

**Date of Notification:** 22 December 2016

**Works Inspected:** Data collected from water sampling works on 14 December 2016 and the results were issued on 21 December 2016

**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	<b>23.5</b> and 120% of upstream control station's suspended solids at the same tide of the same day (i.e. CS2: 13.18 x 120% = <b>15.8</b> for mid ebb AND CS(Mf)5: 8.73 x 120% = <b>10.5</b> for mid flood)	<b>34.4</b> and 130% of upstream control station's suspended solids at the same tide of the same day (i.e. CS2: 13.18x 130% = <b>17.1</b> for mid ebb AND CS(Mf)5: 8.73 x 130% = <b>11.3</b> for mid flood)	4.5	<b>31.6</b>
SS	IS7	DA			5.5	<b>25.4</b>
SS	SR4	DA			14.2	<b>25.5</b>

Notes:  
 DA means depth average.  
**Bold Italic** means AL exceedances.  
**Bold Italic with underline** means LL exceedances.

**Possible reason for Action and Limit Level Non-compliance:**

On 14 December 2016, Action Level exceedances of suspended solid were recorded at stations IS(Mf)6, IS7 and SR4 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. Removal of surcharge, box culvert construction works at Zones 1 and 2, seawall construction works at Zones 1, 2 and 3A, ground investigation works, toe loading works and drilling of pipe pile at Zone 1, transportation of fill material at Zone 3A were carried out within silt curtain as recommended in the EIA Report.
2. The ranges of suspended solid at stations IS(Mf)6, IS7 and SR4 during the baseline monitoring are shown as below:

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

The measured values at stations IS(Mf)6 and IS7 were below the range of suspended solid for mid-flood tide during baseline monitoring while the measured values at station SR4 were slightly above the range of suspended solid for mid-flood tide during baseline monitoring.

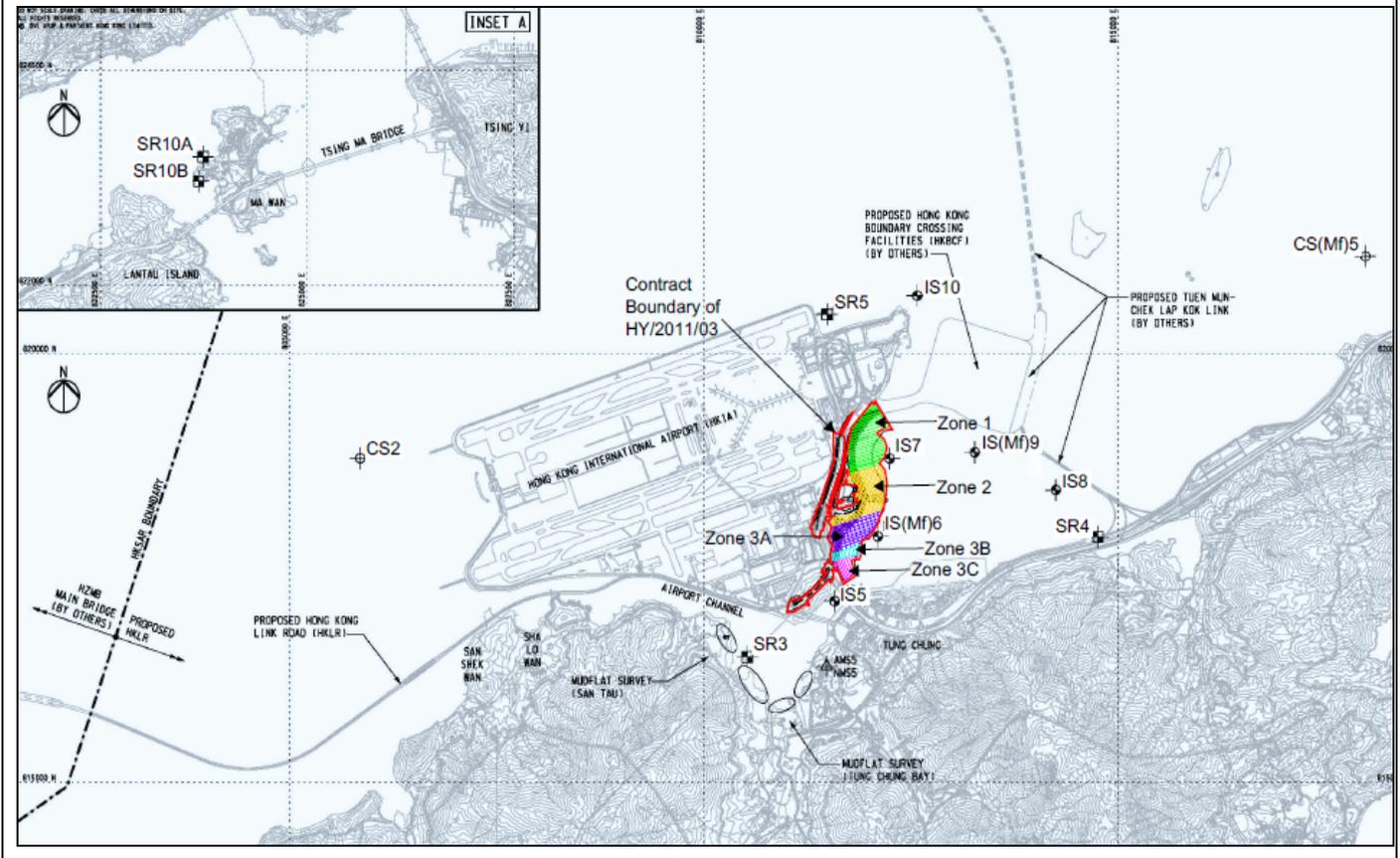
3. There were no specific activities recorded during the monitoring period that would cause any significant impacts on the monitoring results. No marine works was conducted near monitoring stations SR4 which are located outside the site boundary of HKLR03 Contract. Also, there was no muddy plume observed at stations IS(Mf)6, IS7 and SR4 during sampling exercise.
4. No leakage of turbid water or any abnormality or malpractice for all contract works was observed during the sampling exercise.

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

**Actions taken/ to be taken:**

As the suspended solid levels recorded beyond the water quality criteria were 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 : Claudine Lee \_\_\_\_\_

Title : ET Leader \_\_\_\_\_

Date : 6 January 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