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.: 036a

Date of Notification: 4 January 2013

Works Inspected: Data collected from water sampling works on 1 December 2012 and the results were issued on 3 December 2012

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: 9.35 x 120% =**11.2** for mid ebb on 1-Dec-2012 AND CS(Mf)5: 20.10 x 120% =**24.1** for mid flood on 1-Dec-2012)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 9.35 x 130% =**12.2** for mid ebb on 1-Dec-2012 AND CS(Mf)5: 20.10 x 130% =**26.1** for mid flood on 1-Dec-2012)	***12.0***	12.2
TURB	IS(Mf)6	DA			***<u>26.1</u>***	***<u>34.6</u>***
TURB	IS7	DA			***11.2***	***25.8***
TURB	IS(Mf)9	DA			***11.5***	14.0
TURB	IS10	DA			***11.9***	20.2
TURB	SR3	DA			***<u>14.3</u>***	12.5

Notes:
DA means depth average.
Bold Italic means AL exceedances.
<u>Bold Italic with underline</u> means LL exceedances.

Possible reason for Action or Limit Level Non-compliance:

On 1 December 2012, exceedances of AL at stations IS5, IS7, IS(Mf)9 and IS10 and exceedances of LL at stations IS(Mf)6 and SR3 were recorded during mid-ebb tide. An exceedance of AL at station IS7 and an exceedance of LL at station IS(Mf)6 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. No major marine works were carried out near the monitoring stations. Vessel maintenance works were being carried out during the sampling period.
2. The ranges of turbidity at stations IS5, IS(Mf)6, IS7, IS(Mf)9, IS10 and SR3 during the baseline monitoring are 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	20.0	5.0	to	19.4
IS(Mf)9	2.7	to	17.0	3.4	to	22.6
SR3	4.6	to	65.7	7.7	to	19.7
IS10	6.7	to	14.7	8.4	to	20.8

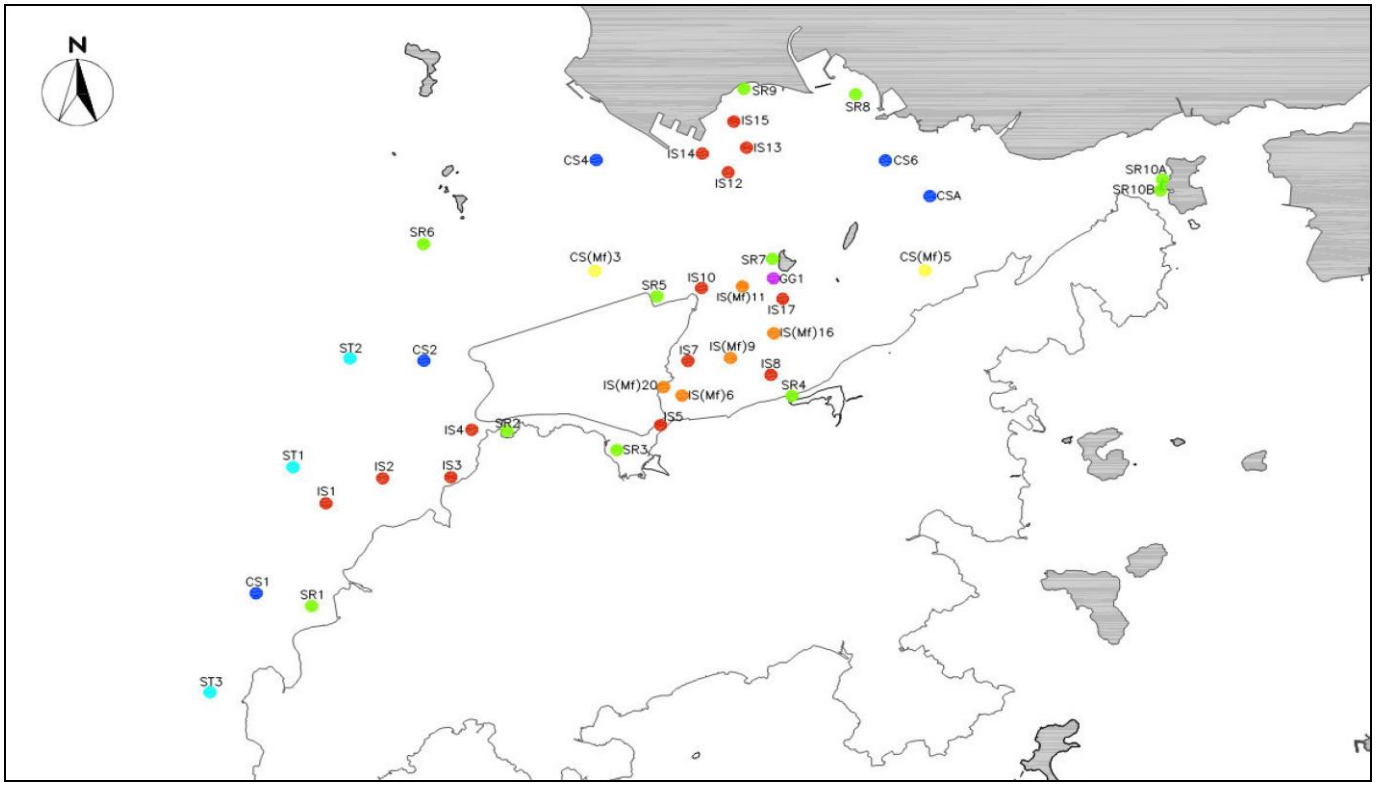
   The measured values at stations IS5, IS7, IS(Mf)9, IS10 and SR3 were within the ranges of turbidity for mid ebb tide during baseline monitoring and the measured values at stations IS5, IS(Mf)9, IS10 and SR3 were within the ranges of turbidity for mid flood tide during baseline monitoring.
3. IS(Mf)6 is located near the public marine traffic channel. The high suspended solid level was likely caused by public marine traffic activities.
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 : 4 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.: 037a

Date of Notification: 4 January 2013

Works Inspected: Data collected from water sampling works on 1 December 2012 and the test report was issued on 7 December 2012

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. CS(Mf)5: 7.03 x 120% =**8.4** mg/L for mid ebb on 26-Nov-2012) AND CS(Mf)5: 18.53 x 120% =**22.2** mg/L for mid flood on 26-Nov-2012)	**34.4** or 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS(Mf)5: 7.03 x 130% =**9.1** mg/L for mid ebb on 26-Nov-2012)CS(Mf)5: 18.53 x 130% =**24.1** mg/L for mid flood on 26-Nov-2012)	***10.2***	11.4
SS	IS(Mf)6	DA			***27.1***	***47.5***
SS	IS7	DA			***9.1***	***30.1***
SS	IS(Mf)9	DA			***9.9***	13.5
SS	IS10	DA			***9.7***	16.6
SS	SR3	DA			***9.5***	14.5

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 1 December 2012, an exceedance of the AL at station IS7 and exceedances LL at stations IS5, IS(Mf)6, IS(Mf)9, IS10 and SR3 were recorded during mid-ebb tide. Exceedances of LL at 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 reasons:

1. No major marine works were carried out near the monitoring stations during the sampling period.
2. The ranges of suspended solid at stations IS5, IS(Mf)6, IS7, 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	7.0	to	23.7
IS(Mf)6	7.1	to	19.0	8.5	to	35.0
IS7	6.1	to	21.0	7.8	to	34.0
IS(Mf)9	5.5	to	20.1	7.3	to	26.0
SR3	6.7	to	31.0	7.6	to	28.0
IS10	6.1	to	20.2	7.2	to	16.0

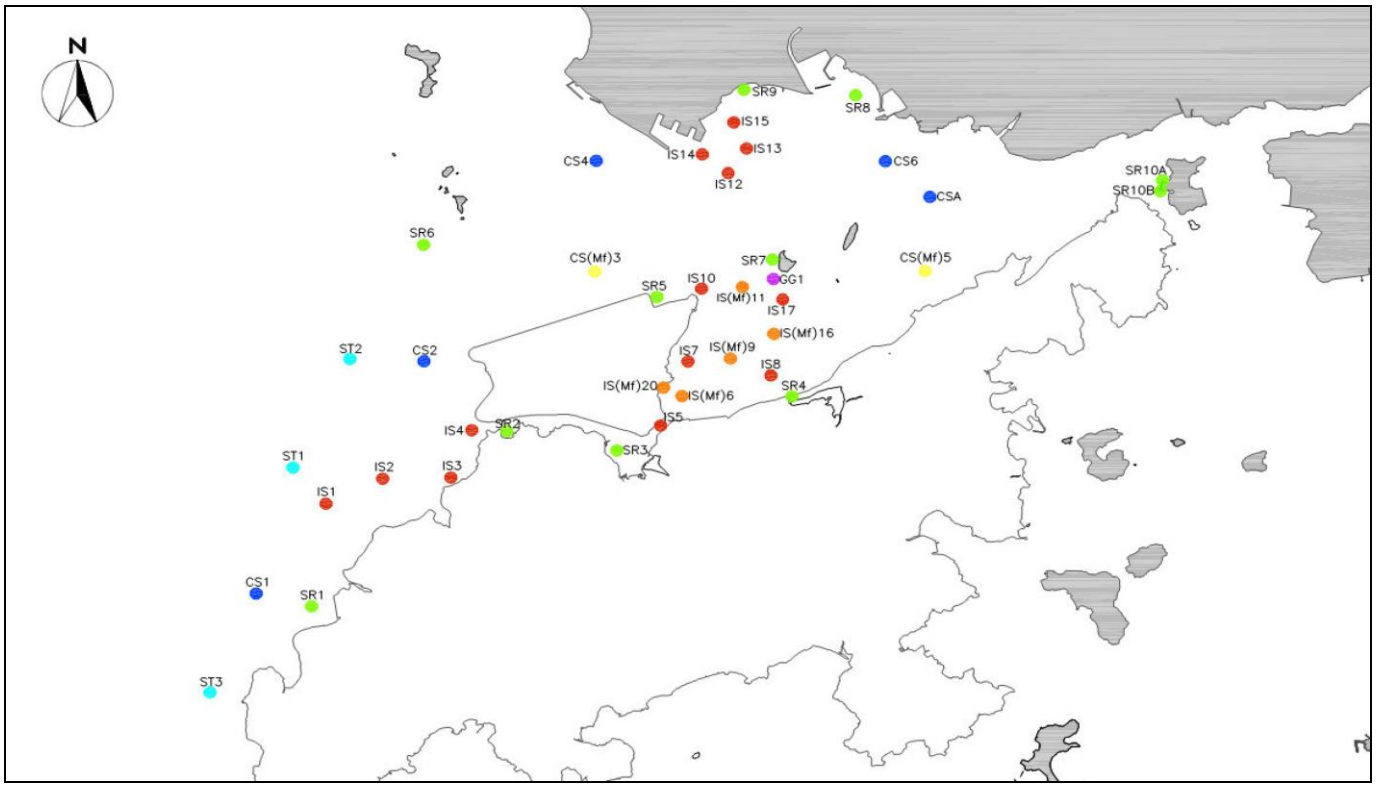
The measured values at stations IS5, IS7, IS(Mf)9, IS10 and SR3 were within the ranges of suspended solid levels for ebb tide during baseline monitoring and the measured values at stations IS7, IS(Mf)9 and SR3 were within the ranges of suspended solid levels for flood tide during baseline monitoring.

3. IS(Mf)6 is located near the public marine traffic channel. The high suspended solid level was likely caused by public marine traffic activities.

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 : 4 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.: 038

Date of Notification: 11 December 2012

Works Inspected: Data collected from water sampling works on 3 December 2012 and the results were issued on 5 December 2012

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: 10.80 x 120% =**13.0** for mid ebb on 3-Dec-2012 AND CS(Mf)5: 9.25 x 120% =**11.1** for mid flood on 3-Dec-2012)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 10.80 x 130% =**14.0** for mid ebb on 3-Dec-2012 AND CS(Mf)5: 9.25 x 130% =**12.0** for mid flood on 3-Dec-2012)	***14.2***	10.2
TURB	IS(Mf)6	DA			***14.4***	10.8
TURB	IS7	DA			11.1	***18.2***
TURB	IS8	DA			10.2	***11.9***
TURB	IS(Mf)9	DA			11.9	***13.2***
TURB	IS10	DA			12.4	***19.2***
TURB	SR3	DA			12.7	***13.4***
TURB	SR4	DA			***13.5***	***15.6***
TURB	SR5	DA			***13.6***	***18.2***

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 3 December 2012, exceedances of AL at stations SR4 and SR5 and exceedances of LL at stations IS5 and IS(Mf)6 were recorded during mid-ebb tide. An exceedance of AL at station IS8 and exceedances of LL at stations IS7, 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 ranges of turbidity 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 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	20.0	5.0	to	19.4
IS8	4.0	to	12.2	4.5	to	24.5
IS(Mf)9	2.7	to	17.0	3.4	to	22.6
SR3	4.6	to	65.7	7.7	to	19.7
SR4	5.2	to	18.9	5.0	to	20.6
SR5	5.2	to	12.4	7.1	to	30.9
IS10	6.7	to	14.7	8.4	to	20.8

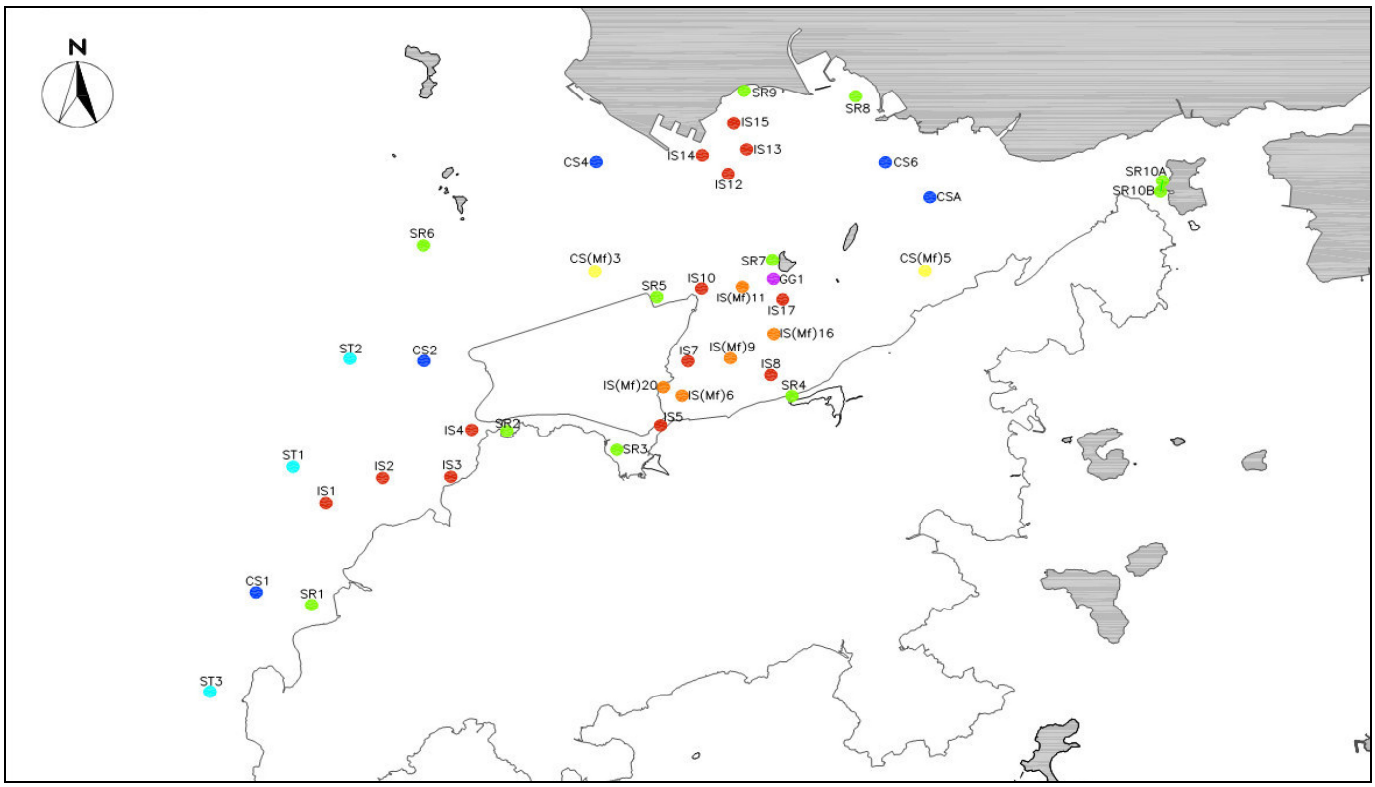
The measured values at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, SR10, SR3 and SR4 were within the ranges of turbidity for mid-ebb tide during baseline monitoring and he measured values at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, SR10, SR3, SR4 and SR5 were within the ranges of turbidity for mid-ebb tide during baseline monitoring.

