

Table L1 *Cumulative Statistics on Exceedances*

Parameters	Level of Exceedance	Total No. recorded in this reporting month	Total No. recorded since project commencement
1-hr TSP	Action	2	23
	Limit	0	2
24-hr TSP	Action	0	5
	Limit	0	1
Water Quality	Action	1	6
	Limit	1	1
Impact Dolphin Monitoring	Action	0	1
	Limit	0	0

Table L2 *Cumulative Statistics on Complaints, Notifications of Summons and Successful Prosecutions*

Reporting Period	Cumulative Statistics		
	Complaints	Notifications of Summons	Successful Prosecutions
This Reporting Month (Mar 2014)	0	0	0
Total No. received since project commencement	0	0	0

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To ENVIRON - Hong Kong, Limited (ENPO)

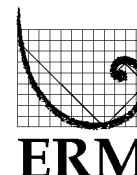
From ERM- Hong Kong, Limited

Ref/Project number Contract No. HY/2012/08 Tuen Mun-Chek Lap
Kok Link-Northern Connection Sub-sea Tunnel
Section

Subject Notification of Exceedance for Air Quality
Impact Monitoring

Date 2 April 2014

16/F DCH Commercial Centre,
25 Westlands Road
Quarry Bay, Hong Kong
Telephone: (852) 2271 3113
Facsimile: (852) 2723 5660
E-mail: jovy.tam@erm.com



Dear Sir or Madam,

Please find attached the Notification of Exceedance (NOE) of the following
Log no.:

0212330_24March2014_1hrTSP_Station ASR1
0212330_24March2014_1hrTSP_Station ASR5

A total of two Action Level Exceedances were recorded on 24 March 2014.

Regards,



Mr Jovy Tam
Environmental Team Leader

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ERM-Hong Kong, Limited

CONTRACT NO. HY/2012/08 TUEN MUN – CHEK LAP KOK LINK – NORTHERN CONNECTION SUB-SEA TUNNEL SECTION

Air Quality Impact Monitoring Notification of Exceedance

Log No.	0212330_24March2014_1hrTSP_Station ASR1 0212330_24March2014_1hrTSP_Station ASR5 [Total No. of Exceedances = 2]	
Date	24 March 2014 (Measured) 1 April 2014 (Laboratory results received by ERM)	
Monitoring Station	ASR1, ASR5, ASR6, ASR10 and AQMS1	
Parameter(s) with Exceedance(s)	1-hr TSP	
Action Levels	1-hr TSP ($\mu\text{g}/\text{m}^3$)	ASR1 = 331 ASR5 = 340
	24-hr TSP ($\mu\text{g}/\text{m}^3$)	ASR1 = 213 ASR5 = 238
Limit Levels	1-hr TSP ($\mu\text{g}/\text{m}^3$)	500
	24-hr TSP ($\mu\text{g}/\text{m}^3$)	260
Measured Levels	Action Level Exceedance for 1-hr TSP is observed at ASR1 ($391 \mu\text{g}/\text{m}^3$) during 1526 - 1626 hrs. Action Level Exceedance for 1-hr TSP is observed at ASR5 ($402 \mu\text{g}/\text{m}^3$) during 1413 - 1513 hrs.	
Works Undertaken (at the time of monitoring event)	On 24 March 2014, marine dredging works were carried out by one dredger Crown Asia 1 at Area B; seawall constructions at Area C, D; filling at Area E and sheet piling at Area F. At the time of monitoring during 1413 to 1626 hrs, land-based works were undertaken at Portion N6 for the CLP station concrete works.	
Possible Reason for Action or Limit Level Exceedance(s)	<p>The exceedance(s) are unlikely to be due to the Project, in view of the following:</p> <ul style="list-style-type: none"> Considering the relatively higher levels of 1-hour TSP between 1400 and 1630 hrs at most monitoring stations, it is probably unlikely that the level of land-based construction works under this Contract can cause increase in 1-hour TSP of this magnitude and scale. It is considered that the observed exceedances for 1-hour TSP at ASR1 and ASR5 may represent sporadic event associated with traffic emissions and anthropogenic activities during afternoon rush hour at Lung Mun Road and River Trade Terminal. According to the construction information provided by the Contractor, the majority of construction works on 24 March 2014 were marine-based with the dredging works being undertaken by one dredger (Crown Asia 1) at Portion N-C, whilst only minor land-based construction works, the concrete works of CLP power station, at Portion N6. All land-based constructions at Portion N6 were considered to have minor effect on dust generation. Whilst exceedances of Action Level were observed at ASR1 and ASR5, the average 1-hr TSP level at the monitoring stations (ASR1 = $244 \mu\text{g}/\text{m}^3$; ASR5 = $289 \mu\text{g}/\text{m}^3$) on 24 March 2014 were in compliance with the Action and Limit Levels. The 1-hr TSP at ASR5 returned to level below the Action/Limit Levels on the same day. Same level and extent of construction works were carried out at the same works area on 18th March while no exceedance was recorded. As stated in the EIA report (Section 4.2.3), the background TSP level of Tuen Mun is higher than the other region of Hong Kong, thus the exceedances may be also contributed cumulatively by the other construction works / traffic within the Tuen Mun Area rather than causing by the construction works of the Project. 	

Actions Taken/ To Be Taken	The Contractor was reminded to ensure all dust mitigating measures are provided at Portion N6. The ET will monitor for future trends in exceedances.
Remarks	The monitoring results and the locations of air quality monitoring stations are attached.