

Environmental Protection Department

Contract No. HY/2012/06

Widening of Fanling Highway - Tai Hang to Wo Hop Shek Interchange

Quarterly EM&A Report for February 2014 to April 2014

[05/2014]

	Name	Signature
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Reviewed & Approved:	Y W Fung	1/

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Your ref

E

Hyder-Arup-Black & Veatch Joint Venture c/o Hyder Consulting Limited 47/F Hopewell Centre 183 Queen's Road East Wanchai, Hong Kong

Dear Sir,

14 May 2014 By Fax (2805 5028) & Post

Attn: Mr. James Penny

EM&A for Widening of Tolo Highway/Fanling Highway between Island House Interchange and Fanling Stage 2 (between Tai Hang to Wo Hop Shek Interchange)

Environmental Permit No. EP-324/2008/B

Quarterly EM&A Summary Report for February 2014 to April 2014 for the portion of Stage 2 works under Contract No. HY/2012/06

We refer to the Quarterly EM&A Summary Report for February 2014 to April 2014 for the Project received on 12, 13 and 14 May 2014 submitted by ET via email. We confirm we have no comment.

Yours faithfully

for MOTT MACDONALD HONG KONG LIMITED

Terence Kong

Independent Environmental Checker

c.c. HyD – Mr. Chung Lok Chin (Fax: 2714 5198) / Ms. Jackei Yin (Fax: 2761 4864) AECOM – Mr. Y W Fung (Fax:2891 0305)

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AECOM Asia Co. Ltd. P:\60307376\1.01\Deliverables\Quarterly Report\201402-201404\Rev.0 (1402-1404).doc May 2014 1

EXECUTIVE SUMMARY

The proposed widening of Tolo Highway and Fanling Highway between Island House Interchange and Fanling (the Project) is a Designated Project under the Environmental Impact Assessment Ordinance (Cap. 499) (EIAO). An Environmental Impact Assessment (EIA) Report (the approved EIA Report) together with an Environmental Monitoring and Audit (EM&A) Manual (the approved EM&A Manual) were completed and approved under the EIAO on 14 July 2000 (Register Number: EIA-043/2000).

The objective of the Project "Widening of Tolo Highway / Fanling Highway between Island House Interchange and Fanling" is to widen Tolo Highway and Fanling Highway to dual 4-lane carriageway in order to alleviate the current traffic congestion problems and to cope with the increasing transport demands to and from the urban areas and also cross boundary traffic.

The construction works for this Project will be delivered in 2 stages i.e. Stage 1 (between Island House Interchange and Tai Hang) and Stage 2 (between Tai Hang and Wo Hop Shek Interchange). Stage 2 would be implemented under two works contracts. Contract No. HY2012/06 "Widening of Fanling Highway – Tai Hang to Wo Hop Shek Interchange" and the entrusted portion to CEDD under Contract No. CV/2012/09 "Liantang/Heung Yuen Wai Boundary Control Point Site Formation and Infrastructure Works – Contract 3". This report focuses on Contract No. HY2012/06 "Widening of Fanling Highway – Tai Hang to Wo Hop Shek Interchange" in Stage 2 of the Project only.

Pursuant to the EP (EP-324/2008/A) Condition 2.7, the Capture Survey Trip Report for Ma Wat River Northern Meander (Version 2) for the Project was submitted on 24 December 2013 by the Environmental Team (ET) and verified by the Independent Environmental Checker (IEC) on 6 January 2014.

The construction phase of the Contract under the EP and the Environmental Monitoring and Audit (EM&A) programme of the contract commenced on 21 November 2013. The impact environmental monitoring and audit includes air quality and noise monitoring.

This report documents the findings of EM&A works conducted in the period between 1 February 2014 and 30 April 2014. As informed by the Contractor, construction activities in the reporting period were:-

- Site clearance;
- Ground investigation;
- Tree felling and transplantation;
- Piling works;
- Backfilling;
- Excavation;
- Pipe laying; and
- Retaining wall construction.

Reporting Change

There was no reporting change required in the reporting month.

Breaches of Action and Limit Levels for Air Quality

No exceedance of Action and Limit Level was recorded for 1-hour and 24-hour TSP monitoring in the reporting month.

Breaches of Action and Limit Levels for Noise

No Action Level exceedance of construction noise was recorded in the reporting month since no noise complaints related to 0700 – 1900 hours on normal weekdays was received and followed by the Environmental Team in the reporting month. No Limit Level exceedance of construction noise was recorded in the reporting month.

1 INTRODUCTION

1.1 Project Organization and Contacts of Key Management

1.1.1 The project organization structure is shown in Appendix A. The key personnel contact names and numbers are summarized in Table 1.1.

Table 1.1 Contact Information of Key Personnel

Party	Position	Name	Telephone	Fax
ER (Hyder-Arup-Black & Veatch Joint Venture)	Chief Resident Engineer	Edwin Chung	6115 0818	2638 0950
IEC (Mott MacDonald Hong Kong Limited)	Independent Environmental Checker	Terence Kong	2828 5919	2827 1823
Contractor (China State	Environmental	Michael Tsang	9277 4956	2672 2501
Construction Engineering (Hong Kong) Limited)	Officer	C C Chow	9679 6315	2672 2501
ET (AECOM Asia Company Limited)	ET Leader	Y W Fung	3922 9393	3922 9797

1.2 Programme

1.2.1 The Construction Programme is shown in Appendix B.

1.3 Summary of Construction Works

- 1.3.1 Details of the construction works carried out by the Contractor in this reporting period are listed below:-
 - Site clearance;
- Ground investigation;
- Tree felling and transplantation;
- Piling works;
- Backfilling;
- Excavation;
- Pipe laying; and
- Retaining wall construction.
- 1.3.2 The general layout plan of the Project site showing the contract areas is shown in Figure 1.1.
- 1.3.3 The environmental mitigation measures implementation schedule are presented in Appendix C.

2 ENVIRONMENTAL MONITORING AND AUDIT REQUIREMENTS

2.1 Monitoring Parameters

- 2.1.1 The updated EM&A Manual has designated 1 air quality monitoring station and 2 noise monitoring stations to monitor environmental impacts on air quality and noise due to Stage 2 of the Project.
- 2.1.2 The updated EM&A Manual also requires environmental site inspections for air quality, noise, water quality, chemical, waste management, ecology and landscape and visual impacts.

2.2 Monitoring Locations

- 2.2.1 For air quality monitoring, the monitoring station was set up at Fanling Government Secondary School, in accordance with updated EM&A Manual. The location is shown in Figure 1.2a.
- 2.2.2 For noise monitoring, the monitoring stations M2 and M3 were set up at West Tai Wo and Fanling Government Secondary School respectively in accordance with updated EM&A Manual. Figure 1.2a-b shows the locations of the monitoring stations.

2.3 Environmental Quality Performance Limits (Action/Limit Levels)

- 2.3.1 The environmental quality performance limits (i.e. Action/Limit Levels) of air quality monitoring were derived from the baseline air quality monitoring results at the monitoring station (AM2); while the environmental quality performance limits of noise monitoring were defined in the EM&A Manual.
- 2.3.2 The environmental quality performance limits are given in Appendix D.

2.4 Environmental Mitigation Measures

2.4.1 Relevant environmental mitigation measures were stipulated in the Particular Specification and EP for the Contractor to adopt. A list of environmental mitigation measures and their implementation statuses are given in Appendix C.

3 AIR QUALITY MONITORING

- 3.1.1 In accordance with the updated EM&A Manual, baseline 1-hour and 24-hour TSP levels at one air quality monitoring station was established. Impact 1-hour TSP monitoring was conducted for at least three times every 6 days, while impact 24-hour TSP monitoring was carried out for at least once every 6 days.
- 3.1.2 The weather was mostly sunny, with several fine, cloudy and rainy days in the reporting quarter. Weather information including the wind speed and wind direction is annexed in Appendix F. The information was obtained from the Hong Kong Observatory Tai Po and Tai Mei Tuk Automatic Weather Stations.
- 3.1.3 The monitoring results for 1-hour TSP and 24-hour TSP monitoring are summarized in Tables 3.1 and 3.2 respectively. Detailed impact air quality monitoring results are presented in Appendix E.

Table 3.1 Summary of 1-hour TSP Monitoring Results in the Reporting Period

Location	Average (μg/m³)	Range (μg/m³)	Action Level (μg/m³)	Limit Level (μg/m³)
AM2 (Fanling Government Secondary School)	77.1	68.6 – 85.5	317.8	500

Table 3.2 Summary of 24-hour TSP Monitoring Results in the Reporting Period

Location	Average (μg/m³)	Range (μg/m³)	Action Level (μg/m³)	Limit Level (μg/m³)
AM2 (Fanling Government Secondary School)	45.8	25.2 – 82.3	200.7	260

- 3.1.4 The major dust sources in the reporting period included construction activities from Stage 2 of the Project, as well as nearby traffic emissions.
- 3.1.5 All 1-hour and 24-hour TSP results were below the Action and Limit Level in the reporting quarter.
- 3.1.6 Detailed impact air quality monitoring results are presented in Appendix E.

4 NOISE MONITORING

- 4.1.1 In accordance with the EM&A Manual, impact noise monitoring was conducted for at least once per week during the construction phase of the Contract.
- 4.1.2 The monitoring results for construction noise are summarized in Table 4.1 and the monitoring data are provided in Appendix G.

Table 4.1 Summary of Construction Noise Monitoring Results in the Reporting Period

	Average (dB(A))	Average (dB(A)) Range (dB(A))			
	L _{eq (30 mins)}	L _{eq (30 mins)}	L _{eq (30 mins)}		
M2*	68.3	64.9 – 69.8	75		
M3 [#]	65.2	62.1 – 69.6	65/70		

^{*+3}dB(A) Façade correction included

- 4.1.3 The major noise sources during the noise monitoring included nearby road traffic noise.
- 4.1.4 There was no noise complaint related to 0700 1900 hours on normal weekdays received and followed up by the ET in the reporting quarter. Hence, no Action Level exceedance was recorded.
- 4.1.5 No noise monitoring result exceeding the Limit Level was recorded at all monitoring stations in the reporting quarter.
- 4.1.6 The graphical plots of the trends of the monitoring results are provided in Appendix G.

5 ADVICE ON THE SOLID AND LIQUID WASTE MANAGEMENT STATUS

- 5.1.1 As advised by the Contractor, 80m³ of inert C&D material was disposed of as public fill to Tuen Mun 38 (of which 0m³ was broken concrete), while 315m³ of general refuse was disposed of at NENT landfill. 143kg of paper/cardboard packaging, 0kg of plastics and 0kg of metals were collected by recycling contractors in the reporting month. 80m³ and 19m³ of inert C&D materials were reused on site and reused in NENT for backfilling purpose respectively. 0kg of chemical wastes was collected by licensed contractors in the reporting period.
- 5.1.2 The actual amounts of different types of waste generated by the activities of the Project in the reporting quarter are shown in Table 5.1.

Table 5.1 Summary of Waste Flow Table

[#] Limit Level of 70dB(A) applies to education institutes while 65dB(A) applies during school examination period.

Waste Type	Actual Amount	Disposal/Reuse Locations			
Inert C&D materials	80m³ (of which 0m³ was broken concrete)	Tuen Mun 38			
General refuse	315m ³	NENT Landfill			
Paper/cardboard packaging	143kg	Recycling Contractors			
Plastics	0kg	Recycling Contractors			
Metals	0kg	Recycling Contractors			
C&D materials reused on site	80m ³	Site Area			
C&D materials reused in NENT for backfilling	19m ³	NENT Landfill			
Chemical wastes	0kg	Licensed Contractors			

6 SUMMARY OF EXCEEDANCES OF THE ENVIRONMENTAL QUALITY PERFORMANCE LIMIT

- 6.1.1 All 1-hour and 24-hour TSP monitoring results complied with the Action / Limit Levels in the reporting quarter.
- 6.1.2 For construction noise, no Action and Limit Level exceedance was recorded at all monitoring stations in the reporting quarter.

7 SUMMARY OF COMPLAINTS, NOTIFICATIONS OF SUMMONS AND SUCCESSFUL PROSECUTIONS

- 7.1.1 One (1) air-and-odour-related complaint was received on 24 February 2014 and followed up by the Environmental Team in February 2014.
- 7.1.2 No notification of summons and successful prosecution was received in the reporting month.
- 7.1.3 The statistics on complaints, notifications of summons and successful prosecutions are summarized in Appendix H.
- 7.1.4 EPD referred an air-and-odour complaint on 24 February 2014. The complainant complained about the construction site located near the bus stop in Fui Sha Wai, Tai Hang, Tai Wo Service Road West. When construction works were carried out, odour, white smoke and dust were generated. The complainant asked for follow-up actions.
- 7.1.5 The investigation and findings, and the recommended mitigation measures of the complaint are annexed in Appendix I.
- 7.1.6 A 24-hour complaint hotline at 6628 8366 has been established for the Project. The hotline number is displayed at the site entrances, fencings and project signboards, as well as printed on publications such as newsletters for the public.

8 COMMENTS, RECOMMENDATIONS AND CONCLUSIONS

8.1 Comments

8.1.1 According to the environmental site inspections performed in the reporting quarter, the following comments are made to the Contractor for precautionary and rectification purposes:

Air Quality Impact

All vehicles should be washed to remove any dusty materials before leaving the site.

- Wheel washing facilities should be properly maintained to ensure properly functioning.
- Open stockpiles should be covered.

Construction Noise Impact

Noisy operations should be oriented to a direction away from sensitive receivers as far as possible.

Water Quality Impact

Stagnant water accumulated should be removed.

Chemical and Waste Management

- Empty chemical containers should be cleared and disposed of as chemical wastes.
- Drip trays should be provided to chemical containers.
- · Chemicals should be labeled.

Landscape and Visual Impact

Nil.

8.2 Recommendations

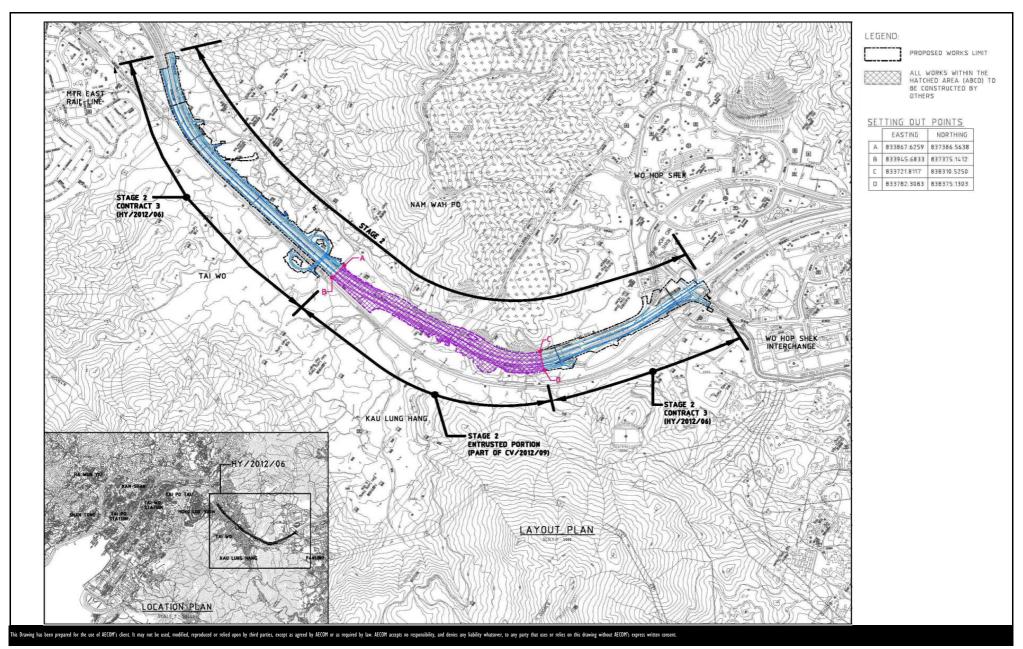
- 8.2.1 The impact air quality and noise monitoring programme ensures that any deterioration in environmental condition is readily detected and timely actions are taken to rectify any non-compliances. Assessment and analysis of monitoring results collected demonstrated the environmental acceptability of the Project. The weekly environmental site inspections ensure that all the environmental mitigation measures recommended in the ERR are effectively implemented.
- 8.2.2 The EM&A programme effectively monitored the environmental impacts from the construction activities and no particular recommendations were advised for the improvement of the programme.

8.3 Conclusions

- 8.3.1 All 1-hour and 24-hour TSP monitoring results complied with the Action / Limit Levels in the reporting quarter. No Action and Limit Level exceedances for construction noise were recorded at all monitoring stations in the reporting quarter.
- 8.3.2 One (1) air-and-odour-related complaint was received, and no notification of summons and successful prosecution was received in the reporting month.

AECOM Asia Co. Ltd. 7 May 2014

FIGURES



CONTRACT NO. HY/2012/06

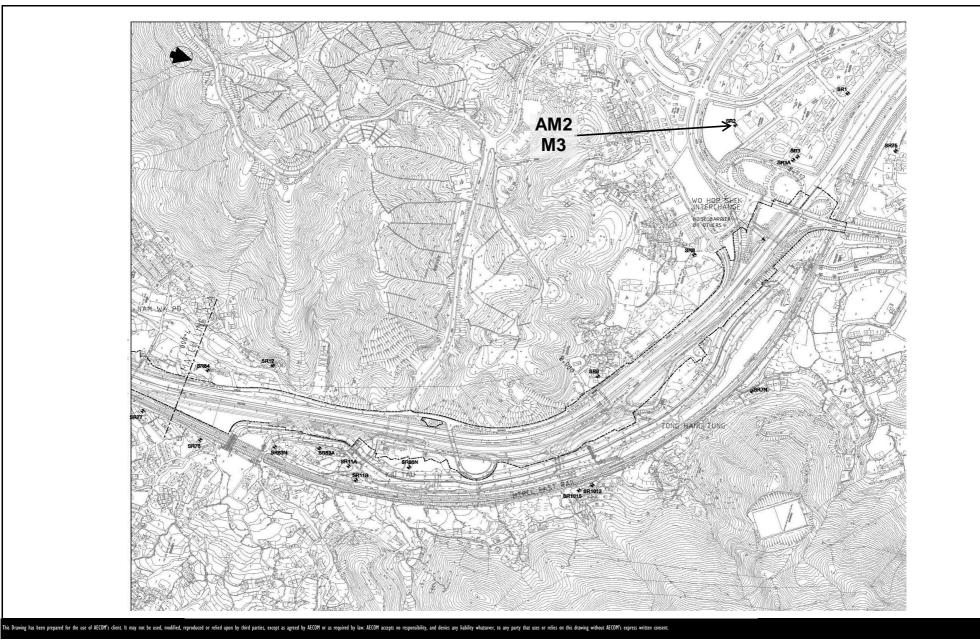
WIDENING OF FANLING HIGHWAY

- TAI HANG TO WO HOP SHEK INTERCHANGE

AECOM

Layout Plan

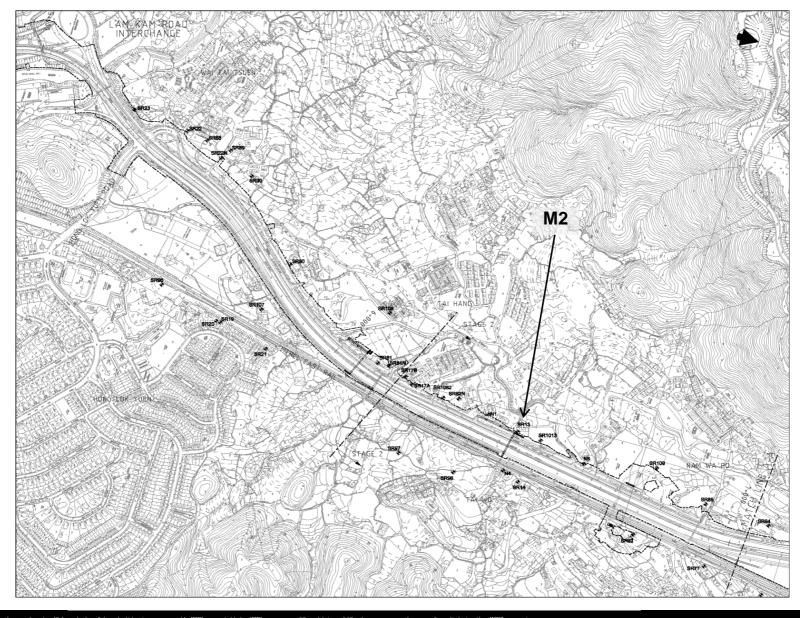
Date: Dec 2013 Figure 1.1



CONTRACT NO. HY/2012/06
WIDENING OF FANLING HIGHWAY

- TAI HANG TO WO HOP SHEK INTERCHANGE





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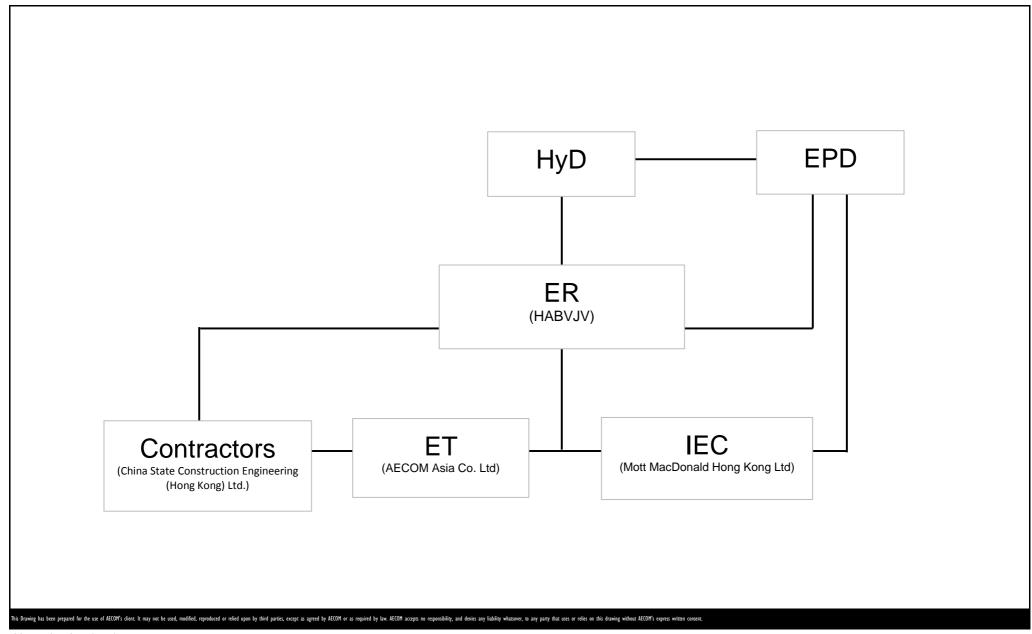
CONTRACT NO. HY/2012/06
WIDENING OF FANLING HIGHWAY