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 : 12 December 2012

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.: 039

Date of Notification: 11 December 2012

Works Inspected: Data collected from water sampling works on 5 December 2012 and the results were issued on 7 December 2012

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: 12.13 x 120% =**14.6** for mid ebb on 5-Dec-2012 and CS(Mf)5: 9.10 x 120% =**10.9** for mid flood on 5-Dec-2012)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 12.13 x 130% =**15.8** for mid ebb on 5-Dec-2012 and CS(Mf)5: 9.10 x 130% =**11.8** for mid flood on 5-Dec-2012)	12.0	***20.0***
TURB	IS7	DA			***20.9***	***13.8***
TURB	IS8	DA			12.9	***12.7***
TURB	IS10	DA			13.6	***12.0***
TURB	SR3	DA			11.4	***11.0***
TURB	SR4	DA			11.8	***18.4***
TURB	SR5	DA			***16.1***	***20.5***

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 5 December 2012, exceedances of LL at stations IS7 and SR5 were recorded during mid-ebb tide. An exceedance of AL at station SR3 and exceedances of LL at stations IS(Mf)6, IS7, IS8, IS10, 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 ranges of turbidity at stations IS(Mf)6, IS7, IS8, IS10, SR3, SR4 and SR5 during the baseline monitoring are 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	20.0	5.0	to	19.4
IS8	4.0	to	12.2	4.5	to	24.5
SR3	4.6	to	65.7	7.7	to	19.7
SR4	5.2	to	18.9	5.0	to	20.6
SR5	5.2	to	12.4	1.9	to	13.0
IS10	6.7	to	14.7	8.4	to	20.8

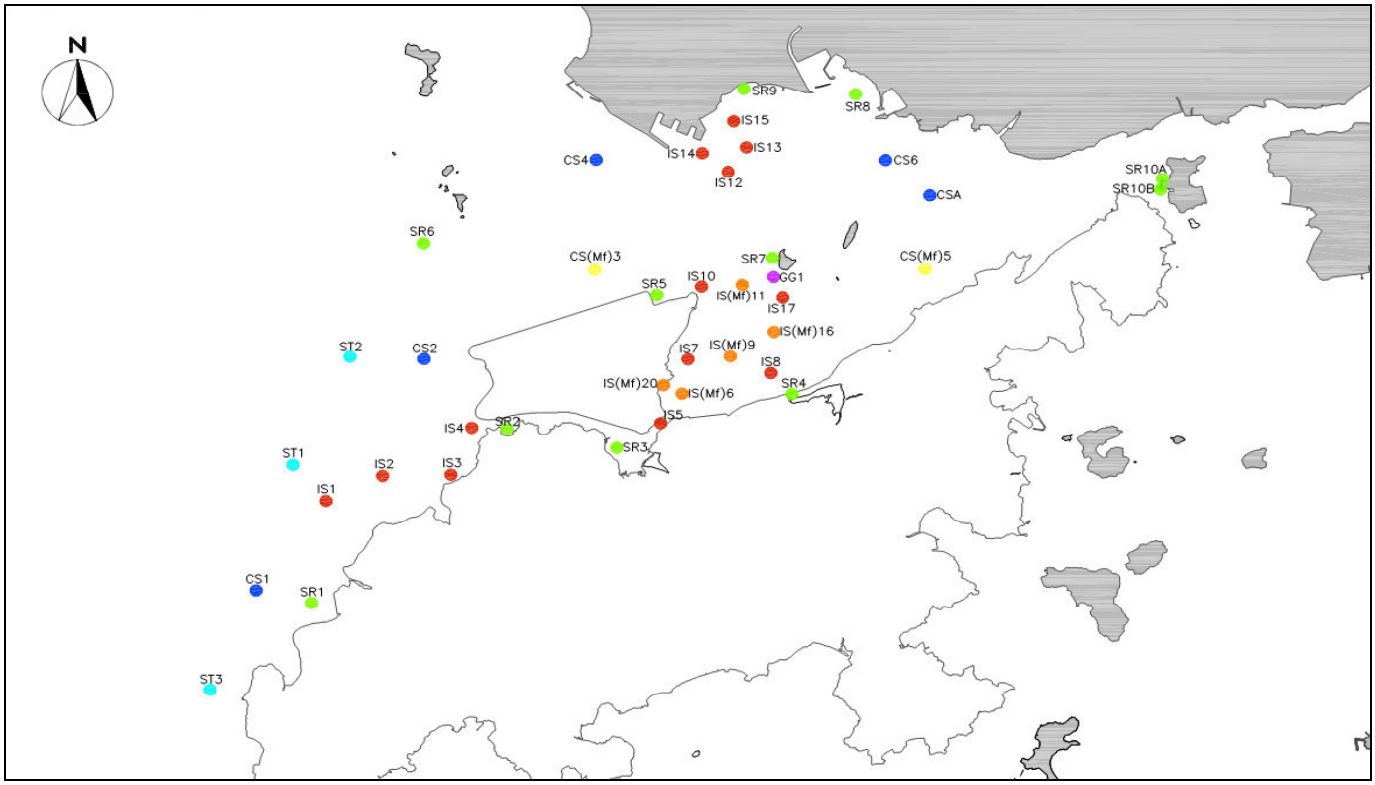
The measured values at stations IS(Mf)6, IS10, SR3 and SR4 were similar the ranges of turbidity for mid-ebb tide during baseline monitoring and the measured values at stations IS(Mf)6, IS7, IS8, ISR10, SR3, SR4 and SR5 were within the ranges of turbidity for mid-flood tide during baseline monitoring.

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 : 12 December 2012

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.: 040

Date of Notification: 11 December 2012

Works Inspected: Data collected from water sampling works on 8 December 2012 and the results were issued on 10 December 2012

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: 9.58 x 120% =**11.5** for mid ebb on 8-Dec-2012 AND CS(Mf)5: 8.40 x 120% =**10.1** for mid flood on 8-Dec-2012)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 9.58 x 130% =**12.5** for mid ebb on 8-Dec-2012 AND CS(Mf)5: 8.40 x 130% =**10.9** for mid flood on 8-Dec-2012)	***11.8***	***15.9***
TURB	IS(Mf)6	DA			***11.6***	***19.4***
TURB	IS7	DA			***11.6***	***14.0***
TURB	IS10	DA			***12.0***	***18.1***
TURB	SR3	DA			10.1	***11.7***
TURB	SR4	DA			10.4	***16.3***
TURB	SR5	DA			9.8	***16.4***

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 8 December 2012, exceedances of AL at stations IS5, IS(Mf)6, IS7 and IS10 were recorded during mid-ebb tide. The exceedance of LL at stations IS5, IS(Mf)6, IS7, 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. No major marine works were carried out near the monitoring stations. Silt curtains maintenance work was being carried out during the sampling period.
2. The ranges of turbidity at stations IS5, IS(Mf)6, IS7, IS10, SR3, SR4 and SR5 during the baseline monitoring are 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	20.0	5.0	to	19.4
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	5.0	to	20.6
SR5	5.2	to	12.4	7.1	to	30.9

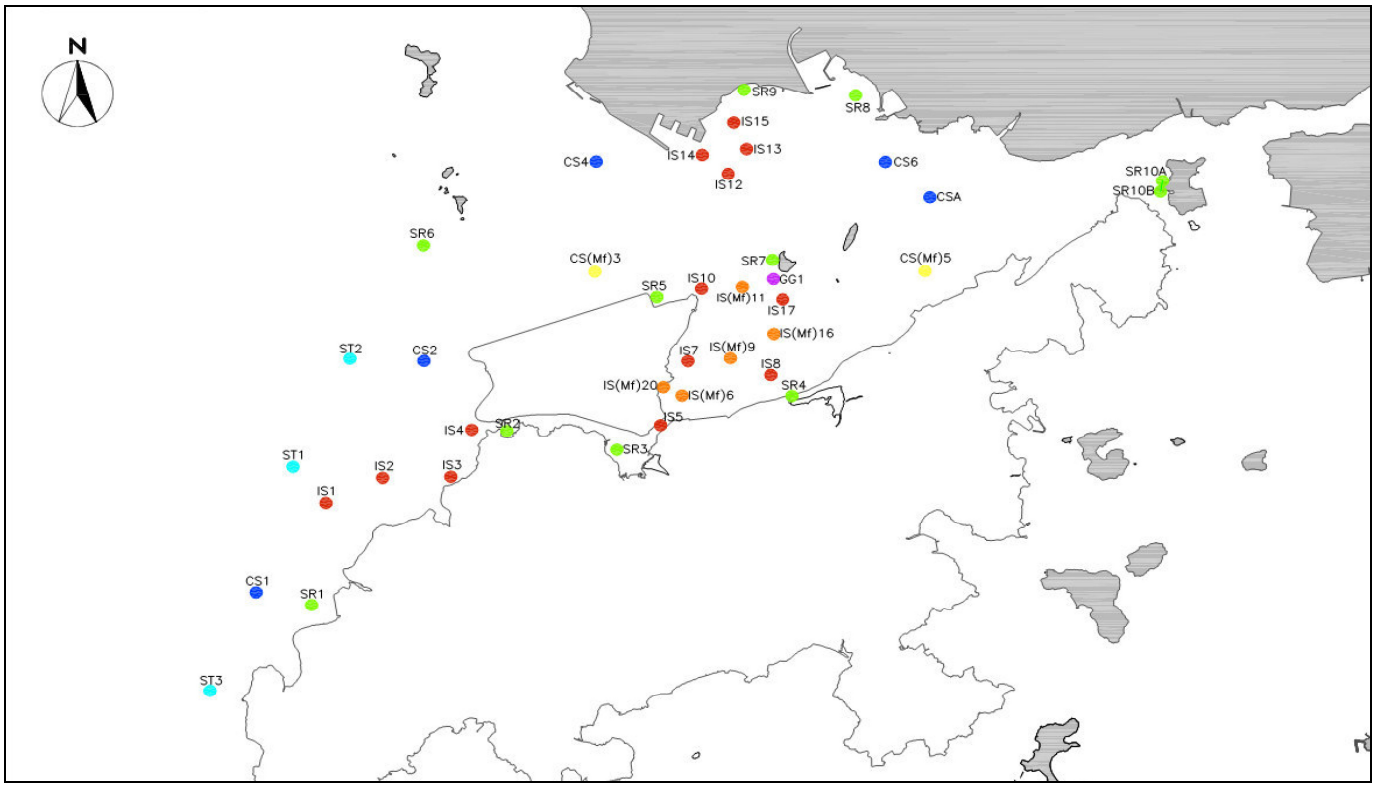
   The measured values at stations IS5, IS(Mf)6, IS7, IS10, SR3, SR4 and SR5 were within the ranges of turbidity during baseline monitoring.
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

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 : 12 December 2012

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.: 041a

Date of Notification: 4 January 2013

Works Inspected: Data collected from water sampling works on 3 December 2012 and the test report was issued on 10 December 2012

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: 6.37 x 120% =**7.6**mg/L for mid ebb on 3-Dec-2012) AND CS(Mf)5: 7.12 x 120% =**8.5** mg/L for mid flood on 3-Dec-2012)	**34.4** or 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 6.37 x 130% =**8.3** mg/L for mid ebb on 3-Dec-2012) AND CS(Mf)5: 7.12 x 130% =**9.3** mg/L for mid flood on 3-Dec-2012)	***13.9***	***12.1***
SS	IS(Mf)6	DA			***12.0***	4.5
SS	IS7	DA			6.9	***16.3***
SS	IS8	DA			6.6	***11.5***
SS	IS(Mf)9	DA			***12.0***	***11.7***
SS	IS10	DA			***9.0***	***22.9***
SS	SR3	DA			***9.1***	***11.9***
SS	SR4	DA			***10.5***	***19.5***
SS	SR5	DA			***11.3***	***17.6***
SS	SR10A	DA			***10.8***	6.6
SS	SR10B	DA			***8.8***	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 3 December 2012, exceedances of the LL at stations IS5, IS(Mf)6, IS(Mf)9, IS10, SR3, SR4, SR5 SR10A and SR10B were recorded during mid-ebb tide. Exceedances of LL at stations IS5, IS7, IS8, IS(Mf)9, IS10, DR3, 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 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, 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		
IS5	8.1	to	25.7	7.0	to	23.7
IS(Mf)6	7.1	to	19.0	8.5	to	35.0
IS7	6.1	to	21.0	7.8	to	34.0
IS8	5.5	to	25.5	5.8	to	31.3
IS(Mf)9	5.5	to	20.1	7.3	to	26.0
IS10	6.1	to	20.2	7.2	to	16.0
SR3	6.7	to	31.0	7.6	to	28.0
SR4	5.3	to	20.0	5.6	to	24.5
SR5	6.7	to	16.5	6.5	to	31.2
SR10A	3.6	to	17.0	4.8	to	19.2
SR10B	3.1	to	30.8	5.7	to	26.7

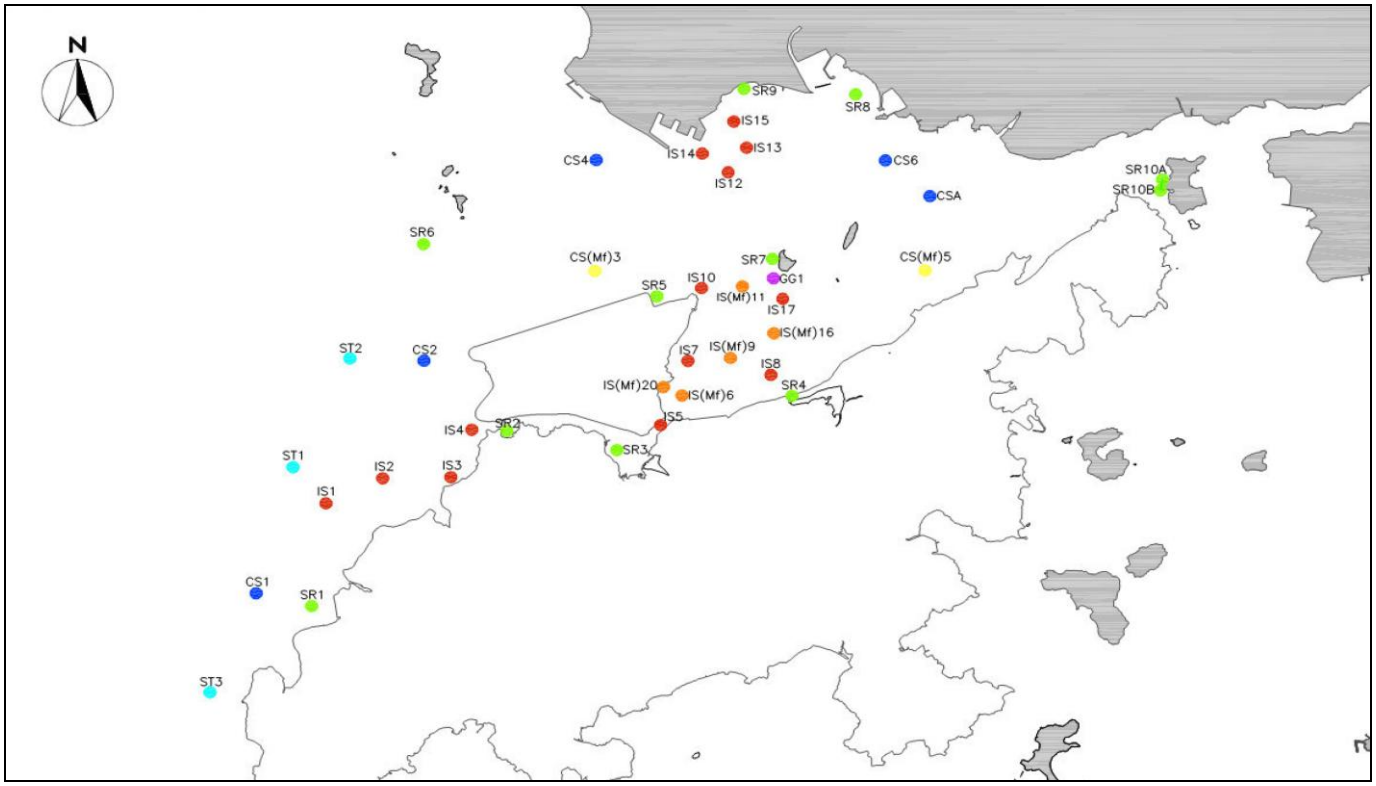
The measured values at stations IS5, IS(Mf)6, IS(Mf)9, IS10, SR3, SR4, SR5 SR10A and SR10B were within the ranges of suspended solid for mid-ebb tide during baseline monitoring and the measured values at stations IS5, IS7, IS8, IS(Mf)9, DR3, SR4 and SR5 were within the ranges of suspended solid for mid-flood tide during baseline monitoring.

