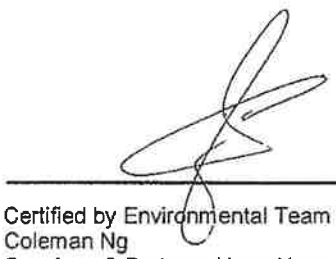
Highways Department

Agreement No. HMW 5/2009 (EP) Traffic Improvement to Tuen Mun Road Town Centre Section

Monthly Environmental Monitoring and Audit Report - August 2010

Revision 3



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Executive Summary

This is the first monthly Environmental Monitoring and Audit (EM&A) report prepared by Ove Arup & Partners Hong Kong Limited (Arup), the designated Environmental Team (ET), for the Project "Traffic Improvement to Tuen Mun Road Town Centre Section". This report presents the results of EM&A works conducted in the month of August 2010 (2 to 31 August 2010).

In the reporting month, the following activities took place for the Project:

- Site clearance
- site hoarding construction;
- Tree transplanting; and
- Ground investigation.

Monitoring of 24-hour Total Suspended Particulates (TSP) and noise during non-restricted hours was performed and the results were checked and reviewed. Site audits were conducted on weekly basis. The implementation of the environmental mitigation measures, Event and Action Plans were checked.

Impact monitoring was carried out at 6 air quality sensitive receiver (SR) and 6 noise SRs during the reporting month.

Environmental Monitoring Works – Breaches of Action and Limit Levels

Air Quality

All measured 24-hour TSP concentrations in the reporting month were below the Action and Limit (AL) Levels.

Noise

Three (3) limit level exceedances for noise measurement during non-restricted hours were recorded on 5, 11 and 23 August 2010 at location N2 (Tung Wah Group of Hospitals Tai Tung Pui Social Service Building). Based on the field observations, it was revealed that the exceedances were mainly caused by traffic noise along Tuen Mun Road. It was therefore concluded that the noise exceedance was not related to the construction activities. No further actions were applicable. Construction works were carried out during the restricted hours, the conditions stipulated in CNPs of related construction works were strictly followed by the Contractor. No non-compliance was recorded.

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Landscape and Visual Audit

In the reporting month, landscape and visual site audit in accordance with the requirements stipulated in the EIA report was conducted on 11 and 27 August 2010.

In the reporting month, total 92 trees were felled and the pruning of the transplanted trees was carried out in accordance with the Specification for Tree Protection and Transplanting Works in Landscape Plan. The updated statuses of the felled and transplanted trees during the reporting month are described in Section 8.

The implementation and maintenance of landscape and mitigation measures, listed in EIA report, were checked during the site audit. No substantial change of LR, LCA and VSR was noted. No non-compliance has been triggered during the reporting month.

Waste Disposal

Inert C&D materials with actual amount of 43.875 m^3 were generated and disposed of at public fills at Tuen Mun Area 38 in the reporting month. 24.38 m^3 general refuse were generated and disposed of at WENT landfill in the reporting month.

Environmental Licensing and Permitting

Permits or licenses granted to the Project included the Environmental Permit of the Project (EP-342/2009/A), Chemical Waste Producer Registration (5213-324-G3597-01) and Construction Waste Billing Account (7010350);

Construction Noise Permits (GW-RW0189-10 and GW-RW0307-10); and

Wastewater Discharge License under WPCO (WT00007396-2010 and WT00007251-2010).

Environmental Auditing

A total of 4 environmental site audits were conducted on a weekly basis in the reporting month. No non-conformance to the environmental requirements was identified during the reporting period.

Complaint Log

No complaint in relation to the environmental issues was made against the Project in the reporting month.

Notifications of Summons and Successful Prosecutions

No summonses or prosecution related to the environmental issues were made against the Project in the reporting month.

Reporting Changes

There were no reporting changes in the reporting month.

Future Key Issues

Construction noise is one of the key environmental issues. The implemented construction noise mitigation measures should also be maintained and improved as necessary. Especially in restricted hours, the conditions stipulated in CNPs should be strictly followed when the construction works were carried out during the restricted hours.

Construction dust is another key environmental issue. The implemented construction dust mitigation measures should also be maintained and improved as necessary. Furthermore, water quality impact is also key environmental issue. As rainy season has approached, special attention should be paid to avoid any muddy surface runoff from exposed soil surface during rainy days. The effective and efficiency mitigation measures should be strictly implemented and improved if necessary.

