Appendix L Cumulative Statistics on Exceedances

		Total No. recorded in this reporting month	Total No. recorded since project commencement
1-Hr TSP	Action	4	4
	Limit	1	1
24-Hr TSP	Action	0	0
	Limit	0	0
Water Quality	Action	0	0
•	Limit	0	0
Impact Dolphin	Action	0	0
Monitoring	Limit	0	0

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

Reporting Period	Cumulative Statistics								
	Complaints	Notifications of	Successful						
		Summons	Prosecutions						
This Reporting Month (Nov 2013)	0	0	0						
Total No. received since project commencement	0	0	0						

Email message

Environmental Resources Management

To ENVIRON - Hong Kong, Limited (ENPO)

16/F DCH Commercial Centre,

25 Westlands Road Quarry Bay, Hong Kong Telephone: (852) 2271 3113 Faccimile: (852) 2723 5660

From ERM- Hong Kong, Limited

Facsimile: (852) 2723 5660 E-mail: jovy.tam@erm.com

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

ERM

Date 3 December 2013

Page 1 of 8

Dear Sir or Madam,

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

0212330_07November2013_1hrTSP_Station ASR5 0212330_07November2013_1hrTSP_Station ASR10 0212330_07November2013_1hrTSP_Station AQMS1

recorded on 07 November 2013.