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 : 4 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.: 042a

Date of Notification: 4 January 2013

Works Inspected: Data collected from water sampling works on 5 December 2012 and the test report was issued on 12 December 2012

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: 11.32 x 120% =**13.6**mg/L for mid ebb on 5-Dec-2012) AND CS(Mf)5: 8.65 x 120% = **10.4** mg/L for mid flood on 5-Dec-2012)	**34.4** or 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 11.32 x 130% =**14.7** mg/L for mid ebb on 5-Dec-2012) AND CS(Mf)5: 8.65 x 130% = **11.2** mg/L for mid flood on 5-Dec-2012)	10.3	***21.6***
SS	IS7	DA			***19.7***	***13.5***
SS	IS8	DA			***21.8***	***12.1***
SS	IS10	DA			10.8	***11.0***
SS	SR4	DA			10.7	***17.4***
SS	SR5	DA			***15.8***	***22.8***

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 5 December 2012, exceedances of the LL at stations IS7, IS8 and SR5 were recorded during mid-ebb tide. An exceedance of AL at station IS10 and exceedances of the LL at stations IS(Mf)6, IS7, IS8, 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 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, IS10, 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		
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
SR4	5.3	to	20	5.6	to	24.5
SR5	6.7	to	16.5	6.5	to	31.2

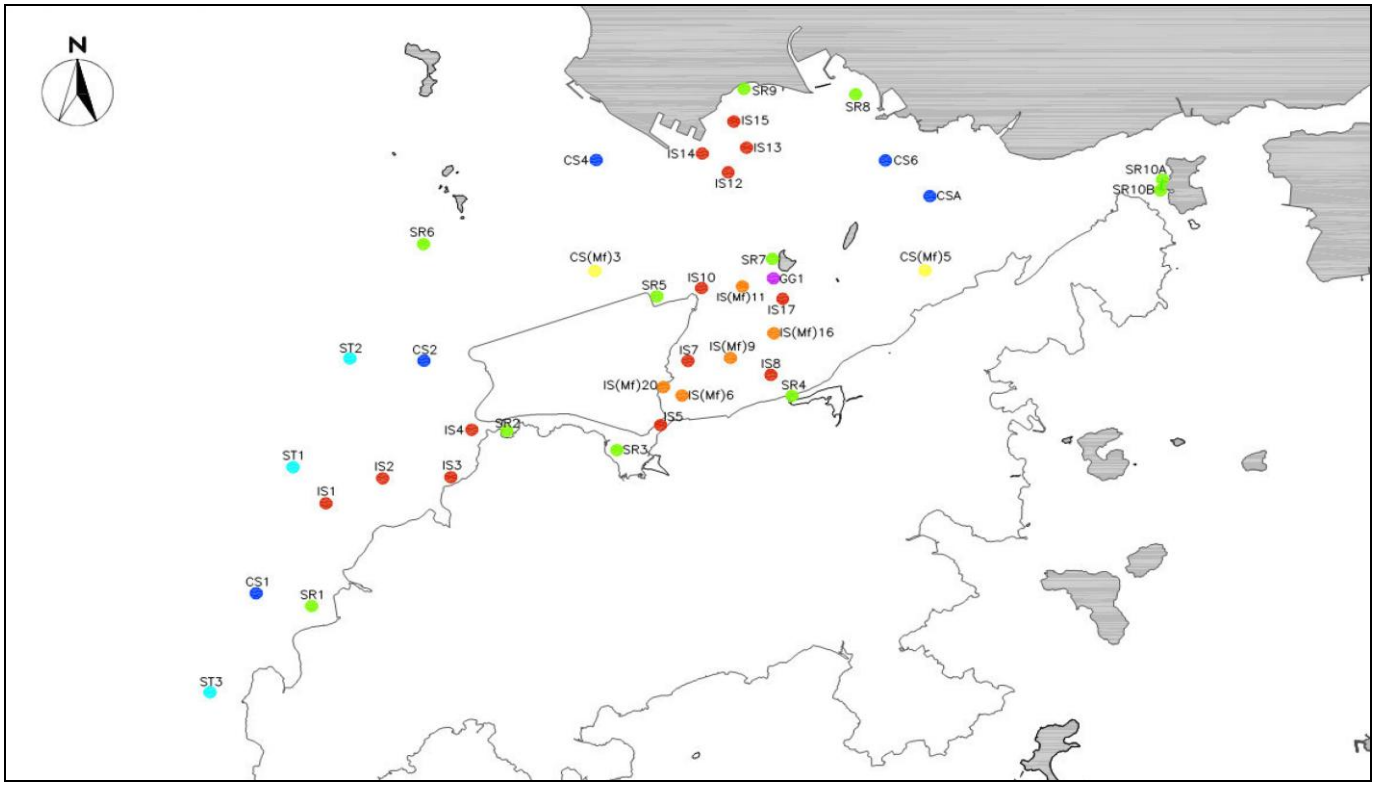
The measured values at stations IS7, IS8 and SR5 were within the ranges of suspended solid for mid-ebb tide during baseline monitoring and the measured values at stations IS(Mf)6, IS7, IS8, IS10, SR4 and SR5 were within the ranges of suspended solid for mid-flood tide during baseline monitoring.

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 : 4 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.: 043a

Date of Notification: 4 January 2013

Works Inspected: Data collected from water sampling works on 8 December 2012 and the test report was issued on 14 December 2012

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: 3.80 x 120% =**4.6**mg/L for mid ebb on 8-Dec-2012) AND CS(Mf)5: 8.85 x 120% = **10.6** mg/L for mid flood on 8-Dec-2012)	**34.4** or 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 3.80 x 130% =**4.9** mg/L for mid ebb on 8-Dec-2012) AND CS(Mf)5: 8.85 x 130% = **11.5** mg/L for mid flood on 8-Dec-2012)	***9.2***	***18.8***
SS	IS(Mf)6	DA			***5.9***	***19.9***
SS	IS7	DA			***8.6***	***16.4***
SS	IS8	DA			***6.0***	8.1
SS	IS10	DA			***5.6***	***26.0***
SS	SR3	DA			***5.5***	***11.0***
SS	SR4	DA			***5.4***	***17.0***
SS	SR5	DA			***6.4***	***18.9***

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 8 December 2012, exceedances of the LL at stations IS5, IS(Mf)6, IS7, IS8. IS10, SR3, SR4 and SR5 were recorded during mid-ebb tide. An exceedances of AL at station SR3 and exceedances of the LL at stations IS5, IS(Mf)6, IS7, IS10, 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 reasons:

1. No major marine works were carried out near the monitoring stations. Silt curtains maintenance work was being carried out during the sampling period.
2. The ranges of suspended solid at stations IS5, IS(Mf)6, IS7, IS8. 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
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

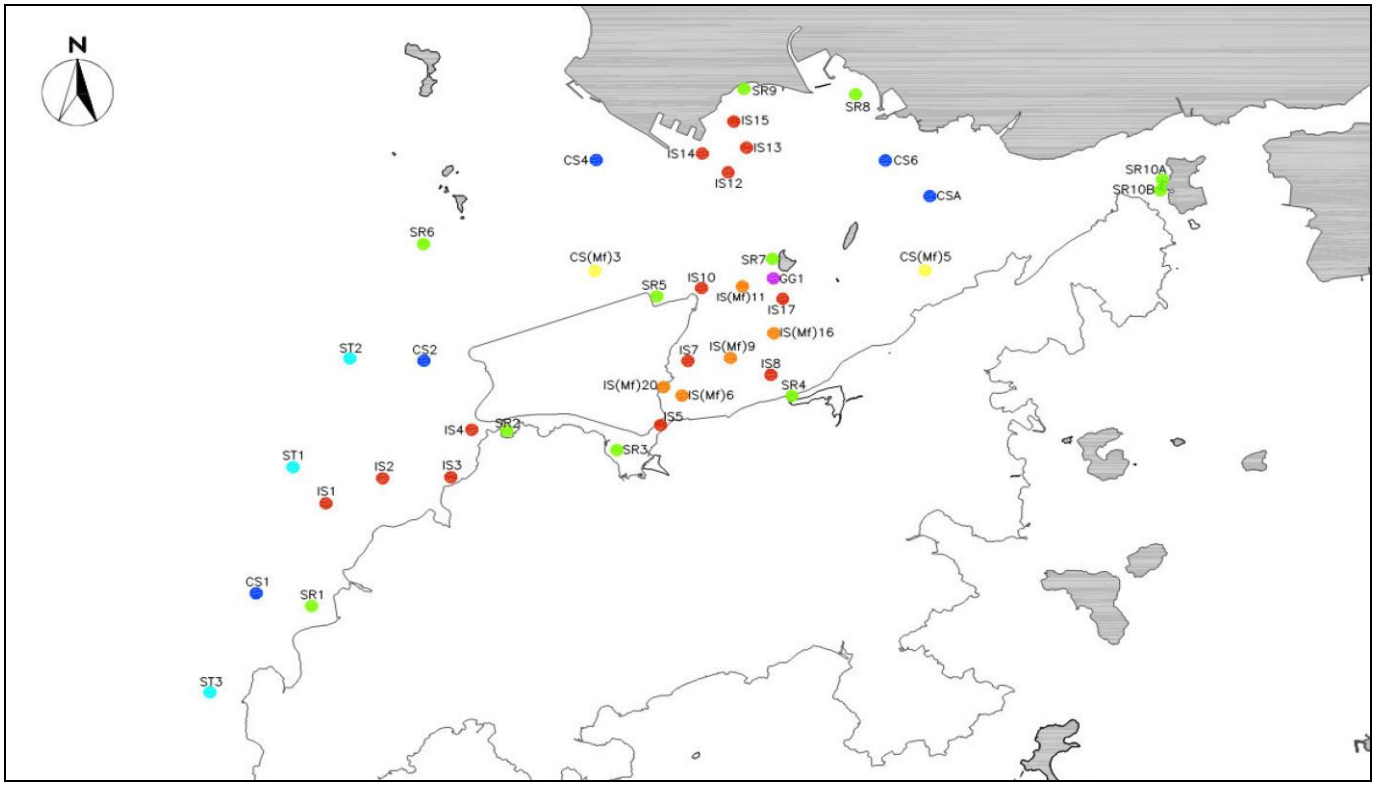
The measured values at stations IS5, IS(Mf)6, IS7, IS8. IS10, SR3, SR4 and SR5 were within the ranges of suspended solid for mid-ebb tide during baseline monitoring and the measured values at stations IS5, IS(Mf)6, IS7, SR3, SR4 and SR5 were within the ranges of suspended solid for mid-flood tide during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

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 : 4 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.: 044

Date of Notification: 24 December 2012

Works Inspected: Data collected from water sampling works on 10 December 2012 and the results were issued on 12 December 2012

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: 11.38 x 120% =**13.7** for mid ebb on 10-Dec-2012 AND CS(Mf)5: 5.92 x 120% =**7.1** for mid flood on 10-Dec-2012)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 11.38 x 130% =**14.8** for mid ebb on 10-Dec-2012 AND CS(Mf)5: 5.92 x 130% =**7.7** for mid flood on 10-Dec-2012)	***14.4***	***11.6***
TURB	IS(Mf)6	DA			***18.4***	***13.2***
TURB	IS7	DA			***24.2***	***8.6***
TURB	IS(Mf)9	DA			***18.4***	***7.6***
TURB	IS10	DA			13.7	***15.2***
TURB	SR3	DA			11.8	***10.6***
TURB	SR4	DA			12.0	***10.7***
TURB	SR5	DA			***15.9***	***16.5***
TURB	SR10A	DA			9.9	***12.6***
TURB	SR10B	DA			10.4	***14.2***

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 10 December 2012, an exeedance of AL at station IS5 and exceedances of LL at stations IS(Mf)6, IS7, IS(Mf)9 and SR5 were recorded during mid-ebb tide. An exceedance of AL at station IS(Mf)9 and exceedances of LL at stations IS5, IS(Mf)6, IS7, 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 reason:

1. The rock filling activities were carried within silt curtain as recommended in the EIA Report.
2. The ranges of turbidity at stations IS5, IS(Mf)6, IS7, IS(Mf)9, IS10, SR3, SR4, SR5, SR10A and SR10B during the baseline monitoring are 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
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 values at stations IS5, IS(Mf)6, IS7, IS(Mf)9 and IS10 were within the ranges of turbidity for mid-ebb tide during baseline monitoring and the measured values at stations IS5, IS(Mf)6, IS7, IS(Mf)9, IS10, SR3, SR4, SR5 and SR10A were within the ranges 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.

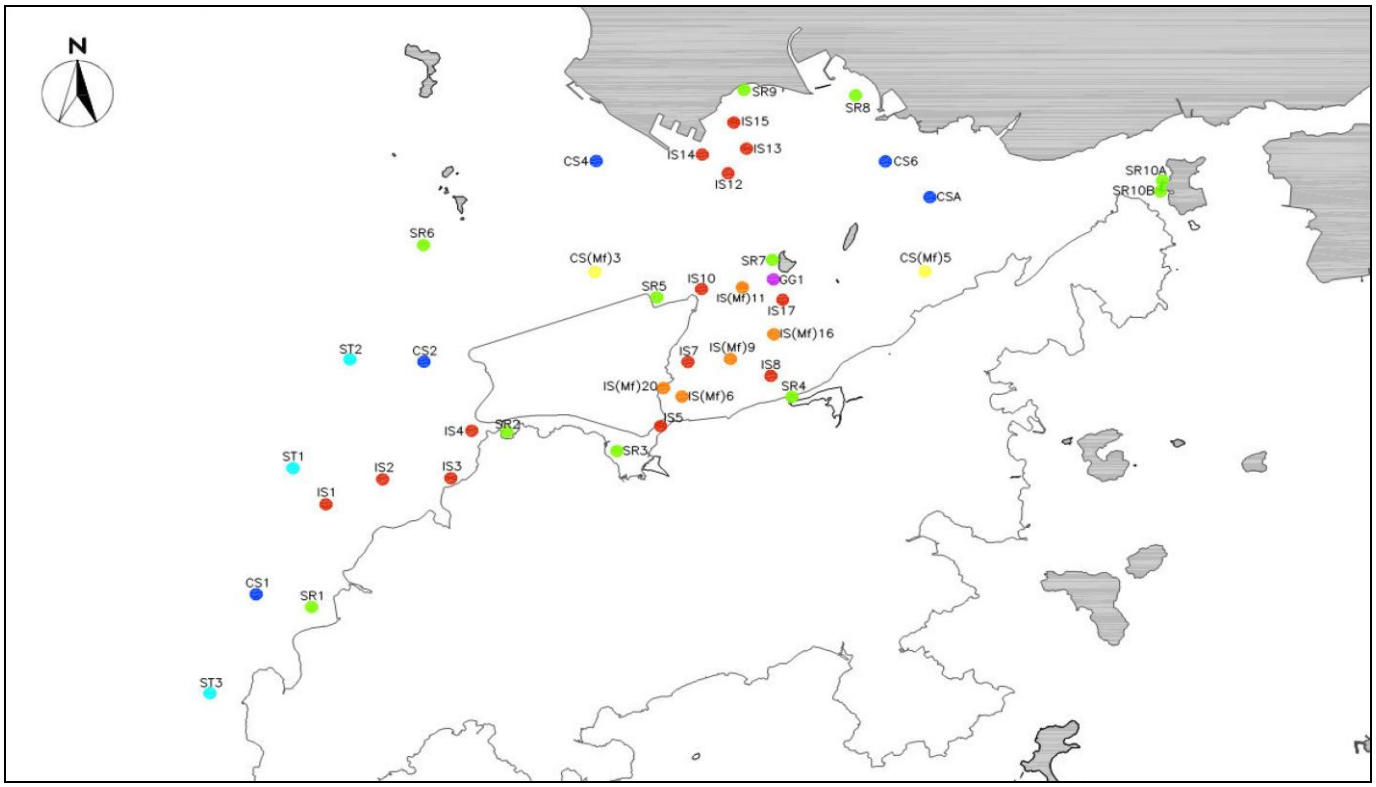
As such, the turbidity levels are considered to be attributed to other external factors such as sea condition, rather than the

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 : 24 December 2012

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.: 045

Date of Notification: 20 December 2012

Works Inspected: Data collected from water sampling works on 12 December 2012 and the results were issued on 14 December 2012

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: 12.50 x 120% =**15.0** for mid ebb on 12-Dec-2012 AND CS(Mf)5: 13.13 x 120% =**15.8** for mid flood on 12-Dec-2012)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 12.50 x 130% =**16.3** for mid ebb on 12-Dec-2012 AND CS(Mf)5: 13.13 x 130% =**17.1** for mid flood on 12-Dec-2012)	***16.5***	12.6
TURB	IS(Mf)6	DA			***18.5***	11.3
TURB	IS7	DA			***16.7***	12.4
TURB	SR4	DA			12.8	***16.1***

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 12 December 2012, exceedances of LL at stations IS5, IS(Mf)6 and IS7 were recorded during mid-ebb tide. An exceedance of AL at station SR4 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 rock filling activities were carried within silt curtain as recommended in the EIA Report.
2. The ranges of turbidity at stations IS5, IS(Mf)6, IS7 and SR4 during the baseline monitoring are 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
SR4	5.2	to	18.9	5	to	20.6

The measured values at stations IS5, IS(Mf)6 and IS7 were within the ranges of turbidity for mid-ebb tide during baseline monitoring and the measured values at station SR4 were within the ranges of turbidity for mid-flood tide during baseline monitoring.

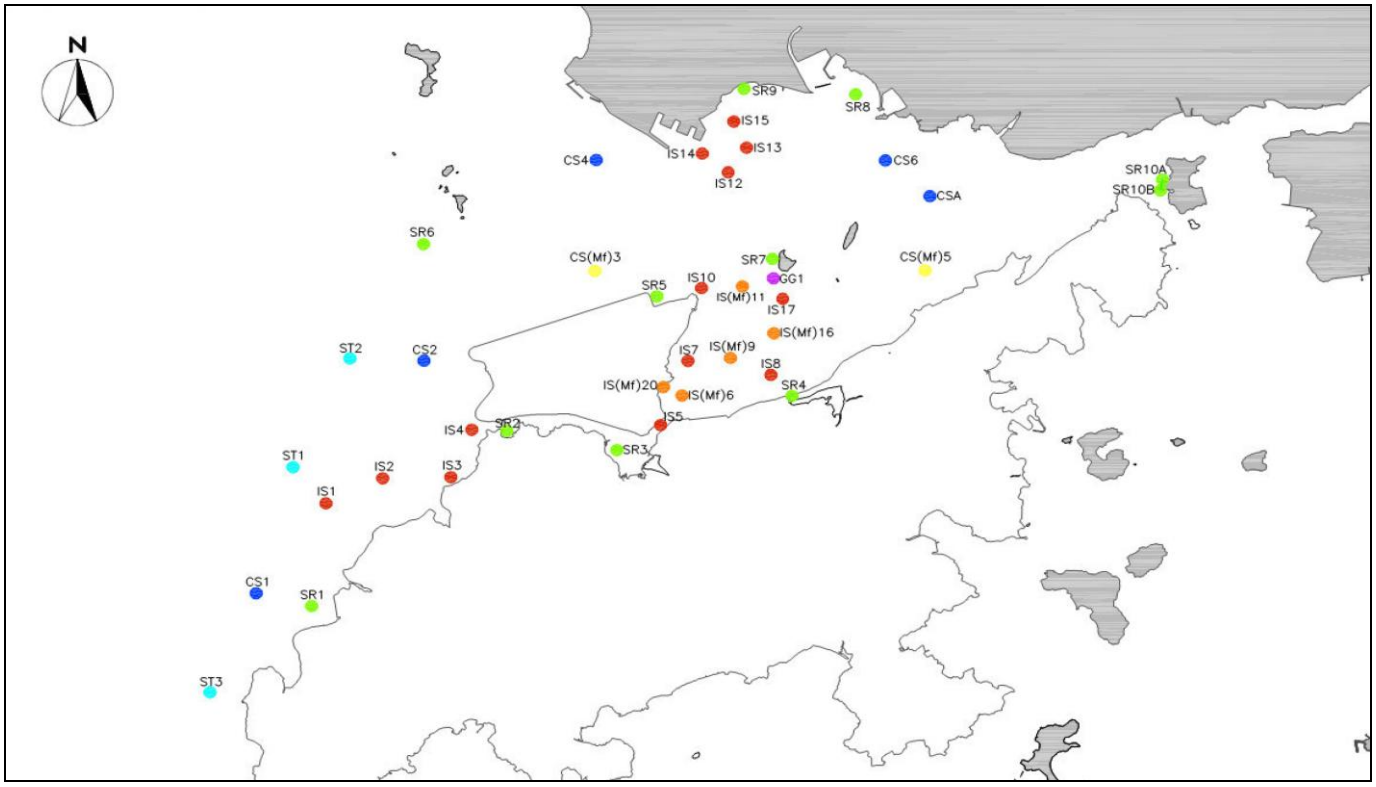
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the turbidity 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 : 20 December 2012