1 Project Information

1.1 Project Background

Ove Arup & Partners Hong Kong Limited (Arup) was appointed by Highways Department (HyD) as the Environmental Team (ET) for *Agreement No. CE22/2005 (HY) Supplementary Agreement 1 Traffic Improvements to Tuen Mun Road Town Centre Section* (the Project) under Agreement No. HMW 5/2009 (EP) Traffic Improvements to Tuen Mun Road Town Centre Section. Environmental parameters including air quality, noise and landscape and visual are required for baseline monitoring prior to the commencement of the Project. The major construction period of the Project is planned to be commenced from August 2010 to January 2014.

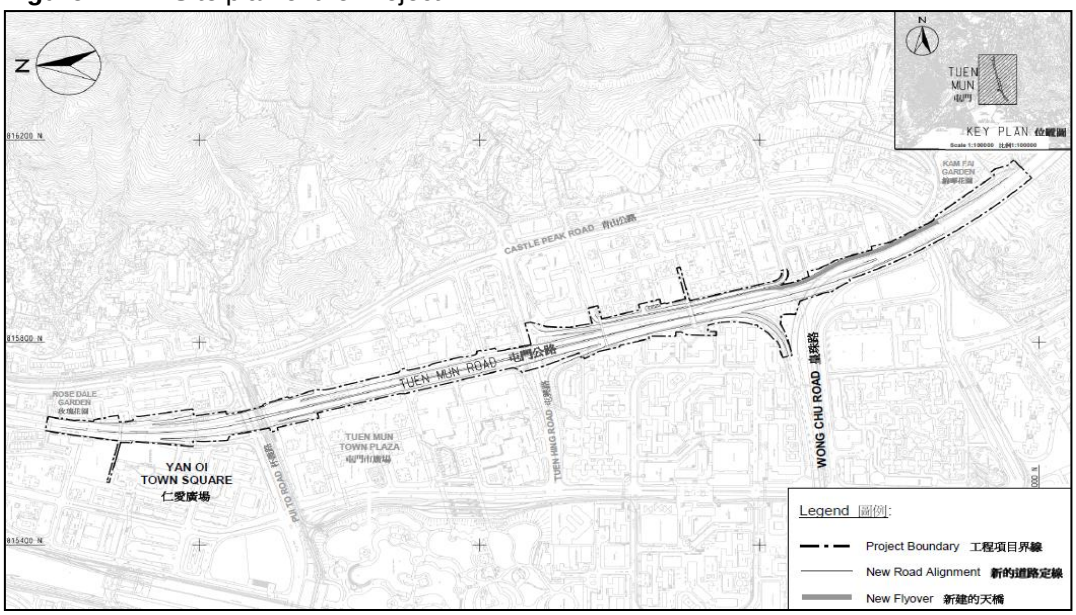
The Project involves widening the following sections of TMR from dual-two carriageway to dual-three carriageway:

- Wong Chu Road Section, (from Wong Chu Road Interchange to Tuen Hing Road);
- Tuen Mun Town Plaza Section, (from Yan Oi Town Square to Tuen Hing Road).

The Project is a designated project under Schedule 2 of the Environmental Impact Assessment (EIA) Ordinance (Cap. 499). Environmental Monitoring and Audit (EM&A) work is required in accordance with the conditions stipulated in the Environmental Permit (EP) (EP-342/2009/A) and the EM&A Manual of the Project.

The site plan of the Project is shown in **Figure 1.1**.

Figure 1.1 Site plan of the Project



1.2 1.2 Project Organization

The structure of the project organisation in relation to the environmental management is shown in **Figure 1.2**. Contacts of key environmental staff of the Project are shown in **Table 1.1**.