Regards,

Mr Jovy Tam

Environmental Team Leader

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ERM-Hong Kong, Limited

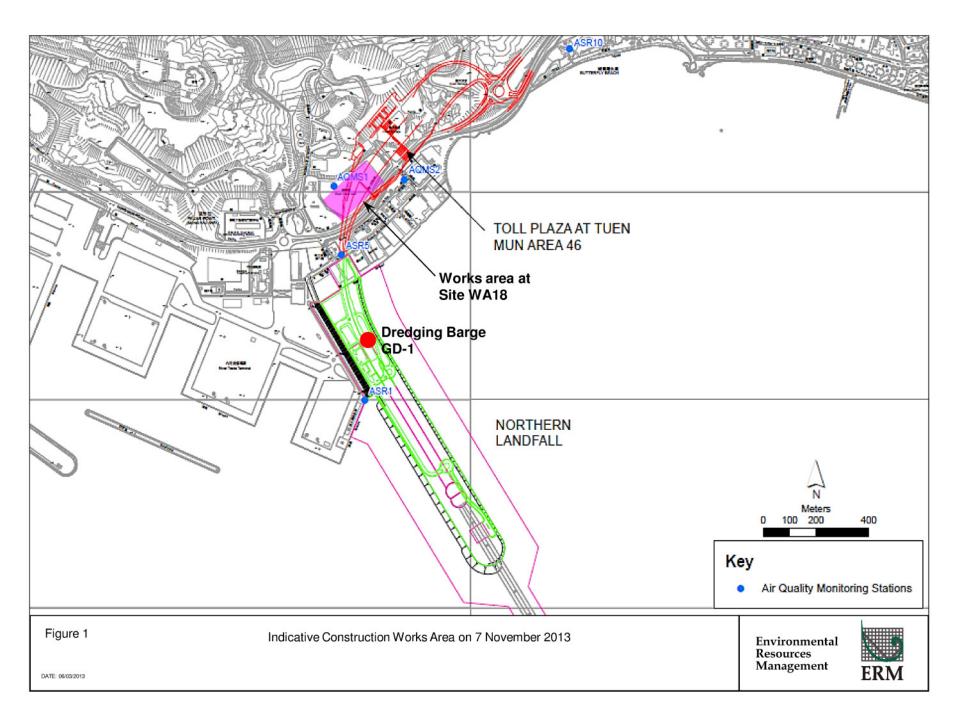


CONTRACT NO. HY/2012/08 TUEN MUN - CHEK LAP KOK LINK NORTHERN CONNECTION SUB-SEA TUNNEL SECTION

Air Quality Impact Monitoring Notification of Exceedance

Log No.	0212330_07November2013_1hrTSP_Station ASR5							
	0212330	_07November2013_1hrTSP_Station ASR10						
	0212330_	_07November2013_1hrTSP_Station AQMS1						
		[Total No. of Exceedances = 3]						
Date		7 November 2013 (Measured)						
	16 Novem	ber 2013 (Laboratory results received by ERM)						
Monitoring Station		ASR5, ASR10, AQMS1						
Parameter(s) with Exceedance(s)		1-hr TSP						
Action Levels	1-hr TSP (μg/m³)	ASR5 = 340						
		ASR10 = 337						
		AQMS1 = 335						
Limit Levels	1-hr TSP (μg/m³)	500						
Measured Levels		rved at ASR5 (413 μg/m³) during 08:20-09:20 hrs.						
1,10404204 201010		ved at ASR10 (645 μ g/m³) during 09:02-10:02 hrs.						
		rved at AQMS1 (431 μ g/m³) during 08:40-09:40 hrs.						
Works Undertaken (at		edging works were carried out by one dredger GD-1.						
the time of monitoring		g 08:20-10:02, dredging was undertaken by one dredger. At Site						
event)								
eventy		on for site formation were undertaken. Erection of chain link fence						
D 111 D 6	and site hoarding were also bein	_						
Possible Reason for		be due to the Project, in view of the following:						
Action or Limit Level		t Level was observed at ASR10, the average 1-hr TSP levels						
Exceedance(s)	1	ing station were in compliance with the Action and Limit Levels on						
	the same day. Likewise, a	average 1-hr TSP levels at ASR5 253µg/m³) and AQMS1						
	(115µg/m³)) were also in c	ompliance with the Action and Limit Levels on the same day. The						
	1-hr TSP at ASR10, ASR5 a same day.	and AQMS1 returned to level below the Action/Limit Levels on the						
	•	is located distant (>1km) from the major construction works area,						
	_	s is thus considered not directly associated with the observed						
	Action/Limit Levels of Exc	•						
	Same level and extent of co	onstruction works were carried out at the same locations on 2nd						
	November and 13th Noven	nber 2013 while no exceedance was recorded on these two days.						
		or's work activity schedule, marine dredging works at Portion N-a						
	_	nstruction works area. At Site WA 18, the level of construction						
	, , ,	minor and is thus not considered to induce the observed exceedance						
	directly.							
	I	rded wind direction (ranged from 124° to 162°, blowing to a						
		ad wind speed (ranged from 1.07 to 1.83), Stations ASR5, ASR10,						
	1	am of the major construction activities at dredging barge GD-1 at						
	_	us not be affected by the dust, if any, generated by the concerned						
	construction activities.	as not be affected by the duby if any, generated by the concented						
		t (Section 4.2.3), the background value of Tuen Mun is higher than						
		,						
		Cong, thus the exceedance may be also contributed by the other						
		c within the Tuen Mun Area rather than causing by the						
	construction works of the l	Project.						

Actions Taken / To Be Taken Taken The Contractor was reminded to ensure all dust mitigating measures are provided at WA 18. Taken ET will monitor for future trends in exceedances.						
Remarks	The monitoring results, the locations of air quality monitoring stations, wind data and construction works schedule are attached.					