- TAI HANG TO WO HOP SHEK INTERCHANGE



Date: Dec 2013 Figure 1.2b

APPENDIX A PROJECT ORGANIZATION STRUCTURE



CONTRACT NO. HY/2012/06

WIDENING OF FANLING HIGHWAY

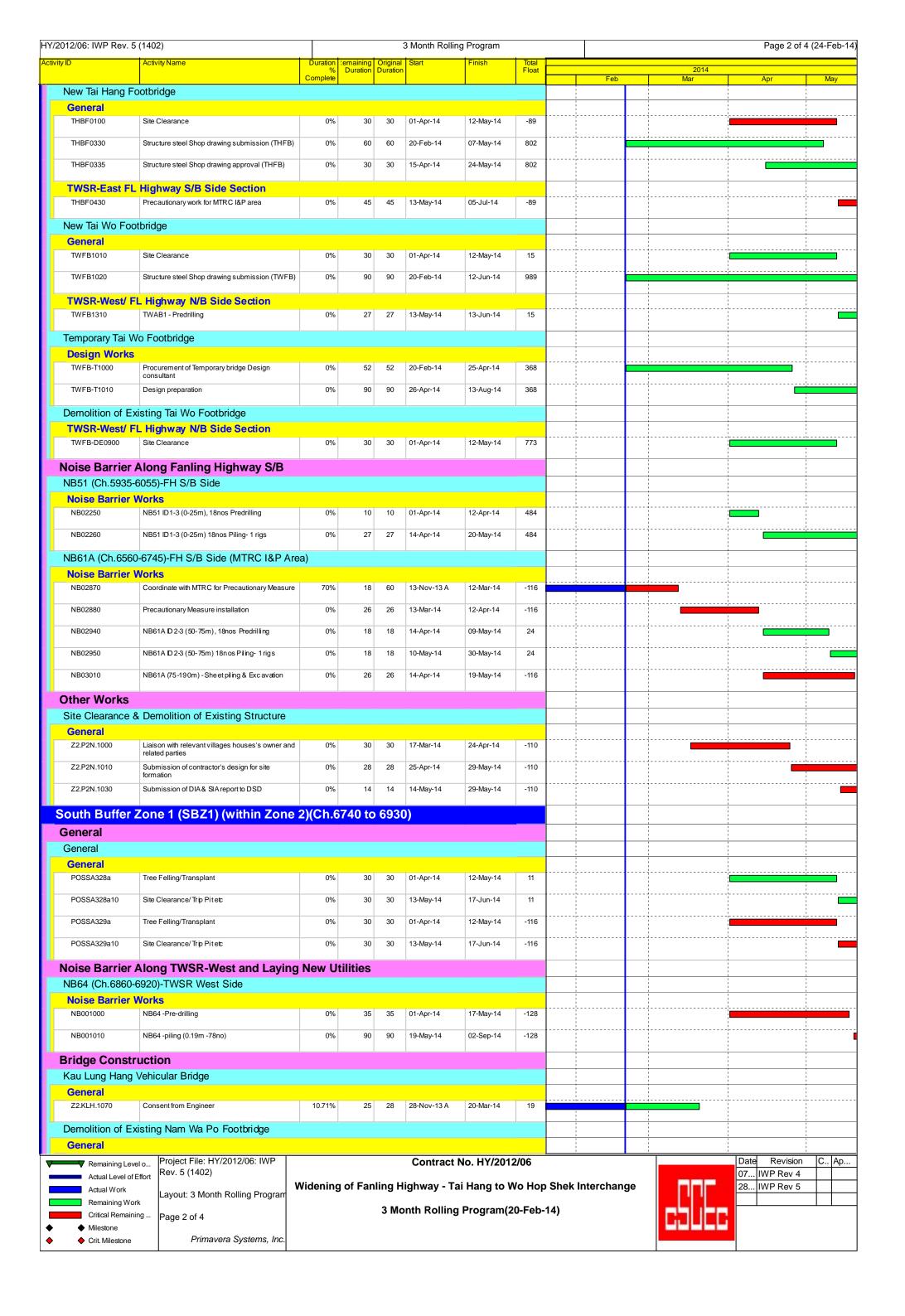
- TAI HANG TO WO HOP SHEK INTERCHANGE

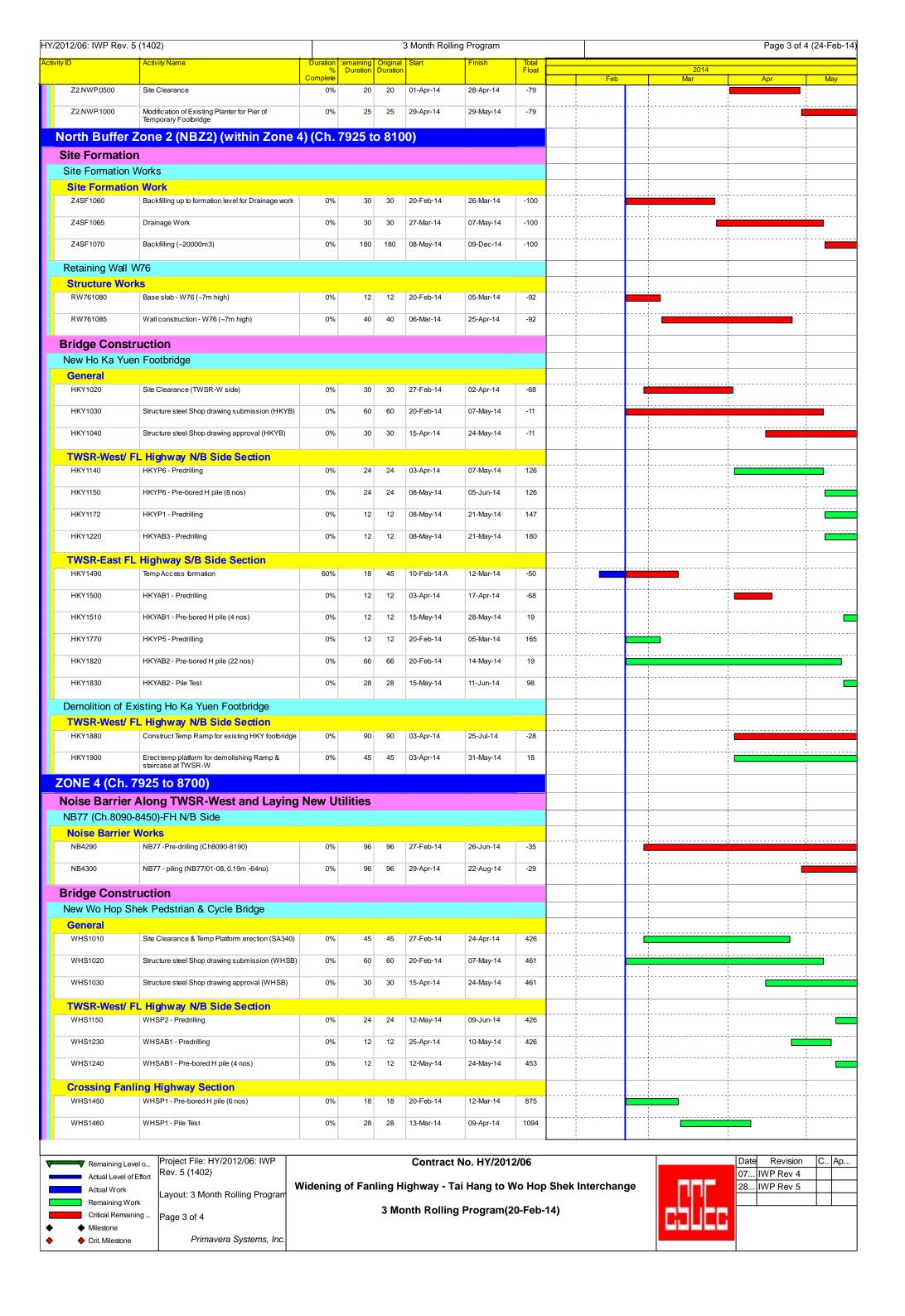


Project No.: 60307376 Date: Dec 2013 Appendix A

APPENDIX B CONSTRUCTION PROGRAMMES

2012/06: IWP Rev. 5	5 (1402)			;	3 Month Rolli	ng Program					Page 1 of 4 (24-Feb
ity ID	Activity Name	Duration % Complete	lemaining Duration	Original Duration	Start	Finish	Total Float		T-L	2014	
Contract Con	ndition	Complete							Feb	Mar	Apr May
General										1	
Contract Condit	tion									1	
Contract Cond				1							
POSSA320	Site Are a S A320 (0d)	0%	0	0	01-Apr-14*		0				♦ Site Are a S A320 (0d)
POSSA320A	Site A re a S A320A (120d)	0%	0	0	01-Apr-14*		0				Site A re a S A320A (120d)
POSSA320B	Site Are a S A320B (0d)	0%	0	0	01-Apr-14*		0				Site A re a S A320B (0d)
POSSA322	Site A re a S A322 (120d)	0%	0	0	01-Apr-14*		0				♦ Site Area S A322 (120d)
POSSA324	Site Are a S A324 (180d)	0%	0	0	01-Apr-14*		0				Site Are a S A324 (180d)
POSSA325	Site A re a S A325 (180d)	0%	0	0	01-Apr-14*		0			 	
					·						Site A re a S A325 (180d)
POSSA326	Site A re a S A326 (180d)	0%	0	0	01-Apr-14*		0			1	Site Are a S A326 (180d)
POSSA327	Site A re a S A327 (180d)	0%	0	0	01-Apr-14*		0				Site Are a S A327 (180d)
POSSA328	Site A re a S A328 (90d)	0%	0	0	01-Apr-14*		0				Site A re a S A328 (90d)
POSSA329	Site A re a S A329 (90d)	0%	0	0	01-Apr-14*		0				Site Are a S A329 (90d)
POSSA340	Site Are a S A340 (0d)	0%	0	0	27-Feb-14*		0			∖ Site A re a S A340 (0d)	
POSSA343	Site A re a S A343 (180d)	0%	0	0	27-Feb-14*		0			Site Are a S A343 (180d)	
POSSA343A	Site A re a S A343A (180d)	0%	0		27-Feb-14*		0	ļ		Site A re a S A343A (180d)
POSSA345	Site Are a S A345 (0d)	0%	0	0	28-Feb-14*		0		(Site A re a S A345 (0d)	
ONE 2 (Ch.	5880 to 6930)									1 1 1 1	
Noise Barrier	Along TWSR-West and Laying	New U	tilities								
	& Demolition of Existing Structure									1	
Demolition W Z2.P2N.1242	Pending for design brief from Villager/Engineer	40%	18	30	01-Jan-14A	12-Mar-14	-10			<u> </u>	ļ
Z2.P2N.1245	Method statement submission/approval	0%	60	60	13-Mar-14	28-May-14	-10				1 1 1
<u>. </u>	-5930)-TWSR West Side									1	
DSD Southerr TSZ10250	Trunk Sewer, Water Main Fire Ma Sheet Piling & Excavation(~6m below ground)	in Works	18	18	01-Apr-14	25-Apr-14	-94				
	(along NB47)				·						
TSZ10260	DSD Trunk Sewer laying (along NB 47)	0%	18	18	26-Apr-14	19-May-14	-94				
<u> </u>	-6120)-TWSR West Side									1	
Noise Barrier	Works NB48 - Pre-drilling	0%	27	27	01-Apr-14	08-May-14	9				
	· ·				·						
NB00360	NB48 (NB48/1-5 up to THFB) piling (0.19m -54no)	0%	81	81	09-May-14	13-Aug-14	9			1	_
	5-6235)-TWSR West Side										
Noise Barrier NB00545	Works NB49B - Pre-drilling	0%	22	22	01-Apr-14	30-Apr-14	-21				
NB00550	NB49B piling (0.19m -22no)	0%	33	33	02-May-14	11-Jun-14	-21			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	-6280)-TWSR West Side										
Noise Barrier NB00605	Works NB54 - ID2-1 Pre-drilling	0%	18	18	02-May-14	23-May-14	-6				
	, and the second	0,0			5 <u>2</u>	20 may				1	
NB57 (Ch.6365- Noise Barrier	-6445)-TWSR West Side										
NB00800	NB57 -Pre-drilling	0%	40	40	01-Apr-14	23-May-14	-55				
NR50 (Ch 6400	-6590)-TWSR West Side									1 1 1	
Noise Barrier	•									1 1 1 1 1 1 1	
NB00940	NB59 -Pre-drilling	0%	47	47	01-Apr-14	31-May-14	-42				
NB63 (Ch.6610-	-6700)-TWSR West Side										
Noise Barrier	•										
NB4550	NB63 - ID3-1 piling (0.19m -18no)-1 rigs	0%	27	27	20-Feb-14	22-Mar-14	-31				
	NB63 - ID3-1 Footing & Wall Structure	0%	60	60	24-Mar-14	09-Jun-14	52			-	<u> </u>
NB4560	· ·	1								1	
	1 Trunk Sewer, Water Main Fire Ma	in Works	5					ļ			<u> </u>
	Trunk Sewer, Water Main Fire Ma Sheet Piling & Excavation(~7m below ground)	in Works	21	21	01-Apr-14	29-Apr-14	-38			1	
DSD Southerr	-				01-Apr-14 30-Apr-14	29-Apr-14 22-May-14	-38				
DSD Southern TSZ10300 TSZ10310	Sheet Piling & Excavation(~7m below ground) (along NB63) DSD Trunk Sewer laying (along NB63)	0%	21								
DSD Southern TSZ10300 TSZ10310	Sheet Piling & Excavation(~7m below ground) (along NB63)	0%	21	18							
DSD Southern TSZ10300 TSZ10310 DSD Southern TSZ10950	Sheet Piling & Excavation(~7m below ground) (along NB63) DSD Trunk Sewer bying (along NB63) Trunk Sewer - Trenchless Constr Construct Pipe jacking pits	0% 0% uction	21 18	18	30-Apr-14	22-May-14	-38				
DSD Southern TSZ10300 TSZ10310 DSD Southern TSZ10950	Sheet Piling & Excavation(~7m below ground) (along NB63) DSD Trunk Sewer bying (along NB63) Trunk Sewer - Trenchless Constr Construct Pipe jacking pits	0% 0% uction	21 18	18	30-Apr-14	22-May-14	-38				
DSD Southern TSZ10300 TSZ10310 DSD Southern TSZ10950	Sheet Piling & Excavation(~7m below ground) (along NB63) DSD Trunk Sewer bying (along NB63) Trunk Sewer - Trenchless Constr Construct Pipe jacking pits ruction vel o Project File: HY/2012/06: IWP	0% 0% uction	21 18	18	30-Apr-14	22-May-14	-38 175				
DSD Southern TSZ10300 TSZ10310 DSD Southern TSZ10950 Bridge Const	Sheet Piling & Excavation(~7m below ground) (along NB63) DSD Trunk Sewer laying (along NB63) Trunk Sewer - Trenchless Constr Construct Pipe jacking pits ruction vel o FEffort Project File: HY/2012/06: IWP Rev. 5 (1402)	0% 0% uction 0%	18	18	30-Apr-14	22-May-14 12-Jul-14	175	Shak Inter-	phanes		07 IWP Rev 4
DSD Southern TSZ10300 TSZ10310 DSD Southern TSZ10950 Bridge Const	Sheet Piling & Excavation(~7m below ground) (along NB63) DSD Trunk Sewer bying (along NB63) Trunk Sewer - Trenchless Constr Construct Pipe jacking pits ruction Vel o (Effort Rev. 5 (1402) Layout: 3 Month Rolling Program	0% 0% uction 0%	18	18 60 Aling H	30-Apr-14 Contract ighway - T	22-May-14 12-Jul-14 No. HY/201 ai Hang to V	-38 175 2/06 Wo Hop	Shek Interd	change		
DSD Southern TSZ10300 TSZ10310 DSD Southern TSZ10950 Bridge Const	Sheet Piling & Excavation(~7m below ground) (along NB63) DSD Trunk Sewer bying (along NB63) Trunk Sewer - Trenchless Constr Construct Pipe jacking pits ruction Vel o (Effort Rev. 5 (1402) Layout: 3 Month Rolling Program	0% 0% uction 0%	18	18 60 Aling H	30-Apr-14 Contract ighway - T	22-May-14 12-Jul-14	-38 175 2/06 Wo Hop		change		07 IWP Rev 4





ty ID	Activity Name	tivity Name Duration Lemaining Original Start Finish		Finich	Total							
y ID	Activity Name	%	Duration	Duration	Start	FIIIISII	Float	2014				
		Complete						Fe	b	Mar	Apr	Ma
WHS1470	WHSP1 - Pile cap, Pier and Pier Head	0%	52	52	10-Apr-14	16-Jun-14	875					
TWSR-East	FL Highway S/B Side Section	11			1						1	
WHS2045	Temp footbridge construction for pedestrian diversion	0%	40	40	27-Feb-14	15-Apr-14	-111	 		1		
WHS2050	North Abu ment Wall (AW1) - Predrilling	0%	12	12	16-Apr-14	03-May-14	-111	 		 		!
WHS2060	North Abu ment Wall (AW1) - Pre-bored H pile (4 nos)	0%	16	16	05-May-14	23-May-14	-111					
anling Hig	hway Construction		,									
Drainage & R	oad Works											1
TWSR-East	FL Highway S/B Side Section									1		1
RDZ41004	Site Clearance & Tree Fe ling	0%	70	70	27-Feb-14	26-May-14	-104					
Other Work	s				1							
Retaining Wa	II W77A											
TWSR-East	FL Highway S/B Side Section											
RWZ4.1050	Site Clearance	0%	30	30	27-Feb-14	02-Apr-14	-43	 				
RWZ4.1060	Base slab & Wall (0-3m high)- RW77A (Ch.50-130)	0%	60	60	03-Apr-14	19-Jun-14	-43	 		!		!
Retaining Wa	II W77B											
TWSR-East	FL Highway S/B Side Section											-
RWZ4.1092	Site Clearance	0%	30	30	03-Apr-14	14-May-14	62	 		1		
Retaining Wa	II W78	<u> </u>						1			1	1
TWSR-East	FL Highway S/B Side Section											
RWZ4.0900	Site Clearance	0%	30	30	15-May-14	19-Jun-14	92	!				
TCSS Works								1		1		1
TCSS Pre-C	Construction Works							1		1		1
TCSS0100	Acquire Design Criteria from Drawing & procurement	0%	180	180	20-Feb-14	27-Sep-14	582			1	1	

Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...

Milestone
Crit Milestone

Project File: HY/2012/06: IWP Rev. 5 (1402)

Layout: 3 Month Rolling Program
Page 4 of 4

Primavera Systems, Inc.