Figure 1.2 Project Organization – Environmental Management

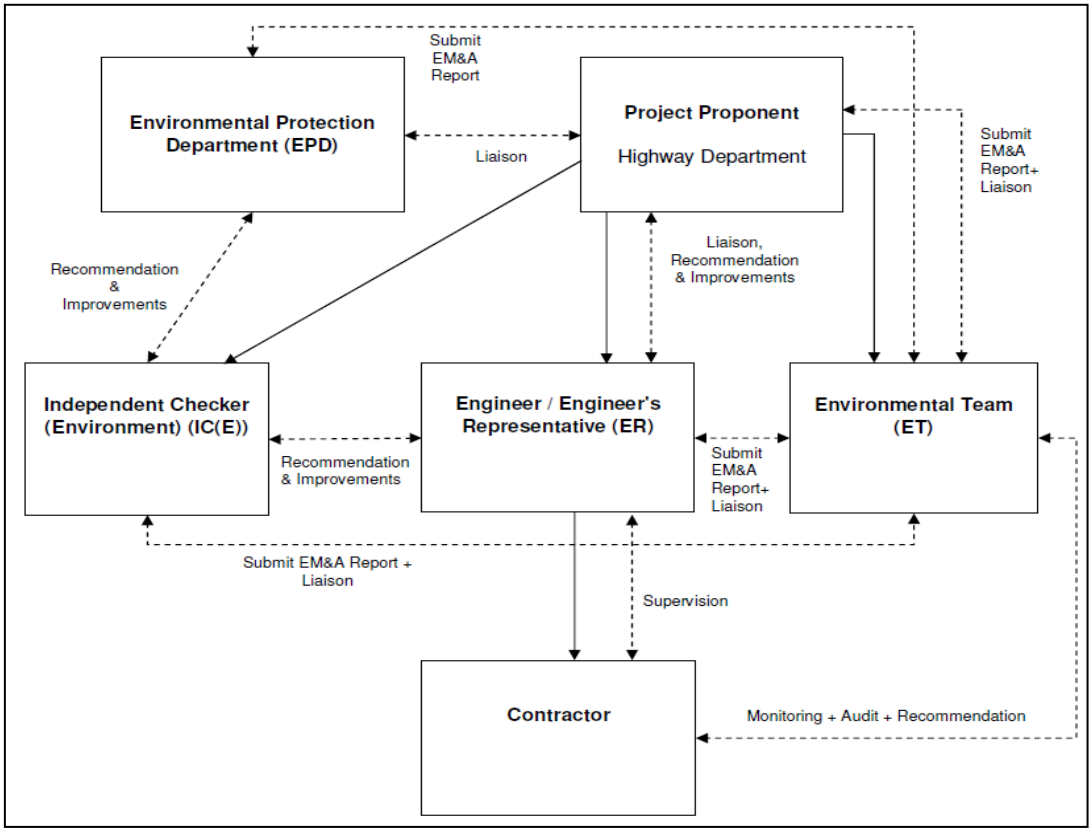


Table 1.1 Contacts of key environmental staff

Organization	Name	Telephone
Environmental Protection Department		
Environmental Protection Officer (Strategic Assessment)22	Thomas To	2835 1103
Engineer's Representative		
Highways Department: Senior Engineer	Kenneth Chan	2762 3422
Independent Environmental Consultant		
ENVIRON Hong Kong Limited: Independent Environmental Checker	David Yeung	3743 0717
Environmental Team		
Ove Arup & Partners Hong Kong Ltd: Environmental Team Leader	Coleman Ng	2268 3097
Contractor		
China Harbour Engineering Company Limited		
Site Agent	Kenny Cheung	2403 0503
Safety and Environmental Officer	Marko Chan	2403 0527

1.3 Construction Programme

The Scope of the Project comprises:

(a) Widening of the Tuen Mun Road Town Centre Section (TMRTCS) between Yan Oi Town Square and Wong Chu Road of approximately 1.5km long from a dual two-lane carriage to a dual three-lane carriage;

(b) Resurfacing of existing section of the Tuen Mun Road (TMR);

(c) Construction of a single-lane flyover of approximately 450m long, which extends from Tuen Hing Road and runs along Tsing Hoi Circuit to merge eventually with the TMR Kowloon-bound carriage;

(d) Reconstruction of the slip road of the existing Wong Chu Road of approximately 80m long to facilitate proper merge with the new flyover mentioned in paragraph (c) above;

(e) Demolition and reconstruction of four existing footbridges and provision of two temporary footbridges during the construction period;

(f) Improvement of three existing traffic light signal-controlled junctions along Castle Peak Road (CPR) between Tuen Hing Road and Hoi Wing Road;

(g) Installation of the following along the carriageway:

i. Vertical noise barriers;

ii. Cantilevered noise barriers;

iii. Semi-enclosures; and

iv. Full-enclosures;

(h) Provision of a traffic control and surveillance system (TCSS); and

(i) Associated civil, structural, landscaping, geotechnical works, and works on reprovisioning of existing facilities, environmental mitigation, drainage, road lighting, water mains and traffic aids.