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.: 046

Date of Notification: 20 December 2012

Works Inspected: Data collected from water sampling works on 10 December 2012 and the test report was issued on 17 December 2012

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: 8.20 x 120% =**9.8** mg/L for mid ebb on 10-Dec-2012) AND CS(Mf)5:6.80 x 120% = **8.2** mg/L for mid flood on 10-Dec-2012)	**34.4** or 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 8.20 x 130% =**10.7** mg/L for mid ebb on 10-Dec-2012) AND CS(Mf)5: 6.80 x 130% = **8.8** mg/L for mid flood on 10-Dec-2012)	***11.3***	***11.7***
SS	IS(Mf)6	DA			***18.5***	***13.0***
SS	IS7	DA			***30.2***	***8.3***
SS	IS(Mf)9	DA			***15.9***	7.4
SS	IS10	DA			***9.9***	***17.7***
SS	SR3	DA			7.9	***9.8***
SS	SR4	DA			8.2	***11.3***
SS	SR5	DA			***18.2***	***17.3***

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 10 December 2012, an exceedance of the AL at station IS10 and exceedances of LL at stations IS5, IS(Mf)6, IS7, IS(Mf)9 and SR5 were recorded during mid-ebb tide. An exceedance of AL at station IS7 and exceedances of the LL at stations IS5, IS(Mf)6, 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 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, 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
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

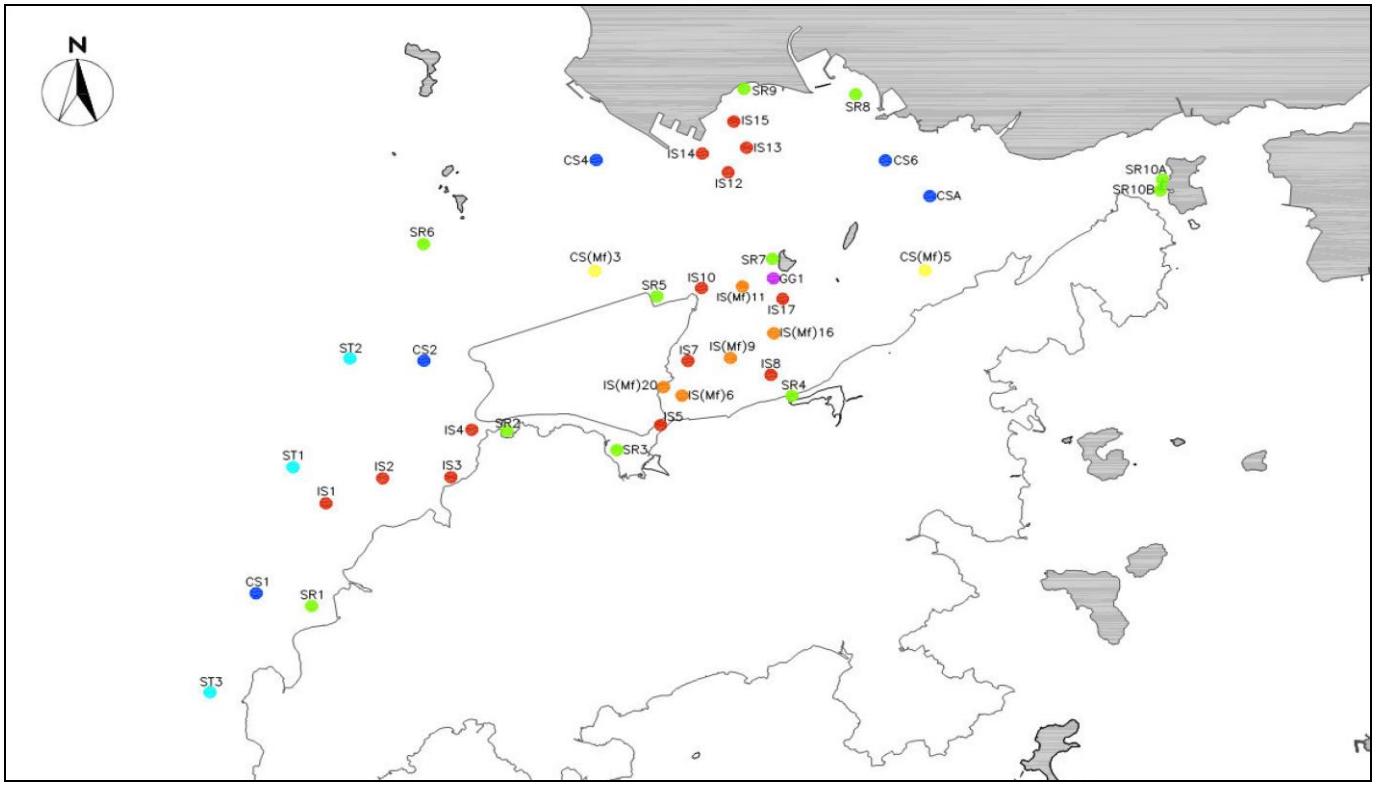
The measured values at stations IS5, IS(Mf)6, IS(Mf)9 and IS10 were within the ranges of suspended solid for mid-ebb tide during baseline monitoring and the measured values at stations IS5, IS(Mf)6, IS7, SR3, SR4 and SR5 were within the ranges of suspended solid for mid-flood tide during baseline monitoring.

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 : 20 December 2012

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.: 047

Date of Notification: 20 December 2012

Works Inspected: Data collected from water sampling works on 12 December 2012 and the test report was issued on 19 December 2012

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: 7.63 x 120% =**9.2** mg/L for mid ebb on 12-Dec-2012) AND CS(Mf)5: 9.80 x 120% = **11.8** mg/L for mid flood on 12-Dec-2012)	**34.4** or 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 7.63 x 130% =**9.9** mg/L for mid ebb on 12-Dec-2012) AND CS(Mf)5: 9.80 x 130% = **12.7** mg/L for mid flood on 12-Dec-2012)	***14.0***	11.1
SS	IS(Mf)6	DA			***15.2***	11.5
SS	IS7	DA			***17.2***	11.6
SS	IS(Mf)9	DA			8.9	***12.5***
SS	IS10	DA			8.5	***18.3***
SS	SR3	DA			***10.7***	10.0
SS	SR4	DA			8.0	***16.8***
SS	SR5	DA			***9.6***	***12.6***
SS	SR10A	DA			***10.2***	3.8

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 12 December 2012, an exceedance of the AL at station SR5 and exceedances of LL at stations IS5, IS(Mf)6, IS7, SR3 and SR10A were recorded during mid-ebb tide. Exceedances of AL at stations IS(Mf)9 and SR5 and exceedances of the LL at stations IS10 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 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, IS(Mf)9. IS10, SR3, SR4, 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		
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
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
SR10A	3.6	to	17	4.8	to	19.2

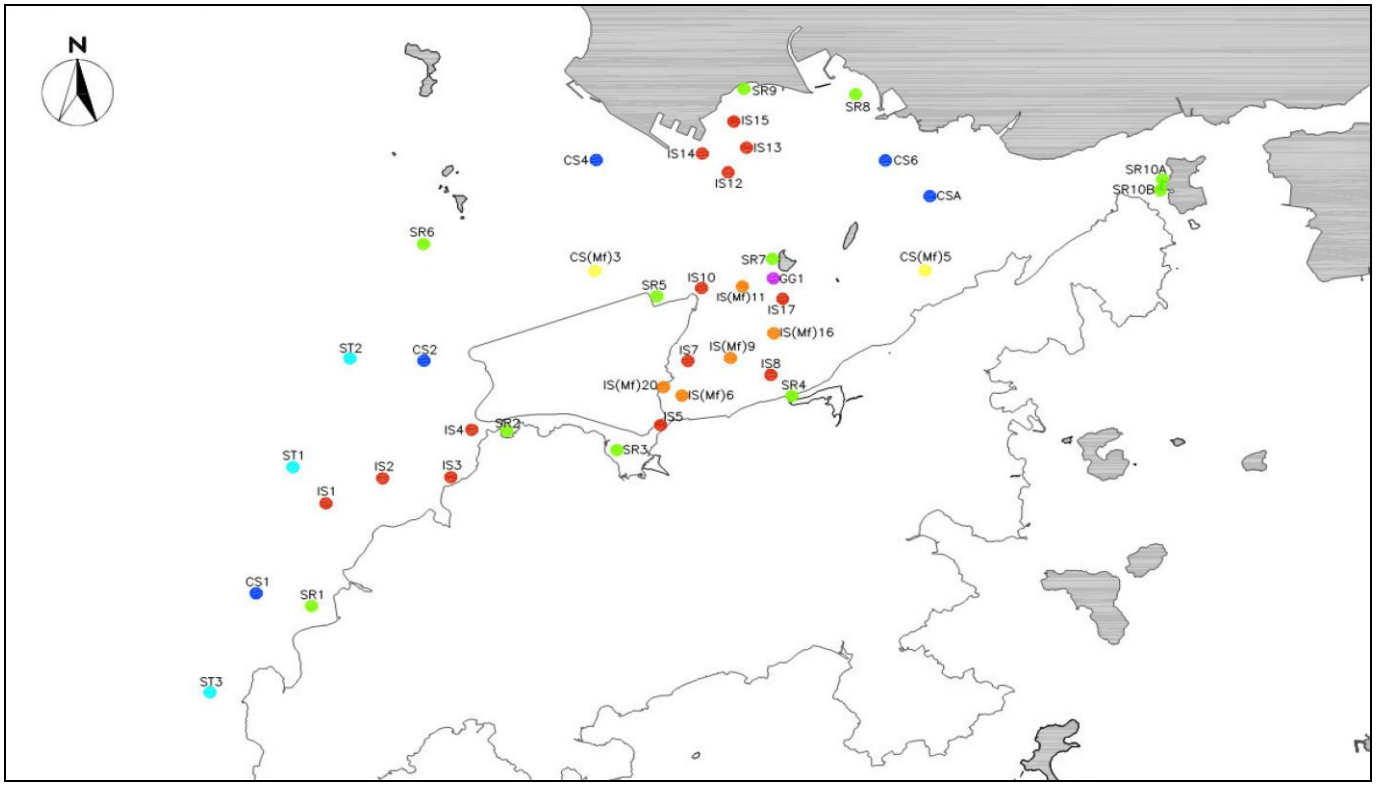
The measured values at stations IS5, IS(Mf)6, IS7, SR3, SR5 and SR10A were within the ranges of suspended solid for mid-ebb tide during baseline monitoring and the measured values at stations IS(Mf)9. SR4 and SR5 were within the ranges of suspended solid for mid-flood tide during baseline monitoring.

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 : 20 December 2012

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.: 048

Date of Notification: 24 December 2012

Works Inspected: Data collected from water sampling works on 14 December 2012 and the results were issued on 15 December 2012

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: 8.98 x 120% =**10.8** for mid ebb on 14-Dec-2012 AND CS(Mf)5: 13.48 x 120% =**16.2** for mid flood on 14-Dec-2012)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 8.98 x 130% =**11.7** for mid ebb on 14-Dec-2012 AND CS(Mf)5: 13.48 x 130% = **17.5** for mid flood on 14-Dec-2012)	***15.5***	***24.8***
TURB	IS7	DA			***11.2***	***16.6***
TURB	IS(Mf)9	DA			6.9	***17.4***
TURB	IS10	DA			***13.1***	15.7
TURB	SR3	DA			***13.9***	10.2
TURB	SR5	DA			***15.4***	13.5

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 14 December 2012, an exceedances of AL at station IS7 and exceedances of LL at stations IS(Mf)6, IS10, SR3 and SR5 were recorded during mid-ebb tide. The exceedance of AL at stations IS7 and IS(Mf)9 and an exceedance of LL at station IS(Mf)6 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. No major marine works were carried out near the monitoring stations. The installation of floating material was carried out within the silt curtain area.
2. The ranges of turbidity at stations IS(Mf)6, IS7, IS(Mf)9, IS10, SR3 and SR5 during the baseline monitoring are 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
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
SR5	5.2	to	12.4	7.1	to	30.9

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

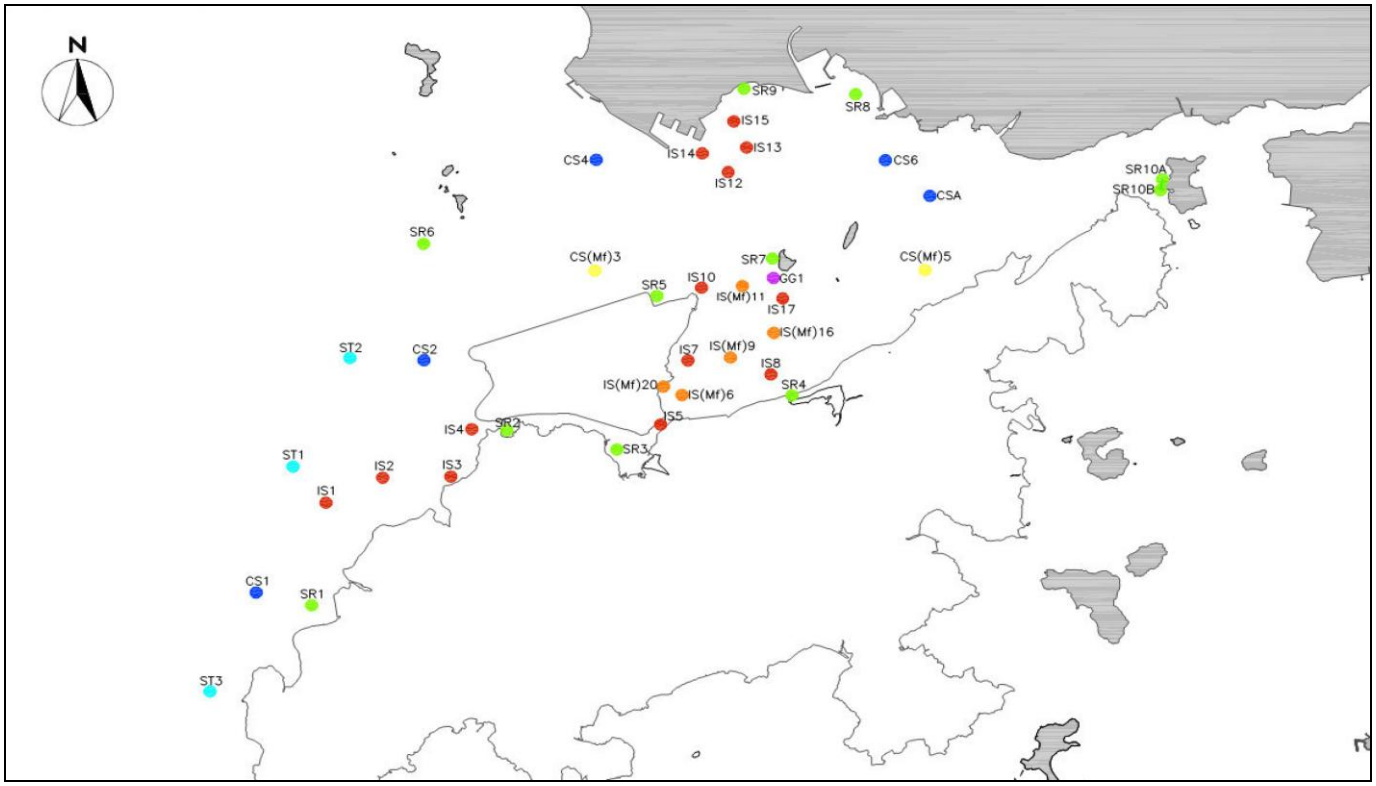
As such, the turbidity levels are considered to be attributed to other external factors such as sea condition, rather than the contract works.

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 : 24 December 2012

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.: 049

Date of Notification: 24 December 2012

Works Inspected: Data collected from water sampling works on 17 December 2012 and the results were issued on 20 December 2012

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: 9.8 x 120% =**11.8** for mid ebb on 17-Dec-2012 AND CS(Mf)5: 10.28 x 120% =**12.3** for mid flood on 12-Dec-2012)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 9.8 x 130% =**12.8** for mid ebb on 17-Dec-2012 AND CS(Mf)5: 10.28 x 130% =**13.4** for mid flood on 17-Dec-2012)	***13.4***	11.9
TURB	IS7	DA			***14.6***	10.8
TURB	IS(Mf)9	DA			9.1	***13.2***
TURB	SR4	DA			10.2	***13.9***

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 17 December 2012, exceedances of LL at stations IS(Mf)6 and IS7 were recorded during mid-ebb tide. An exceedance of AL at station IS(Mf)9 and an exceedance of LL at station 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 ranges of turbidity at stations IS(Mf)6, IS7, IS(Mf)9 and SR4 during the baseline monitoring are 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
IS(Mf)9	2.7	to	17	3.4	to	22.6
SR4	5.2	to	18.9	5	to	20.6

The measured values at stations IS(Mf)6 and IS7 were within the ranges of turbidity for mid-ebb tide during baseline monitoring and the measured values at stations IS(Mf)9 and SR4 were within the ranges of turbidity for mid-flood tide during baseline monitoring.