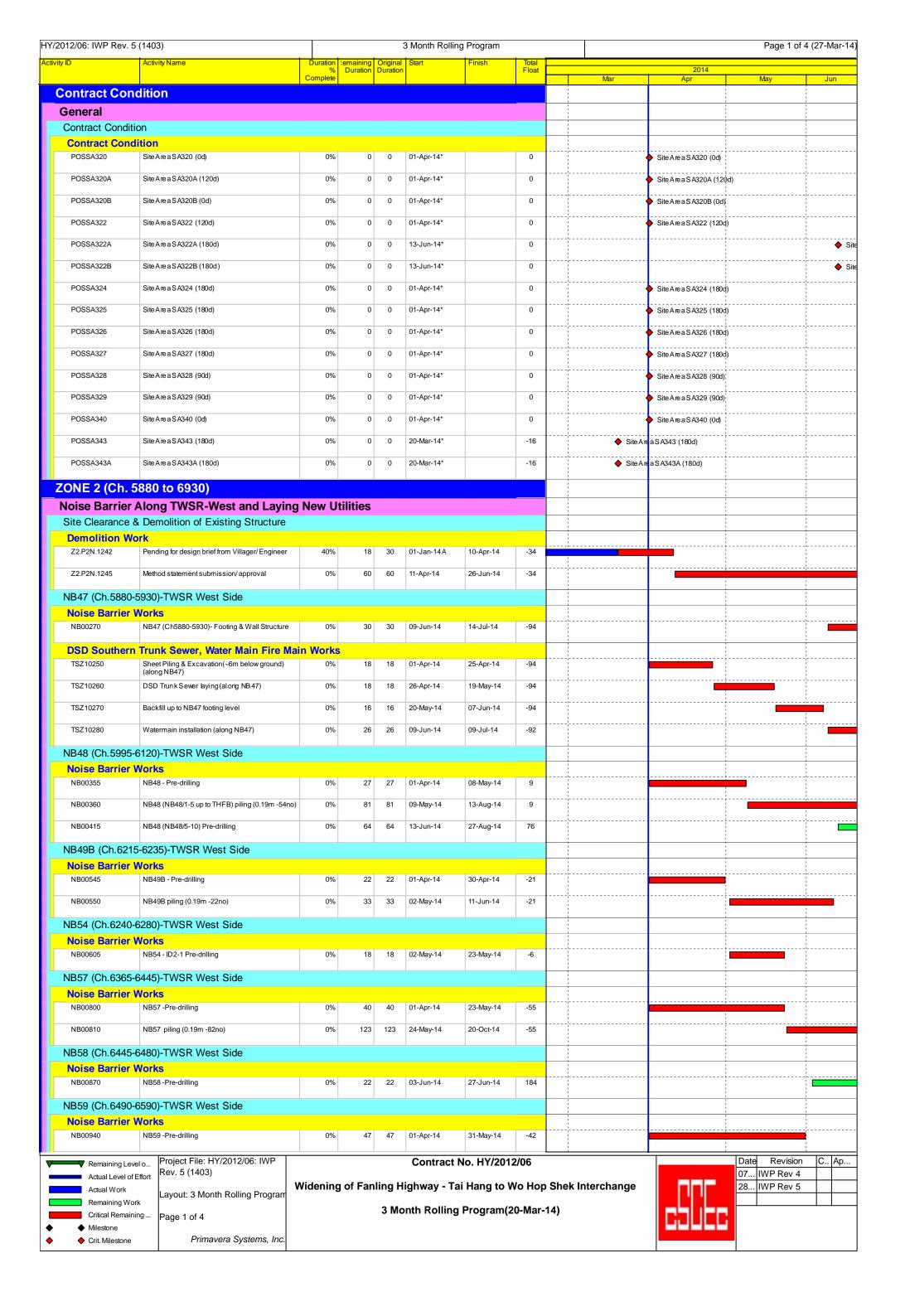
Contract No. HY/2012/06

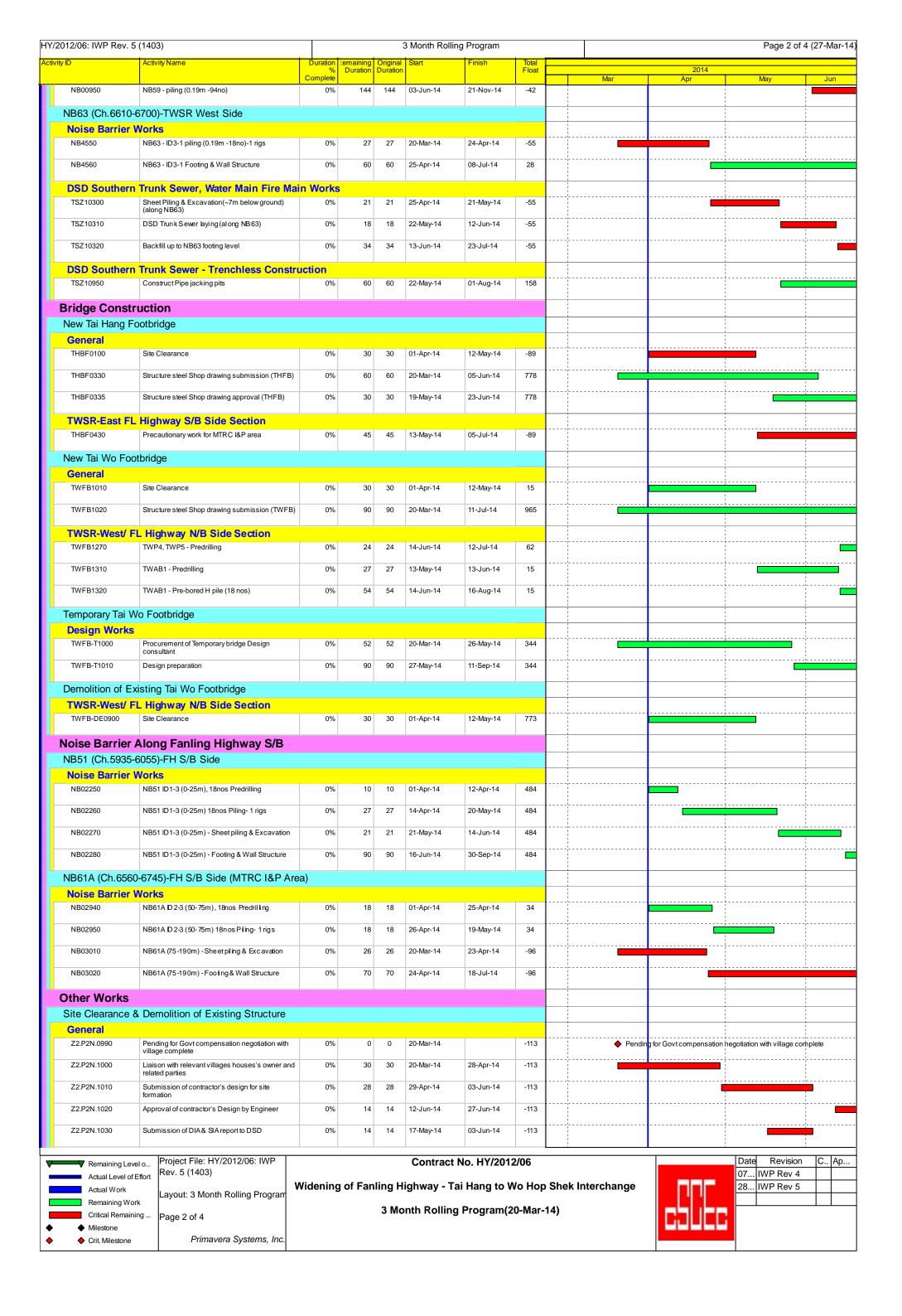
Widening of Fanling Highway - Tai Hang to Wo Hop Shek Interchange

3 Month Rolling Program(20-Feb-14)



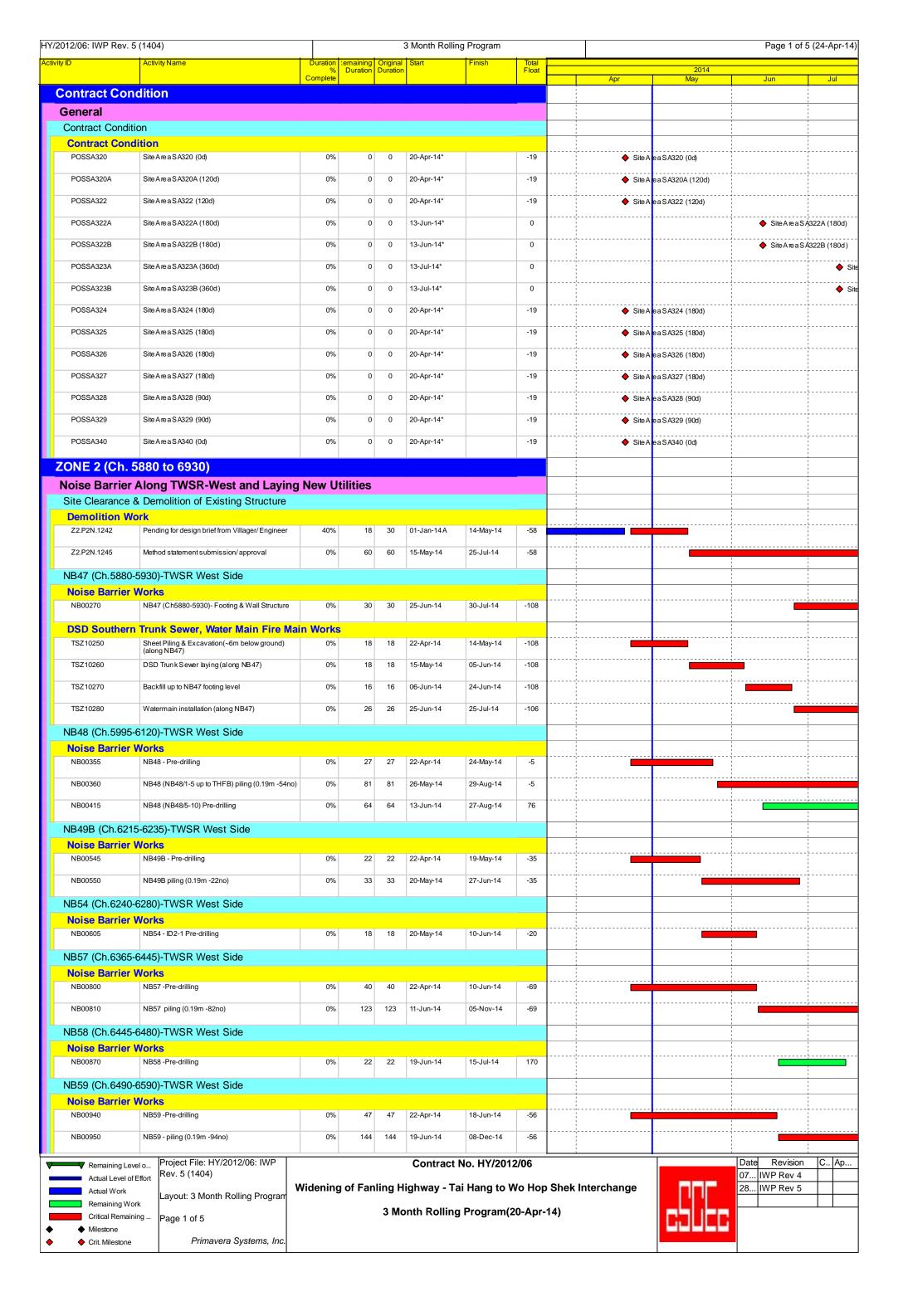
Į	Date	Revision	C	Ар
(70	IWP Rev 4		
2	28	IWP Rev 5		



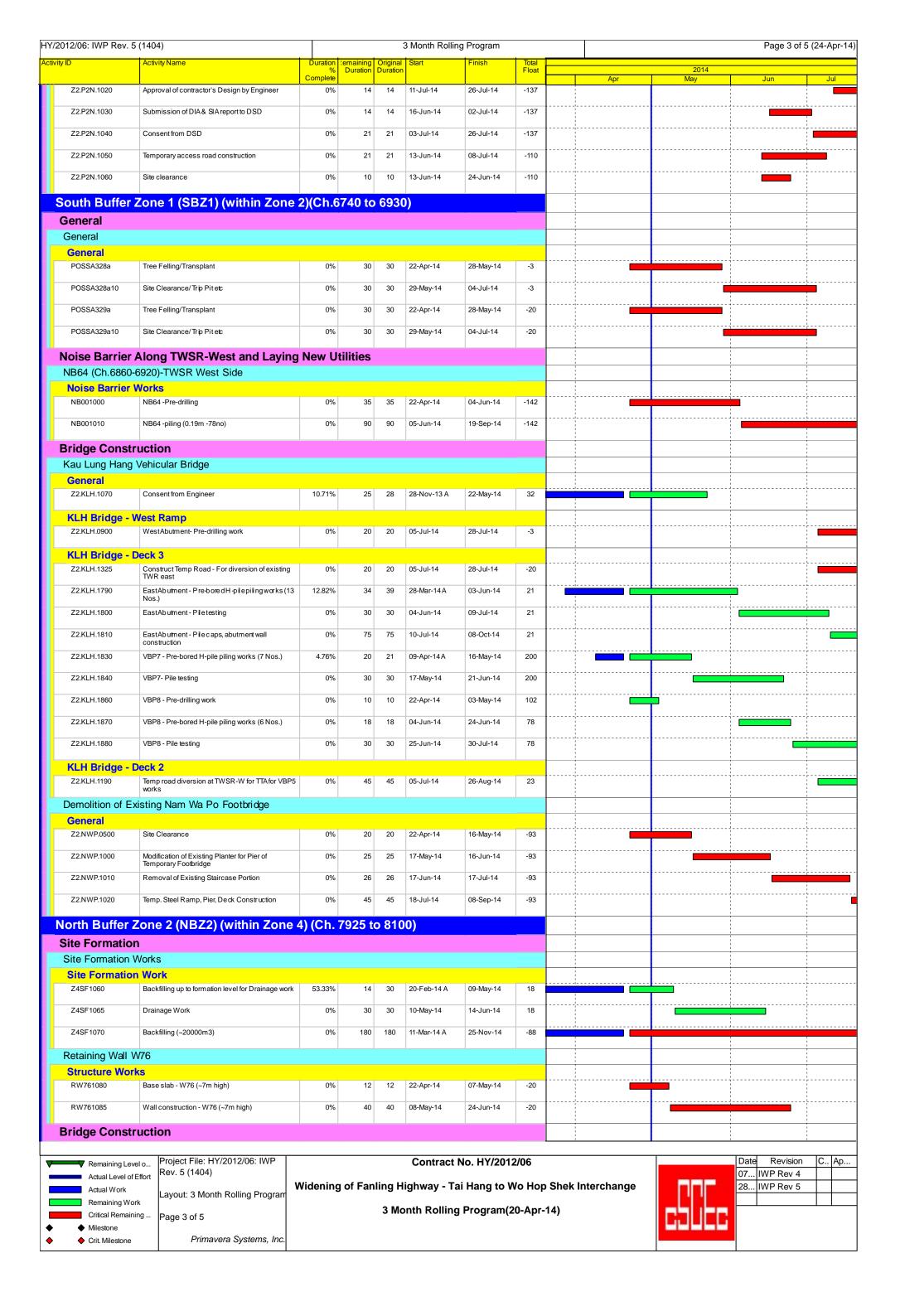


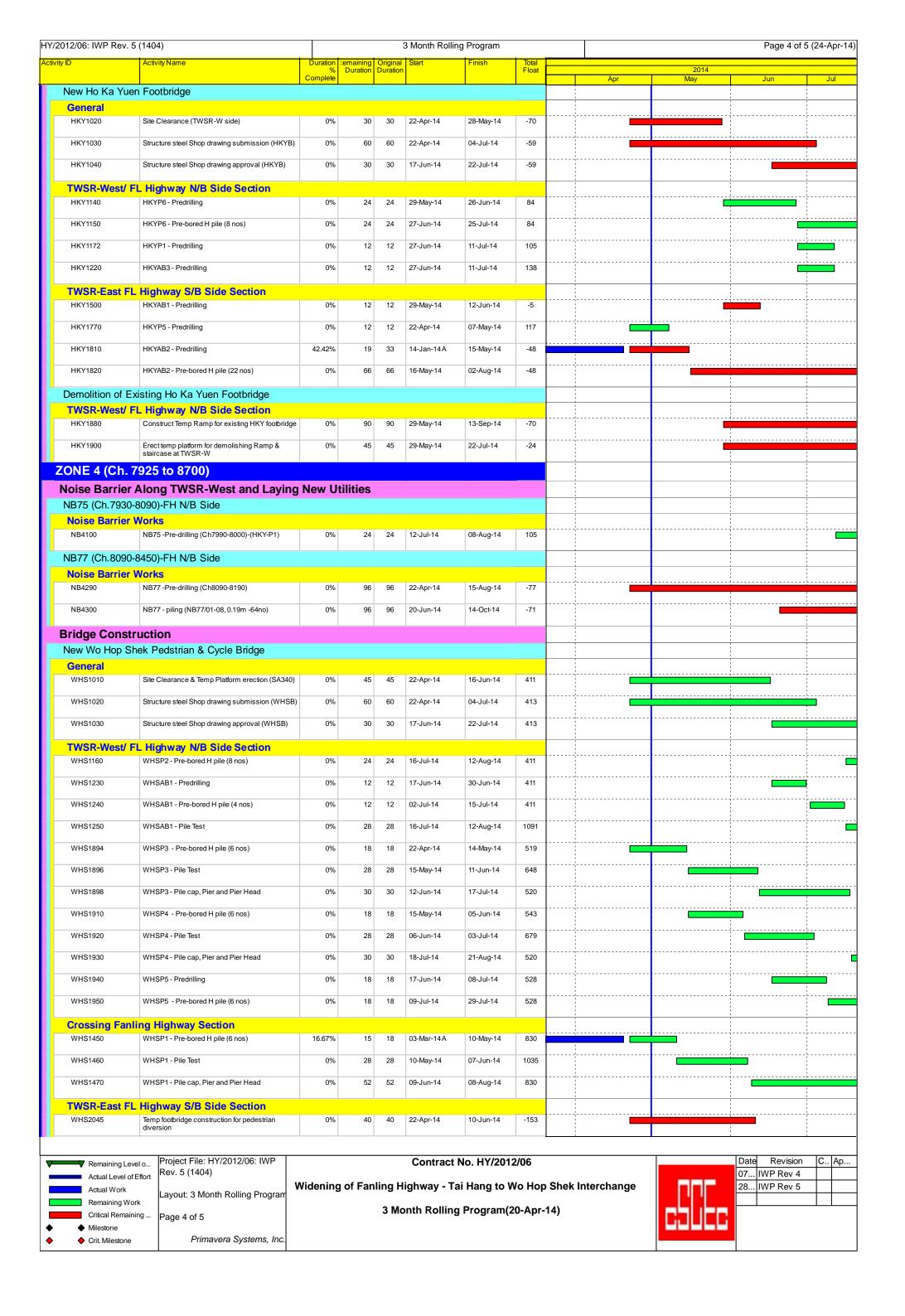
2012/06: IWP Rev. 5		Durotia	omaini		3 Month Rol		Total
vity ID	Activity Name	Duration % Complete		Original Duration		Finish	Total Float
Z2.P2N.1040	Consent from DSD	0%	21	21	04-Jun-14	27-Jun-14	-113
Z2.P2N.1050	Temporary access road construction	0%	21	21	13-Jun-14	08-Jul-14	-110
Z2.P2N.1060	Site clearance	0%	10	10	13-Jun-14	24-Jun-14	-110
outh Buffer	Zone 1 (SBZ1) (within Zone	2)(Ch.67	740 to	693	0)		
General							
General							
General POSSA328a	Tree Felling/Transplant	0%	30	30	01-Apr-14	12-May-14	11
POSSA328a10	Site Clearance/Trip Pit etc	0%	30	30	13-May-14	17-Jun-14	11
	·						
POSSA329a	Tree Felling/Transplant	0%	30	30	01-Apr-14	12-May-14	-116
POSSA329a10	Site Clearance/Trip Pit etc	0%	30	30	13-May-14	17-Jun-14	-116
	Along TWSR-West and Laying	New Uti	ilities				
NB64 (Ch.6860-	6920)-TWSR West Side						
NB001000	NB64 -Pre-drilling	0%	35	35	01-Apr-14	17-May-14	-128
NB001010	NB64 -piling (0.19m -78no)	0%	90	90	19-May-14	02-Sep-14	-128
Bridge Const							
Bridge Constr Kau Lung Hang	Vehicular Bridge						
General							
Z2.KLH.1070	Consent from Engineer	10.71%	25	28	28-Nov-13 A	22-Apr-14	-5
KLH Bridge - V	-						
Z2.KLH.0900	WestAbutment- Pre-drilling work	0%	20	20	18-Jun-14	11-Jul-14	11
KLH Bridge - D					1.0:		
Z2.KLH.1325	Construct Temp Road - For diversion of existing TWR east	0%	20	20	18-Jun-14	11-Jul-14	-116
KLH Bridge - D		201)	15	40.1	00.4	0-
Z2.KLH.1190	Temp road diversion at TWSR-W for TTA for VBP5 works	0%	45	45	18-Jun-14	09-Aug-14	37
	kisting Nam Wa Po Footbridge						
General Z2.NWP.0500	Site Clearance	0%	20	20	01-Apr-14	28-Apr-14	-79
Z2.NWP.1000	Modification of Existing Planter for Pier of	0%	25	25	29-Apr-14	29-May-14	-79
	Temporary Footbridge						
Z2.NWP.1010	Removal of Existing Staircase Portion	0%	26	26	30-May-14	30-Jun-14	-79
	Zone 2 (NBZ2) (within Zone	4) (Ch. 7	'925 to	810	00)		
Site Formation							
Site Formation V							
Z4SF1060	Backfilling up to formation level for Drainage work	53.33%	14	30	20-Feb-14 A	04-Apr-14	-108
Z4SF1065	Drainage Work	0%	30	30	07-Apr-14	16-May-14	-108
Z4SF1070	Backfilling (~20000m3)	0%	180	180	17-May-14	18-Dec-14	-108
		0,0	100	100	17 May 14	10 200 14	100
Retaining Wall V Structure Worl							
RW761080	Base slab - W76 (~7m high)	0%	12	12	20-Mar-14	02-Apr-14	4
RW761085	Wall construction - W76 (~7m high)	0%	40	40	03-Apr-14	26-May-14	4
Bridge Const							
Bridge Constr New Ho Ka Yuer							
General							
HKY1020	Site Clearance (TWSR-W side)	0%	30	30	01-Apr-14	12-May-14	-96
HKY1030	Structure steel Shop drawing submission (HKYB)	0%	60	60	20-Mar-14	05-Jun-14	-35
HKY1040	Structure steel Shop drawing approval (HKYB)	0%	30	30	19-May-14	23-Jun-14	-35
TWSR-West/ F	L Highway N/B Side Section						
HKY1140	HKYP6 - Predrilling	0%	24	24	13-May-14	10-Jun-14	98
HKY1150	HKYP6 - Pre-bored H pile (8 nos)	0%	24	24	11-Jun-14	09-Jul-14	98
HKY1172	HKYP1 - Predrilling	0%	12	12	11-Jun-14	24-Jun-14	119
HKY1220	HKYAB3 - Predrilling	0%	12	12	11-Jun-14	24-Jun-14	152
TWSR-East FL	. Highway S/B Side Section HKYAB1 - Predrilling	0%	12	12	13-May-14	26-May-14	-96
	, and the second						
	Project File: HY/2012/06: IWP				Contrac	t No. HY/201	2/06
Remaining Level of E	Effort Rev. 5 (1403)						
Actual Work	Layout: 3 Month Rolling Program	Widening	of Fan	ling H	lighway -	Tai Hang to V	Vo Hop
Remaining Wor Critical Remaini	rk			3 Mc	onth Rollir	ng Program(2	20-Mar-
◆ Milestone	1 age 5 51 4						
◆ Crit. Milestone	Primavera Systems, Inc.						