The construction period of the Project is planned to be commenced from August 2010 to January 2014. An up-to-date rolling construction programme is attached in **Appendix A**.

1.4 Construction Activities undertaken during the Reporting Month

The major construction activities carried out by the Contractor in the reporting month are summarized in **Table 1.2**.

Table 1.2 Construction activities in the reporting month

Locations	Major Works Undertaken
All area	Site clearance, site hoarding construction, tree transplanting, ground investigation

1.5 Purpose of the Report

The purpose of the monthly EM&A report is to provide the information on monitoring methodology, monitoring results, environmental permit status, site audit findings, recommendations and conclusions for the scope of impact EM&A. This is the first monthly EM&A report summarising the monitoring methodology, locations, periods, frequencies, results and any observation from the air quality, noise, water quality, ecology, waste management, landscape and visual monitoring and environmental site audit from 2 to 31 August 2010.

2 Environmental Status

2.1 Work Done

The major construction activities carried out by the Contractor in the reporting period are summarized in **Table 1.2.**

2.2 Project Area, Sensitive Receivers and Environmental Monitoring Locations

The Project area is shown in **Figure 1.1**, while **Table 2.2** and **Figure2.1** show the names and locations of the sensitive receivers and monitoring stations.

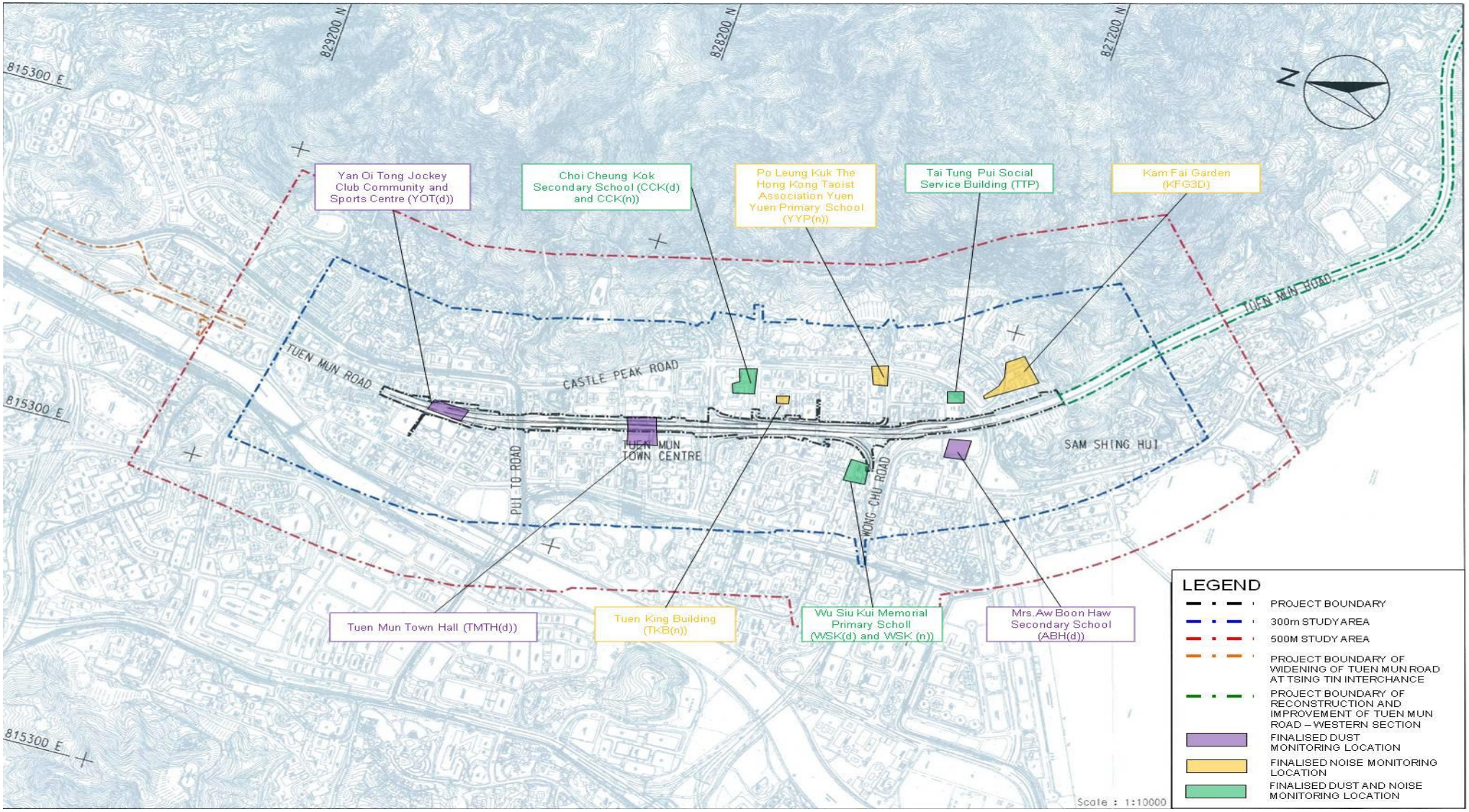
2.3 Impact Monitoring Schedule

Environmental monitoring and audit will be carried out in accordance with the requirements stipulated in the EM&A manual. Air, noise, landscape and visual monitoring as well as weekly site audit schedule for the reporting period with respect to the construction programme is shown in **Appendix B**.

Table 2.2 Summary of air and noise monitoring stations

ID	Premise
Air	