Project	Works	Date	Station	Weather	Start time	End Time (hh:mm, 24	Parameters	Results	units
TMCLKL	HY/2012/08	2013/11/02	AQMS2	S	08:08	09:08	1-hour TSP	213	µg/m³
TMCLKL	HY/2012/08	2013/11/02	AQMS2	S	09:10	10:10	1-hour TSP	267	μg/m³
TMCLKL	HY/2012/08	2013/11/02	AQMS2	S	10:12	11:12	1-hour TSP		μg/m³
TMCLKL	HY/2012/08	2013/11/02	AQMS1	S	08:40	09:40	1-hour TSP	145	μg/m³
TMCLKL	HY/2012/08	2013/11/02	AQMS1	S	09:40	10:40	1-hour TSP	266	µg/m³
TMCLKL	HY/2012/08	2013/11/02	AQMS1	S	10:40	11:40	1-hour TSP	159	μg/m³
TMCLKL	HY/2012/08	2013/11/02	ASR10	S	08:00	09:00	1-hour TSP	173	μg/m³
TMCLKL	HY/2012/08	2013/11/02	ASR10	S	09:02	10:02	1-hour TSP	248	μg/m³
TMCLKL	HY/2012/08	2013/11/02	ASR10	S	10:04	11:04	1-hour TSP	116	μg/m³
TMCLKL	HY/2012/08	2013/11/02	ASR1	S	08:30	09:30	1-hour TSP	164	μg/m³
TMCLKL	HY/2012/08	2013/11/02	ASR1	S	09:32	10:32	1-hour TSP	184	µg/m³
TMCLKL	HY/2012/08	2013/11/02	ASR1	S	10:34	11:34	1-hour TSP	147	μg/m³
TMCLKL	HY/2012/08	2013/11/02	ASR5	S	08:20	09:20	1-hour TSP	192	μg/m³
TMCLKL	HY/2012/08	2013/11/02	ASR5	S	09:22	10:22	1-hour TSP		μg/m³
TMCLKL	HY/2012/08	2013/11/02	ASR5	S	10:24	11:24	1-hour TSP	252	µg/m³
TMCLKL	HY/2012/08	2013/11/07	ASR1	S	08:30	09:30	1-hour TSP	257	μg/m³
TMCLKL	HY/2012/08	2013/11/07	ASR1	S	09:32	10:32	1-hour TSP		μg/m³
TMCLKL	HY/2012/08	2013/11/07	ASR1	S	10:34	11:34	1-hour TSP	123	µg/m³
TMCLKL	HY/2012/08	2013/11/07	ASR5	S	08:20	09:20	1-hour TSP	413	μg/m³
TMCLKL	HY/2012/08	2013/11/07	ASR5	S	09:22	10:22	1-hour TSP	247	μg/m³
TMCLKL	HY/2012/08	2013/11/07	ASR5	S	10:24	11:24	1-hour TSP	259	μg/m³
TMCLKL	HY/2012/08	2013/11/07	AQMS2	S	08:08	09:08	1-hour TSP	332	µg/m³
TMCLKL	HY/2012/08	2013/11/07	AQMS2	S	09:10	10:10	1-hour TSP	203	µg/m³
TMCLKL	HY/2012/08	2013/11/07	AQMS2	S	10:12	11:12	1-hour TSP	196	µg/m³
TMCLKL	HY/2012/08	2013/11/07	ASR10	S	08:00	09:00	1-hour TSP		µg/m³
TMCLKL	HY/2012/08	2013/11/07	ASR10	S	09:02	10:02	1-hour TSP	645	µg/m³

