

Table K1 *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	6	40
	Limit	1	3
24-hr TSP	Action	0	5
	Limit	0	1
Water Quality	Action	0	6
	Limit	0	1
Impact Dolphin Monitoring	Action	0	9
	Limit	0	9

Table K2 *Cumulative Statistics on Complaints, Notifications of Summons and Successful Prosecutions*

Reporting Period	Cumulative Statistics		
	Complaints	Notifications of Summons	Successful Prosecutions
This Reporting Month (September 2017)	0	0	0
Total No. received since project commencement	14	1	0

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To Ramboll Environ - Hong Kong, Limited (ENPO)

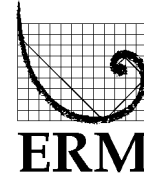
From ERM- Hong Kong, Limited

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 22 August 2017

16/F Berkshire House,
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_22August2017_1hrTSP_Station ASR1

One Action Level Exceedance was recorded on 22 August 2017.

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_22August2017_1hrTSP_Station ASR1 [Total No. of Exceedances = 1]	
Date	22 August 2017 (Measured) 1 September 2017 (Laboratory results received by ERM)	
Monitoring Station	ASR1, ASR5, ASR6, ASR10 and AQMS1	
Parameter(s) with Exceedance(s)	1-hr TSP	
Action Levels	24-hr TSP ($\mu\text{g}/\text{m}^3$)	ASR1 = 213 ASR5 = 238 AQMS1 = 213 ASR6 = 238 ASR10 = 214
	1-hr TSP ($\mu\text{g}/\text{m}^3$)	ASR1 = 331 ASR5 = 340 AQMS1 = 335 ASR6 = 338 ASR10 = 337
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 ($360 \mu\text{g}/\text{m}^3$) during 1505 - 1605 hrs.	
Works Undertaken (at the time of monitoring event)	On 22 August 2017, no construction works was carried out as Typhoon Hato was approaching and The Hong Kong Observatory expected to issue T8 signal soon.	
Possible Reason for Action or Limit Level Exceedance(s)	The exceedance is unlikely to be due to the Project, in view of the following: <ul style="list-style-type: none"> According to the construction information provided by the Contractor, all construction works has been stopped by the time of recorded exceedance. Typhoon Hato was approaching and T8 signal was expected to be issued later. 	
Actions Taken/ To Be Taken	Based on the record of weekly site inspection on 24 August 2017 and contractor's photo record on 22 August 2017, no dust nuisance was recorded at the Northern Landfall and activities conducted in this Contract's work have strictly followed the requirements stated in the EP (EP-354/2009/D). In addition, the Contractor has implemented the required mitigation measures as per the EP, approved EIA and Updated EM&A Manual including watering to maintain all exposed road surfaces and dust sources wet, use of wheel washing facilities, use of sprinklers for water spraying, materials having the potential to create dust covered by a clean tarpaulin, use of water truck and watering on all exposed soil within the Project site) throughout the construction period, no additional mitigation is deemed necessary. Photo record is provided in Annex A. Weekly water spraying record is also provided. The Enhanced TSP Monitoring has commenced on 24 October 2014, the ET will monitor for future trends in exceedances.	