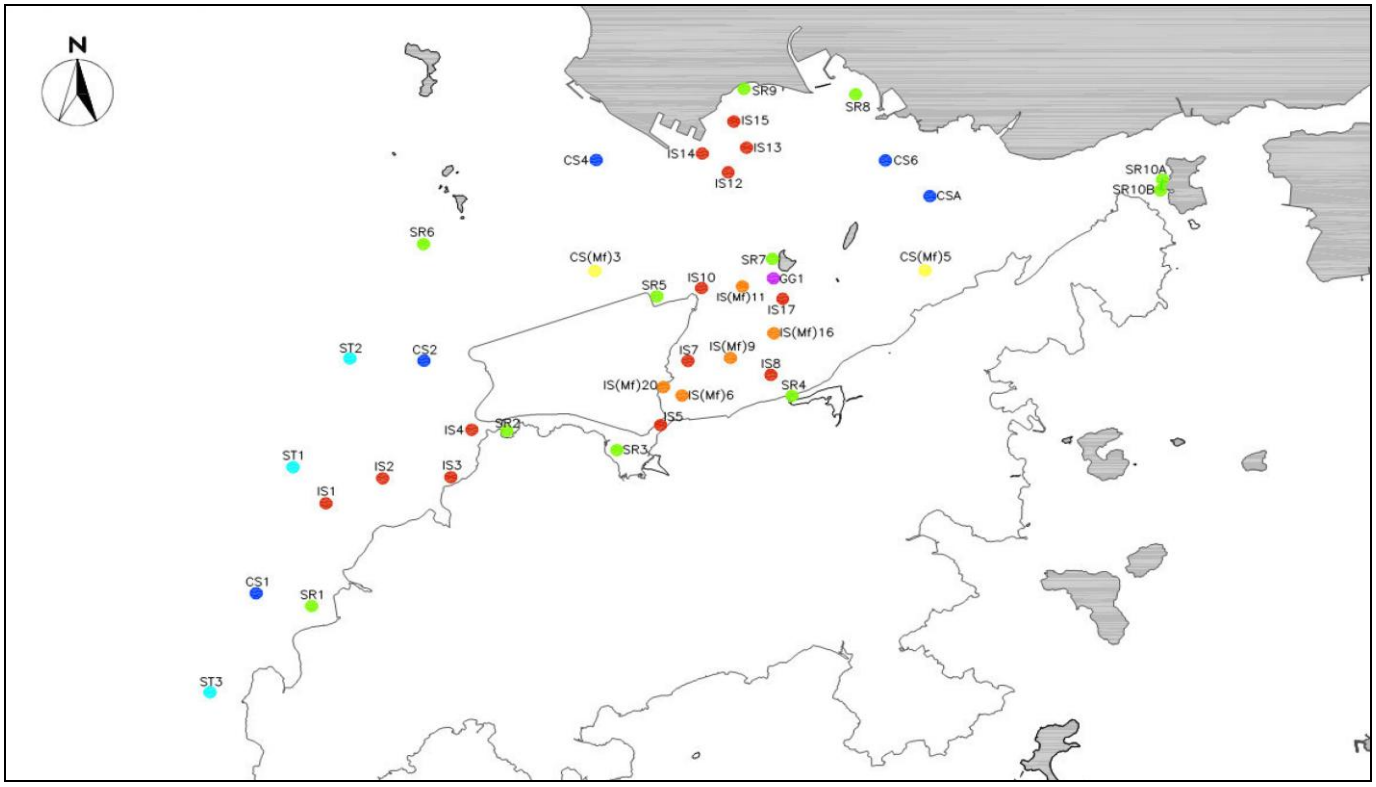
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the turbidity 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 : 24 December 2012

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.: 050

Date of Notification: 24 December 2012

Works Inspected: Data collected from water sampling works on 14 December 2012 and the test report was issued on 21 December 2012

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: 8.47 x 120% =**10.2** mg/L for mid ebb on 14-Dec-2012) AND CS(Mf)5: 12.23 x 120% = **14.7** mg/L for mid flood on 14-Dec-2012)	**34.4** or 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 8.47 x 130% =**11.0** mg/L for mid ebb on 14-Dec-2012) AND CS(Mf)5: 12.23 x 130% = **15.9** mg/L for mid flood on 14-Dec-2012)	***11.4***	8.0
SS	IS(Mf)6	DA			***21.3***	***25.8***
SS	IS7	DA			***14.9***	***14.9***
SS	IS8	DA			***11.6***	11.3
SS	IS(Mf)9	DA			7.5	***20.3***
SS	IS10	DA			***13.0***	***18.0***
SS	SR3	DA			***14.9***	10.3
SS	SR4	DA			9.6	***17.2***
SS	SR5	DA			***17.8***	12.5
SS	SR10A	DA			***11.8***	11.9
SS	SR10B	DA			***12.1***	***19.4***

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 14 December 2012, exceedances of LL at stations IS5, IS(Mf)6, IS7, IS8, IS10, SR3, SR5, SR10A and SR10B were recorded during mid-ebb tide. An exceedance of AL at station IS7 and exceedances of the LL at stations IS(Mf)6, IS(Mf)9, IS10, 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. No major marine works were carried out near the monitoring stations. The installation of floating material was carried out within the silt curtain area.
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-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
SR10A	3.6	to	17	4.8	to	19.2
SR10B	3.1	to	30.8	5.7	to	26.7

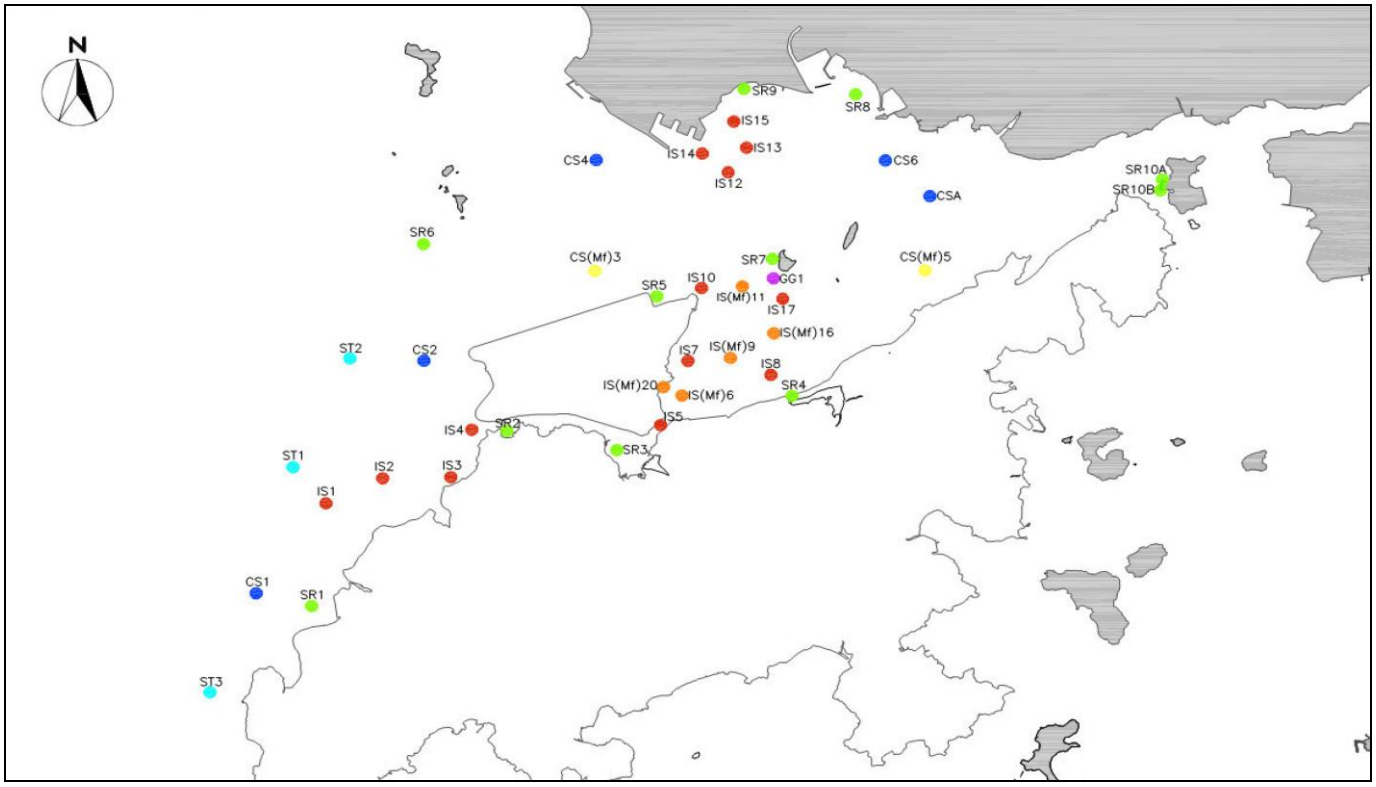
The measured values at stations IS5, IS7, IS8, IS10, SR3, SR5, SR10A and SR10B were within the ranges of suspended solid for mid-ebb tide during baseline monitoring and the measured values at stations IS(Mf)6, IS7, IS(Mf)9, SR4 and SR10B were within the ranges of suspended solid for mid-flood tide during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

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 : 24 December 2012

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.: 051

Date of Notification: 28 December 2012

Works Inspected: Data collected from water sampling works on 17 December 2012 and the test report was issued on 24 December 2012

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: 10.33 x 120% =**12.4** mg/L for mid ebb on 17-Dec-2012) AND CS(Mf)5: 6.40 x 120% = **7.7** mg/L for mid flood on 17-Dec-2012)	**34.4** or 130% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 10.33 x 130% =**13.4** mg/L for mid ebb on 17-Dec-2012) AND CS(Mf)5: 6.40 x 130% = **8.3** mg/L for mid flood on 17-Dec-2012)	12.2	***19.6***
SS	IS(Mf)6	DA			***16.4***	***16.7***
SS	IS7	DA			***23.0***	***18.6***
SS	IS8	DA			11.5	***16.7***
SS	IS(Mf)9	DA			11.6	***15.5***
SS	IS10	DA			12.1	***14.5***
SS	SR3	DA			10.7	***12.5***
SS	SR4	DA			10.4	***15.0***
SS	SR5	DA			10.1	***17.4***
SS	SR10A	DA			6.4	***12.8***
SS	SR10B	DA			6.5	***12.8***

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 17 December 2012, exceedances of LL at stations IS(Mf)6 and IS7 were recorded during mid-ebb tide. 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 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, 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		
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
SR10A	3.6	to	17	4.8	to	19.2
SR10B	3.1	to	30.8	5.7	to	26.7

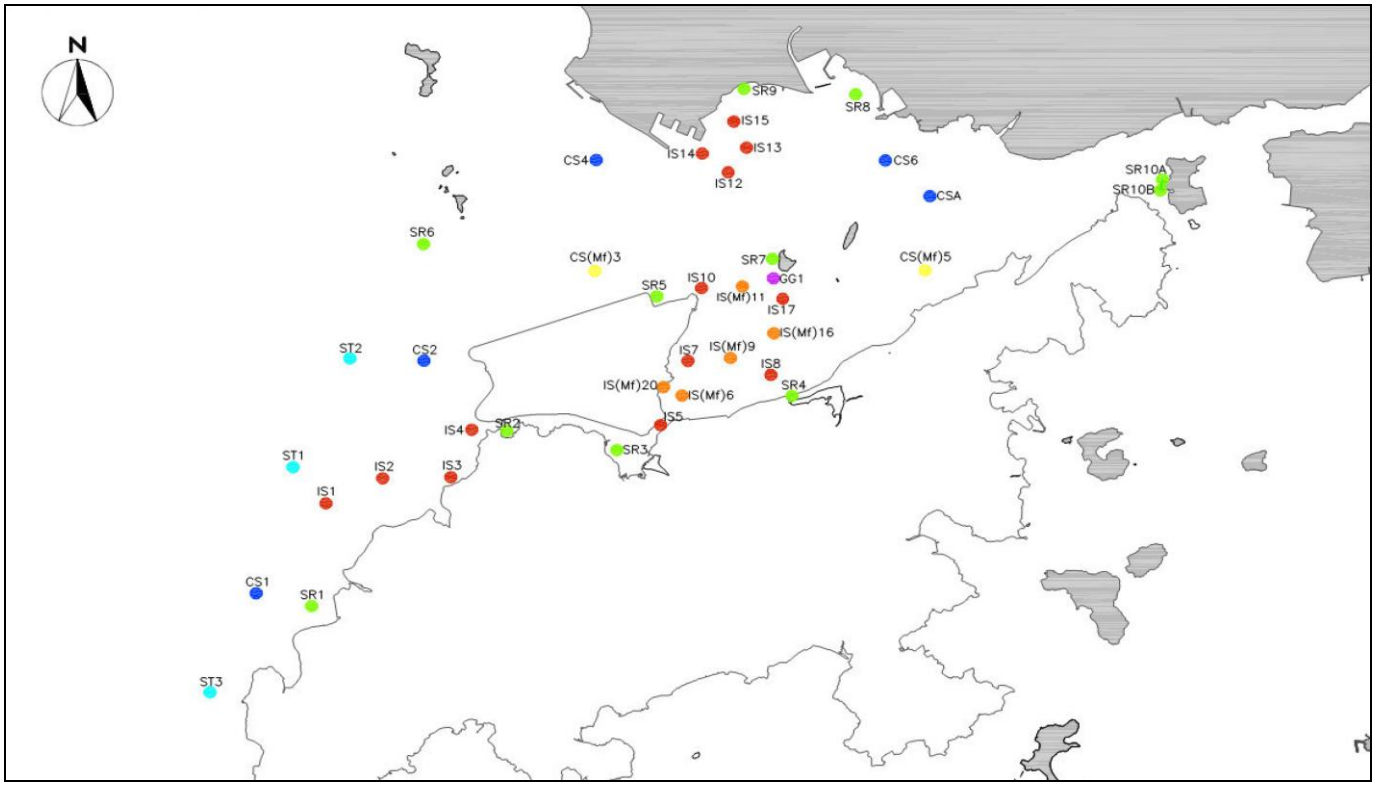
The measured values at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, IS10, SR3, SR4, SR5, SR10A and SR10B were within the ranges of suspended solid during baseline monitoring for mid-flood tide.

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 : 28 December 2012

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.: 052

Date of Notification: 28 December 2012

Works Inspected: Data collected from water sampling works on 19 December 2012 and the results were issued on 21 December 2012

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: 7.22 x 120% =**8.7** for mid ebb on 19-Dec-2012 AND CS(Mf)5: 3.37 x 120% = **4.0** for mid flood on 19-Dec-2012)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 7.22 x 130% =**9.4** for mid ebb on 19-Dec-2012 AND CS(Mf)5: 3.37 x 130% = **4.4** for mid flood on 19-Dec-2012)	7.9	***8.1***
TURB	IS(Mf)6	DA			***9.5***	***8.3***
TURB	IS7	DA			***13.2***	***12.3***
TURB	IS8	DA			4.5	***6.9***
TURB	IS(Mf)9	DA			4.4	***5.0***
TURB	IS10	DA			5.0	***11.5***
TURB	SR3	DA			6.7	***9.7***
TURB	SR4	DA			4.8	***7.5***
TURB	SR5	DA			4.8	***11.0***

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 19 December 2012, exceedances of LL at stations IS(Mf)6 and IS7 were recorded during mid-ebb tide. Exceedances 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 ranges of turbidity 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 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

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

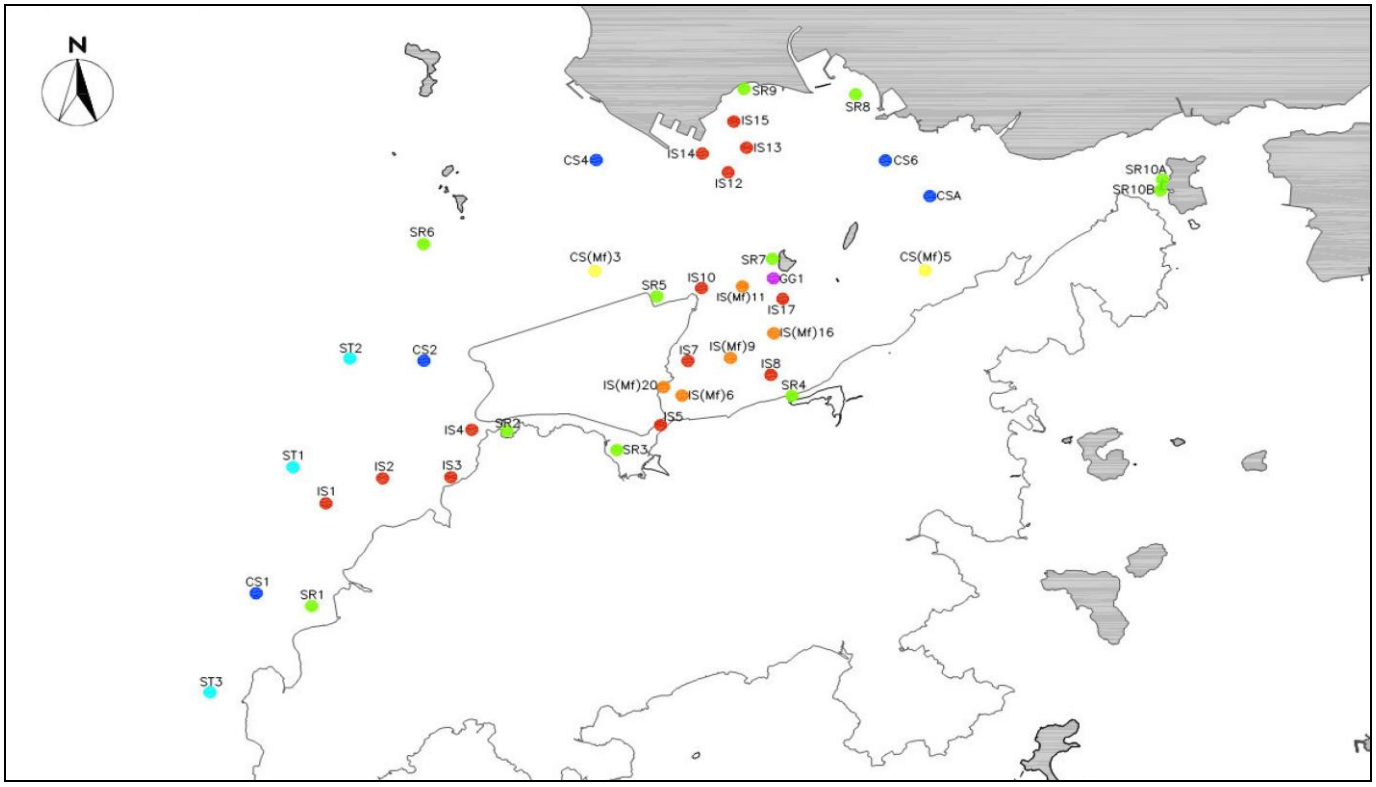
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