HY/2012/06: IWP Re	v. 5 (1403)				3 Month Rolli	ng Program				Page 4 of 4 (27-Mar-		
Activity ID	Activity Name	%	temaining Duration	Original Duration	Start	Finish	Total Float			2014		
HKY1510	HKYAB1 - Pre-bored H pile (4 nos)	Complete 0%	12	12	13-Jun-14	26-Jun-14	-5		Mar	Apr	May	Jun
									<u></u>			
HKY1770	HKYP5 - Predrilling	0%	12	12	20-Mar-14	02-Apr-14	141			T	1	1 1 1 1
HKY1820	HKYAB2 - Pre-bored H pile (22 nos)	0%	66	66	20-Mar-14	12-Jun-14	-5					!
HKY1830	HKYAB2 - Pile Test	0%	28	28	13-Jun-14	10-Jul-14	69					-
Demolition of	Existing Ho Ka Yuen Footbridge										1	1
	/ FL Highway N/B Side Section											
HKY1880	Construct Temp Ramp for existing HKY footbridge	0%	90	90	13-May-14	27-Aug-14	-56					-
HKY1900	Erect temp platform for demolishing Ramp &	0%	45	45	13-May-14	05-Jul-14	-10					ļ -
711(11300	staircase at TWSR-W	0,0	-10	-10	10 May 14	00 0 01 14					1	
	n. 7925 to 8700)											
	er Along TWSR-West and Laying	New Ut	tilities								1	1 1 1
	90-8450)-FH N/B Side										1	1
Noise Barrio	er Works NB77 -Pre-drilling (Ch8090-8190)	00/	06	06	01 Apr 14	20 Jul 14	62	ļ				ļ
NB4290		0%	96	96	01-Apr-14	30-Jul-14	-63					1
NB4300	NB77 - piling (NB77/01-08, 0.19m -64no)	0%	96	96	04-Jun-14	25-Sep-14	-57				1 1 1	
Bridge Con	struction										1	1
	Shek Pedstrian & Cycle Bridge											
General											1	1
WHS1010	Site Clearance & Temp Platform erection (SA340)	0%	45	45	01-Apr-14	29-May-14	398				1	
WHS1020	Structure steel Shop drawing submission (WHSB)) 0%	60	60	20-Mar-14	05-Jun-14	437				1	
WHS1030	Structure steel Shop drawing approval (WHSB)	0%	30	30	19-May-14	23-Jun-14	437					
		0%	30	50	.5 May-14	20 Juil-14	101					1
	t/ FL Highway N/B Side Section				44.1 ::	40.1.1.1	0.5-	ļ				
WHS1150	WHSP2 - Predrilling	0%	24	24	14-Jun-14	12-Jul-14	398					
WHS1230	WHSAB1 - Predrilling	0%	12	12	30-May-14	13-Jun-14	398				[
WHS1240	WHSAB1 - Pre-bored H pile (4 nos)	0%	12	12	14-Jun-14	27-Jun-14	425					
Crossing Fr	anling Highway Section				<u> </u>						1	: : : :
WHS1450	WHSP1 - Pre-bored H pile (6 nos)	0%	32	18	03-Mar-14A	30-Apr-14	837					<u>-</u>
N/I I D4 400	WILIODA Dile Test	00/	20	00	04 Marrida	00 May 44	4045					
WHS1460	WHSP1 - Pile Test	0%	28	28	01-May-14	28-May-14	1045					
WHS1470	WHSP1 - Pile cap, Pier and Pier Head	0%	52	52	29-May-14	30-Jul-14	838					1
TWSR-East	FL Highway S/B Side Section										1	1 1 1
WHS2045	Temp footbridge construction for pedestrian diversion	0%	40	40	01-Apr-14	23-May-14	-139					
WHS2050	North Abutment Wall (AW1) - Predrilling	0%	12	12	24-May-14	07-Jun-14	-139					<u>-</u>
WHS2060	North Abutment Wall (AW1) - Pre-bored H pile (4	0%	16	16	09-Jun-14	26-Jun-14	-139					
WIIGZOOO	nos)	076	10	10	00 0011 14	20 3411-14	133					
	hway Construction										1	
Drainage & R											1	1 1 1
RDZ41004	FL Highway S/B Side Section Site Clearance & Tree Fe ling	0%	70	70	01-Apr-14	28-Jun-14	-132					
	•				0.74	20 0 0 11 1 1	.02					1
Other Work											1	: : : : :
Retaining Wa											1	1
RWZ4.1050	FL Highway S/B Side Section Site Clearance	0%	30	30	01-Apr-14	12-May-14	-71					ļ
<u> </u>											<u> </u>	<u> </u>
RWZ4.1060	Base slab & Wall (0-3m high)- RW77A (Ch.50-130)	0%	60	60	13-May-14	23-Jul-14	-71					!
Retaining Wa												1
	FL Highway S/B Side Section				Lesi	1 -= :						 -
RWZ4.1092	Site Clearance	0%	30	30	13-May-14	17-Jun-14	34					
Retaining Wa	W78											1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	FL Highway S/B Side Section										<u> </u>	<u></u>
RWZ4.0900	Site Clearance	0%	30	30	18-Jun-14	23-Jul-14	64					-
TCSS Works												1
	Construction Works											
TCSS0100	Acquire Design Criteria from Drawing & procurement	0%	180	180	20-Mar-14	28-Oct-14	558				!	1
	Desired File LIV/0040/00 BAID				•	N. 107700:	0/00				Detal D	
Remaining Actual Leve	Dov. E (1402)				Contract	No. HY/201	2/06				Date Revision 07 IWP Rev 4	C Ap
Actual Level	el di Ellott	Widening	of Fan	ling H	lighway - T	ai Hang to V	Vo Hop	Shek	Interchange	FIFE	28 IWP Rev 5	
Remaining	Work Layout: 3 Month Rolling Program			3 Ma	onth Rollin	g Program(2	0-Mar-	14)				
Critical Ren ♦ Milestone	Page 4 of 4			O IVIC		y i iogralli(2	.v ividi =	• • • •			H	
♦ Crit. Milesto	one Primavera Systems, Inc.									THE SHOP SHO		
	i											



ID									Page 2 of 5 (24-			
	Activity Name	Duration % Complete	lemaining Duration	Original Duration	Start	Finish	Total Float		\nr	2014 May	lun	l lui
NB63 (Ch.6610-	6700)-TWSR West Side	Complete						<u> </u>	Apr	May	Jun	Jul
Noise Barrier \	-										1	1
NB4550	NB63 - ID3-1 piling (0.19m -18no)-1 rigs	0%	27	27	22-Apr-14	24-May-14	-79					
NB4560	NB63 - ID3-1 Footing & Wall Structure	0%	60	60	26-May-14	05-Aug-14	4					<u>-</u>
	-							 			1	
_	Trunk Sewer, Water Main Fire Mai			0.4	00.14	10.1.11	70				<u> </u>	
TSZ10300	Sheet Piling & Excavation(~7m below ground) (along NB63)	0%	21	21	26-May-14	19-Jun-14	-79			_	-	
TSZ10310	DSD Trunk Sewer laying (along NB 63)	0%	18	18	20-Jun-14	11-Jul-14	-79					
TSZ10320	Backfill up to NB63 footing level	0%	34	34	12-Jul-14	20-Aug-14	-79				. .	
								1			1	1
	Trunk Sewer - Trenchless Constru		00	00	00 lun 44	00 Av. 44	404				<u></u> -	¦
TSZ10950	Construct Pipe jacking pits	0%	60	60	20-Jun-14	29-Aug-14	134					į
ridge Constr	ruction										1	1
New Tai Hang Fo	ootbridge							1			1	1
General												
THBF0100	Site Clearance	0%	30	30	22-Apr-14	28-May-14	-103					
THBF0330	Structure steel Shop drawing submission (THFB)	0%	60	60	22-Apr-14	04-Jul-14	754					
TUDE0335	Structure atool Shop drawing approval (TUEP)	09/	20	20	17 Jun 14	22 Jul 14	754				·	
THBF0335	Structure steel Shop drawing approval (THFB)	0%	30	30	17-Jun-14	22-Jul-14	754	; ; ;				1
	. Highway S/B Side Section											1
THBF0430	Precautionary work for MTRC I&P area	0%	45	45	29-May-14	22-Jul-14	-103	!				1
lew Tai Wo Foo	otbridge				J							
General								: !				
TWFB1010	Site Clearance	0%	30	30	22-Apr-14	28-May-14	1	 			1	-
TWFB1020	Structure steel Shop drawing submission (TWFB)	0%	90	90	22-Apr-14	08-Aug-14	941					
		0 /6	30			55 / Mg 14	3-1	1 1 1				
	L Highway N/B Side Section				l an e e	l == :						
TWFB1270	TWP4, TWP5 - Predrilling	0%	24	24	02-Jul-14	29-Jul-14	48					
TWFB1310	TWAB1 - Predrilling	0%	27	27	29-May-14	30-Jun-14	1			ı	1	•
TWFB1320	TWAB1 - Pre-bored H pile (18 nos)	0%	54	54	02-Jul-14	02-Sep-14	1					
	. ` ` '							1				
emporary Tai W	_											
Design Works		201	=0				222		<u></u>		<u> </u>	
TWFB-T1000	Procurement of Temporary bridge Design consultant	0%	52	52	22-Apr-14	24-Jun-14	320				1	
											The second secon	
TWFB-T1010	Design preparation	0%	90	90	25-Jun-14	11-Oct-14	320					
		0%	90	90	25-Jun-14	11-Oct-14	320					
Demolition of Ex	xisting Tai Wo Footbridge	0%	90	90	25-Jun-14	11-Oct-14	320					
Demolition of Ex		0%	90	90	25-Jun-14 22-Apr-14	11-Oct-14	759					
Demolition of Ex TWSR-West/ F TWFB-DE0900	xisting Tai Wo Footbridge L Highway N/B Side Section Site Clearance											
Demolition of ExTWSR-West/ F TWFB-DE0900	xisting Tai Wo Footbridge L Highway N/B Side Section Site Clearance Along Fanling Highway S/B											
Demolition of Ex TWSR-West/ F TWFB-DE0900 oise Barrier A NB51 (Ch.5935-	xisting Tai Wo Footbridge L Highway N/B Side Section Site Clearance Along Fanling Highway S/B 6055)-FH S/B Side											
Demolition of Ex TWSR-West/ F TWFB-DE0900 oise Barrier A NB51 (Ch.5935-	xisting Tai Wo Footbridge L Highway N/B Side Section Site Clearance Along Fanling Highway S/B 6055)-FH S/B Side Works											
Demolition of Ex TWSR-West/ F TWFB-DE0900 Oise Barrier A NB51 (Ch.5935-I Noise Barrier I NB02250	xisting Tai Wo Footbridge CL Highway N/B Side Section Site Clearance Along Fanling Highway S/B 6055)-FH S/B Side Works NB51 ID1-3 (0-25m), 18nos Predrilling	0%	30	30	22-Apr-14	28-May-14 03-May-14	759					
Demolition of Ex TWSR-West/ F TWFB-DE0900 loise Barrier A NB51 (Ch.5935- Noise Barrier A	xisting Tai Wo Footbridge L Highway N/B Side Section Site Clearance Along Fanling Highway S/B 6055)-FH S/B Side Works	0%	30	30	22-Apr-14	28-May-14	759					
Demolition of Ex TWSR-West/ F TWFB-DE0900 loise Barrier A NB51 (Ch.5935- Noise Barrier N NB02250	xisting Tai Wo Footbridge CL Highway N/B Side Section Site Clearance Along Fanling Highway S/B 6055)-FH S/B Side Works NB51 ID1-3 (0-25m), 18nos Predrilling	0%	30	30	22-Apr-14	28-May-14 03-May-14	759					
Demolition of Ex TWSR-West/ F TWFB-DE0900 loise Barrier A NB51 (Ch.5935-I Noise Barrier A NB02250	xisting Tai Wo Footbridge L Highway N/B Side Section Site Clearance Along Fanling Highway S/B 6055)-FH S/B Side Works NB51 ID1-3 (0-25m), 18nos Predrilling NB51 ID1-3 (0-25m) 18nos Piling-1 rigs	0%	30 10 27	30 10 27	22-Apr-14 22-Apr-14 05-May-14	28-May-14 03-May-14 06-Jun-14	759 470 470					
Demolition of Ex TWSR-West/ F TWFB-DE0900 Oise Barrier A NB51 (Ch.5935- Noise Barrier A NB02250 NB02260 NB02270	xisting Tai Wo Footbridge L Highway N/B Side Section Site Clearance Along Fanling Highway S/B 6055)-FH S/B Side Works NB51 ID1-3 (0-25m), 18nos Predrilling NB51 ID1-3 (0-25m) 18nos Piling-1 rigs NB51 ID1-3 (0-25m) - Sheet piling & Excavation NB51 ID1-3 (0-25m) - Footing & Wall Structure	0% 0% 0% 0%	10 27 21	30 10 27 21	22-Apr-14 22-Apr-14 05-May-14 07-Jun-14	28-May-14 03-May-14 06-Jun-14 02-Jul-14	470 470 470					
Demolition of Ex TWSR-West/ F TWFB-DE0900 loise Barrier (NB51 (Ch.5935-Noise Barrier (NB02250) NB02250 NB02270 NB02280	xisting Tai Wo Footbridge Xisting Tai Wo Footbridge XIL Highway N/B Side Section Site Clearance Along Fanling Highway S/B 6055)-FH S/B Side Works NB51 ID1-3 (0-25m), 18nos Predrilling NB51 ID1-3 (0-25m) 18nos Piling-1 rigs NB51 ID1-3 (0-25m) - Sheet piling & Excavation NB51 ID1-3 (0-25m) - Footing & Wall Structure D-6745)-FH S/B Side (MTRC I&P Are	0% 0% 0% 0%	10 27 21	30 10 27 21	22-Apr-14 22-Apr-14 05-May-14 07-Jun-14	28-May-14 03-May-14 06-Jun-14 02-Jul-14	470 470 470					
Demolition of Ex TWSR-West/ F TWFB-DE0900 TOISE Barrier A NB51 (Ch.5935-Noise Barrier A NB02250 NB02260 NB02270 NB02280 NB61A (Ch.6560 Noise Barrier A	kisting Tai Wo Footbridge L Highway N/B Side Section Site Clearance Along Fanling Highway S/B 6055)-FH S/B Side Works NB51 ID1-3 (0-25m), 18nos Predrilling NB51 ID1-3 (0-25m) 18nos Piling-1 rigs NB51 ID1-3 (0-25m) - Sheet piling & Excavation NB51 ID1-3 (0-25m) - Footing & Wall Structure D-6745)-FH S/B Side (MTRC I&P Are	0% 0% 0% 0%	10 27 21 90	30 10 27 21 90	22-Apr-14 22-Apr-14 05-May-14 07-Jun-14 03-Jul-14	28-May-14 03-May-14 06-Jun-14 02-Jul-14 18-Oct-14	470 470 470 470					
Demolition of Ex TWSR-West/ F TWFB-DE0900 oise Barrier A NB51 (Ch.5935-1 Noise Barrier A NB02250 NB02260 NB02270 NB02280	xisting Tai Wo Footbridge Xisting Tai Wo Footbridge XIL Highway N/B Side Section Site Clearance Along Fanling Highway S/B 6055)-FH S/B Side Works NB51 ID1-3 (0-25m), 18nos Predrilling NB51 ID1-3 (0-25m) 18nos Piling-1 rigs NB51 ID1-3 (0-25m) - Sheet piling & Excavation NB51 ID1-3 (0-25m) - Footing & Wall Structure D-6745)-FH S/B Side (MTRC I&P Are	0% 0% 0% 0%	10 27 21	30 10 27 21	22-Apr-14 22-Apr-14 05-May-14 07-Jun-14	28-May-14 03-May-14 06-Jun-14 02-Jul-14	470 470 470					
Demolition of ExTWSR-West/FTWFB-DE0900 oise Barrier ANB51 (Ch.5935-Noise Barrier NB02250 NB02260 NB02270 NB02280 NB61A (Ch.6560) Noise Barrier NB61A (Ch.6560)	kisting Tai Wo Footbridge L Highway N/B Side Section Site Clearance Along Fanling Highway S/B 6055)-FH S/B Side Works NB51 ID1-3 (0-25m), 18nos Predrilling NB51 ID1-3 (0-25m) 18nos Piling-1 rigs NB51 ID1-3 (0-25m) - Sheet piling & Excavation NB51 ID1-3 (0-25m) - Footing & Wall Structure D-6745)-FH S/B Side (MTRC I&P Are	0% 0% 0% 0%	10 27 21 90	30 10 27 21 90	22-Apr-14 22-Apr-14 05-May-14 07-Jun-14 03-Jul-14	28-May-14 03-May-14 06-Jun-14 02-Jul-14 18-Oct-14	470 470 470 470					
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Demolition of ExTWSR-West/FTWSR-DE0900 Oise Barrier A AB51 (Ch.5935-A Noise Barrier A NB02250 NB02260 NB02270 NB02280	xisting Tai Wo Footbridge Xisting Tai Wo Footbridge XIL Highway N/B Side Section Site Clearance Along Fanling Highway S/B 6055)-FH S/B Side Works NB51 ID1-3 (0-25m), 18nos Predrilling NB51 ID1-3 (0-25m) 18nos Piling-1 rigs NB51 ID1-3 (0-25m) - Sheet piling & Excavation NB51 ID1-3 (0-25m) - Footing & Wall Structure D-6745)-FH S/B Side (MTRC I&P Are Works NB61A D2-3 (50-75m), 18nos Predrilling NB61A D2-3 (50-75m) 18nos Piling-1 rigs NB61A (75-190m) - Sheet piling & Excavation	0% 0% 0% 0% 0% 0% 0%	30 10 27 21 90 18 18 26	30 10 27 21 90 18 18 26	22-Apr-14 22-Apr-14 05-May-14 07-Jun-14 03-Jul-14 22-Apr-14 15-May-14	28-May-14 03-May-14 06-Jun-14 02-Jul-14 18-Oct-14 14-May-14 05-Jun-14 23-May-14	759 470 470 470 470 20 20 -120					
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Demolition of ExTWSR-West/FTWSR-DE0900 Oise Barrier ANB51 (Ch.5935-Noise Barrier ANB02250 NB02250 NB02260 NB02270 NB02280 NB02280 NB010 NB02950 NB02950 NB02950 NB03010 NB03020 Other Works Site Clearance & Contract Condom MCLT1000 Z2.P2N.1280 General	kisting Tai Wo Footbridge L Highway N/B Side Section Site Clearance Along Fanling Highway S/B 6055)-FH S/B Side Works NB51 ID1-3 (0-25m), 18nos Predrilling NB51 ID1-3 (0-25m) 18nos Piling-1 rigs NB51 ID1-3 (0-25m) - Sheet piling & Excavation NB51 ID1-3 (0-25m) - Footing & Wall Structure D-6745)-FH S/B Side (MTRC I&P Are Works NB61A D2-3 (50-75m), 18nos Predrilling NB61A D2-3 (50-75m) 18nos Pring- 1 rigs NB61A (75-190m) - Sheet piling & Excavation NB61A (75-190m) - Footing & Wall Structure & Demolition of Existing Structure lition Engineer Excise Section 3b Option Re-provision of Man Ching Lung Tong	0% 0% 0% 0% 0% 0% 0% 0% 0%	10 27 21 90 18 18 26 70	30 10 27 21 90 18 18 26 70 0 150	22-Apr-14 22-Apr-14 05-May-14 07-Jun-14 03-Jul-14 22-Apr-14 22-Apr-14 24-May-14 14-Jul-14	28-May-14 03-May-14 06-Jun-14 02-Jul-14 18-Oct-14 14-May-14 05-Jun-14 23-May-14 15-Aug-14	759 470 470 470 470 20 20 -120 -120 0 6					
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2012/06: IWP Rev	. 0 (1404)				3 Month Roll	ing Flogram					Page 5	of 5 (24-Ap
ty ID	Activity Name	Duration	Lemaining Duration			Finish	Total Float			2014		
		Complete	Duration	Duration			Float		Apr	May	Jun	Jul
WHS2050	North Abutment Wall (AW1) - Predrilling	0%	12	12	11-Jun-14	24-Jun-14	-153			-		l
WHS2060	NorthAbutment Wall (AW1) - Pre-bored H pile (4 nos)	0%	16	16	25-Jun-14	14-Jul-14	-153					
WHS2070	North Abulment Wall (AW1) - Pile Test	0%	28	28	15-Jul-14	11-Aug-14	896					
WHS2075	North Abu ment Wall (AW1) - Temp Shoring	0%	45	45	15-Jul-14	04-Sep-14	-153				- 	
Slip Road Y	Construction											
Drainage & Ro	oad Works											1
TWSR-East I	FL Highway S/B Side Section							1			1	1
RDZ41000	Construct Slip Rd Y (Ch8250-8370)(SA340) (Z4 TTA-Stage 1)	0%	130	130	17-Jul-14	18-Dec-14	-146					
Fanling High	nway Construction											
Drainage & Ro	oad Works										1	
TWSR-East I	FL Highway S/B Side Section										1	
RDZ41004	Site Clearance & Tree Fe ling	0%	70	70	22-Apr-14	16-Jul-14	-146					
RDZ41005	Construct FH S/B Lane 1,2 (Ch8250-8370)(SA340) (Z4 TTA-Stage 1)	0%	130	130	17-Jul-14	18-Dec-14	-146					
Other Works	3											
Retaining Wall	I W77A											
TWSR-East F	FL Highway S/B Side Section											
RWZ4.1050	Site Clearance	0%	30	30	22-Apr-14	28-May-14	-85					
RWZ4.1060	Base slab & Wall (0-3m high)- RW77A (Ch.50-130)	0%	60	60	29-May-14	08-Aug-14	-85			I		
Retaining Wall	I W77B							 			1	
TWSR-East I	FL Highway S/B Side Section							!				
RWZ4.1092	Site Clearance	0%	30	30	29-May-14	04-Jul-14	20			[!	
Retaining Wall	I W78						1					
TWSR-East I	FL Highway S/B Side Section											!
RWZ4.0900	Site Clearance	0%	30	30	05-Jul-14	08-Aug-14	50					
TCSS Works	<u> </u>						1				 	1 1 1 1
	onstruction Works							1			1	1
TCSS0100	Acquire Design Criteria from Drawing & procurement	0%	180	180	22-Apr-14	25-Nov-14	534					
	procurement											

