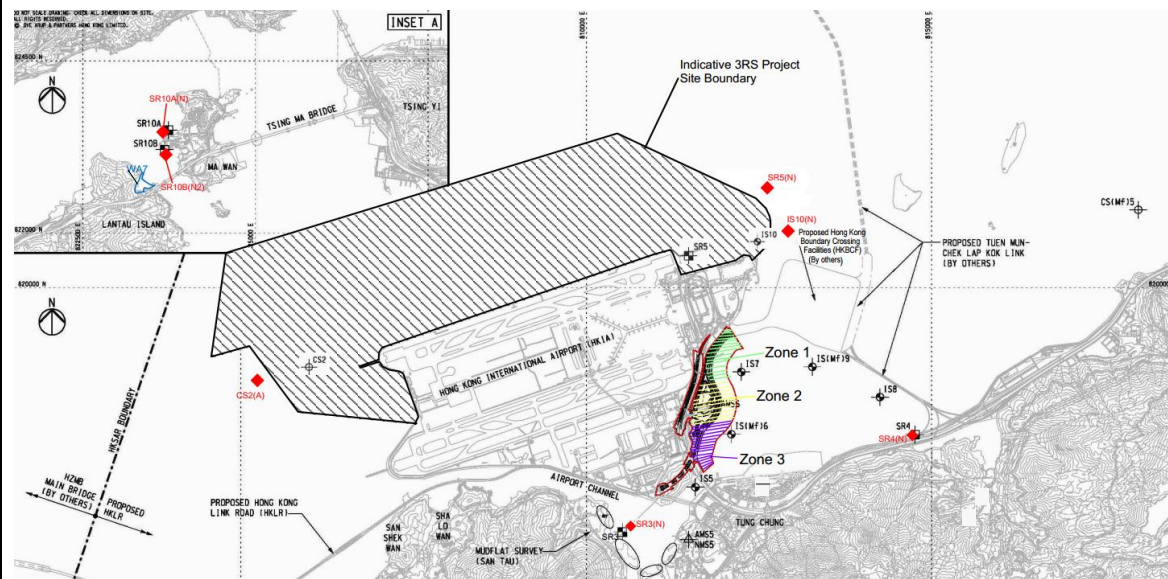


Contract No. HY/2011/03 - Hong Kong- Zhuhai- Macao Bridge Hong Kong Link Road Section between Scenic Hill and Hong Kong Boundary Crossing Facilities Notifications of Environmental Quality Limits Exceedances							Notification No.: 244s ver 0													
Date of Notification: 13 September 2017																				
Works Inspected: Data collected from water sampling works on 4 September 2017 and the results were issued on 11 September 2017																				
Monitoring Location: Water Quality Monitoring Station																				
Parameter: Dissolved Oxygen (DO)/ Suspended Solid (SS)/ Turbidity (TURB)																				
Action & Limit Level (AL & LL) / Measured Level:																				
PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)														
SS	IS(Mf)6	DA	23.5 and 120% of upstream control station's suspended solids at the same tide of the same day (i.e. CS2: (See Note 4) for mid ebb AND CS(Mf)5: 8.22 x 120% = 9.9 for mid flood)	34.4 and 130% of upstream control station's suspended solids at the same tide of the same day (i.e. CS2: (See Note 4) for mid ebb AND CS(Mf)5: 8.22 x 130% = 10.7 for mid flood)	See Note 4	25.9														
Notes: 1) DA means depth average. 2) <i>Bold Italic</i> means AL exceedances. 3) <i><u>Bold Italic with underline</u></i> means LL exceedances. 4) The water quality monitoring on 4 Sep 2017 during mid-ebb tide was cancelled as a Strong Wind Signal No. 3 was hoisted by the Hong Kong Observatory.																				
Possible reason for Action Level Non-compliance: On 4 September 2017, an Action Level exceedance of suspended solid was recorded at station IS(Mf)6 during mid-flood tide. The exceedance has been investigated and is considered unlikely to be related to the contract works due to the following reasons: 1. Removal of surcharge at Zone 1; road and drainage construction at Zones 1 and 2; box culvert construction at Zone 2; seawall construction at Zones 2 and 3; and transportation of fill material at Zone 3 were carried out within the properly deployed silt curtain as recommended in the EIA Report. 2. The ranges of suspended solid at station IS(Mf)6 during the baseline monitoring are shown as below: <table><tr><td>Station</td><td colspan="3">Range of Suspended Solid (mg/L) Mid-Ebb Tide</td><td colspan="3">Range of Suspended Solid (mg/L) Mid-Flood Tide</td></tr><tr><td>IS(Mf)6</td><td>7.1</td><td>to</td><td>19</td><td>8.5</td><td>to</td><td>35</td></tr></table> The measured value for mid-flood tide at station IS(Mf)6 was within the range of suspended solid for mid-flood tide during baseline monitoring. 3. There was no marine transportation at Zones 1, 2, and 3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results. Also, there was no muddy plume observed at station IS(Mf)6 during sampling exercise. 4. No leakage of turbid water, abnormality or malpractice for the contract works was observed during the sampling exercise. As such, the exceedance of suspended solid level is considered to be attributed to other external factors such as sea condition, rather than the contract works.							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
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														
Actions taken/ to be taken: As the suspended solid level recorded beyond the water quality criteria was not related to the contract works, no immediate actions are considered necessary. However, the Contractor is reminded to ensure that the silt curtain is fully maintained																				

throughout the construction works and construction works are carried out under stringent supervision to prevent any water quality impacts to the seawater.

