

1. The ranges of suspended solid IS(Mf)6, IS7, IS8, IS(Mf)9, IS10, SR3, SR4, SR5 and SR10B and 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
IS7	6.1	to	21	7.8	to	34
IS8	5.5	to	25.5	5.8	to	31.3
IS(Mf)9	5.5	to	20.1	7.3	to	26
IS10	6.1	to	20.2	7.2	to	16
SR3	6.7	to	31	7.6	to	28
SR4	5.3	to	20	5.6	to	24.5
SR5	6.7	to	16.5	6.5	to	31.2
SR10B	3.1	to	30.8	5.7	to	26.7

The measured values at IS(Mf)6, IS7, IS8, IS(Mf)9, IS10, SR3, SR4, SR5 and SR10B were within the ranges of suspended solid during baseline monitoring for mid-ebb tide and mid-flood tide.

2. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the

monitoring results.

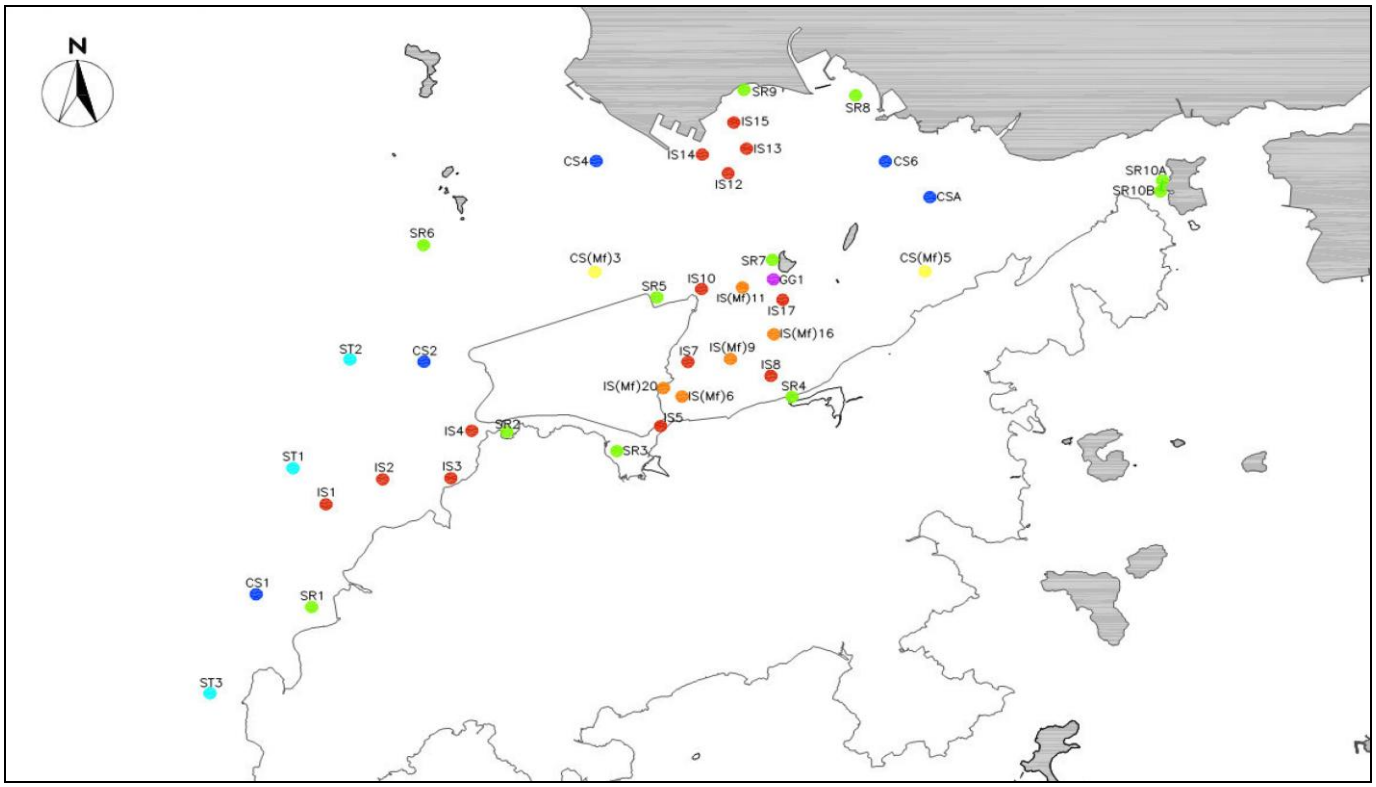
3. No leakage of turbid water or any abnormity or malpractice was observed during the sampling exercise.

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 : 18 February 2013

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