TMCLKL	HY/2012/08	2013/11/07	ASR10	S	10:04	11:04	1-hour TSP	167	µg/m³
TMCLKL	HY/2012/08	2013/11/07	AQMS1	S	08:40	09:40	1-hour TSP	431	µg/m³
TMCLKL	HY/2012/08	2013/11/07	AQMS1	S	09:42	10:42	1-hour TSP	112	µg/m³
TMCLKL	HY/2012/08	2013/11/07	AQMS1	S	10:44	11:44	1-hour TSP	118	μg/m³
TMCLKL	HY/2012/08	2013/11/13	AQMS1	S	10:47	11:47	1-hour TSP	46	µg/m³
TMCLKL	HY/2012/08	2013/11/13	AQMS1	S	09:45	10:45	1-hour TSP	38	µg/m³
TMCLKL	HY/2012/08	2013/11/13	AQMS1	S	08:43	09:43	1-hour TSP	81	µg/m³
TMCLKL	HY/2012/08	2013/11/13	ASR10	S	10:04	11:04	1-hour TSP	60	µg/m³
TMCLKL	HY/2012/08	2013/11/13	ASR10	S	09:02	10:02	1-hour TSP	87	µg/m³
TMCLKL	HY/2012/08	2013/11/13	ASR10	S	08:00	09:00	1-hour TSP	184	µg/m³
TMCLKL	HY/2012/08	2013/11/13	AQMS2	S	08:10	09:10	1-hour TSP	167	μg/m³
TMCLKL	HY/2012/08	2013/11/13	AQMS2	S	10:14	11:14	1-hour TSP	81	µg/m³
TMCLKL	HY/2012/08	2013/11/13	AQMS2	S	09:12	10:12	1-hour TSP	69	µg/m³
TMCLKL	HY/2012/08	2013/11/13	ASR5	S	10:24	11:24	1-hour TSP	85	µg/m³
TMCLKL	HY/2012/08	2013/11/13	ASR5	S	09:22	10:22	1-hour TSP	122	µg/m³
TMCLKL	HY/2012/08	2013/11/13	ASR5	S	08:20	09:20	1-hour TSP	88	µg/m³
TMCLKL	HY/2012/08	2013/11/13	ASR1	S	09:34	10:34	1-hour TSP	69	µg/m³
TMCLKL	HY/2012/08	2013/11/13	ASR1	S	08:32	09:32	1-hour TSP	79	µg/m³
TMCLKL	HY/2012/08	2013/11/13	ASR1	S	10:36	11:36	1-hour TSP	73	µg/m³

Row Labels	Average of Wind direction	Average of Wind speed	
0:00		179	0.38
1:00		231	0.35
2:00		161	0.44
3:00		198	0.51
4:00		271	0.49
5:00		176	0.37
6:00		110	0.95
7:00		104	1.60
8:00		124	1.60
9:00		130	1.83
10:00		162	1.07
11:00		167	1.22
12:00		142	1.48
13:00		158	1.43
14:00		166	1.38
15:00		161	1.38
Grand Total		167	0.99

Cont. No.: HY/2012/08 - Tuen Mum - Chek Lap Kok Link Northern Connection Sub-Sea Tunnel Section

Item no.	Description	Date of start	Date of finish	Duration	Incharge										N	ov										
									Wk	46				Wk	47				Wk	48				Wk 4	.9	
						1 2	2 3	4 5	6	7	8 9	10	11 12	2 13	14 1	15 16	17	18 1	9 20	21	22 23	24	25 26	27 2	8 29	30 1
						F S	S	МТ	· w	Т	F S	S	мт	w	Т	F S	S	м -	гw	Т	F S	S	мт	w 1	ГЕ	s s
1.1.1	General site clearance	07/10/2013	12/10/2013	6	DBJV																					
	Utilities Detection																								\prod	
1.1.2	Utilities survey / detection	15/10/2013	17/10/2013	3	APC																					
	Chain Link Fence / Hoarding																									
1.1.3	Survey setting out - chain link fence / site hoarding / main gates	10/10/2013	11/10/2013	2	DBJV																					
1.1.4	Erection of chain link fence / site hoarding / main gates	01/11/2013	23/11/2013	23	HouTai																					
	Site Formation																									
1.1.5	Tendering of site formation (excavation / ground slab)	07/10/2013	26/10/2013	20	DBJV																					
1.1.6	Survey setting out - Drainage works	28/10/2013	02/11/2013	6	DBJV																					
1.1.7	Site formation (Excavation / drainage)	01/11/2013	30/11/2013	30	HouTai																					
	Temp. outdoor 11kv substation																									
1.1.8	Tendering of site formation (outdoor 11kV substation)	07/10/2013	26/10/2013	20	DBJV																					
1.1.9	Survey setting out - outdoor 11kV substation	28/10/2013	02/11/2013	6	DBJV																					
1.1.10	Temporary outdoor substation (11kV)	04/11/2013	14/12/2013	41	Ming Fai																					
	Site Office																									
1.1.11	Design caculation and submission for approval	25/10/2013	02/11/2013	9	KONWO																					
1.1.12	Material submission	28/10/2013	02/11/2013	6	KONWO																					
1.1.13	Site formation (foundation / concrete slab)	04/11/2013	23/11/2013	20	KONWO																					
1.1.14	Assembly of site office including ABWF, E&M, Data cabling and furnitures (DBJV)	11/11/2013	11/01/2014	62	KONWO																					
1.1.15	Assembly of site office including ABWF, E&M, Data cabling and furnitures (SOR)	11/11/2013	15/02/2014	97	KONWO																					