Location Plan:



Reviewed by : Willie Wong

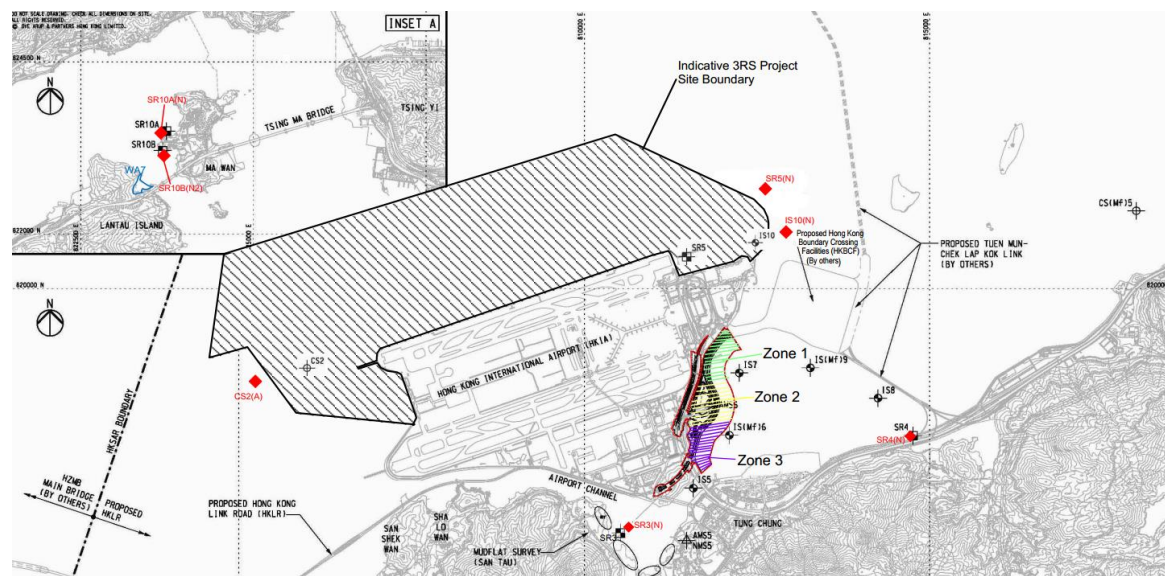
Title : Deputy ET Leader

Date : 6 October 2017

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.: 245s ver 0
Date of Notification: 20 September 2017							
Works Inspected: Data collected from water sampling works on 13 September 2017 and the results were issued on 20 September 2017							
Monitoring Location: Water Quality Monitoring Station							
Parameter: Dissolved Oxygen (DO)/ Suspended Solid (SS)/ Turbidity (TURB)							
Action & Limit Level (AL & LL) / Measured Level:							
PARAM	STATION	DEPTH	AL (mg/L)	LL (mg/L)	MEASURED AT MID-EBB TIDE (mg/L)	MEASURED AT MID-FLOOD TIDE (mg/L)	
SS	SR3(N)	DA	23.5 and 120% of upstream control station's suspended solids at the same tide of the same day (i.e. CS2: 6.35 x 120% = 7.6 for mid ebb AND CS(Mf)5: 4.27 x 120% = 5.1 for mid flood)	34.4 and 130% of upstream control station's suspended solids at the same tide of the same day (i.e. CS2: 6.35 x 130% = 8.3 for mid ebb AND CS(Mf)5: 4.27 x 130% = 5.6 for mid flood)	6.2	<u>38.7</u>	
Notes: 1) DA means depth average. 2) <i>Bold Italic</i> means AL exceedances. 3) <i><u>Bold Italic with underline</u></i> means LL exceedances.							
Possible reason for Limit Level Non-compliance: On 13 September 2017, a Limit Level exceedance of suspended solid was recorded at station SR3(N) during mid-flood tide. The exceedance has been investigated and is considered unlikely to be related to the contract works due to the following reasons: 1. Removal of surcharge, road and drainage construction at Zone 1; box culvert construction at Zone 2; seawall construction at Zones 2 and 3; and transportation of fill material at Zone 3 were carried out within the properly deployed silt curtain as recommended in the EIA Report. 2. The ranges of suspended solid at station SR3(N) 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			
SR3(N)		6.7 to 31		7.6 to 28			
The measured value for mid-flood tide at station SR3(N) was out of the range of suspended solid for mid-flood tide during baseline monitoring.							
3. There was no marine transportation at Zones 1, 2, and 3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results. Also, there was no muddy plume observed at station SR3(N) during sampling exercise.							
4. No leakage of turbid water, abnormality or malpractice for the contract works was observed during the sampling exercise.							
As such, the exceedance of suspended solid level is considered to be attributed to other external factors such as sea condition, rather than the contract works.							
Actions taken/ to be taken: As the suspended solid level recorded beyond the water quality criteria was not related to the contract works, no immediate actions are considered necessary. However, the Contractor is reminded to ensure that the silt curtain is fully maintained throughout the construction works and construction works are carried out under stringent supervision to prevent any water quality impacts to the seawater.							

Location Plan:



Reviewed by : Willie Wong

Title : Deputy ET Leader



Date : 6 October 2017

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

Summary of Notifications of Summons and Prosecutions

Total No. of Notifications of Summons / Prosecutions Received	No. of Notifications of Summons / Prosecutions Received during Reporting Period	Status of Notifications of Summons / Prosecutions
0	0	N/A