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 December 2012

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.: 053

Date of Notification: 28 December 2012

Works Inspected: Data collected from water sampling works on 19 December 2012 and the test report was issued on 31 December 2012

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: 5.13 x 120% =**6.2** mg/L for mid ebb) AND CS(Mf)5: 5.00 x 120% = **6.0** 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: 5.13 x 130% =**6.7** mg/L for mid ebb) AND CS(Mf)5: 5.00 x 130% = **6.5** mg/L for mid flood)	***11.9***	***15.3***
SS	IS(Mf)6	DA			***15.9***	***13.6***
SS	IS7	DA			***19.5***	***16.1***
SS	IS8	DA			***7.5***	***13.5***
SS	IS(Mf)9	DA			***11.2***	***9.1***
SS	IS10	DA			***14.0***	***17.6***
SS	SR3	DA			***9.5***	***15.2***
SS	SR4	DA			5.8	***9.8***
SS	SR5	DA			***8.3***	***16.9***
SS	SR10A	DA			***8.8***	3.8
SS	SR10B	DA			***6.5***	5.3

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 19 December 2012, an exceedances of AL at station SR10B and exceedances of LL at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9. IS10, SR3, SR5 and SR10A were recorded during mid-ebb tide. An exceedance 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 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, 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		
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
SR10A	3.6	to	17	4.8	to	19.2
SR10B	3.1	to	30.8	5.7	to	26.7

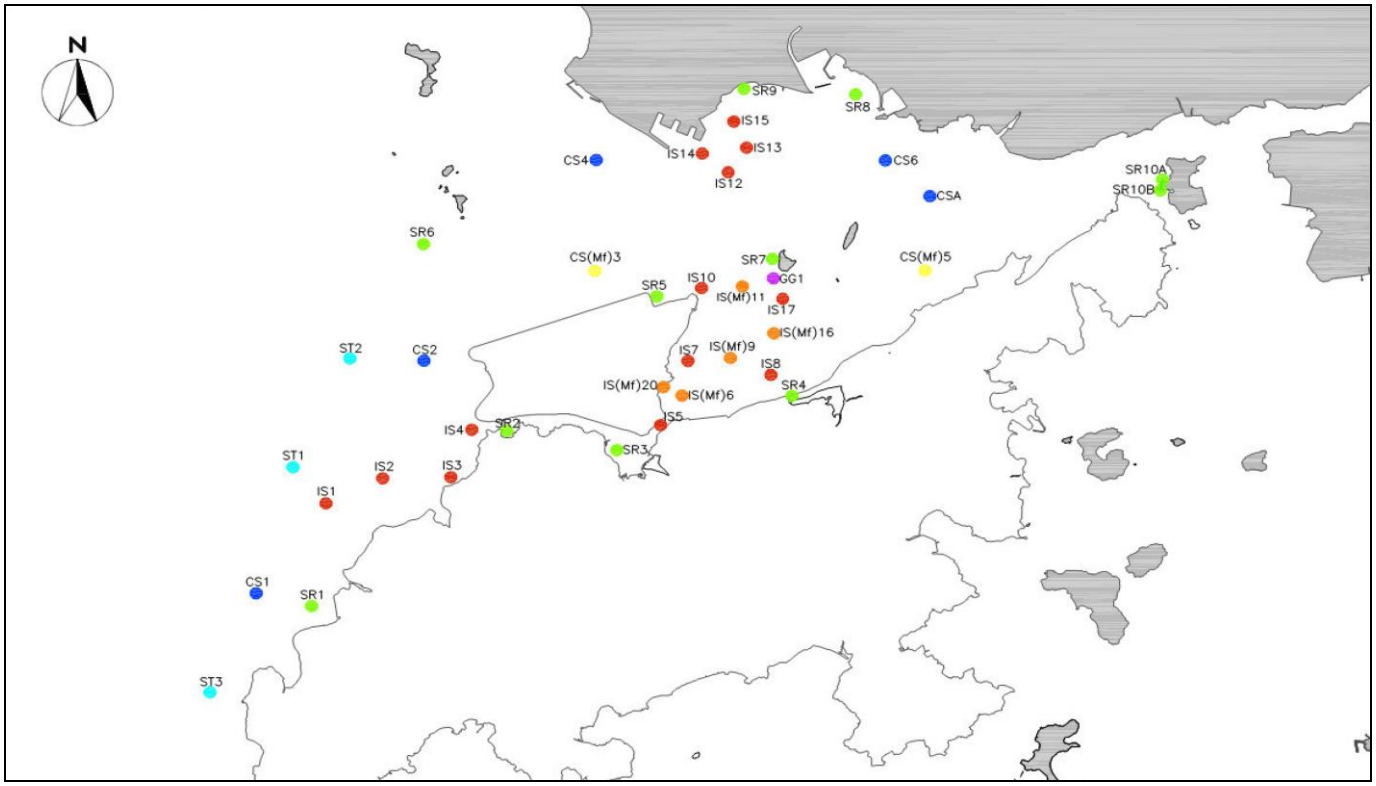
The measured values at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9. IS10, SR3, SR5, SR10A and SR10B were within the range of suspended solid during baseline monitoring for mid-ebb tide and the measured values at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9. IS10, SR3, SR4 and SR5 were within the range of suspended 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 : 28 December 2012

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.: 054

Date of Notification: 28 December 2012

Works Inspected: Data collected from water sampling works on 21 December 2012 and the results were issued on 24 December 2012

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: 7.12 x 120% =**8.5** for mid ebb AND CS(Mf)5: 2.90 x 120% = **3.5** for mid flood on)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 7.12 x 130% =**9.3** for mid ebb AND CS(Mf)5: 2.90 x 130% = **3.8** for mid flood)	5.2	***8.6***
TURB	IS(Mf)6	DA			***15.3***	***8.2***
TURB	IS7	DA			***9.0***	***6.6***
TURB	IS8	DA			5.8	***3.9***
TURB	IS(Mf)9	DA			5.5	***7.3***
TURB	IS10	DA			2.4	***5.8***
TURB	SR3	DA			5.0	***9.8***
TURB	SR4	DA			5.8	***3.7***

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 December 2012, an exceedance of AL at station IS7 and an exceedance of LL at station IS(Mf)6 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, 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 reason:

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

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

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

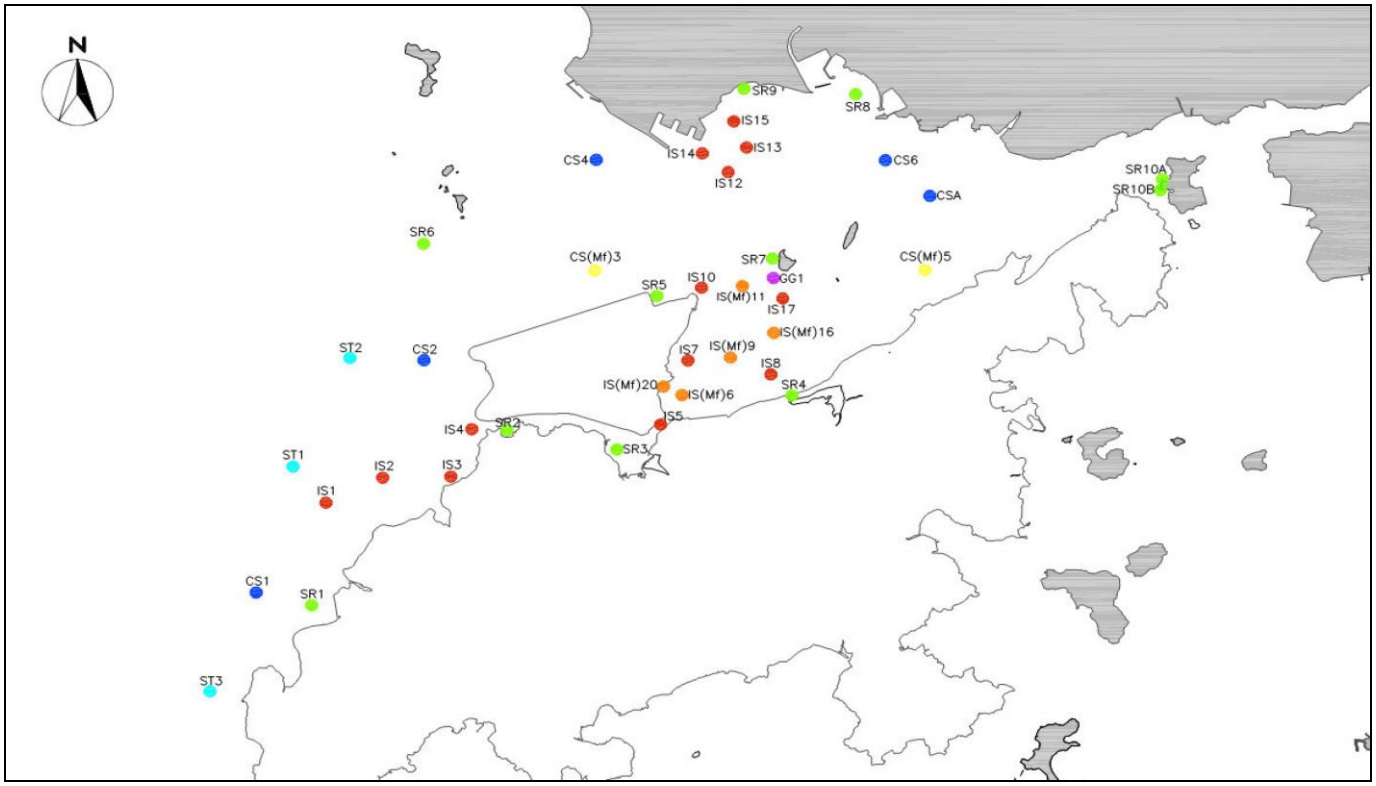
As such, the turbidity levels are considered to be attributed to other external factors such as sea condition, rather than the contract works.

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 December 2012

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.: 055

Date of Notification: 28 December 2012

Works Inspected: Data collected from water sampling works on 24 December 2012 and the results were issued on 27 December 2012

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: 1.47 x 120% =**1.8** for mid ebb AND CS(Mf)5: 1.62 x 120% = **1.9** for mid flood)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 1.47 x 130% =**1.9** for mid ebb AND CS(Mf)5: 1.62 x 130% = **2.1** for mid flood)	***5.6***	***4.4***
TURB	IS(Mf)6	DA			***3.9***	***10.3***
TURB	IS7	DA			***10.6***	***5.2***
TURB	IS8	DA			***3.6***	***3.4***
TURB	IS(Mf)9	DA			***3.9***	***3.4***
TURB	IS10	DA			***2.1***	1.7
TURB	SR3	DA			***3.0***	***2.4***
TURB	SR4	DA			***3.0***	***3.8***
TURB	SR5	DA			***3.3***	1.1
TURB	SR10B	DA			***1.9***	1.8

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 24 December 2012, an exceedance of AL at station SR10B and exceedances of LL at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, IS10, SR3. SR4 and SR5 were recorded during mid-ebb tide. An exceedance of LL at stations 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. No marine works were carried out during monitoring period..
2. The ranges of turbidity at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, IS10, SR3. SR4, SR5 and SR10B during the baseline monitoring are 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
SR10B	1.7	to	13.6	1.7	to	13.2

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

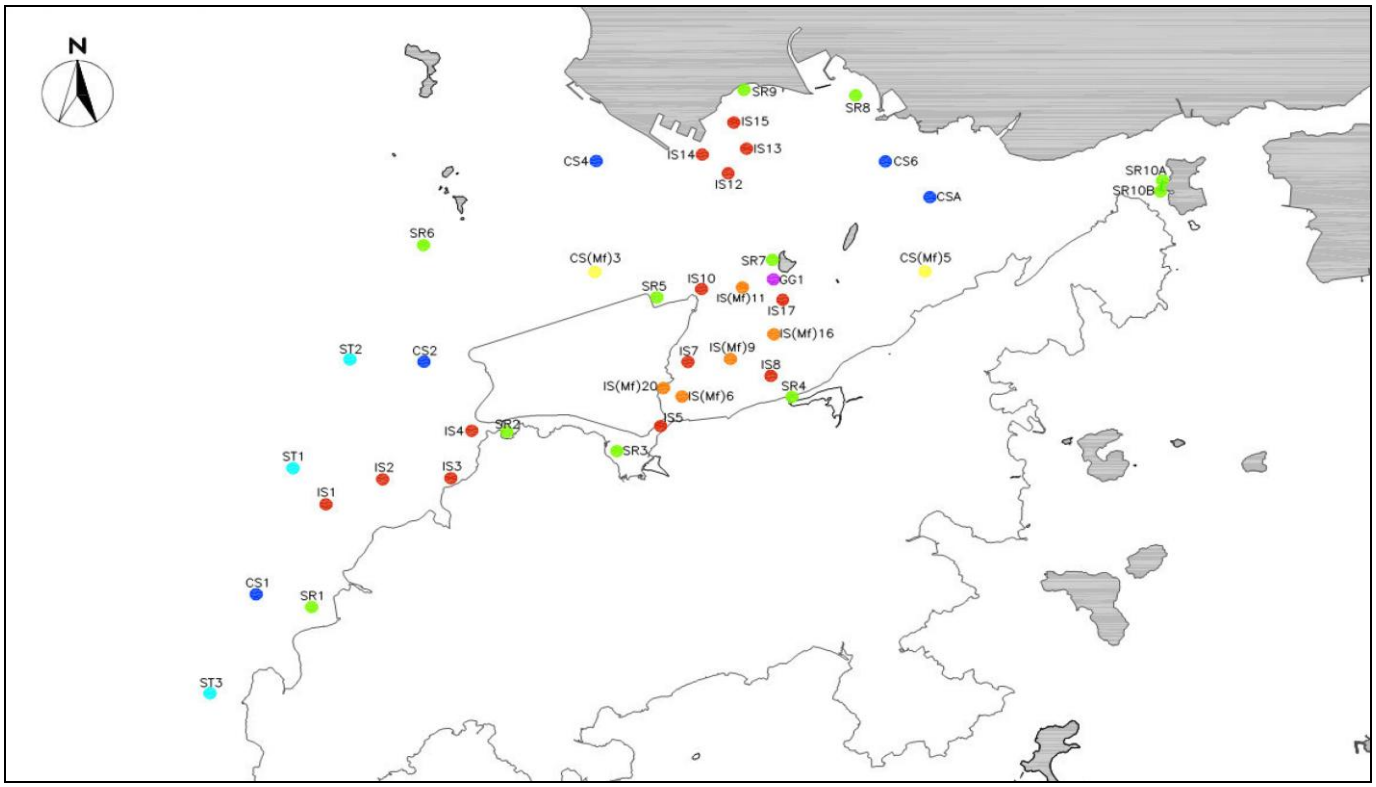
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

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 December 2012

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.: 056

Date of Notification: 2 January 2013

Works Inspected: Data collected from water sampling works on 26 December 2012 and the results were issued on 28 December 2012

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	IS7	DA	**27.5** or 120% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 8.42 x 120% =**10.1** for mid ebb AND CS(Mf)5: 5.47 x 120% = **6.6** for mid flood)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 8.42 x 130% =**10.9** for mid ebb AND CS(Mf)5: 5.47 x 130% = **7.1** for mid flood)	6.2	***6.7***
TURB	IS8	DA			6.0	***10.4***
TURB	SR4	DA			7.5	***10.9***

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 26 December 2012, an exceedance of AL at station IS7 and exceedances of LL at stations IS8 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 ranges of turbidity at stations IS7, IS8 and SR4 during the baseline monitoring are shown as below:

Station	Range of Turbidity(NTU) Mid-Ebb Tide			Range of Turbidity(NTU) Mid-Flood Tide		
IS7	3.4	to	20	5	to	19.4
IS8	4	to	12.2	4.5	to	24.5
SR4	5.2	to	18.9	5	to	20.6

The measured values at stations IS7, IS8 and SR4 were within the ranges of turbidity for mid-flood tide during baseline monitoring.