Email message Environmental Resources Management

To ENVIRON - Hong Kong, Limited (ENPO)

16/F DCH Commercial Centre,

25 Westlands Road Quarry Bay, Hong Kong Telephone: (852) 2271 3113

From ERM- Hong Kong, Limited

Telephone: (852) 2271 3113 Facsimile: (852) 2723 5660 E-mail: jovy.tam@erm.com

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 9 December 2013



Dear Sir or Madam,

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

0212330_19November2013_1hrTSP_Station ASR1 0212330_19November2013_1hrTSP_Station ASR5

recorded on 19 November 2013.

Regards,

Mr Jovy Tam

Environmental Team Leader

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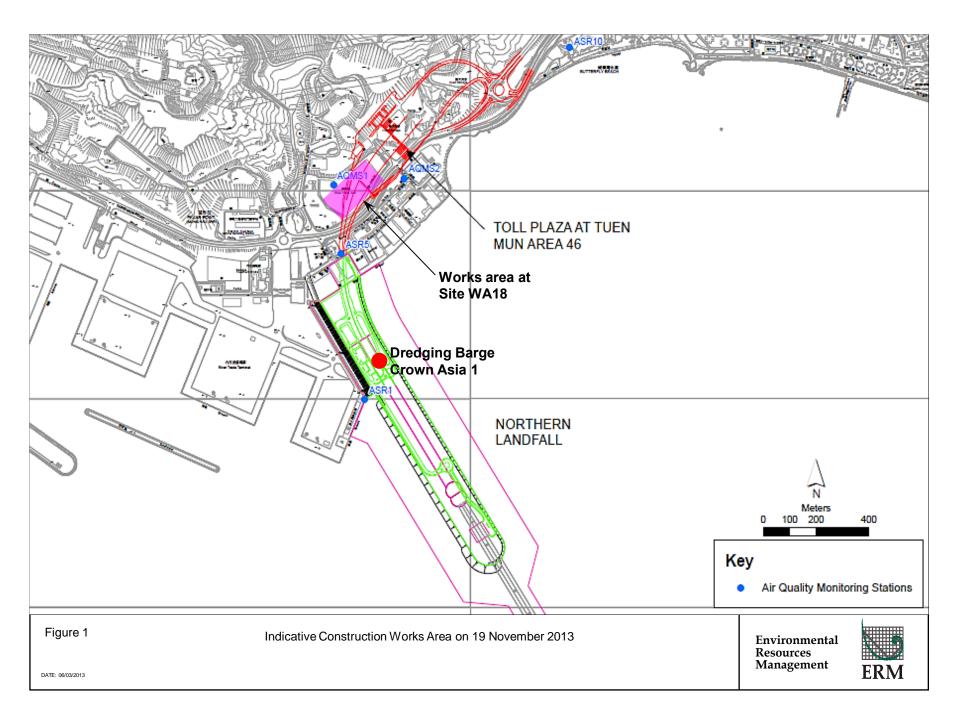
ERM-Hong Kong, Limited