AM1	Chung Sing Benevolent Society Mrs. Aw Boon Haw Secondary School
AM2	Tung Wah Group of Hospitals Tai Tung Pui Social Service Building
AM3	Shun Tak Fraternal Association Wu Siu Kui Memorial Primary School
AM4	The Chinese Manufacturers' Association Of Hong Kong Choi Cheung Kok Secondary School
AM5	Tuen Mun Town Hall
AM6	Yan Oi Tong Jockey Club Community and Sports Centre
Noise	
N1	Kam Fai Garden
N2	Tung Wah Group of Hospitals Tai Tung Pui Social Service Building
N3	Po Leung Kuk The Hong Kong Taoist Association Yuen Yuen Primary School
N4	Shun Tak Fraternal Association Wu Siu Kui Memorial Primary School
N5	Tuen King Building
N6	The Chinese Manufacturers' Association Of Hong Kong Choi Cheung Kok Secondary School

Figure 2.1 Location of air and noise monitoring stations



3 Environmental Licensing and Permitting

All permits/licences inspected in the reporting period are summarised in **Table 3.1**. They are all properly kept by the contactor at their site office.

Table 3.1 Summary of environmental licensing status

Types of Permits / Licenses	Reference No.	Valid from	Valid to
Environmental Permit	EP-342/2009	15 May 09	Superseded
	EP-342/2009/A	27 Oct 09	N/A
Discharge License under WPCO	WT00007396-2010	30 Aug 10	30 Sep 15
	WT00007251-2010	12 Aug 10	31 Aug 15
Notification of Construction Work under APCO	Ref. No. 314528	03 Mar 10	N/A
Construction Noise Permit	GW-RW0189-10	28 Apr 10	24 Oct 10
	GW-RW0307-10	18 Jul 10	24 Nov 10
Chemical Waste Producer Registration	5213-424-C3597-01	26 Mar 10	N/A
Construction Waste Billing Account	7010350	25 Mar 10	N/A

4 EM&A Requirements

4.1 Monitoring Requirements

4.1.1 Air Quality

Monitoring Parameters

Air quality monitoring shall be measured in terms of the TSP levels for 1-hour and 24-hour period.

Monitoring Frequency

24-hour TSP levels shall be monitored during the construction stage while 1-hour TSP levels shall be required to monitor in case of complaints received. The monitoring parameters and frequency are summarised in **Table 4.1**.