Remarks	<p>The monitoring results and the locations of air quality monitoring stations are attached.</p> <p>The exceedance is considered not related to this Contract as there was no construction works during the time of recorded exceedance. Materials having the potential to create dust were also covered by tarpaulin sheets.</p> <p>However, the Contractor has also been reminded to adhere strictly to implement all relevant dust mitigation measures recommended or specified in the EP (EP-354/2009/D), the approved EIA and the Updated EM&A Manual of this Project to avoid causing dust nuisance.</p>
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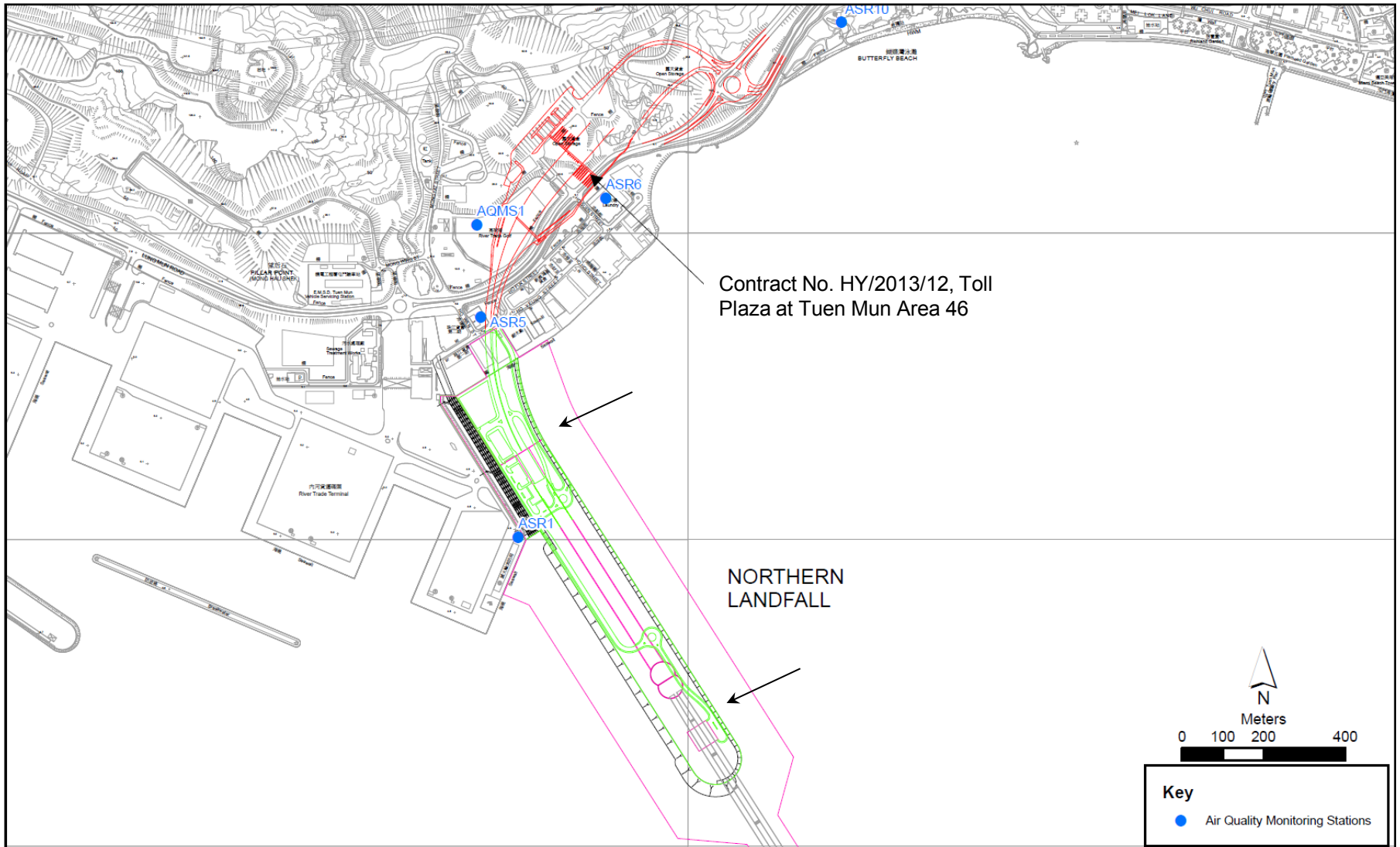


Figure 1

Air Quality Monitoring Stations for the Enhanced TSP Monitoring

DATE: 06/03/2013

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Annex A Photo Records provided by the Contractor

*Note: Photos taken on 22/8/2017



Water spraying was applied frequently during dry conditions.(Works Area Portion N-A)



No dust nuisance was observed. (Works Area Portion N-A)



Annex A Photo Records provided by the Contractor

*Note: Photos taken on 22/8/2017



Cement bags are covered by tarpaulin sheets. (Works Area Portion N-A)



Use of water truck for water spraying. (Works Area Portion N-A)



Annex A Photo Records provided by the Contractor

*Note: Photos taken on 22/8/2017



Watering on all exposed soil within the site. (Works Area Portion N-B)



Annex A Photo Records taken during Weekly Site Inspection

*Note: Photos taken on 24/8/2017



Water spraying was applied frequently during dry conditions.(Works Area Portion N-B)



Sprinklers are installed for water spraying. (Works Area Portion N-C)

Site Location 地盤位置:

Northern Landfall

Date 日期:

21-Aug-2017 to 至 27-Aug-2017

	Time 時間	Monday 星期一	Tuesday 星期二	Wednesday 星期三	Thursday 星期四	Friday 星期五	Saturday 星期六	Sunday 星期日
1	8:00 – 8:45	✓			✓	✓	✓	✓
2	8:45 – 9:30	✓	✓	☉	✓	✓	✓	✓
3	9:30 – 10:15	✓	✓	☉	✓	✓	✓	✓
4	10:15 – 11:00	✓	✓	☉	✓	✓	✓	✓
5	11:00 – 11:45	✓	✓	☉	✓	✓	✓	✓
6	11:45 – 12:30	✓	✓	☉ heavy rain	✓	✓	✓	✓
7	12:30 – 13:15	✓	✓	☉	✓	✓	✓	✓
8	13:15 – 14:00	✓	✓	☉	✓	✓	✓	✓
9	14:00 – 14:45	✓	✓	☉	✓	✓	✓	✓
10	14:45 – 15:30	✓	✓	☉	✓	✓	✓	✓
11	15:30 – 16:45	✓	✓	☉	✓	✓	✓	✓
12	16:45 – 17:30	✓	✓	☉	✓	✓	✓	✓
	Verified by Site Foreman 地盤科文簽署確認	G	G	G	G	G	G	G

Night shift 夜間工作 (if necessary 如需要)

	17:30 – 19:00							
	19:00 – 20:30							
	20:30 – 22:00							
	22:00 – 23:00							

*Please - tick (✓) in the box if complete the spraying of water.
circle (O) in the box if it is raining.

*如果 - 已經完成灑水, 請於方格內加上剔號(✓)。
是下雨天, 請於方格內加上圓圈(O)。

Remarks:

- Pursuant to EP Clause 3.15, the Permit Holder shall undertake watering at least 12 times per day on all exposed soil within the Project site and associated work areas in Tuen Mun area throughout the construction phase.
- Spraying position includes the main haul road, open area, slopes, stockpiles and any other dusty materials.
- If it is raining, no water spraying is needed.
- The no of spraying will be increased due to site condition.

備註:

- 根據環境許可證 3.15 條例, 在整個施工階段內, 許可證持有人須每天至少 12 次在屯門區項目工地和相關的工作區域內的所有暴露土壤灑水。
- 灑水位置包括主要運輸道路, 空曠地帶, 斜坡, 存料堆, 以及任何其他產生塵埃物料。
- 當下雨時, 地盤將不需要灑水。
- 如果地盤情況更改或有需要時, 灑水次數會相應增加。

TMCLKL	HY/2012/08	2017-08-22	AQMS1	Sunny	14:14	1-hour TSP	176	ug/m3
TMCLKL	HY/2012/08	2017-08-22	AQMS1	Sunny	15:16	1-hour TSP	202	ug/m3
TMCLKL	HY/2012/08	2017-08-22	AQMS1	Rainy	16:18	1-hour TSP	88	ug/m3
TMCLKL	HY/2012/08	2017-08-22	ASR1	Sunny	14:03	1-hour TSP	155	ug/m3
TMCLKL	HY/2012/08	2017-08-22	ASR1	Sunny	15:05	1-hour TSP	360	ug/m3
TMCLKL	HY/2012/08	2017-08-22	ASR1	Rainy	16:07	1-hour TSP	331	ug/m3
TMCLKL	HY/2012/08	2017-08-22	ASR10	Sunny	13:29	1-hour TSP	84	ug/m3
TMCLKL	HY/2012/08	2017-08-22	ASR10	Sunny	14:31	1-hour TSP	106	ug/m3
TMCLKL	HY/2012/08	2017-08-22	ASR10	Rainy	15:33	1-hour TSP	72	ug/m3
TMCLKL	HY/2012/08	2017-08-22	ASR5	Sunny	13:52	1-hour TSP	195	ug/m3
TMCLKL	HY/2012/08	2017-08-22	ASR5	Sunny	14:54	1-hour TSP	269	ug/m3
TMCLKL	HY/2012/08	2017-08-22	ASR5	Rainy	15:56	1-hour TSP	278	ug/m3
TMCLKL	HY/2012/08	2017-08-22	ASR6	Sunny	13:40	1-hour TSP	181	ug/m3
TMCLKL	HY/2012/08	2017-08-22	ASR6	Sunny	14:42	1-hour TSP	247	ug/m3
TMCLKL	HY/2012/08	2017-08-22	ASR6	Rainy	15:44	1-hour TSP	290	ug/m3