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

Air Quality Impact Monitoring Notification of Exceedance

Notification of Exceedance								
Log No.		0_19November2013_1hrTSP_Station ASR1						
	0212330)_19November2013_1hrTSP_Station ASR5						
		[Total No. of Exceedances = 2]						
Date		19 November 2013 (Measured)						
	26 Novem	ber 2013 (Laboratory results received by ERM)						
Monitoring Station		ASR1, ASR5						
Parameter(s) with		1-hr TSP						
Exceedance(s)								
Action Levels	1-hr TSP (μ g/m ³)	ASR1 = 331						
71 1.7	ASR5 = 340							
Limit Levels	1-hr TSP (μg/m³)	500						
Measured Levels		rved at ASR1 (363 μg/m³) during 09:33-10:33 hrs.						
		rved at ASR5 (400 μg/m³) during 08:20-09:20 hrs.						
Works Undertaken (at		redging works were carried out by one dredger Crown Asia 1 at						
the time of monitoring	Portion N-a.							
event)	l .	g 08:20-10:33, dredging was undertaken by one dredger. At Site						
		on for site formation were undertaken. Erection of chain link fence						
	and site hoarding were also bein	-						
Possible Reason for	1	be due to the Project, in view of the following:						
Action or Limit Level		on Level was observed at ASR1, the average 1-hr TSP level						
Exceedance(s)	1	ing station on 19 November 2013 was in compliance with the Action						
		se, average 1-hr TSP level at ASR5 (319μg/m³) was also in						
	1	n and Limit Levels on 19 November 2013. The 1-hr TSP at ASR1						
	and ASR5 returned to leve	l below the Action/Limit Levels on the same day.						
		onstruction works were carried out at the same locations on 13th						
	November and 25 th Noven	nber 2013 while no exceedance was recorded on these two days.						
	 According to the Contractor 	or's work activity schedule, marine dredging works at Portion N-a						
	was the major ongoing cor	struction works area. At Site WA 18, the level of construction						
	works is considered to be 1	minor and is thus not considered to induce the observed exceedance						
	directly.							
	With reference to the recor	ded wind direction (ranged between 104° and 134°, blowing to a						
	southeasterly direction) an	d wind speed (ranged from 1.18 to 1.68 m/s) during the period of						
	observed 1-hr TSP exceeda	inces, Stations ASR1 and ASR5 are located upstream of the major						
		redging barge Crown Asia 1 at Portion N-a, thus should not be						
	affected by the dust, if any	, generated by the concerned construction activities.						
	 As stated in the EIA report 	(Section 4.2.3), the background value of Tuen Mun is higher than						
	the other region of Hong K	Cong, thus the exceedance may be also contributed cumulatively by						
	the other construction wor	ks / traffic within the Tuen Mun Area rather than causing by the						
	construction works of the Project.							
Actions Taken / To Be	The Contractor was reminded to	ensure all dust mitigating measures are provided at WA 18. The						
Taken	ET will monitor for future trends	s in exceedances.						
Remarks	The monitoring results, the locat	ions of air quality monitoring stations, wind data and construction						
	works schedule are attached.							