Table 4.1 TSP monitoring parameters and frequency

Parameters	Monitoring Frequency
24-hour TSP	Once every 6 days
1-hour TSP	3 times every 6 days (as required in case of complaints)

Monitoring Locations

In accordance with the EM&A Manual and the subsequent Baseline Report, six air quality monitoring locations during construction stage are required, namely:

(i) Chung Sing Benevolent Society Mrs. Aw Boon Haw Secondary School (AM1);

(ii) Tung Wah Group of Hospitals Tai Tung Pui Social Service Building (AM2);

(iii) Shun Tak Fraternal Association Wu Siu Kui Memorial Primary School (AM3);

(iv) The Chinese Manufacturers' Association Of Hong Kong Choi Cheung Kok Secondary School (AM4);

(v) Tuen Mun Town Hall (AM5); and

(vi) Yan Oi Tong Jockey Club Community and Sports Centre (AM6).

Wind Monitoring

Wind monitoring data including wind speed and wind directions shall be collected from Hong Kong Observatory – Tuen Mun Monitoring Station.

4.1.2 Construction Noise

Monitoring Parameters

Construction noise shall be measured in terms of the A-weighted equivalent continuous sound pressure level (L_{eq}). L_{10} and L_{90} shall also be recorded as supplementary reference information for data auditing.

Monitoring Frequency

Noise measurements shall be conducted on a weekly basis. The monitoring time periods, monitoring parameters and frequency are summarised in **Table 4.2**.

Table 4.2 Construction noise monitoring parameters and frequency

Time Period (when construction activity is found)	Parameters	Monitoring Frequency
Between 0700-1900 hours on normal weekdays	$L_{eq(30\ min)}$	Once per week
Between 1900-2300 hours on normal weekdays	$L_{eq(5\ min)}$*	

Time Period (when construction activity is found)	Parameters	Monitoring Frequency
Between 2300-0700 hours of next day		
Between 0700-1900 hours on holidays		

* The $L_{eq(5\ min)}$ will only be measured if construction activities are conducted.

Monitoring Location

In accordance with the EM&A Manual and the subsequent Baseline Report, sixe noise monitoring location during construction stage is required, namely:

(i) Kam Fai Garden (N1);

(ii) Tung Wah Group of Hospitals Tai Tung Pui Social Service Building (N2);

(iii) Po Leung Kuk The Hong Kong Taoist Association Yuen Yuen Primary School (N3);

(iv) Shun Tak Fraternal Association Wu Siu Kui Memorial Primary School (N4);

(v) Tuen King Building (N5); and

(vi) The Chinese Manufacturers' Association Of Hong Kong Choi Cheung Kok Secondary School.

4.1.3 Landscape and Visual Impact

Monitoring Parameters

The landscape and visual conditions of the site and its vicinity shall be reviewed with regards to parameters assessed in the EIA Report, including landscape resources (LR), landscape character area (LCA) and view condition of visual sensitive receiver (VSR). The components of each assessed parameter of LR, LCA and VSR are summarised in **Table 4.3**.

Table 4.3 Parameters of landscape resources, landscape character areas and landscape sensitive receivers assessed during baseline site survey

ID No.	Names
Landscape Resources	
LR1	Tsing Sin Playground
LR2	Roadside Planting along Tuen Mun Road Adjacent to Kam Fai Garden
LR3	Street trees along Castle Peak Road – Castle Peak Bay
LR4	Street trees along Tuen Mun Road west of Chi Lok Fa Yuen and east of On Ting Estate
LR5	Street trees along Tuen Mun Road west of Waldorf Garden and CMA Choi Cheung Kok Prevocational School
LR6	Street trees along Tuen Mun Road near Tuen Mun Town Plaza
LR7	Street trees along Tuen Mun Road east of Yan Oi Tong
LR8	Trees at roadside planting areas near Yan Oi Tong Circuit
LR9	Trees at planting area near Tuen Mun Town Plaza
LR10	Trees at planting area near New Town Mansion
LR11	Trees at planting area near On Ting Estate
LR12	Tsing Hoi Playground
Landscape Character Areas	