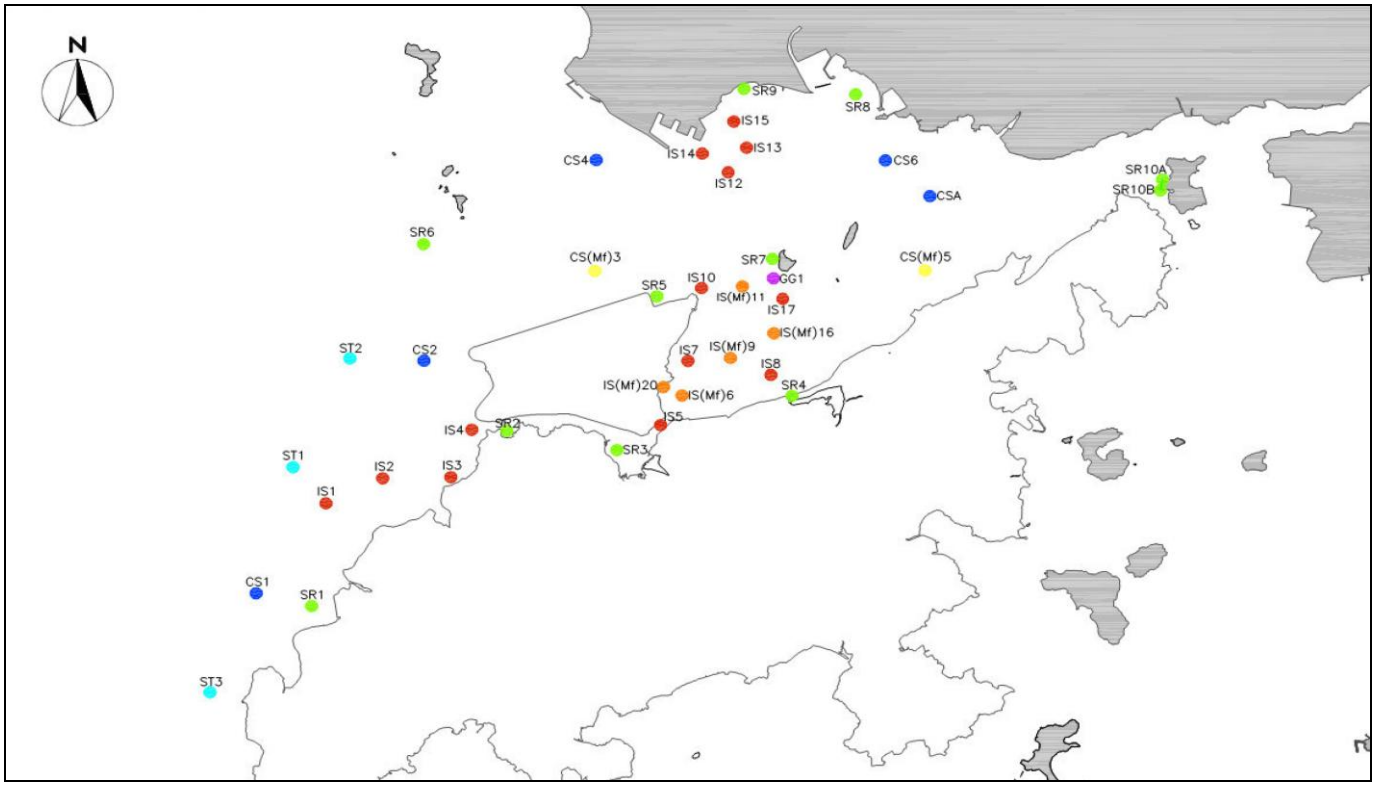
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the turbidity 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 : 2 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.: 057

Date of Notification: 4 January 2013

Works Inspected: Data collected from water sampling works on 28 December 2012 and the results were issued on 31 December 2012

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: 7.90 x 120% =**9.5** for mid ebb AND CS(Mf)5: 10.93 x 120% = **13.1** for mid flood)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 7.90 x 130% =**10.3** for mid ebb AND CS(Mf)5: 10.93 x 130% = **14.2** for mid flood)	***10.5***	11.8

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 28 December 2012, an exceedance of AL at station IS(Mf)6 was recorded during mid-flood tide. The exceedance has 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 ranges of turbidity at station IS(Mf)6 during the baseline monitoring are 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

The measured values at station IS(Mf)6 was within the ranges of turbidity for mid-ebb tide during baseline monitoring.

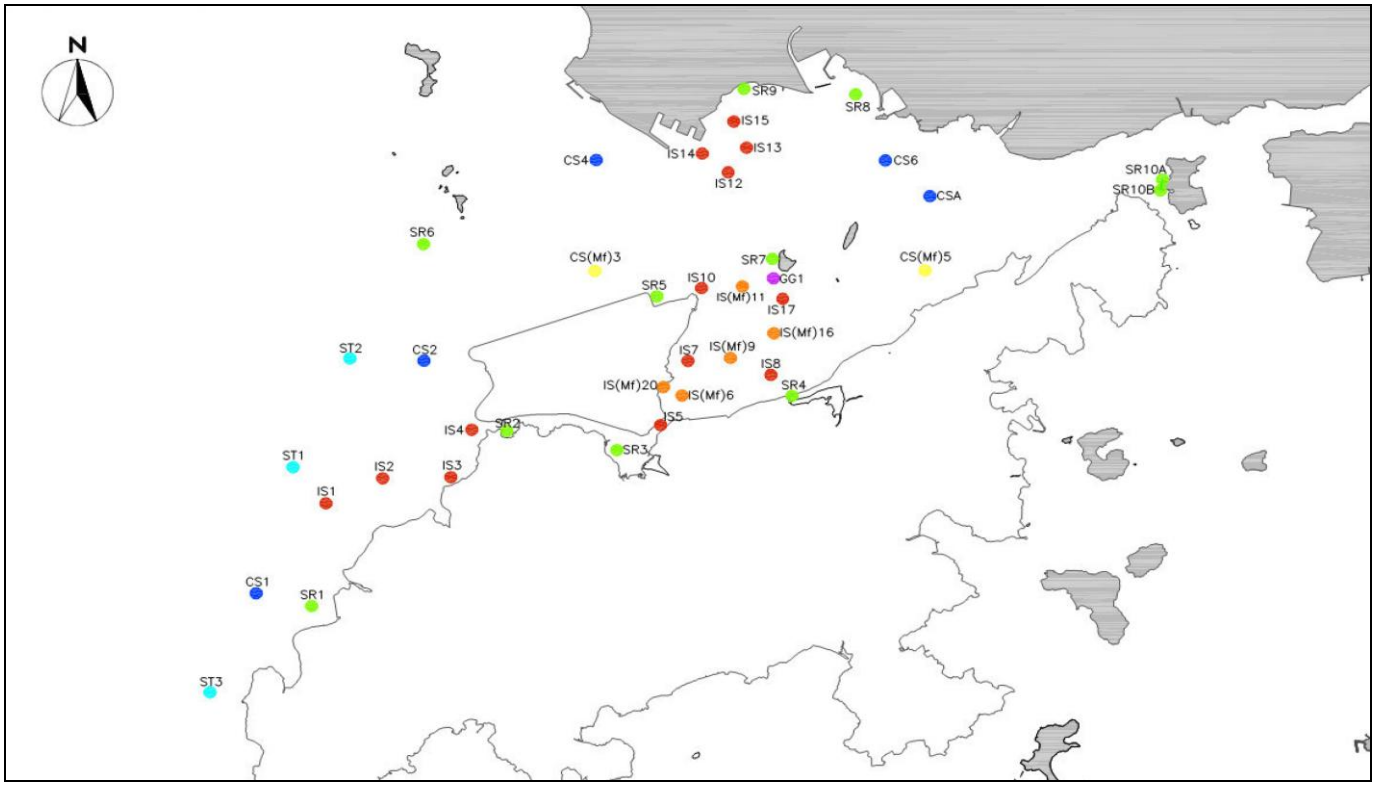
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

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 : 4 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.: 058

Date of Notification: 4 January 2013

Works Inspected: Data collected from water sampling works on 21 December 2012 and the test report was issued on 2 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: 9.08 x 120% =**10.9** mg/L for mid ebb) AND CS(Mf)5: 5.13 x 120% = **6.2** 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: 9.08 x 130% =**11.8** mg/L for mid ebb) AND CS(Mf)5: 5.13 x 130% = **6.7** mg/L for mid flood)	8.6	***18.5***
SS	IS(Mf)6	DA			***17.2***	***13.8***
SS	IS7	DA			***12.3***	***9.4***
SS	IS8	DA			8.4	***7.9***
SS	IS(Mf)9	DA			7.4	***10.0***
SS	SR3	DA			10.3	***18.8***
SS	SR4	DA			***11.2***	***7.4***
SS	SR10A	DA			5.7	***6.3***

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 21 December 2012, an exceedance of AL at station SR4 and exceedances of LL at stations IS(Mf)6 and IS7 were recorded during mid-ebb tide. An exceedance of AL exceedance at station SR10A and exceedances of LL at stations 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 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. SR3, SR4 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		
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
SR10A	3.6	to	17	4.8	to	19.2

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

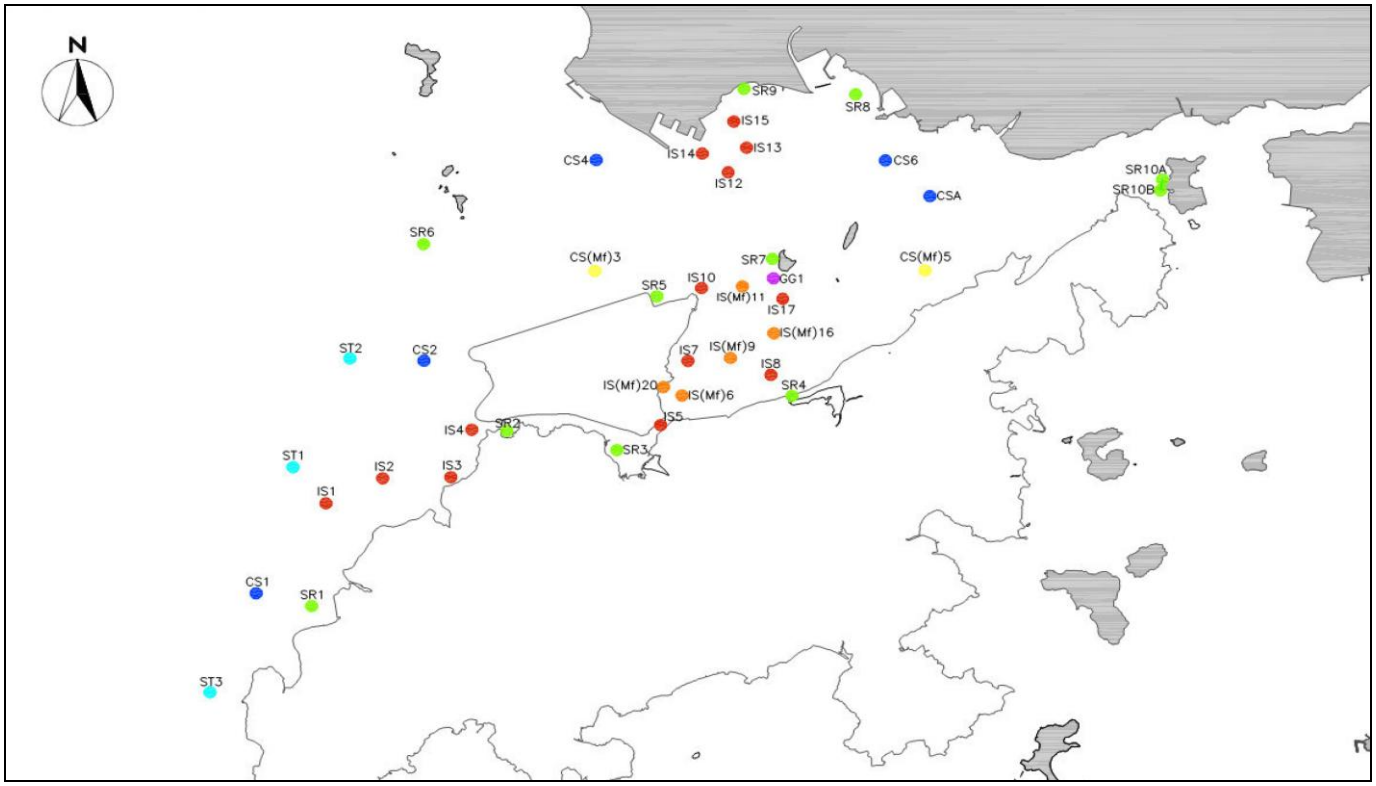
As such, the suspended solid levels are considered to be attributed to other external factors, rather than the contract works.

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 : 4 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.: 059

Date of Notification: 4 January 2013

Works Inspected: Data collected from water sampling works on 24 December 2012 and the test report was issued on 3 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: 4.23 x 120% =**5.1** mg/L for mid ebb) AND CS(Mf)5: 3.72 x 120% = **4.5** 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: 4.23 x 130% =**5.5** mg/L for mid ebb) AND CS(Mf)5: 3.72 x 130% = **4.8** mg/L for mid flood)	4.3	***6.9***
SS	IS(Mf)6	DA			3.3	***9.8***
SS	IS7	DA			***15.5***	***6.7***
SS	IS8	DA			***5.2***	3.4
SS	IS(Mf)9	DA			4.9	***8.7***
SS	IS10	DA			***5.8***	***4.8***
SS	SR3	DA			4.1	***5.9***
SS	SR5	DA			***8.3***	3.3
SS	SR10B	DA			***5.2***	***5.3***

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 24 December 2012, an exceedances of AL at station IS8 and SR10B and exceedances of LL at stations IS7, IS10 and SR5 were recorded during mid-ebb tide. An exceedance of AL exceedance at station IS10 and exceedances of LL at stations IS5, IS(Mf)6, IS7, IS(Mf)9. SR3 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. No marine works were carried out during monitoring period.
2. The ranges of suspended solid at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9. IS10, SR3, 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
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
SR5	6.7	to	16.5	6.5	to	31.2
SR10B	3.1	to	30.8	5.7	to	26.7

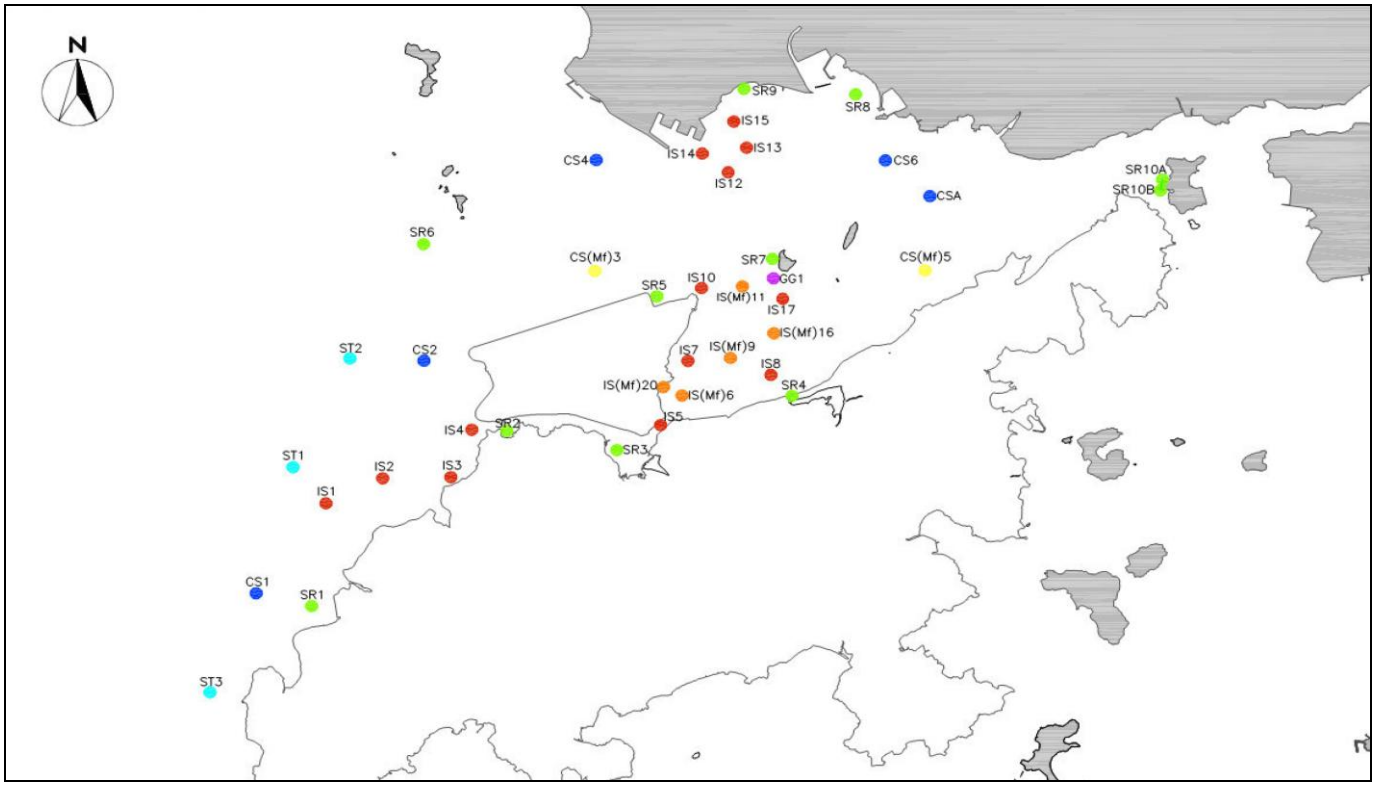
The measured values at stations IS(Mf)6, IS7 and SR4 were within the range of suspended solid during baseline monitoring for mid-ebb tide and the measured values at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9. SR3, SR4 and SR10A were within the range of suspended solid during baseline monitoring for mid-flood 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 : 4 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.: 060a

Date of Notification: 10 January 2013

Works Inspected: Data collected from water sampling works on 26 December 2012 and the test report was issued on 3 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	IS8	DA	**23.5** or 120% of upstream control station's suspended solid at the same tide of the same day (i.e. CS2: 11.23 x 120% =**13.5** mg/L for mid ebb) AND CS(Mf)5: 9.30 x 120% = **11.2** 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: 11.23 x 130% =**14.6** mg/L for mid ebb) AND CS(Mf)5: 9.30 x 130% = **12.1** mg/L for mid flood)	8.5	***11.4***
SS	IS(Mf)9	DA			7.7	***12.3***
SS	SR4	DA			10.1	***13.9***
SS	SR5	DA			10.5	***11.9***

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 26 December 2012, an exceedance of AL exceedances at stations IS8 and SR5 and exceedances of LL at stations IS(Mf)9 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 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 IS8, IS(Mf)9. 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		
IS8	5.5	to	25.5	5.8	to	31.3
IS(Mf)9	5.5	to	20.1	7.3	to	26
SR4	5.3	to	20	5.6	to	24.5
SR5	6.7	to	16.5	6.5	to	31.2