Project	Works	Date	Station	Weather	Start time	tart time End Time		Results	units
					(hh:mm, 24hour)	(hh:mm, 24hour)			
TMCLKL	HY/2012/08	2013-11-13	AQMS1	S	10:47	10:47 11:47		46	μg/m³
TMCLKL	HY/2012/08	2013-11-13	AQMS1	S	09:45	10:45	1-hour TSP	38	μg/m ³
TMCLKL	HY/2012/08	2013-11-13	AQMS1	S	08:43	09:43	1-hour TSP	81	μg/m³
TMCLKL	HY/2012/08	2013-11-13	ASR10	S	10:04	11:04	1-hour TSP	60	µg/m³
TMCLKL	HY/2012/08	2013-11-13	ASR10	S	09:02	10:02	1-hour TSP	87	μg/m ³
TMCLKL	HY/2012/08	2013-11-13	ASR10	S	08:00	09:00	1-hour TSP	184	μg/m³
TMCLKL	HY/2012/08	2013-11-13	AQMS2	S	08:10	09:10	1-hour TSP	167	µg/m³
TMCLKL	HY/2012/08	2013-11-13	AQMS2	S	10:14	11:14	1-hour TSP	81	µg/m³
TMCLKL	HY/2012/08	2013-11-13	AQMS2	S	09:12	10:12	1-hour TSP	69	μg/m³
TMCLKL	HY/2012/08	2013-11-13	ASR5	S	10:24	11:24	1-hour TSP	85	μg/m³
TMCLKL	HY/2012/08	2013-11-13	ASR5	S	09:22	10:22	1-hour TSP	122	µg/m³
TMCLKL	HY/2012/08	2013-11-13	ASR5	S	08:20	09:20	1-hour TSP	88	μg/m ³
TMCLKL	HY/2012/08	2013-11-13	ASR1	S	09:34	10:34	1-hour TSP	69	μg/m ³
TMCLKL	HY/2012/08	2013-11-13	ASR1	S	08:32	09:32	1-hour TSP	79	μg/m ³
TMCLKL	HY/2012/08	2013-11-13	ASR1	S	10:36	11:36	1-hour TSP	73	μg/m ³
TMCLKL	HY/2012/08	2013-11-19	AQMS1	S	08:42	09:42	1-hour TSP	203	μg/m³
TMCLKL	HY/2012/08	2013-11-19	AQMS1	S	09:44	10:44	1-hour TSP	204	μg/m³
TMCLKL	HY/2012/08	2013-11-19	AQMS1	S	10:46	11:46	1-hour TSP	159	μg/m³
TMCLKL	HY/2012/08	2013-11-19	ASR1	S	08:31	09:31	1-hour TSP	322	μg/m ³
TMCLKL	HY/2012/08	2013-11-19	ASR1	S	09:33	10:33	1-hour TSP	363	μg/m ³
TMCLKL	HY/2012/08	2013-11-19	ASR1	S	10:25	11:25	1-hour TSP	298	μg/m³
TMCLKL	HY/2012/08	2013-11-19	ASR5	S	08:20	09:20	1-hour TSP	400	μg/m ³
TMCLKL	HY/2012/08	2013-11-19	ASR5	S	09:22	10:22	1-hour TSP	297	μg/m³
TMCLKL	HY/2012/08	2013-11-19	ASR5	S	10:24	11:24	1-hour TSP	261	μg/m³
TMCLKL	HY/2012/08	2013-11-19	ASR6	S	08:10	09:10	1-hour TSP	270	µg/m³
TMCLKL	HY/2012/08	2013-11-19	ASR6	S	09:12	10:12	1-hour TSP	274	μg/m³
TMCLKL	HY/2012/08	2013-11-19	ASR6	S	10:14	11:14	1-hour TSP	271	µg/m³

TMCLKL	HY/2012/08	2013-11-19	ASR10	S	08:00	09:00	1-hour TSP	173	μg/m³
TMCLKL	HY/2012/08	2013-11-19	ASR10	S	09:02	10:02	1-hour TSP	119	μg/m ³
TMCLKL	HY/2012/08	2013-11-19	ASR10	S	10:04	11:04	1-hour TSP	143	μg/m³
TMCLKL	HY/2012/08	2013-11-25	AQMS1	S	08:49	09:49	1-hour TSP	142	μg/m ³
TMCLKL	HY/2012/08	2013-11-25	AQMS1	S	09:51	10:51	1-hour TSP	163	μg/m ³
TMCLKL	HY/2012/08	2013-11-25	AQMS1	S	10:53	11:53	1-hour TSP	147	μg/m³
TMCLKL	HY/2012/08	2013-11-25	ASR1	S	08:37	09:37	1-hour TSP	142	μg/m³
TMCLKL	HY/2012/08	2013-11-25	ASR1	S	09:39	10:39	1-hour TSP	182	μg/m³
TMCLKL	HY/2012/08	2013-11-25	ASR1	S	10:41	11:41	1-hour TSP	182	μg/m ³
TMCLKL	HY/2012/08	2013-11-25	ASR5	S	08:25	09:25	1-hour TSP	214	μg/m ³
TMCLKL	HY/2012/08	2013-11-25	ASR5	S	09:27	10:27	1-hour TSP	268	μg/m ³
TMCLKL	HY/2012/08	2013-11-25	ASR5	S	10:29	11:29	1-hour TSP	299	μg/m ³
TMCLKL	HY/2012/08	2013-11-25	AQMS2	S	08:16	09:16	1-hour TSP	137	μg/m ³
TMCLKL	HY/2012/08	2013-11-25	AQMS2	S	09:18	10:18	1-hour TSP	127	μg/m³
TMCLKL	HY/2012/08	2013-11-25	AQMS2	S	10:20	11:20	1-hour TSP	168	μg/m ³
TMCLKL	HY/2012/08	2013-11-25	ASR10	S	08:05	09:05	1-hour TSP	96	μg/m ³
TMCLKL	HY/2012/08	2013-11-25	ASR10	S	09:07	10:07	1-hour TSP	107	μg/m ³
TMCLKL	HY/2012/08	2013-11-25	ASR10	S	10:09	11:09	1-hour TSP	93	μg/m³