Remaining Level o...
Actual Level of Effort
Actual Work
Remaining Work
Critical Remaining ...

Milestone
Crit. Milestone

Project File: HY/2012/06: IWP Rev. 5 (1404)

Layout: 3 Month Rolling Program
Page 5 of 5

Primavera Systems, Inc.

Contract No. HY/2012/06

Widening of Fanling Highway - Tai Hang to Wo Hop Shek Interchange

3 Month Rolling Program(20-Apr-14)



Date	Revision	C	Ар
07	IWP Rev 4		
28	IWP Rev 5		

APPENDIX C
IMPLEMENTATION SCHEDULE OF
ENVIRONMENTAL MITIGATION MEASURES
(EMIS)

Appendix C - Implementation Schedule of Environmental Mitigation Measures (EMIS)

Air Quality - Schedule of Recommended Mitigation Measures

Impact	Mitigation Measures	Timing	Impleme	entation	Status
			Feb 14	Mar 14	Apr 14
Air Quality during construction	Restricting heights from which materials are dropped, as far as practicable to minimize the fugitive dust arising from unloading/loading.	During construction	V	V	V
	All stockpiles of excavated materials or spoil of more than 50m ³ shall be enclosed, covered or dampened during dry or windy conditions.		V	V	@
	Effective water sprays shall be used to control potential dust emission sources such as unpaved haul roads and active construction areas.		V	V	@
	All spraying of materials and surfaces shall avoid excessive water usage.		V	V	V
	Vehicles that have the potential to create dust while transporting materials shall be covered, with the cover properly secured and extended over the edges of the side and tail boards.		V	V	V
	Materials shall be dampened, if necessary, before transportation.		V	V	V
	Travelling speeds shall be controlled to reduce traffic induced dust dispersion and re-suspension within the site from the operating haul trucks.		V	V	V
	Vehicle washing facilities shall be provided to minimize the quantity of material deposited on public roads.		V	V	@

Noise – Schedule of Recommended Mitigation Measures

Impact	Mitigation Measures	Timing	Impleme	entation S	tatus
•			Feb 14	Mar 14	Apr 14
Noise during construction	Use of silenced plant or plant equipped with mufflers or dampers in substitute of ordinary plant.	During construction	#	#	V
	Reduce the number of equipment and their percentage on-time.		#	#	V
	3.5 m and 5.5 m high temporary noise barrier at culvert construction work area (Figure 2a of the Environmental Permit).		#	#	#
	3 m high temporary noise barrier along the northern edge of Bridge 12 at ground level (Figure 2b of the Environmental Permit).		#	#	#
	2 m high temporary noise barrier along the northern edge of Bridge 12 at bridge level (Figure 2b of the Environmental Permit).		#	#	#
	2.5 m high temporary noise barrier along Tai Wo Service Road West (Figure 2c of the Environmental Permit).		#	#	#
	3.5m and 7m high temporary noise barrier along Tai Wo Services Road West near Tai Hang (Figure 2c of the Environmental Permit).		#	#	#
	7 m high temporary noise barrier along Tai Wo Service Road West near Tai Wo Footbridge work area (Figure 2d of the Environmental Permit).		#	#	#
	7 m high temporary noise barrier near Kiu Tau Footbridge work area (Figure 2d of the Environmental Permit).		#	#	#
	2.5 m high temporary noise barrier near river diversion work area (Figure 2e of the Environmental Permit).		#	#	#

Water Quality – Schedule of Recommended Mitigation Measures

Impact	Mitigation Measures	Timing	Impleme	entation S	tatus
			Feb 14	Mar 14	Apr 14
Water quality during construction	 Demolition and reconstruction of bridges Prevent off-site migration through use of sheet piles. Minimise duration of works as far as practical. All sewer and drainage connections should be sealed to prevent debris, soil, sand, etc, from entering public sewers/drains. Site surface runoff should be settled to remove sand/silt before it is discharged into the existing storm drains. 	During construction	#	#	#
	 Road Widening Works, Earthworks and Culvert Extension Works Wastewater generated from any concrete batching washdown of equipment or similar activities should be discharged into foul sewers, after the removal of settable solids, and pH adjustment as necessary. All sewage discharges from the study area should meet the TM standards and approval from EPD through the licensing process is required. Sand traps, oil interceptors and other pollution prevention installations should be provided, properly cleaned and maintained. Runoff from exposed working areas, unfinished slopes and from unlined temporary channels should be directed to stilling basins and/or silt traps before discharging to the drainage outfalls. Regular inspections of stilling basins and/or silt traps is required to ensure that sediment is not conveyed into the existing drainage system. Open stockpiles should be covered with a tarpaulin cover. During the wet season, any exposed top soils should be covered with a tarpaulin, shotcreted or hydroseeded. Sand and silt from wash-water from vehicle washing should be settled out before discharging into storm drains. Fuels should be stored in bunded areas such that spillage can be easily collected. 		V	V	V

Waste – Schedule of Recommended Mitigation Measures

Impact	Mitigation Measures	Timing	Impleme	entation S	tatus
		_	Feb 14	Mar 14	Apr 14
Waste management during construction	 General Waste Transport of wastes off site as soon as possible. Maintenance of accurate waste records. Minimisation of waste generation for disposal (via reduction/recycling/re-use). No on-site burning will be permitted. Use of re-useable metal hoardings/signboards. 	During construction	V	V	V
	Vegetation from site clearance - Segregation of materials to facilitate disposal Mulching to reduce bulk and where possible review opportunities for the possible beneficial use within landscaping areas.		V	V	V
	Demolition Wastes - Segregation of materials to facilitate disposal Appropriate stockpile management.		V	V	V
	 Excavated Materials Segregation of materials to facilitate disposal / reuse. Appropriate stockpile management. Re-use of excavated material on or off site (where possible). Special handling and disposal procedures in the event that contaminated materials are excavated. 		V	V	V
	 Construction Wastes Segregation of materials to facilitate recycling/reuse (within designated area in appropriate containers/stockpiles). Appropriate stockpile management. Planning to reduce over ordering and waste generation. Recycling and re-use of materials where possible (e.g. metal, wood from formwork) For material which cannot be re-used/recycled, collection should be carried out by an approved waste contractor for landfill disposal. 			V	V
	Bentonite Slurries - Bentonite slurries should be reused as far as possible. - Disposal in accordance with Practice Note For Professional Persons ProPECC PN 1/94.			#	#

 Chemical Wastes Storage within locked, covered and bunded area. The storage area shall not be located adjacent to sensitive receivers e.g. drains. Minimise waste production and recycle oils/solvents where possible. A spill response procedure shall be in place and absorption material available for minor spillages. Use appropriate and labelled containers. Educate site workers on site cleanliness/waste management procedures. If chemical wastes are to be generated, the contractor must register with EPD as a chemical waste producer. The chemical wastes shall be collected by a licensed chemical waste collector. 	(0)	@	(9)
 Municipal Wastes Waste shall be stored within a temporary refuse collection facility, in appropriate containers prior to collection and disposal. Regular, daily collections are required by an approved waste collector. 	V	V	V

Ecology – Schedule of Recommended Mitigation Measures

Impact	Mitigation Measures	Timing	Impleme	entation S	tatus
•			Feb 14	Mar 14	Apr 14
Ecology during construction	Accurate Delineation of Works Area Boundaries of proposed works areas shall be clearly identified and separated from external areas by a physical barrier to prevent encroachment of adjacent habitats. Individual trees which fall within the works areas but which work plans do not require removal are to be retained and fenced off to maximize protection.	During construction	V	V	V
	Vegetation Clearance No fires shall be lit within the works area for the purpose of burning cleared vegetation. The Contractor shall give consideration to mulching the cleared vegetation for recycling within the works area / adjacent land.		V	V	V
	 Dust generation There are a number of measures which shall be taken as specified in the Air Pollution Control (Construction Dust) Regulation on 'Dust Control Requirements, including the following key measures to be applied during construction: Vehicle washing facilities to be provided at every discernible or designated vehicle exit point; All temporary site access roads shall be sprayed with water to suppress dust as necessary; All dusty materials should be sprayed with water immediately prior to any handling; and All debris should be covered entirely by impervious sheeting or stored in a sheltered debris collection area. 		V	V	V
	 Surface Run-off In general, mitigation measures shall be in accordance with ProPECC PN1/94 on 'Construction Site Drainage'. Key measures include: Bund and cover stock piles to avoid run-off; Channel any run-off through a system of oil, grease and sediment / silt traps and reuse water on site where ever practical; All vehicle maintenance to be undertaken within a bunded area; and Maximise vegetation retention on-site to maximise absorption (minimise transport). 		V	V	V

Landscape and Visual Impact – Schedule of Recommended Mitigation Measures

Impact	Mitigation Measures	Timing	Respons	sibility	
•			Feb 14	Mar 14	Apr 14
Landscape & Visual during construction	Preservation of Existing Vegetation Trees identified for retention within the project limit would be protected during the works; The tree transplanting and planting works shall be implemented by approved Landscape Contractors.	During construction	V	V	V
	Temporary Works Areas Where feasible the works areas would be screened using hoarding and existing vegetation would be retained where possible to reduce the landscape and visual impacts arising from the construction activity. The landscape of these works areas would be restored following the completion of the construction phase.		V	V	V
	Hoarding - A hoarding would be erected where practicable in the most visually sensitive locations to screen the temporary construction works from the local VSRs.		V	V	V
	Top Soils - The works will result in disturbance to extensive areas of topsoil. Topsoil worthy of retention should be stockpiled for use following completion of the civil engineering works. It should either be temporarily vegetated with hydroseeded grass or turned over on a regular basis.		#	#	#
	Protection of Important Landscape Features - Important features such as temples, Island House and kilns within the study area, although remote from the proposed works retained and adequately protected.		#	#	#

Legend:

V = implemented;

x = not implemented;

@ = partially implemented;

N/A = not applicable - No such work was undertaken or no such material was used on site;

= to be implemented.

APPENDIX D SUMMARY OF ACTION AND LIMIT LEVELS

Appendix D - Summary of Action and Limit Levels

Table 1 – Action and Limit Levels for 1-hour TSP

Location	Action Level	Limit Level
AM2	317.8 μg/m3	500 μg/m3

Table 2 - Action and Limit Levels for 24-hour TSP

Location	Action Level	Limit Level
AM2	200.7 μg/m3	260 μg/m3

Table 3 – Action and Limit Levels for Construction Noise (0700-1900 hrs of normal weekdays)

Location	Action Level	Limit Level
M2	When one documented	75 dB(A)
	complaint, related to 0700 -	
	1900 hours on normal	
M3*	weekdays, is received	65/70 dB(A)
	from any one of the sensitive	
	receivers	

^{*}Daytime noise Limit Level of 70 dB(A) applies to education institutions, while 65dB(A) applies during school examination period

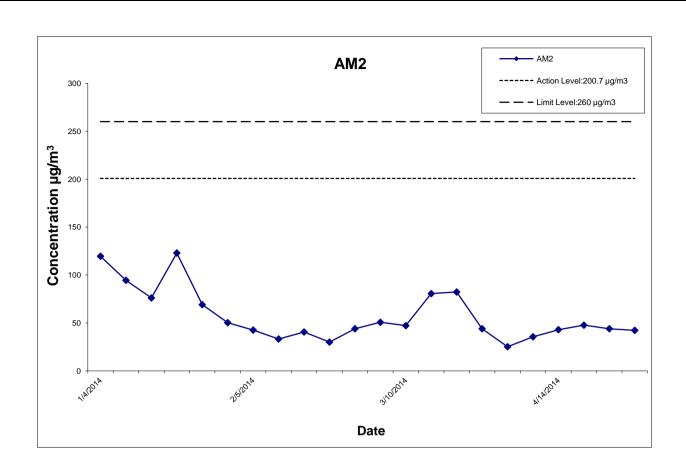
APPENDIX E
IMPACT AIR QUALITY MONITORING
RESULTS AND THEIR GRAPHICAL
PRESENTATION

Impact Air Quality Monitoring Results

24-hour TSP Monitoring Results at Station AM2 (Fanling Government Secondary School)

Date	Weather	Air	Atmospheric	Flow Rate	e (m³/min.)	Av. flow	Total vol.	Filter W	eight (g)	Particulate	Elapse	e Time	Sampling	Conc.	Actino Level	Limit Level
	Condition	Temp. (°C	Pressure(hPa)	Initial	Final	(m³/min)	(m ³)	Initial	Final	weight(g)	Initial	Final	Time(hrs.)	(µg/m³)	(µg/m ³)	(µg/m ³)
4-Jan-14	Sunny	18.8	1017.8	1.314	1.314	1.314	1892.2	2.7387	2.9650	0.2263	3369.02	3393.02	24.00	119.6	200.7	260
9-Jan-14	Fine	15.5	1022.9	1.314	1.314	1.314	1892.2	2.7104	2.8893	0.1789	3393.02	3417.02	24.00	94.5	200.7	260
15-Jan-14	Fine	13.2	1025.6	1.314	1.314	1.314	1892.2	2.7211	2.8651	0.1440	3417.02	3441.02	24.00	76.1	200.7	260
21-Jan-14	Sunny	14.9	1024.5	1.314	1.314	1.314	1892.2	2.6852	2.9179	0.2327	3441.02	3465.02	24.00	123.0	200.7	260
27-Jan-14	Sunny	16.4	1021.3	1.314	1.314	1.314	1892.2	2.6550	2.7857	0.1307	3465.02	3489.02	24.00	69.1	200.7	260
30-Jan-14	Sunny	18.9	1019.3	1.314	1.314	1.314	1892.2	2.6818	2.7770	0.0952	3489.02	3513.02	24.00	50.3	200.7	260
5-Feb-14	Sunny	17.1	1013.9	1.314	1.314	1.314	1892.2	2.6918	2.7725	0.0807	3513.02	3537.02	24.00	42.6	200.7	260
8-Feb-14	Rainy	16.6	1011.4	1.314	1.314	1.314	1892.2	2.7252	2.7883	0.0631	3537.02	3561.02	24.00	33.3	200.7	260
14-Feb-14	Fine	10.6	1022.1	1.314	1.314	1.314	1892.2	2.6647	2.7415	0.0768	3561.02	3585.02	24.00	40.6	200.7	260
20-Feb-14	Fine	12.3	1024.8	1.314	1.314	1.314	1892.2	2.6785	2.7352	0.0567	3585.02	3609.02	24.00	30.0	200.7	260
26-Feb-14	Sunny	20.2	1018.0	1.314	1.314	1.314	1892.2	2.7061	2.7893	0.0832	3609.02	3633.02	24.00	44.0	200.7	260
4-Mar-14	Sunny	16.8	1017.5	1.314	1.314	1.314	1892.2	2.6471	2.7431	0.0960	3633.02	3657.02	24.00	50.7	200.7	260
10-Mar-14	Fine	14.4	1022.1	1.314	1.314	1.314	1892.2	2.7341	2.8234	0.0893	3657.02	3681.02	24.00	47.2	200.7	260
15-Mar-14	Sunny	16.0	1022.1	1.314	1.314	1.314	1892.2	2.9393	3.0919	0.1526	3681.02	3705.02	24.00	80.6	200.7	260
21-Mar-14	Sunny	16.5	1020.4	1.314	1.314	1.314	1892.2	2.7468	2.9025	0.1557	3705.02	3729.02	24.00	82.3	200.7	260
27-Mar-14	Sunny	23.5	1012.7	1.314	1.314	1.314	1892.2	2.7061	2.7893	0.0832	3609.02	3633.02	24.00	44.0	200.7	260
2-Apr-14	Rainy	19.4	1011.9	1.314	1.314	1.314	1892.2	2.7261	2.7737	0.0476	3753.02	3777.02	24.00	25.2	200.7	260
8-Apr-14	Fine	19.9	1014.6	1.314	1.314	1.314	1892.2	2.7022	2.7696	0.0674	3777.02	3801.02	24.00	35.6	200.7	260
14-Apr-14	Sunny	22.8	1014.7	1.314	1.314	1.314	1892.2	2.6934	2.7748	0.0814	3801.02	3825.02	24.00	43.0	200.7	260
17-Apr-14	Fine	24.1	1012.0	1.314	1.314	1.314	1892.2	2.7491	2.8394	0.0903	3825.02	3849.02	24.00	47.7	200.7	260
23-Apr-14	Cloudy	22.4	1012.3	1.314	1.314	1.314	1892.2	2.7202	2.8035	0.0833	3849.02	3873.02	24.00	44.0	200.7	260
29-Apr-14	Sunny	23.9	1013.1	1.314	1.314	1.314	1892.2	2.7230	2.8031	0.0801	3873.02	3897.02	24.00	42.3	200.7	260