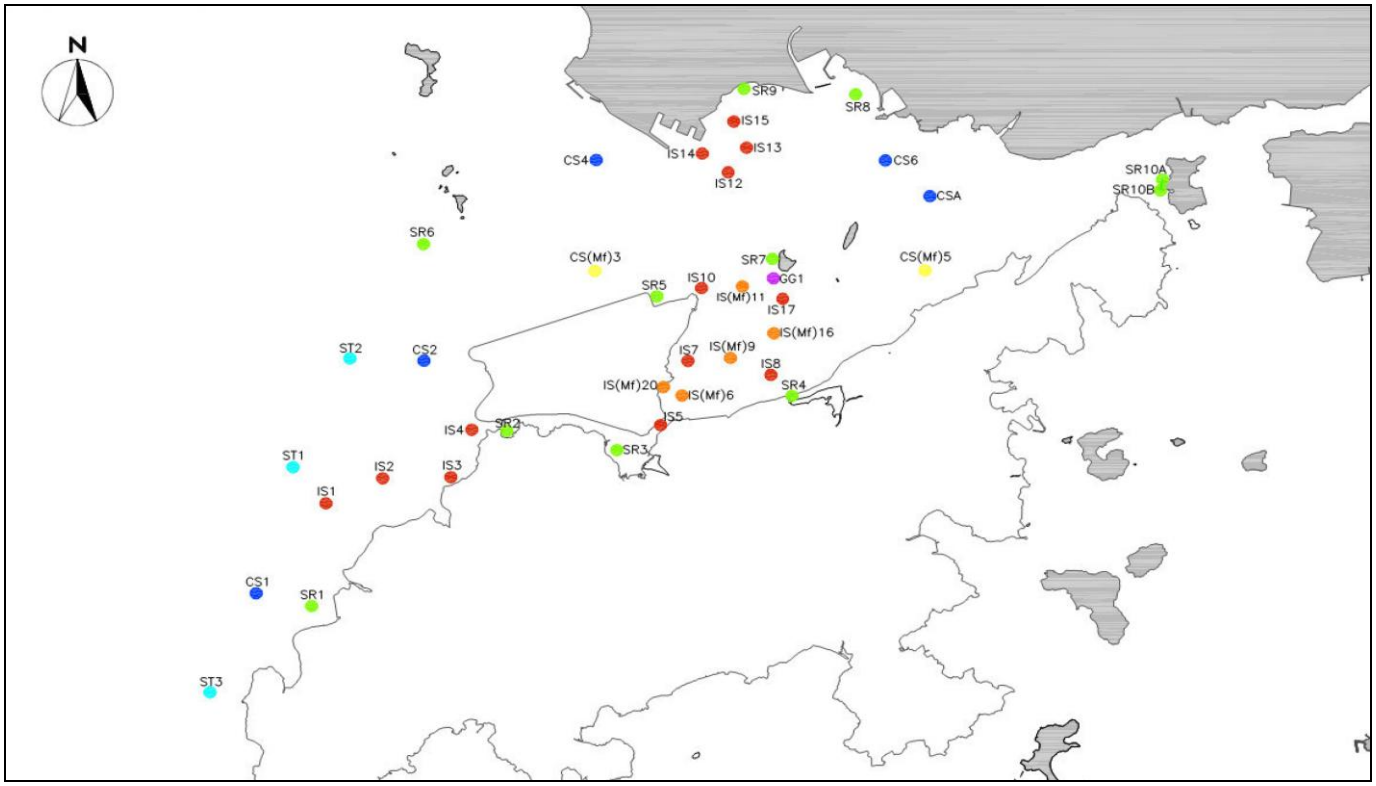
The measured values at stations IS8, IS(Mf)9. SR4 and SR5 were within the range of suspended solid during baseline monitoring for mid-flood tide.

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 : 10 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.: 061

Date of Notification: 10 January 2013

Works Inspected: Data collected from water sampling works on 28 December 2012 and the test report was 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 (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: 12.65 x 120% =**15.2** mg/L for mid ebb) AND CS(Mf)5: 10.33 x 120% = **12.4** 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: 12.65 x 130% =**16.4** mg/L for mid ebb) AND CS(Mf)5: 10.33 x 130% = **13.4** mg/L for mid flood)	8.9	***13.3***

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 28 December 2012, an exceedance of AL exceedance at station IS(Mf)6 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 reasons:

1. The rock filling activities were carried within silt curtain as recommended in the EIA Report.
2. The range of suspended solid at station IS(Mf)6 during the baseline monitoring is 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

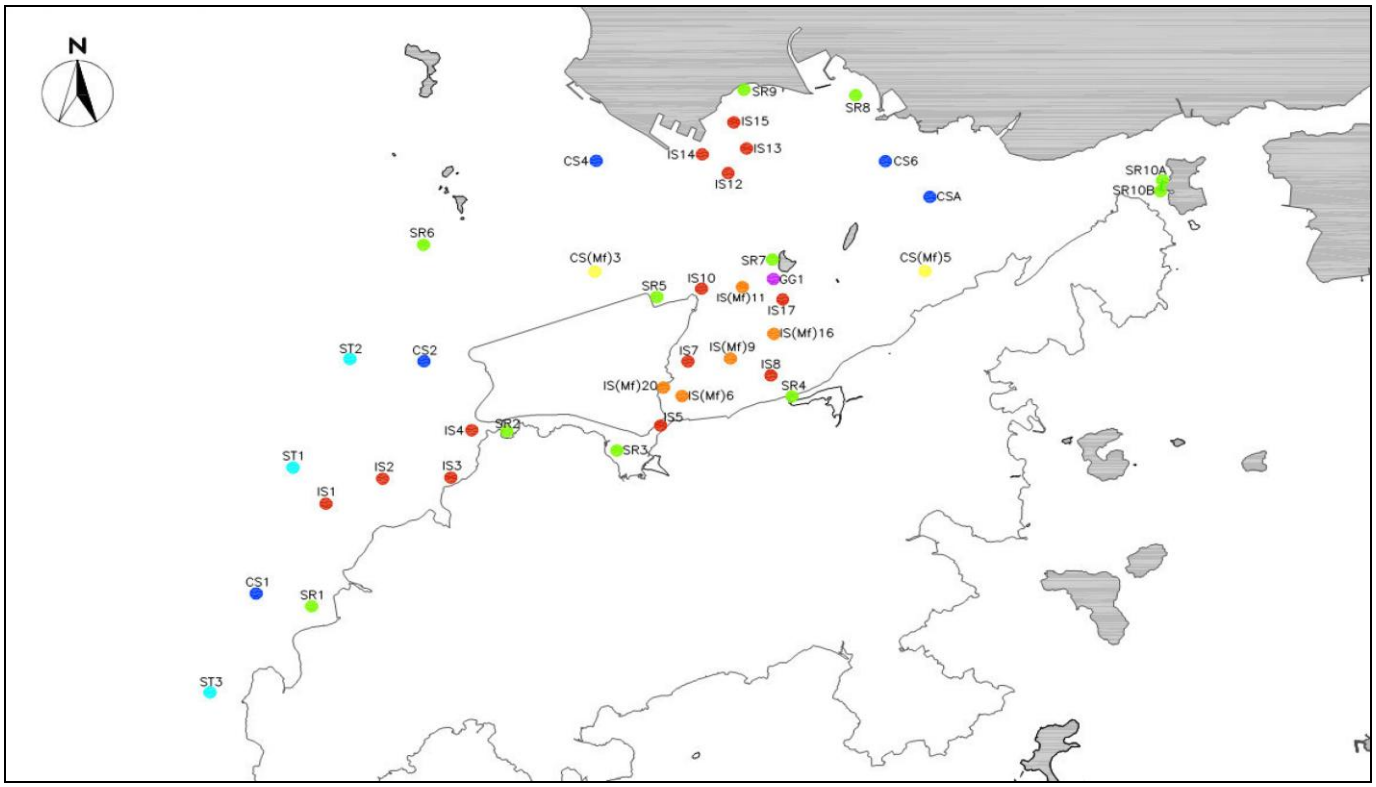
The measured value at station IS(Mf)6 was within the range of suspended solid during baseline monitoring for mid-flood tide.

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

Actions taken/ to be taken:

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

Location Plan:



Reviewed by : Claudine Lee Title : ET Leader

Date : 10 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.: 062

Date of Notification: 10 January 2013

Works Inspected: Data collected from water sampling works on 31 December 2012 and the results were issued on 3 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	IS8	DA	**27.5** or 120% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 11.18 x 120% =**13.4** for mid ebb AND CS(Mf)5: 6.93 x 120% = **8.3** for mid flood)	**47.0** or 130% of upstream control station's turbidity at the same tide of the same day (i.e. CS2: 11.18 x 130% =**14.5** for mid ebb AND CS(Mf)5: 6.93 x 130% = **9.0** for mid flood)	6.6	***13.2***
TURB	IS(Mf)9	DA			8.5	***14.5***
TURB	IS10	DA			3.8	***8.4***
TURB	SR4	DA			7.4	***10.4***
TURB	SR5	DA			3.1	***10.2***

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 31 December 2012, an exceedance of AL at station IS10 and exceedances of LL at stations IS8, IS(Mf)9, 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 ranges of turbidity at stations IS8, IS(Mf)9, IS10, SR4 and SR5 during the baseline monitoring are shown as below:

Station	Range of Turbidity(NTU) Mid-Ebb Tide			Range of Turbidity(NTU) Mid-Flood Tide		
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
SR4	5.2	to	18.9	5	to	20.6
SR5	5.2	to	12.4	7.1	to	30.9

The measured values at stations IS8, IS(Mf)9, IS10, SR4 and SR5 were within the ranges of turbidity for mid-flood tide during baseline monitoring.

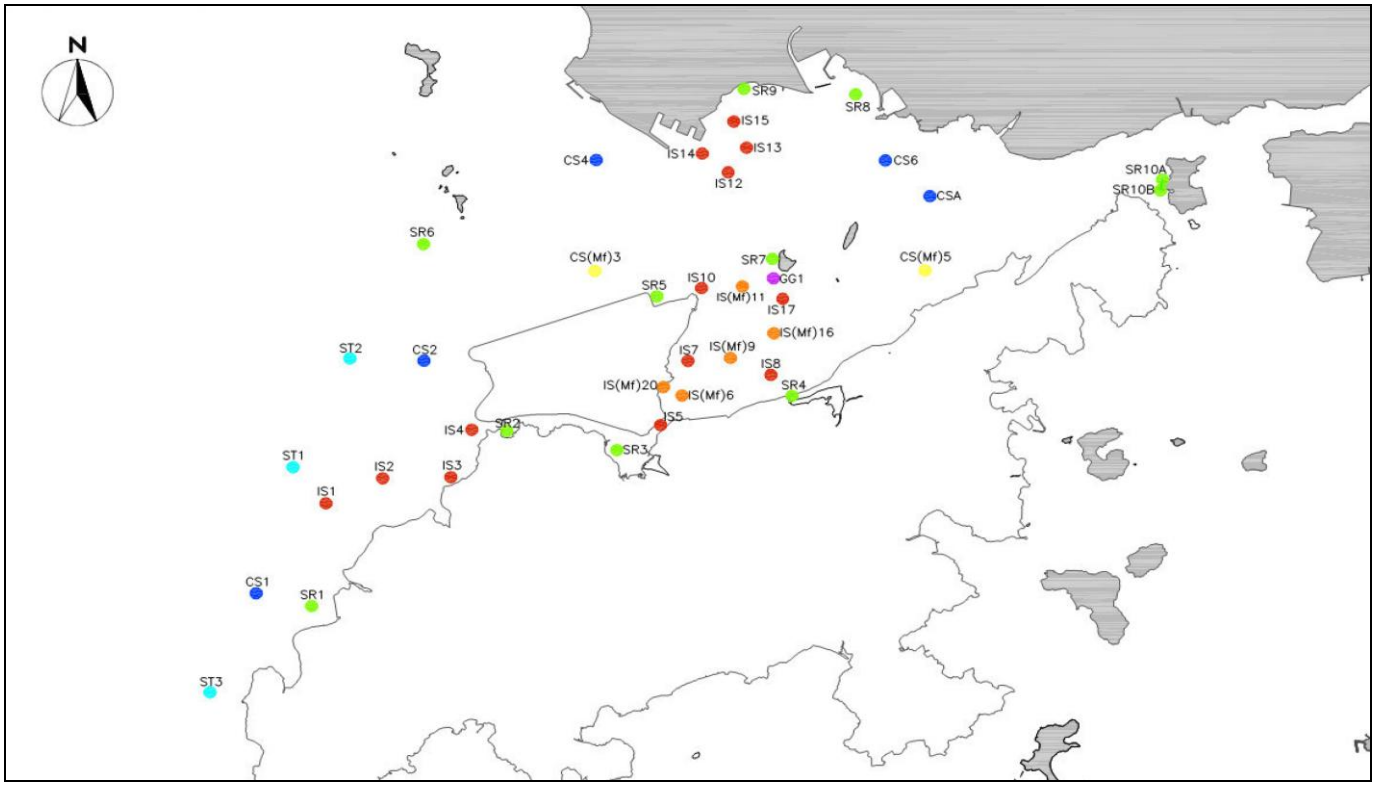
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results.

As such, the turbidity 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 : 10 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.: 063

Date of Notification: 10 January 2013

Works Inspected: Data collected from water sampling works on 31 December 2012 and the test report was issued on 8 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: 25.00 x 120% =**30.0** mg/L for mid ebb) AND CS(Mf)5: 4.53 x 120% = **5.4** 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: 25.00 x 130% =**32.5** mg/L for mid ebb) AND CS(Mf)5: 4.53 x 130% = **5.9** mg/L for mid flood)	6.1	***7.4***
SS	IS(Mf)6	DA			9.4	***12.6***
SS	IS7	DA			11.0	***10.8***
SS	IS8	DA			9.3	***18.5***
SS	IS(Mf)9	DA			9.8	***16.6***
SS	IS10	DA			9.3	***13.8***
SS	SR3	DA			15.1	***8.2***
SS	SR4	DA			12.6	***15.3***
SS	SR5	DA			7.6	***20.6***
SS	SR10A	DA			5.6	***8.4***
SS	SR10B	DA			7.3	***11.1***

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 December 2012, exceedances of LL exceedance at station 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 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, 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		
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
SR10A	3.6	to	17	4.8	to	19.2
SR10B	3.1	to	30.8	5.7	to	26.7

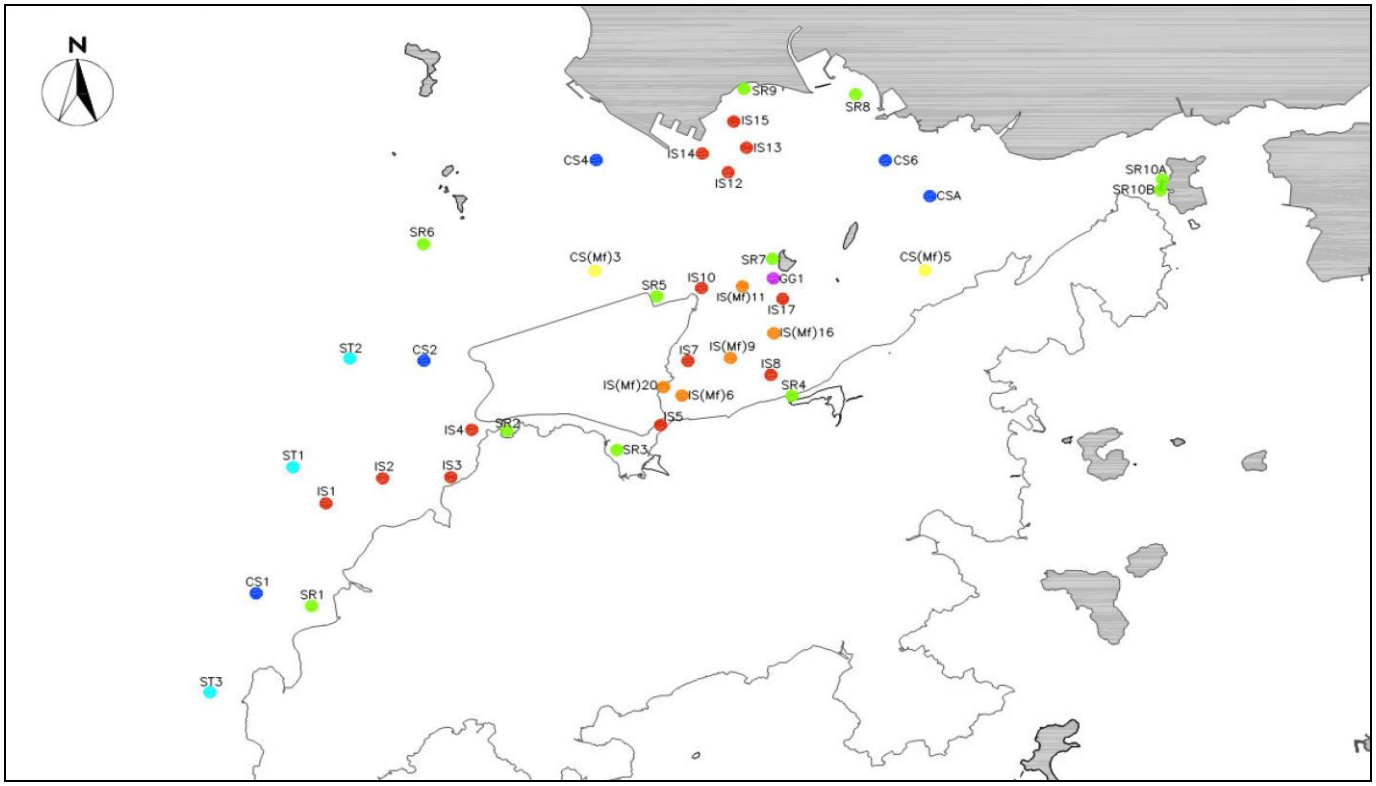
The measured values at stations IS5, IS(Mf)6, IS7, IS8, IS(Mf)9, IS10, SR3, SR4, SR5, SR10A and SR10B were within the ranges of suspended solid during baseline monitoring for mid-flood tide.

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 : 10 January 2013

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