ID No.	Names
LZ1	Tuen Mun Residential Urban Landscape
LZ2	Tuen Mun Mixed Modern Comprehensive Urban Development Landscape
LZ3	Tuen Mun 'Hui' Urban Landscape
Visual Sensitive Receivers	
C/R1	Tuen Mun Town Plaza, Waldorf Garden
C/R2	Tuen Cultural Centre, Tuen Mun Town Plaza
C/R3	Chelsea Height
GIC1	Tuen Mun Church and Tuen Mun Tseng Choi Street Joint-user Complex
GIC2	Sin Hing Tong Temple
GIC3	Semple Memorial Secondary School and Chung Shing Benevolent Society Mrs. Aw Boon Haw Secondary School
GIC4	Car park (Open)
GIC5	Yan Oi Tong Community & Sports Centre
GIC6	Tuen Mun Government Secondary School, Choi Cheung Kok Secondary School
GIC7	Madam Lau Wong Fat Primary School, Lui Cheung Kwong College, Leung Kau Kui College, Lui Cheung Kwong Primary School, Wu Siu Kui Primary School
GIC8	Sam Shing Temple
O1	San Hui Playground
O2	Tsing Sin Playground
O3	Siu Lun Sports Ground
O4	Hoi Sin Playground
R1	Residential Area of Tuen Mun San Hui
R2	Residential Area along Yan Oi Tong Circuit
R3	On Ting Estate and Siu On Court
R4	Residential Area along Tsing Hoi Circuit
R5	Handsome Court, Alpine Garden, Hoi Tak Garden and Harvest Garden, Kam Fai Garden
R6	Siu Lun Court
R7	Goodview Garden and Tsui Ning Garden
R8	Sam Shing Estate
R9	Hanford Garden
T1	Tuen Mun Road – Vehicular and Pedestrian

Audit Frequency

The landscape and visual monitoring and audit shall be undertaken bi-weekly throughout the construction period.

Audit Location

The landscape and visual monitoring and audit shall be conducted throughout the entire site area.

4.2 Environmental Quality Performance Limits

The monitoring results will be checked against the Action and Limit levels described in the Baseline Report, of which they are excerpted and summarised in **Tables 4.4 to 4.6**.

Table 4.4 Action and Limit Level for air quality monitoring of 1-hour TSP level

Level	Air Monitoring Stations (Note 1)					
	AM1	AM2	AM3	AM4	AM5	AM6
Action Level, μg/m³	290	291	287	292	286	290
Limit Level, μg/m³	500					

Notes:
(1) The detail of monitoring locations was presented in Table 2.2.
(2) 1-hr TSP monitoring would be required in case of receiving complaints.

Table 4.5 Action and Limit Level for air quality monitoring of 24-hour TSP level

Level	Air Monitoring Stations (Note 1)					
	AM1	AM2	AM3	AM4	AM5	AM6
Action Level, μg/m³	146	151	150	150	146	147
Limit Level, μg/m³	260					

Notes:
(1) The detail of monitoring locations was presented in Table 2.2.

Table 4.6 Action and Limit Levels of construction noise

Location (Note 1)	Time Period	Action Level	Limit Level dB(A) (Note 2)
N1, N2 & N5	0700 - 1900 hours on normal weekdays	When one documented complaint is received	75
	0700 - 2300 hours on holiday; and 1900 – 2300 hours on all other days		-
	2300 – 0700 hours of next day		-
N3, N4 & N6	0700 - 1900 hours on normal weekdays	When one documented complaint is received	70/65 (Note 3)
	0700 - 2300 hours on holiday; and 1900 – 2300 hours on all other days		-
	2300 – 0700 hours of next day		-

Notes:
(1) The detail of monitoring locations was presented in Table 2.2.
(2) For normal day-time working hours, the noise criteria are 70 dB(A) and 65 dB(A) for normal reaching periods and examination period respectively.
(3) If works are to be carried out during restricted hours, the conditions stipulated in the Construction Noise Permit (CNP) issued by the Noise Control Authority have to be follows.

4.3 Event and Action Plans

The action required to be taken by different parties in case of occurrence of exceedance of A/L Levels are summarised in the Event and Action Plan in **Appendix C**.