Average for the reporting quarter (Feb 14 to Apr 1 45.8 Minimum for the reporting quarter (Feb 14 to Apr 25.2 Maximum for the reporting quarter (Feb 14 to Apr 82.3



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CONTRACT NO. HY/2012/06
WIDENING OF FANLING HIGHWAY
- TAI HANG TO WO HOP SHEK INTERCHANGE

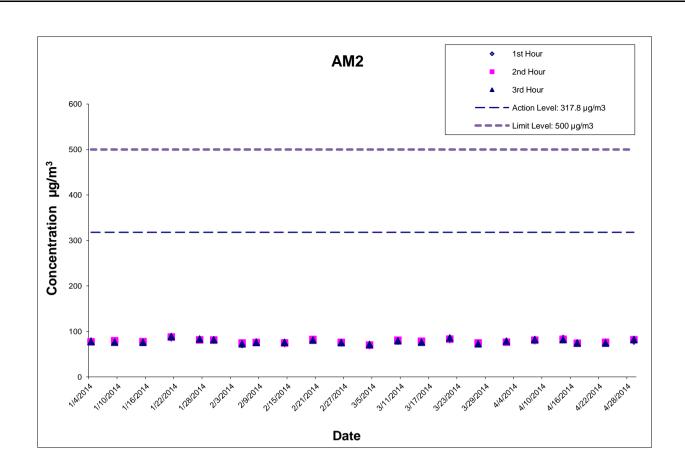


Project No.: 60307376 Date: May-14 Appendix E

Impact Air Quality Monitoring Results

1-hour TSP Monitoring Results at Station AM2 (Fanling Government Secondary School)

	Start	1st Hour	2nd Hour	3rd Hour			
	Time	Conc.	Conc.	Conc.			
Date	(hh:mm)	(µg/m³)	(µg/m³)	(µg/m³)			
4-Jan-14	13:05	78.5	77.0	77.5			
9-Jan-14	14:08	78.6	79.3	76.2			
15-Jan-14	13:49	76.2	77.3	75.9			
21-Jan-14	9:45	85.9	87.4	88.6			
27-Jan-14	15:20	82.6	81.2	83.0			
30-Jan-14	11:00	80.5	80.9	81.6			
5-Feb-14	10:00	71.0	74.3	72.6			
8-Feb-14	13:05	76.6	75.4	75.7			
14-Feb-14	13:40	73.1	74.5	75.8			
20-Feb-14	15:05	81.4	82.1	80.7			
26-Feb-14	13:10	74.6	75.7	75.2			
4-Mar-14	13:45	68.6	69.7	71.2			
10-Mar-14	11:45	78.6	80.4	79.2			
15-Mar-14	10:50	77.1	78.2	76.1			
21-Mar-14	13:00	81.7	82.9	85.5			
27-Mar-14	13:30	73.1	74.4	72.6			
2-Apr-14	13:31	77.2	76.2	78.4			
8-Apr-14	11:30	79.4	80.6	82.1			
14-Apr-14	12:15	84.4	82.6	81.8			
17-Apr-14	12:16	74.1	73.8	74.4			
23-Apr-14							
29-Apr-14 13:35 78.7 81.5 82.2							
Average for th	77.1						
		quarter (Feb 1		68.6			
Maximum for	the reporting	quarter (Feb	14 to Apr 14)	85.5			



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WIDENING OF FANLING HIGHWAY
- TAI HANG TO WO HOP SHEK INTERCHANGE



Project No.: 60307376 Date: May-14 Appendix E

APPENDIX F METEROLOGICAL DATA

Extract of Meteorological Observations for Tai Po Automatic Weather Station, February 2014

Date	Mean Pressure at M.S.L.	Air	Temperatu	ıre	Mean Dew Point Temperature	Rela	itive Hum	idity
	(hPa)	Max.	Mean	Min.	(deg C)	Max.	Mean	Min.
	, ,	(deg C)	(deg C)	(deg C)	`	(%)	(%)	(%)
1-Feb	1015.4	23.2	19.1	16.2	15.8	96	82	64
2-Feb	1011.4	24.5	19.3	15	14.8	95	77	52
3-Feb	1009.9	27.6	20.1	15.3	14	88	70	40
4-Feb	1013.4	19.8	17.6	16.4	14.2	92	80	69
5-Feb	1013.9	18.7	17.2	16.1	13.4	91	79	71
6-Feb	1012.1	20.9	18.2	16.4	16	94	87	76
7-Feb	1010.9	21.3	19.3	17.8	17.4	93	89	82
8-Feb	1011.7	19.3	15.2	13.6	13	97	87	72
9-Feb	1012.8	16.4	13.4	8.0	12.1	96	92	83
10-Feb	1019.8	8.6	7.7	6.6	2.6	93	70	58
11-Feb	1020.6	7.8	6.7	5.9	-0.2	68	61	53
12-Feb	1019.4	8.0	6.6	4.9	3.8	94	83	64
13-Feb	1022.2	8.0	6.8	5.9	4.6	94	86	65
14-Feb	1022.6	13.9	9.5	6.7	2.6	75	62	45
15-Feb	1020.9	13.9	10.7	7.6	5.8	82	72	65
16-Feb	1018.6	15.7	14.5	13.7	11.9	92	85	74
17-Feb	1018.1	19.6	17.2	15.2	16.1	97	93	84
18-Feb	1016.7	22	16.3	10.8	14.4	98	89	70
19-Feb	1022.4	11	8.9	7.0	3.6	94	70	53
20-Feb	1025.2	17.6	10.6	4.4	2.7	84	61	26
21-Feb	1024.8	15.4	12.9	8.9	7.8	93	72	54
22-Feb	1023.4	17.1	14.6	13	8.7	81	68	48
23-Feb	1022.9	18.7	16.2	14.5	11.3	86	73	53
24-Feb	1020.7	20.5	17.1	14	13	90	77	59
25-Feb	1018.6	19.7	18	16.5	15.7	94	86	77
26-Feb	1018.1	23.4	19.5	17.5	17.6	97	89	69
27-Feb	1019	21.5	19.1	17.9	16.9	96	88	78
28-Feb	1017.1	19.3	18.2	17.5	15.7	91	86	80
Mean	1017.9	17.6	14.7	12.3	10.9	91	79	64
Maximum	1025.2	27.6	20.1	17.9	17.6	98	93	84
Minimum	1009.9	7.8	6.6	4.4	-0.2	68	61	26

Extract of Meteorological Observations for Tai Po Automatic Weather Station, February 2014

	Total	Prevailing	Mean
Date	Rainfall	Wind	Wind Speed
	(mm)	Direction	(km/h)
	, ,	(degrees)	(-)
1-Feb	****	***	****
2-Feb	****	***	****
3-Feb	****	***	****
4-Feb	****	***	****
5-Feb	****	***	****
6-Feb	****	***	****
7-Feb	****	***	****
8-Feb	****	***	****
9-Feb	****	***	****
10-Feb	****	***	****
11-Feb	****	***	****
12-Feb	****	***	****
13-Feb	****	***	****
14-Feb	****	***	****
15-Feb	****	***	****
16-Feb	****	***	****
17-Feb	****	***	****
18-Feb	****	***	****
19-Feb	****	***	****
20-Feb	****	***	****
21-Feb	****	***	****
22-Feb	****	***	****
23-Feb	****	***	****
24-Feb	****	***	****
25-Feb	****	***	****
26-Feb	****	***	****
27-Feb	****	***	****
28-Feb	****	***	****
Mean		***	****
Total	****		
Maximum	****		****
Minimum	****		****
*** unavailable			

^{***} unavailable

missing (less than 24 hourly observations a day)

Extract of Meteorological Observations for Tai Mei Tuk Automatic Weather Station, February 2014

Date	Mean Pressure at M.S.L.	Air	Temperatu	ıre	Mean Dew Point Temperature	Rela	itive Hum	idity
	(hPa)	Max.	Mean	Min.	(deg C)	Max.	Mean	Min.
		(deg C)	(deg C)	(deg C)		(%)	(%)	(%)
1-Feb	*****	26.2	20.2	16.9	***	***	***	***
2-Feb	*****	27.2	20.3	15.8	***	***	***	***
3-Feb	*****	29.1	20.9	15.8	***	***	***	***
4-Feb	*****	19.8	17.6	16.2	***	***	***	***
5-Feb	*****	22.3	17.6	15.9	***	***	***	***
6-Feb	*****	23.5	18.7	15.9	***	***	***	***
7-Feb	*****	23.9	20.2	17.9	***	***	***	***
8-Feb	*****	19.4	15.5	14.4	***	***	***	***
9-Feb	*****	16.2	13.5	8.2	***	***	***	***
10-Feb	*****	9.1	7.8	6.9	***	***	***	***
11-Feb	*****	9.4	7.1	6.1	***	***	***	***
12-Feb	*****	9.4	7.6	5.9	***	***	***	***
13-Feb	*****	9.0	7.7	6.8	***	***	***	***
14-Feb	*****	14.8	10	7.2	***	***	***	***
15-Feb	*****	13.5	11.1	7.7	***	***	***	***
16-Feb	*****	15.5	14.5	13.3	***	***	***	***
17-Feb	*****	22.9	18	15.1	***	***	***	***
18-Feb	*****	23.1	17	10.5	***	***	***	***
19-Feb	*****	11.4	8.8	5.9	***	***	***	***
20-Feb	*****	18.6	11.5	5.3	***	***	***	***
21-Feb	*****	16.7	13.5	9.6	***	***	***	***
22-Feb	*****	21	14.8	12	***	***	***	***
23-Feb	*****	20.9	16.3	13.7	***	***	***	***
24-Feb	*****	23.1	17.9	14.1	***	***	***	***
25-Feb	*****	23.2	18.8	17.1	***	***	***	***
26-Feb	*****	25.4	20.2	17.8	***	***	***	***
27-Feb	*****	23.1	19.4	18	***	***	***	***
28-Feb	*****	18.8	18	16.9	***	***	***	***
Mean	*****	19.2	15.2	12.4	***	***	***	***
Maximum	*****	29.1	20.9	18	***	***	***	***
Minimum	*****	9.0	7.1	5.3	***	***	***	***

Extract of Meteorological Observations for Tai Mei Tuk Automatic Weather Station, February 2014

Date Rainfall (mm) Wind Speed (km/h) Wind Speed (km/h) 1-Feb 0.0 70 5.3 2-Feb 0.0 260 4.6 3-Feb 0.0 150 4.8 4-Feb 0.0 90 20.5 5-Feb 0.0 90 12.5 6-Feb 0.0 60 8.5 7-Feb 0.0 60 6.3 8-Feb 0.5 50 9.6 9-Feb 6.0 40 16.0 10-Feb 1.0 30 14.3 11-Feb 0.0 40 10.9 12-Feb 1.5 50 8.6 13-Feb 10.0 30 7.9 14-Feb 0.0 40 10.4 15-Feb 0.0 40 10.4 16-Feb 0.0 80 13.5 17-Feb 0.0 60 6.3 18-Feb 0.0 260 9.3		Total	Prevailing	Mean
(mm) Direction (degrees) (km/h) 1-Feb 0.0 70 5.3 2-Feb 0.0 260 4.6 3-Feb 0.0 150 4.8 4-Feb 0.0 90 20.5 5-Feb 0.0 90 12.5 6-Feb 0.0 60 8.5 7-Feb 0.0 60 6.3 8-Feb 0.5 50 9.6 9-Feb 6.0 40 16.0 10-Feb 1.0 30 14.3 11-Feb 0.0 40 10.9 12-Feb 1.5 50 8.6 13-Feb 1.0 30 7.9 14-Feb 0.0 20 11.4 15-Feb 0.0 40 10.4 16-Feb 0.0 80 13.5 17-Feb 0.0 80 13.5 17-Feb 0.0 60 6.3 18-Feb 0.0 </th <th>Dete</th> <th>Rainfall</th> <th>Wind</th> <th></th>	Dete	Rainfall	Wind	
Company Comp	Date	(mm)	Direction	-
1-Feb 0.0 70 5.3 2-Feb 0.0 260 4.6 3-Feb 0.0 150 4.8 4-Feb 0.0 90 20.5 5-Feb 0.0 90 12.5 6-Feb 0.0 60 8.5 7-Feb 0.0 60 6.3 8-Feb 0.5 50 9.6 9-Feb 6.0 40 16.0 10-Feb 1.0 30 14.3 11-Feb 0.0 40 10.9 12-Feb 1.5 50 8.6 13-Feb 10.0 30 7.9 14-Feb 0.0 20 11.4 15-Feb 0.0 40 10.4 16-Feb 0.0 80 13.5 17-Feb 0.0 80 13.5 17-Feb 0.0 60 6.3 18-Feb 0.0 260 9.3 19-Feb		(111111)		(KIII/II)
2-Feb 0.0 260 4.6 3-Feb 0.0 150 4.8 4-Feb 0.0 90 20.5 5-Feb 0.0 90 12.5 6-Feb 0.0 60 8.5 7-Feb 0.0 60 6.3 8-Feb 0.5 50 9.6 9-Feb 6.0 40 16.0 10-Feb 1.0 30 14.3 11-Feb 0.0 40 10.9 12-Feb 1.5 50 8.6 13-Feb 10.0 30 7.9 14-Feb 0.0 20 11.4 15-Feb 0.0 40 10.4 16-Feb 0.0 80 13.5 17-Feb 0.0 80 13.5 17-Feb 0.0 60 6.3 18-Feb 0.0 260 9.3 19-Feb 6.5 20 17.7 20-Feb <t< th=""><th>1-Feh</th><th>0.0</th><th></th><th>5.3</th></t<>	1-Feh	0.0		5.3
3-Feb 0.0 150 4.8 4-Feb 0.0 90 20.5 5-Feb 0.0 90 12.5 6-Feb 0.0 60 8.5 7-Feb 0.0 60 6.3 8-Feb 0.5 50 9.6 9-Feb 6.0 40 16.0 10-Feb 1.0 30 14.3 11-Feb 0.0 40 10.9 12-Feb 1.5 50 8.6 13-Feb 10.0 30 7.9 14-Feb 0.0 20 11.4 15-Feb 0.0 40 10.4 16-Feb 0.0 80 13.5 17-Feb 0.0 60 6.3 18-Feb 0.0 260 9.3 19-Feb 6.5 20 17.7 20-Feb 0.0 90 18.3 22-Feb 0.0 90 18.3 22-Feb 0.0 50 16.2 23-Feb 0.0 70 16.3 24-Feb 0.0 60 4.5 27-Feb 0.0 70 9.5 26-Feb 0.0 70 14.0 28-Feb 0.0 90 12.5 Mean 50 11.0 Total 25.5				
4-Feb 0.0 90 20.5 5-Feb 0.0 90 12.5 6-Feb 0.0 60 8.5 7-Feb 0.0 60 6.3 8-Feb 0.5 50 9.6 9-Feb 6.0 40 16.0 10-Feb 1.0 30 14.3 11-Feb 0.0 40 10.9 12-Feb 1.5 50 8.6 13-Feb 10.0 30 7.9 14-Feb 0.0 20 11.4 15-Feb 0.0 40 10.4 16-Feb 0.0 80 13.5 17-Feb 0.0 60 6.3 18-Feb 0.0 60 6.3 19-Feb 6.5 20 17.7 20-Feb 0.0 110 6.2 21-Feb 0.0 90 18.3 22-Feb 0.0 50 16.2 23-Feb 0.0 70 9.5 26-Feb 0.0 70 9.5				
5-Feb 0.0 90 12.5 6-Feb 0.0 60 8.5 7-Feb 0.0 60 6.3 8-Feb 0.5 50 9.6 9-Feb 6.0 40 16.0 10-Feb 1.0 30 14.3 11-Feb 0.0 40 10.9 12-Feb 1.5 50 8.6 13-Feb 10.0 30 7.9 14-Feb 0.0 20 11.4 15-Feb 0.0 40 10.4 16-Feb 0.0 40 10.4 16-Feb 0.0 80 13.5 17-Feb 0.0 60 6.3 18-Feb 0.0 260 9.3 19-Feb 6.5 20 17.7 20-Feb 0.0 90 18.3 22-Feb 0.0 90 18.3 22-Feb 0.0 70 16.3 24-Feb				
6-Feb 0.0 60 8.5 7-Feb 0.0 60 6.3 8-Feb 0.5 50 9.6 9-Feb 6.0 40 16.0 10-Feb 1.0 30 14.3 11-Feb 0.0 40 10.9 12-Feb 1.5 50 8.6 13-Feb 10.0 30 7.9 14-Feb 0.0 20 11.4 15-Feb 0.0 40 10.4 16-Feb 0.0 80 13.5 17-Feb 0.0 80 13.5 17-Feb 0.0 60 6.3 18-Feb 0.0 260 9.3 19-Feb 6.5 20 17.7 20-Feb 0.0 110 6.2 21-Feb 0.0 90 18.3 22-Feb 0.0 50 16.2 23-Feb 0.0 70 16.3 24-Feb			90	
7-Feb 0.0 60 6.3 8-Feb 0.5 50 9.6 9-Feb 6.0 40 16.0 10-Feb 1.0 30 14.3 11-Feb 0.0 40 10.9 12-Feb 1.5 50 8.6 13-Feb 10.0 30 7.9 14-Feb 0.0 20 11.4 15-Feb 0.0 40 10.4 16-Feb 0.0 40 10.4 16-Feb 0.0 80 13.5 17-Feb 0.0 60 6.3 18-Feb 0.0 260 9.3 19-Feb 6.5 20 17.7 20-Feb 0.0 110 6.2 21-Feb 0.0 90 18.3 22-Feb 0.0 70 16.3 24-Feb 0.0 70 9.5 26-Feb 0.0 70 14.0 28-Feb				
8-Feb 0.5 50 9.6 9-Feb 6.0 40 16.0 10-Feb 1.0 30 14.3 11-Feb 0.0 40 10.9 12-Feb 1.5 50 8.6 13-Feb 10.0 30 7.9 14-Feb 0.0 20 11.4 15-Feb 0.0 40 10.4 15-Feb 0.0 40 10.4 16-Feb 0.0 80 13.5 17-Feb 0.0 60 6.3 18-Feb 0.0 260 9.3 19-Feb 6.5 20 17.7 20-Feb 0.0 110 6.2 21-Feb 0.0 90 18.3 22-Feb 0.0 50 16.2 23-Feb 0.0 70 16.3 24-Feb 0.0 70 9.5 26-Feb 0.0 70 14.0 28-Feb 0.0 90 12.5 Mean			60	
9-Feb 6.0 40 16.0 10-Feb 1.0 30 14.3 11-Feb 0.0 40 10.9 12-Feb 1.5 50 8.6 13-Feb 10.0 30 7.9 14-Feb 0.0 20 11.4 15-Feb 0.0 40 10.4 16-Feb 0.0 80 13.5 17-Feb 0.0 60 6.3 18-Feb 0.0 260 9.3 19-Feb 6.5 20 17.7 20-Feb 0.0 110 6.2 21-Feb 0.0 90 18.3 22-Feb 0.0 50 16.2 23-Feb 0.0 70 16.3 24-Feb 0.0 70 9.5 26-Feb 0.0 70 9.5 26-Feb 0.0 70 14.0 28-Feb 0.0 90 12.5 Mean			50	
10-Feb 1.0 30 14.3 11-Feb 0.0 40 10.9 12-Feb 1.5 50 8.6 13-Feb 10.0 30 7.9 14-Feb 0.0 20 11.4 15-Feb 0.0 40 10.4 16-Feb 0.0 80 13.5 17-Feb 0.0 60 6.3 18-Feb 0.0 260 9.3 19-Feb 6.5 20 17.7 20-Feb 0.0 110 6.2 21-Feb 0.0 90 18.3 22-Feb 0.0 50 16.2 23-Feb 0.0 70 16.3 24-Feb 0.0 50 12.6 25-Feb 0.0 70 9.5 26-Feb 0.0 70 14.0 28-Feb 0.0 70 14.0 28-Feb 0.0 90 12.5 Mean		6.0	40	
11-Feb 0.0 40 10.9 12-Feb 1.5 50 8.6 13-Feb 10.0 30 7.9 14-Feb 0.0 20 11.4 15-Feb 0.0 40 10.4 16-Feb 0.0 80 13.5 17-Feb 0.0 60 6.3 18-Feb 0.0 260 9.3 19-Feb 6.5 20 17.7 20-Feb 0.0 110 6.2 21-Feb 0.0 90 18.3 22-Feb 0.0 50 16.2 23-Feb 0.0 70 16.3 24-Feb 0.0 50 12.6 25-Feb 0.0 70 9.5 26-Feb 0.0 70 14.0 28-Feb 0.0 70 14.0 28-Feb 0.0 90 12.5 Mean 50 11.0 Total		1.0		14.3
12-Feb 1.5 50 8.6 13-Feb 10.0 30 7.9 14-Feb 0.0 20 11.4 15-Feb 0.0 40 10.4 16-Feb 0.0 80 13.5 17-Feb 0.0 60 6.3 18-Feb 0.0 260 9.3 19-Feb 6.5 20 17.7 20-Feb 0.0 110 6.2 21-Feb 0.0 90 18.3 22-Feb 0.0 50 16.2 23-Feb 0.0 70 16.3 24-Feb 0.0 50 12.6 25-Feb 0.0 70 9.5 26-Feb 0.0 70 14.0 28-Feb 0.0 70 14.0 28-Feb 0.0 90 12.5 Mean 50 11.0 Total 25.5 Maxim		0.0	40	10.9
14-Feb 0.0 20 11.4 15-Feb 0.0 40 10.4 16-Feb 0.0 80 13.5 17-Feb 0.0 60 6.3 18-Feb 0.0 260 9.3 19-Feb 6.5 20 17.7 20-Feb 0.0 110 6.2 21-Feb 0.0 90 18.3 22-Feb 0.0 50 16.2 23-Feb 0.0 70 16.3 24-Feb 0.0 50 12.6 25-Feb 0.0 70 9.5 26-Feb 0.0 60 4.5 27-Feb 0.0 70 14.0 28-Feb 0.0 90 12.5 Mean 50 11.0 Total 25.5 Maximum 10.0 20.5		1.5	50	8.6
15-Feb 0.0 40 10.4 16-Feb 0.0 80 13.5 17-Feb 0.0 60 6.3 18-Feb 0.0 260 9.3 19-Feb 6.5 20 17.7 20-Feb 0.0 110 6.2 21-Feb 0.0 90 18.3 22-Feb 0.0 50 16.2 23-Feb 0.0 70 16.3 24-Feb 0.0 50 12.6 25-Feb 0.0 70 9.5 26-Feb 0.0 70 14.0 28-Feb 0.0 70 14.0 28-Feb 0.0 90 12.5 Mean 50 11.0 Total 25.5 Maximum 10.0 20.5	13-Feb	10.0	30	7.9
16-Feb 0.0 80 13.5 17-Feb 0.0 60 6.3 18-Feb 0.0 260 9.3 19-Feb 6.5 20 17.7 20-Feb 0.0 110 6.2 21-Feb 0.0 90 18.3 22-Feb 0.0 50 16.2 23-Feb 0.0 70 16.3 24-Feb 0.0 50 12.6 25-Feb 0.0 70 9.5 26-Feb 0.0 60 4.5 27-Feb 0.0 70 14.0 28-Feb 0.0 90 12.5 Mean 50 11.0 Total 25.5 Maximum 10.0 20.5	14-Feb	0.0	20	11.4
17-Feb 0.0 60 6.3 18-Feb 0.0 260 9.3 19-Feb 6.5 20 17.7 20-Feb 0.0 110 6.2 21-Feb 0.0 90 18.3 22-Feb 0.0 50 16.2 23-Feb 0.0 70 16.3 24-Feb 0.0 50 12.6 25-Feb 0.0 70 9.5 26-Feb 0.0 60 4.5 27-Feb 0.0 70 14.0 28-Feb 0.0 90 12.5 Mean 50 11.0 Total 25.5 Maximum 10.0 20.5	15-Feb	0.0	40	10.4
18-Feb 0.0 260 9.3 19-Feb 6.5 20 17.7 20-Feb 0.0 110 6.2 21-Feb 0.0 90 18.3 22-Feb 0.0 50 16.2 23-Feb 0.0 70 16.3 24-Feb 0.0 50 12.6 25-Feb 0.0 70 9.5 26-Feb 0.0 60 4.5 27-Feb 0.0 70 14.0 28-Feb 0.0 90 12.5 Mean 50 11.0 Total 25.5 Maximum 10.0 20.5	16-Feb	0.0	80	13.5
19-Feb 6.5 20 17.7 20-Feb 0.0 110 6.2 21-Feb 0.0 90 18.3 22-Feb 0.0 50 16.2 23-Feb 0.0 70 16.3 24-Feb 0.0 50 12.6 25-Feb 0.0 70 9.5 26-Feb 0.0 60 4.5 27-Feb 0.0 70 14.0 28-Feb 0.0 90 12.5 Mean 50 11.0 Total 25.5 Maximum 10.0 20.5	17-Feb	0.0	60	6.3
20-Feb 0.0 110 6.2 21-Feb 0.0 90 18.3 22-Feb 0.0 50 16.2 23-Feb 0.0 70 16.3 24-Feb 0.0 50 12.6 25-Feb 0.0 70 9.5 26-Feb 0.0 60 4.5 27-Feb 0.0 70 14.0 28-Feb 0.0 90 12.5 Mean 50 11.0 Total 25.5 Maximum 10.0 20.5	18-Feb	0.0	260	9.3
21-Feb 0.0 90 18.3 22-Feb 0.0 50 16.2 23-Feb 0.0 70 16.3 24-Feb 0.0 50 12.6 25-Feb 0.0 70 9.5 26-Feb 0.0 60 4.5 27-Feb 0.0 70 14.0 28-Feb 0.0 90 12.5 Mean 50 11.0 Total 25.5 Maximum 10.0 20.5	19-Feb	6.5	20	17.7
22-Feb 0.0 50 16.2 23-Feb 0.0 70 16.3 24-Feb 0.0 50 12.6 25-Feb 0.0 70 9.5 26-Feb 0.0 60 4.5 27-Feb 0.0 70 14.0 28-Feb 0.0 90 12.5 Mean 50 11.0 Total 25.5 Maximum 10.0 20.5	20-Feb	0.0	110	6.2
23-Feb 0.0 70 16.3 24-Feb 0.0 50 12.6 25-Feb 0.0 70 9.5 26-Feb 0.0 60 4.5 27-Feb 0.0 70 14.0 28-Feb 0.0 90 12.5 Mean 50 11.0 Total 25.5 Maximum 10.0 20.5	21-Feb	0.0	90	18.3
24-Feb 0.0 50 12.6 25-Feb 0.0 70 9.5 26-Feb 0.0 60 4.5 27-Feb 0.0 70 14.0 28-Feb 0.0 90 12.5 Mean 50 11.0 Total 25.5 Maximum 10.0 20.5	22-Feb	0.0	50	16.2
25-Feb 0.0 70 9.5 26-Feb 0.0 60 4.5 27-Feb 0.0 70 14.0 28-Feb 0.0 90 12.5 Mean 50 11.0 Total 25.5 Maximum 10.0 20.5	23-Feb	0.0	70	16.3
26-Feb 0.0 60 4.5 27-Feb 0.0 70 14.0 28-Feb 0.0 90 12.5 Mean 50 11.0 Total 25.5 Maximum 10.0 20.5	24-Feb	0.0		
27-Feb 0.0 70 14.0 28-Feb 0.0 90 12.5 Mean 50 11.0 Total 25.5 Maximum 10.0 20.5	25-Feb	0.0	70	9.5
28-Feb 0.0 90 12.5 Mean 50 11.0 Total 25.5 Maximum 10.0 20.5	26-Feb	0.0	60	
Mean 50 11.0 Total 25.5 Maximum 10.0 20.5	27-Feb		70	
Total 25.5 Maximum 10.0 20.5	28-Feb	0.0	90	
Maximum 10.0 20.5	Mean		50	11.0
	Total			
Minimum 0.0 4.5	Maximum			
*** unavailable	Minimum	0.0		4.5