Date: 19-Nov-2013

	Data	
Time	Average of Wind direction	Average of Wind speed
0:00	227	0.47
1:00	174	0.83
2:00	226	0.83
3:00	152	1.41
4:00	129	1.67
5:00	131	1.68
6:00	94	1.62
7:00	109	1.90
8:00	106	1.68
9:00	133	1.25
10:00	104	1.24
11:00	134	1.18
12:00	150	1.22
13:00	97	1.47
14:00	99	1.52
15:00	107	1.84
16:00	104	1.98
17:00	95	1.59
18:00	86	1.94
19:00	97	1.42
20:00	108	0.98
21:00	100	1.62
22:00	132	1.17
23:00	88	1.45
Grand Total	124	1.41

Cont. No.: HY/2012/08 - Tuen Mum - Chek Lap Kok Link Northern Connection Sub-Sea Tunnel Section

Item no.	Description	Date of start	Date of finish	Duration	Incharge	ncharge																				
						Wk 46						Wk 47					Wk 48					Wk 49				
						1 2	3	4 5	6	7	8 9	10	11 1	2 13	14 1	.5 16	17	18 1	9 20	21	22 23	24	25 26	27 2	.8 29	30 1
						F S	S	МТ	w	Т	F S	S	МТ	· w	ТІ	F S	S	м	гw	Т	F S	S	мт	w -	ГЕ	s s
1.1.1	General site clearance	07/10/2013	12/10/2013	6	DBJV																					
	Utilities Detection																									
1.1.2	Utilities survey / detection	15/10/2013	17/10/2013	3	APC																					
	Chain Link Fence / Hoarding																									
1.1.3	Survey setting out - chain link fence / site hoarding / main gates	10/10/2013	11/10/2013	2	DBJV																					
1.1.4	Erection of chain link fence / site hoarding / main gates	01/11/2013	23/11/2013	23	HouTai																					
	Site Formation																									
1.1.5	Tendering of site formation (excavation / ground slab)	07/10/2013	26/10/2013	20	DBJV																					
1.1.6	Survey setting out - Drainage works	28/10/2013	02/11/2013	6	DBJV																					
1.1.7	Site formation (Excavation / drainage)	01/11/2013	30/11/2013	30	HouTai																					
	Temp. outdoor 11kv substation																						\perp			
1.1.8	Tendering of site formation (outdoor 11kV substation)	07/10/2013	26/10/2013	20	DBJV																					
1.1.9	Survey setting out - outdoor 11kV substation	28/10/2013	02/11/2013	6	DBJV																					
1.1.10	Temporary outdoor substation (11kV)	04/11/2013	14/12/2013	41	Ming Fai																					
	Site Office																									
1.1.11	Design caculation and submission for approval	25/10/2013	02/11/2013	9	KONWO																					
1.1.12	Material submission	28/10/2013	02/11/2013	6	KONWO																					
1.1.13	Site formation (foundation / concrete slab)	04/11/2013	23/11/2013	20	KONWO																					
1.1.14	Assembly of site office including ABWF, E&M, Data cabling and furnitures (DBJV)	11/11/2013	11/01/2014	62	KONWO																					
1.1.15	Assembly of site office including ABWF, E&M, Data cabling and furnitures (SOR)	11/11/2013	15/02/2014	97	KONWO																					