^{***} unavailable

missing (less than 24 hourly observations a day)

Extract of Meteorological Observations for Tai Po Automatic Weather Station, March 2014

Date	Mean Pressure at M.S.L.	Air	Temperatu	ıre	Mean Dew Point Temperature	Rela	ative Hum	idity
	(hPa)	Max. (deg C)	Mean (deg C)	Min. (deg C)	(deg C)	Max. (%)	Mean (%)	Min. (%)
1-Mar	1014.6	21.8	19.6	18.3	17.6	96	88	81
2-Mar	1014.8	20.6	18.1	15.3	16.3	98	90	72
3-Mar	1017.2	16.2	15.6	14.8	13	96	85	77
4-Mar	1017.7	17.3	16.4	15.2	14.8	97	90	84
5-Mar	1018.9	16.9	16	15.1	13	96	83	69
6-Mar	1018.5	16	15.2	14.5	12.2	91	82	67
7-Mar	1020.7	15.1	14.6	14.3	11.9	90	84	78
8-Mar	1019	15.3	14.5	14	13.4	98	93	84
9-Mar	1021.3	14.4	13.4	12.4	11.5	97	88	81
10-Mar	1022.6	14.6	13.9	12.4	10.5	91	80	69
11-Mar	1020.5	15.7	15	14.1	12.2	94	83	76
12-Mar	1014.7	18.4	17	15.4	16.4	98	96	93
13-Mar	1016.4	22.6	20	17.5	14.6	99	73	52
14-Mar	1022.3	18.6	16.6	15.2	8.8	76	60	46
15-Mar	1022.3	16.9	15.7	14.9	8.7	79	64	47
16-Mar	1021.1	18.9	17.5	15.7	12.1	88	71	58
17-Mar	1018.9	21.8	19.4	17.4	17.5	96	89	80
18-Mar	1015.9	23.7	20.9	18.9	19.2	98	90	74
19-Mar	1013.5	24.9	21.9	19.4	19.6	97	87	69
20-Mar	1014.1	28.1	21	17.5	17.7	99	83	58
21-Mar	1020.7	17.5	15.9	15.1	8.9	72	64	57
22-Mar	1021.2	20.9	16.7	14.5	9.9	79	65	41
23-Mar	1022.1	21.2	18.1	15.8	11.1	82	65	45
24-Mar	1019.3	22.3	19.3	15.4	13.2	83	68	54
25-Mar	1015.5	24.6	21.1	17.8	16.5	89	75	59
26-Mar	1013.6	25.9	22.4	19.2	19	92	82	65
27-Mar	1012.5	27.2	22.8	19.2	19.8	95	84	68
28-Mar	1012	23	21.9	20.8	20.6	96	92	86
29-Mar	1011.1	22.8	21.7	20.8	20.7	98	94	82
30-Mar	1010.5	23.9	21.5	19.2	20.3	98	93	81
31-Mar	1009.6	20.3	19.5	18.5	19	99	97	92
Mean	1017.2	20.2	18.2	16.4	14.8	92	82	69
Maximum	1022.6	28.1	22.8	20.8	20.7	99	97	93
Minimum	1009.6	14.4	13.4	12.4	8.7	72	60	41

Extract of Meteorological Observations for Tai Po Automatic Weather Station, March 2014

	Total	Prevailing	Mean
			Wind
Date	Rainfall	Wind	Speed
	(mm)	Direction	(km/h)
	` ′	(degrees)	, ,
1-Mar	****	***	****
2-Mar	****	***	****
3-Mar	****	***	****
4-Mar	****	***	****
5-Mar	****	***	****
6-Mar	****	***	****
7-Mar	****	***	****
8-Mar	****	***	****
9-Mar	****	***	****
10-Mar	****	***	****
11-Mar	****	***	****
12-Mar	****	***	****
13-Mar	****	***	****
14-Mar	****	***	****
15-Mar	****	***	****
16-Mar	****	***	****
17-Mar	****	***	****
18-Mar	****	***	****
19-Mar	****	***	****
20-Mar	****	***	****
21-Mar	****	***	****
22-Mar	****	***	****
23-Mar	****	***	****
24-Mar	****	***	****
25-Mar	****	***	****
26-Mar	****	***	****
27-Mar	****	***	****
28-Mar	****	***	****
29-Mar	****	***	****
30-Mar	****	***	****
31-Mar	****	***	****
Mean		***	****
Total	****		
Maximum	****		****
Minimum	****		****
*** unavailable			

^{***} unavailable

missing (less than 24 hourly observations a day)

Extract of Meteorological Observations for Tai Mei Tuk Automatic Weather Station, March 2014

Date	Mean Pressure at M.S.L.	Air Temperature		Mean Pature Dew Point Temperature		Relative Humidity		
	(hPa)	Max. (deg C)	Mean (deg C)	Min. (deg C)	(deg C)	Max. (%)	Mean (%)	Min. (%)
1-Mar	****	24.4	20.5	18	***	***	***	***
2-Mar	*****	21.9	18.2	14.7	***	***	***	***
3-Mar	*****	15.7	15.2	14.5	***	***	***	***
4-Mar	*****	18.6	16.7	15.4	***	***	***	***
5-Mar	*****	17.1	16	14.8	***	***	***	***
6-Mar	*****	15.8	15.1	14.6	***	***	***	***
7-Mar	*****	14.8	14.3	13	***	***	***	***
8-Mar	*****	16.2	14.8	13.9	***	***	***	***
9-Mar	*****	15	13.5	11.8	***	***	***	***
10-Mar	*****	15.8	13.7	11.8	***	***	***	***
11-Mar	*****	16	15.1	13.9	***	***	***	***
12-Mar	*****	18.9	17.4	15.2	***	***	***	***
13-Mar	*****	24.7	20.6	18.1	***	***	***	***
14-Mar	*****	20.9	16.9	14.8	***	***	***	***
15-Mar	*****	18.2	15.7	14.7	***	***	***	***
16-Mar	*****	21.9	18.4	15.3	****	***	***	***
17-Mar	*****	25.5	21	18	****	***	***	***
18-Mar	*****	28	22.4	19.4	***	***	***	***
19-Mar	****	28.7	23.2	19.4	***	***	***	***
20-Mar	*****	28	21.4	16.6	***	***	***	***
21-Mar	*****	17	15.4	14.1	***	***	***	***
22-Mar	*****	22.6	17.1	14.2	***	***	***	***
23-Mar	*****	25	18.7	14.9	***	***	***	***
24-Mar	****	25.5	20.1	15.3	***	***	***	***
25-Mar	****	28.7	22.1	18	***	***	***	***
26-Mar	*****	29.8	23.6	19.7	***	***	***	***
27-Mar	****	30.9	23.9	20	***	***	***	***
28-Mar	*****	24.2	22.3	21	***	***	***	***
29-Mar	****	23.2	22	21	***	***	***	***
30-Mar	****	24	21.5	18.5	***	***	***	***
31-Mar	****	20.1	19.5	18.5	***	***	***	***
Mean	*****	21.8	18.6	16.2	***	***	***	***
Maximum	****	30.9	23.9	21	***	***	***	***
Minimum	*****	14.8	13.5	11.8	****	***	***	***

Extract of Meteorological Observations for Tai Mei Tuk Automatic Weather Station, March 2014

	Total	Prevailing	Mean
			Wind
Date	Rainfall	Wind	Speed
	(mm)	Direction	(km/h)
	(,	(degrees)	(,
1-Mar	0.0	60	6.5
2-Mar	1.0	80	11.6
3-Mar	0.0	100	19.8
4-Mar	0.0	110	6.9
5-Mar	0.5	50	12.7
6-Mar	0.0	100	21.7
7-Mar	0.5	100	20.1
8-Mar	0.5	90	14.2
9-Mar	0.5	50	12.8
10-Mar	1.5	80	19.5
11-Mar	0.0	100	17.0
12-Mar	0.0	60	5.5
13-Mar	0.0	40	15.5
14-Mar	0.0	40	18.0
15-Mar	0.0	60	11.9
16-Mar	0.0	60	8.3
17-Mar	0.0	80	6.3
18-Mar	0.0	80	4.8
19-Mar	0.0	70	5.7
20-Mar	0.0	50	10.8
21-Mar	0.0	40	18.8
22-Mar	0.0	40	14.1
23-Mar	0.0	90	16.2
24-Mar	0.0	60	11.7
25-Mar	0.0	130	7.4
26-Mar	0.0	140	4.6
27-Mar	0.0	140	7.5
28-Mar	0.0	60	10.5
29-Mar	12.0	60	6.6
30-Mar	106	50	13.0
31-Mar	114.5	70	10.4
Mean		60	12.0
Total	237		
Maximum	114.5		21.7
Minimum	0.0		4.6
*** unavailable	•		

^{***} unavailable

missing (less than 24 hourly observations a day)

Extract of Meteorological Observations for Tai Po Automatic Weather Station, April 2014

Date	Mean Pressure at M.S.L.	Air Temperature		Pressure Air Temperature Dew Poin		Mean Dew Point Temperature	Relative Humidit		idity
	(hPa)	Max. (deg C)	Mean (deg C)	Min. (deg C)	(deg C)	Max. (%)	Mean (%)	Min. (%)	
1-Apr	1011	20.5	19.6	19	19	99	96	91	
2-Apr	1011.7	20.2	19.3	18.1	18.3	98	94	85	
3-Apr	1013.5	20.1	19.3	18.4	18.5	98	95	85	
4-Apr	1016.6	21.9	19.9	17.9	16.2	97	80	61	
5-Apr	1016.4	23.4	20.3	16.4	13.9	92	69	38	
6-Apr	1017.2	21.1	19.2	17.3	16.6	97	85	64	
7-Apr	1016.5	20	19.2	17.4	16.4	95	84	78	
8-Apr	1014.7	20.5	19.8	19.1	18.6	98	93	84	
9-Apr	1014	26.6	22.1	18.8	19.8	99	88	70	
10-Apr	1015	23.9	22.1	21	18.6	91	81	66	
11-Apr	1013.6	24.5	22.5	20.9	19.6	92	84	72	
12-Apr	1012	27.3	24	21.8	20.4	91	81	65	
13-Apr	1011.6	30.4	25.6	21.7	21.7	93	80	57	
14-Apr	1014.7	24.4	22.8	21.9	19.7	95	83	67	
15-Apr	1015.8	23.1	21.8	20.5	16.9	87	74	54	
16-Apr	1013.1	23.7	22	21	19	89	83	74	
17-Apr	1011.7	28	24	21.7	21	94	84	65	
18-Apr	1011.9	27.9	24.2	21.1	21	94	83	67	
19-Apr	1011.5	27.1	24.3	21.6	21.7	95	86	74	
20-Apr	1010.8	28.8	25	22.5	22.7	95	87	74	
21-Apr	1012.4	24.4	23.3	22.7	21.7	94	91	88	
22-Apr	1012.4	28.2	24.5	22.5	22.3	94	88	71	
23-Apr	1012.2	24.2	22	20.9	21	96	94	90	
24-Apr	1011.5	22.4	21.7	21.2	20.2	95	92	86	
25-Apr	1012	23.7	22.6	21.6	21.3	96	93	87	
26-Apr	1012.8	24.4	22.5	21.4	20.9	98	91	79	
27-Apr	1013.1	30.2	25.3	20.4	20.3	95	76	54	
28-Apr	1013.4	26.7	24.5	22.3	18.3	87	69	53	
29-Apr	1012.9	26	23.5	21.6	20.1	93	82	69	
30-Apr	1011.6	24	22.3	20.4	20.1	97	88	79	
Mean	1013.2	24.6	22.3	20.4	19.5	94	85	72	
Maximum	1017.2	30.4	25.6	22.7	22.7	99	96	91	
Minimum	1010.8	20	19.2	16.4	13.9	87	69	38	

Extract of Meteorological Observations for Tai Po Automatic Weather Station, April 2014

	Total	Prevailing	Mean
Date	Rainfall	Wind	Wind Speed
	(mm)	Direction	(km/h)
	()	(degrees)	(,
1-Apr	****	***	****
2-Apr	****	***	****
3-Apr	****	***	****
4-Apr	****	***	****
5-Apr	****	***	****
6-Apr	****	***	****
7-Apr	****	***	****
8-Apr	****	***	****
9-Apr	****	***	****
10-Apr	****	***	****
11-Apr	****	***	****
12-Apr	****	***	****
13-Apr	****	***	****
14-Apr	****	***	****
15-Apr	****	***	****
16-Apr	****	***	****
17-Apr	****	***	****
18-Apr	****	***	****
19-Apr	****	***	****
20-Apr	****	***	****
21-Apr	****	***	****
22-Apr	****	***	****
23-Apr	****	***	****
24-Apr	****	***	****
25-Apr	****	***	****
26-Apr	****	***	****
27-Apr	****	***	****
28-Apr	****	***	****
29-Apr	****	***	****
30-Apr	****	***	****
Mean		***	****
Total	****		
Maximum	****		****
Minimum	****		****

^{***} unavailable

missing (less than 24 hourly observations a day)

Extract of Meteorological Observations for Tai Mei Tuk Automatic Weather Station, April 2014

Date	Mean Pressure at M.S.L.	Air	Air Temperature		Mean Dew Point Temperature	Relative Humidity		
	(hPa)	Max. (deg C)	Mean (deg C)	Min. (deg C)	(deg C)	Max. (%)	Mean (%)	Min. (%)
1-Apr	*****	21	19.8	19	***	***	***	***
2-Apr	*****	20.6	19.3	18	***	***	***	***
3-Apr	*****	20.8	19.4	18.5	***	***	***	***
4-Apr	*****	23.3	20.2	18.2	***	***	***	***
5-Apr	*****	25.5	20.8	16.8	***	***	***	***
6-Apr	*****	22.4	19.1	17.3	***	***	***	***
7-Apr	*****	20.3	19	17.5	***	***	***	***
8-Apr	*****	21.5	20	19.2	***	***	***	***
9-Apr	*****	27.4	22.3	19.4	***	***	***	***
10-Apr	*****	25.6	22	20.2	***	***	***	***
11-Apr	*****	27.6	23.1	20.8	***	***	***	***
12-Apr	*****	30.3	24.8	21.5	***	***	***	***
13-Apr	*****	32.4	26.4	22.1	***	***	***	***
14-Apr	*****	24.7	22.7	21	***	***	***	***
15-Apr	*****	25.1	22.1	19.9	***	***	***	***
16-Apr	*****	25.9	22.3	20.9	***	***	***	***
17-Apr	*****	30.1	24.7	21.9	***	***	***	***
18-Apr	*****	30.7	25.1	21.9	***	***	***	***
19-Apr	*****	30.9	25.4	22.5	***	***	***	***
20-Apr	*****	30.2	25.7	22.9	***	***	***	***
21-Apr	*****	24.3	23.2	22.5	***	***	***	***
22-Apr	*****	29.5	25.2	22.4	***	***	***	***
23-Apr	*****	24.4	21.8	20.7	***	***	***	***
24-Apr	*****	22.2	21.4	20.8	***	***	***	***
25-Apr	*****	24.2	22.8	21.8	***	***	***	***
26-Apr	*****	25.7	22.7	21.5	***	***	***	***
27-Apr	*****	31.3	25.9	20.6	***	***	***	***
28-Apr	*****	29.6	25.2	22.4	***	***	***	***
29-Apr	*****	27.9	23.9	21.9	***	***	***	***
30-Apr	*****	25	22.6	20.5	***	***	***	***
Mean	*****	26	22.6	20.5	***	***	***	***
Maximum	*****	32.4	26.4	22.9	***	***	***	***
Minimum	*****	20.3	19	16.8	***	***	***	***

Extract of Meteorological Observations for Tai Mei Tuk Automatic Weather Station, April 2014

	Total	Dravailing	Maan
	Total	Prevailing	Mean
Dete	Rainfall	Wind	Wind
Date			Speed
	(mm)	Direction	(km/h)
		(degrees)	
1-Apr	10.0	60	10.0
2-Apr	35.0	60	12.4
3-Apr	39.5	60	9.8
4-Apr	0.0	80	15.7
5-Apr	0.0	60	13.2
6-Apr	12.5	50	17.8
7-Apr	2.5	60	13.0
8-Apr	16.5	70	6.7
9-Apr	0.0	90	8.2
10-Apr	0.0	80	17.3
11-Apr	0.0	70	11.8
12-Apr	0.0	60	8.4
13-Apr	0.0	270	4.8
14-Apr	0.0	90	15.9
15-Apr	0.0	90	19.7
16-Apr	0.0	70	9.4
17-Apr	0.0	60	6.6
18-Apr	0.0	120	5.2
19-Apr	0.0	60	6.4
20-Apr	0.0	60	3.8
21-Apr	0.0	80	13.8
22-Apr	0.0	60	4.3
23-Apr	5.0	80	20.5
24-Apr	0.5	90	18.5
25-Apr	0.0	90	12.2
26-Apr	1.5	50	10.9
27-Apr	0.0	270	6.0
28-Apr	0.0	140	9.7
29-Apr	0.0	80	12.6
30-Apr	4.0	50	9.6
Mean		60	11.1
Total	127		
Maximum	39.5		20.5
Minimum	0.0		3.8
*** unavailable			

^{***} unavailable

missing (less than 24 hourly observations a day)

APPENDIX G
IMPACT DAYTIME CONSTRUCTION NOISE
MONITORING RESULTS AND THEIR
GRAPHICAL PRESENTATION

Location : M2 (West Tai Wo - Free Field)

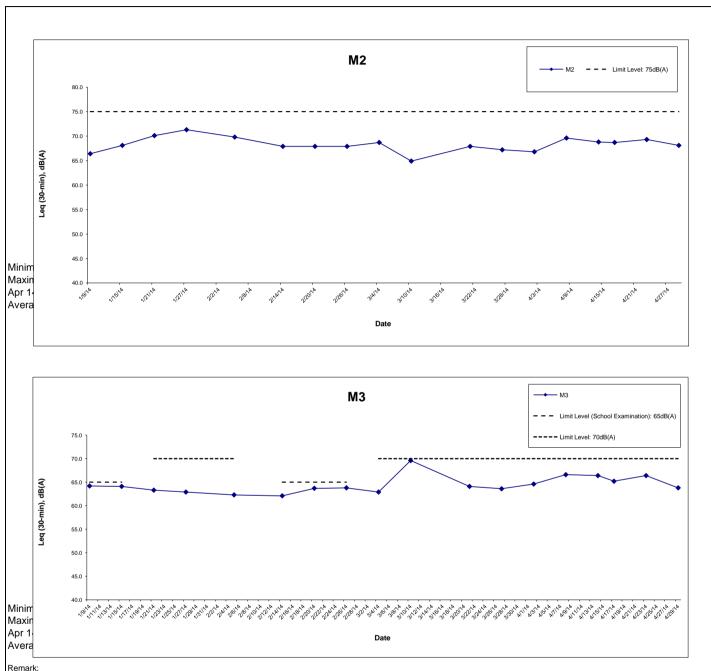
Day time 07:00-19:00 hrs Normal Weekdays Impact Noise Monitoring Results

	Mea	sured Noise Le	Limit Level,	Exceedance		
Date	Start Time	Leq*	L10*	L90*	dB(A)	(Y/N)
9-Jan-14	15:07	66.4	68.7	64.1	75	N
15-Jan-14	14:20	68.1	70.1	65.7	75	N
21-Jan-14	10:15	70.1	72.2	68.0	75	N
27-Jan-14	15:45	71.3	73.0	69.0	75	N
5-Feb-14	13:30	69.8	71.5	65.0	75	N
14-Feb-14	14:30	67.9	69.0	64.3	75	N
20-Feb-14	15:50	67.9	69.6	65.5	75	N
26-Feb-14	13:21	67.9	70.1	64.5	75	N
4-Mar-14	14:30	68.7	70.0	66.6	75	N
10-Mar-14	14:50	64.9	68.3	61.2	75	N
21-Mar-14	14:00	67.9	69.6	64.3	75	N
27-Mar-14	14:30	67.2	69.6	64.5	75	N
2-Apr-14	14:01	66.8	69.5	62.2	75	N
8-Apr-14	10:40	69.6	71.9	66.8	75	N
14-Apr-14	13:15	68.8	71.2	66.9	75	N
17-Apr-14	15:27	68.7	70.3	66.2	75	N
23-Apr-14	15:37	69.3	71.6	67.2	75	N
29-Apr-14	14:22	68.1	69.8	65.8	75	N
Minimum for Fe	eb 14 to Apr 14	64.9	68.3	61.2		
Maximum for F	eb 14 to Apr 14	69.8	71.9	67.2		
Average for Fe	Average for Feb 14 to Apr 14		70.3	65.4		

Location : M3 (Fanling Government Secondary School- Façade)Day time 07:00-19:00 hrs Normal Weekdays Impact Noise Monitoring Results

	Mea	sured Noise Le	vel for 30-min, d	B(A)	Limit Level,	Exceedance
Date	Start Time	Leq	L10	L90	dB(A)^	(Y/N)
9-Jan-14	14:12	64.2	65.9	62.3	65	N
15-Jan-14	13:52	64.1	66.4	61.2	65	N
21-Jan-14	9:50	63.3	64.8	60.1	70	N
27-Jan-14	15:25	62.9	64.0	59.5	70	N
5-Feb-14	14:30	62.3	64.0	59.5	70	N
14-Feb-14	13:45	62.1	63.6	60.2	65	N
20-Feb-14	15:10	63.7	65.3	60.9	65	N
26-Feb-14	13:02	63.8	65.1	61.1	65	N
4-Mar-14	13:40	62.9	64.0	59.0	70	N
10-Mar-14	14:00	69.6	72.4	66.5	70	N
21-Mar-14	13:05	64.1	66.0	60.0	70	N
27-Mar-14	13:35	63.6	64.9	60.0	70	N
2-Apr-14	15:06	64.6	67.0	61.2	70	N
8-Apr-14	11:30	66.6	68.2	64.0	70	N
17-Apr-14	16:32	65.2	67.4	62.5	70	N
14-Apr-14	13:55	66.4	69.2	62.6	70	N
23-Apr-14	16:27	66.4	68.1	64.5	70	N
29-Apr-14	13:38	63.8	65.5	61.1	70	N
Minimum for Fe	b 14 to Apr 14	62.1	63.6	59.0		
Maximum for Fe	Maximum for Feb 14 to Apr 14		72.4	66.5		
Average for Fe	b 14 to Apr 14	65.2	67.2	62.2		

^{* +3}dB(A) Façade effect correction included ^ Limit Level of 70dB(A) applies to education institutes while 65dB(A) applies during school examination period.



Remark:
^ Limit Level of 70dB(A) applies to education institutes while 65dB(A) applies during school examination period.

CONTRACT NO. HY/2012/06

Project No.: 60307376

WIDENING OF FANLING HIGHWAY - TAI HANG TO WO HOP SHEK INTERCHANGE

Graphical Presentation of Impact Daytime Construction Noise Monitoring Results

Appendix G



APPENDIX H
STATISTICS ON COMPLAINTS,
NOTIFICATION OF SUMMONS AND
SUCCESSFUL PROSECUTIONS

Appendix H
Statistics on Complaints, Notifications of Summons and Successful Prosecutions

	Date Received	Subject	Status	Total no. followed up by the ET this month	Total no. followed up by the ET since project commencement
Environmental	19 December 2013	EPD referred a complaint from Lot no. 116 of Fui Sha Wai at Tai Hang of Tai Po which is concerned about the construction noise and diesel-like smell generated from construction activities nearby which caused nuisance and health problems on 19 December 2013 morning.	Closed	1	2
complaints	24 February 2014	EPD referred an air-and-odour complaint on 24 February 2014. The complainant complained about the construction site located near the bus stop in Fui Sha Wai, Tai Hang, Tai Wo Service Road West. When construction works were carried out, odour, white smoke and dust were generated. The complainant asked for follow-up actions.	Closed	1	2
Notification of summons	-	-	-	0	0
Successful Prosecutions	-	-	-	0	0

APPENDIX I COMPLAINT INVESTIGATION REPORT

CONTRACT NO. HY/2012/06

Widening of Fanling Highway

Between Tai Hang and Wo Hop Shek Interchange (Stage 2)

ENVIRONMENTAL COMPLAINT ACTION FORM

Environmental Enquiry No.: EC-02 (Related Previous Enquiry NO.: --)

COMPLAINT DETAILS

Date Received	24 February 2014			
Parameter	* Air and Odour nuisance / Noise/ Water / Waste / Landscape			
Enquirer's Details				
Name	Not disclosed			
Contact Tel No.	Not disclosed			
Address	Not disclosed			

FOLLOW-UP ACTION

First Contact with the Complaint by	* Telephone / Site Visit / Referral from EPD (ref.		
That Contact with the Complaint by	N05/RN/00003924-14)		
Date of the First Contact	24 February 2014		

Details of Complaint:

EPD referred an air-and-odour complaint on 24 February 2014. The complainant complained about the construction site located near the bus stop in Fui Sha Wai, Tai Hang, Tai Wo Service Road West. When construction works were carried out, odour, white smoke and dust were generated. The complainant asked for follow-up actions.

Investigation and Findings:

According to the information of the Contractor (China State Construction Engineering (HK) Ltd.), pre-drilling works for ground investigation were carried out at the construction site in Fui Sha Wai at Tai Hang on 24 February 2014. The odour was likely generated from the exhaust of drill rig during operation (Figure 1A).

Upon receiving the complaint notification from the EPD on 24 February 2014, the Contractor shut down the diesel water pump at once. Since a similar complaint received on 19 December 2013, the Contractor has subsequently extended the exhaust duct of the drill rig to a higher position to achieve better gas dispersion, intending to reduce the impact to the public (Figure 2). As the exit

of the exhaust duct is facing the bridge, it cannot be extended too high; otherwise, the bridge users will be affected by the exhaust. In order to further reduce the impacts, a screen was erected to prevent the exhaust of the drill rig from affecting the bridge users. Both the drill rig and diesel water pump were relocated about 30 meters away from the original position on 25 February 2014. Furthermore, the Contractor was reminded to shorten the operation time of the drill rig to minimize the impacts caused to the public.

To the judgment of Mr Michael Tsang, the Environmental Officer of the Contractor, it has been affirmed that the machinery exhaust did not exceed the statutory standards. The notification letter from the EPD justifying his qualification of dark smoke reporter is indicated in Figure 3. However, the Contractor was reminded to maintain and change the filters of the machines regularly to minimize the emission of smoke.

During the construction works, the Contractor has sprayed water in case there was any fugitive dust emission. Thus, it is believed that the ground investigation works did not involve dusty processes. As seen from Figures 2 and 4, no dust emission was observed.

The complaint is considered project-related.

The Contractor is advised to implement the mitigation measures as stated in "Recommended Mitigation Measures".

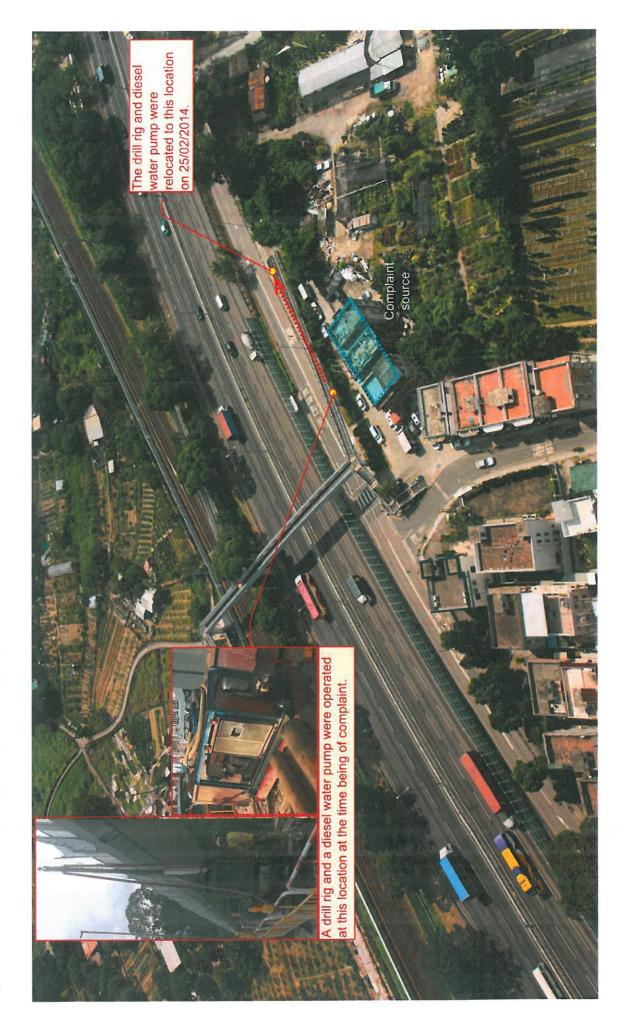
Exceedance Associated with Site	* No Exceedance /-Action / Limit-
Activity to	No Exceedance /- Notion Emili

Recommended Mitigation Measures:

- 1) Extend the exhaust duct of drill rig to a higher position to achieve better gas dispersion to reduce the impact to the residents;
- 2) Reschedule works to minimize disturbance to the residents;
- 3) Inspect the machines regularly to ensure that they are operating efficiently and that exhaust emissions are not causing nuisance;
- 4) Inform residents nearby in advance of any similar works;
- 5) Confirm the implementation of dust mitigation measures during all construction and dusty activities to minimize fugitive dust generation;
- 6) Maintain the frequency of environmental supervision (by the Contractor) to regularly review the adequacy and effectiveness of dust suppression measures to suit the construction progress;
- 7) Inform the complainant before dusty activities are carried out; and
- 8) Foster better public relations with the sensitive receivers and complainants nearby.

^{*} Delete where inappropriate

MONITORING					
Ad hoc Monitoring undertaken		* Yes / No			
			3		
			<u> </u>		
* Delete where inappro	opriate				
Prepared by:	Y W Fung				
Designation:	Environment	al Team Leader			
Signature:	V				
Date:	7-1	10V-14			



Environmental Enquiry Form

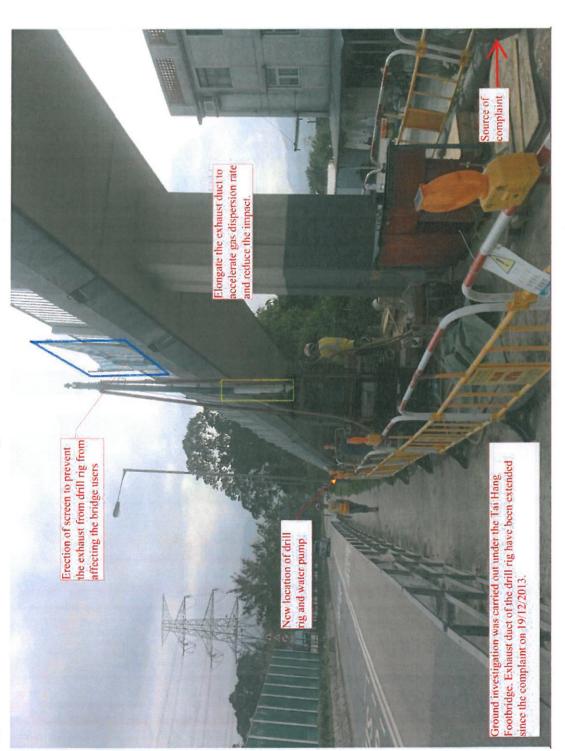


Figure 2 - Extension of the exhaust duct of drill rig

Figure 3 - Notification letter from the EPD justifying Mr Michael Tsang's qualification of dark smoke reporter

本署檔號 YOUR REF -

TEL. NO.: 2594 6468

國交傳真 2827 8230

電話

FAX NO. :

本署檔號 OUR REF.: 來兩檔號

Environmental Protection Department

Mobile Source Control Section(1)

34/F, Revenue Tower

5 Gloucester Road

Wan Chai, Hong Kong Homepage (網址): http://www.epd.gov.hk

環境保護署

流動污染源管制課(1)

香港灣仔

告士打道5號

稅務大樓34樓

新界馬鞍山 錦豐苑錦蕙樓 3511室 曾川銘先生

曾先生:

車輛黑煙管制計劃

多謝你在 2008 年 4 月 26 日参加本署舉辦的檢舉員訓練課程・當日你已完成了全部 課程並順利考試合格,並從本信的簽發日期起,成爲本計劃下的認可檢舉員。 歡迎你加 入本計劃,你的檢舉員編號爲 8286。請在遞交冒煙車輛報告表時確保此編號已註明在報 告表上。

現隨信夾附傳真版的冒煙車輛報告表乙份,報告表上已印有你的姓名及檢舉員編號,專 供你個人使用。你可將上述冒煙車輛報告表複印使用,如有查詢或索取報告表,請致電 2594 6476 與本署聯絡。

由於我們需根據你提供的資料採取行動,所以,請以慎重的態度來執行檢學黑煙車輛的 工作。在有爭議時,你將會是關鍵證人。正如我們在課堂上所強調的,你應該在肯定車輛持續 地冒出過量黑煙的情況下才作出檢舉。謹此再次多謝你出席訓練課程,並期待你能積極參與本 計劃。

> 環境保護署署長 代行)

(黃柏興

2008年5月16日



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