4.4 Environmental Mitigation Measures

The environmental mitigation measures carried out were basically followed the requirements described in the EIA report. Major mitigation measures during the construction phase in relation to the air quality, noise, water quality, ecology, waste management as well as landscape and visual are summarised as follows:

Air Quality (Dust) related

- Skip hoist for material transport should be totally enclosed by impervious sheeting;
- Every vehicle should be washed to remove any dusty materials from its body and wheels before leaving a construction site;
- The area where vehicle washing takes place and the section of the road between the washing facilities and the exit point should be paved with concrete, bituminous materials or hardcores;
- Where a site boundary adjoins a road, streets or other accessible to the public, hording of not less than 2.4m high from ground level should be provided along the entire length except for a site entrance or exit;
- Every stack of more than 20 bags of cement should be covered entirely by impervious sheeting places in an area sheltered on the top and the 3 sides;
- All dusty materials should be sprayed with water prior to any loading, unloading or transfer operation so as to maintain the dusty materials wet;
- The height from which excavated materials are dropped should be controlled to a minimum practical height to limit fugitive dust generation from unloading;
- The load of dusty materials carried by vehicle leaving a construction site should be covered entirely by clean impervious sheeting to ensure dust materials do not leak from the vehicle; and
- Instigation of an environmental monitoring and auditing program to monitor the construction process in order to enforce controls and modify method of work if dusty conditions arise.

Construction Noise related

Mitigation measures are implemented in three levels, namely Level 1, which involves adoption of quiet PME; Level 2, which involves provision of movable noise barrier; and Level 3, which involves scheduling of construction activities.

Level 1 – Adoption of Quiet PME

- Quieter PME to be used in the assessment are given in **Table 4.7**.

Table 4.7 Listing of Quiet PME items

Powered Mechanical Equipment (PME)	Identification Code / BS5228	Maximum SWL, dB(A)
Excavator	C8/33	102
Crane	C7/114	101
Truck	C3/59	105
Concrete Truck	C6/35	100
Poker Vibrator	CNP 173	102
Asphalt Paver	C8/24	101
Roller, vibratory	C3/115	102

Level 2 – Use of Movable Noise Barrier

- Use of movable noise barrier (3m high or above) is proposed to be provided for the PMEs operated in the vicinity of the NSRs given in **Table 4.8** during the construction phase.

Table 4.8 NSRs – with movable noise barrier

NSR	Description
FEC	Far East Consortium Tuen Mun Central Building
FM	Forward Mansion
HTB	Hing Tai Building
TMTP1	Tuen Mun Town Plaza
WG2	Waldorf Garden
CMA*	CMA Choi Cheung Kok Secondary School
LWF*	Yan Oi Tong Madam Lau Wong Fat Primary School
TMF	Tuen Mun Fa Yuen
LCK*	Lui Cheung Kwong Lutheran College
CLFY1	Chi Lok Fa Yuen
TFH	On Ting Estate (Ting Fuk House)
LCKP*	Lui Cheung Kwong Lutheran Primary School
TTP	Tung Wah Group of Hospitals Tai Tung Pui Social Service Building
CSBS*	CSBS Mrs. Aw Boon Haw Secondary School
KFG3D	Kam Fai Garden

Remark: NSR with asterisk means educational institution.

Level 3 – Scheduling of Construction Activities

- It is It is proposed that site clearance and the following activities not to be undertaken in the vicinity of the NSR LCK at stage 2 (Ch. 28050 – 28200 of TMR) so as to reduce construction noise impact during normal teaching hours.
    - Truck would not operate concurrently with other PMEs during tree transplanting and noise barrier foundation work.
    - Tree Transplanting would not be undertaken concurrently with Bulk Excavation and Utilities Diversion.
    - Construction of Storm Water Drain would not be undertaken concurrently with Noise Barrier/Enclosure Foundation.
    - Construction of Sub-base and Road Base would not be undertaken concurrently with Noise Barrier/Enclosure Installation.
    - Road Surfacing, Construction of Road kerbs, Central Dividers, Parapets, and Installation of Crash Cushion and Sign Gantry would not be undertaken concurrently.
    - Installation of Gantry and Directional Lighting, and Street Lighting would not be undertaken concurrently.
- In order to avoid or reduce the construction noise problems at the schools during examination, the Contractor of the Project is suggested to liaison with all the relevant schools (CMA, LWF, LCK, LCKP and CSBS) to check out their examination periods and activities at the beginning of the work programme. Thus, the Contractor can make good

planning and arrangement of works and provide sufficient mitigation plans to alleviate the noise impacts.

- Good Site Practice:
  - Only well-maintained plant should be operated on-site and plant should be serviced regularly during the construction program.
  - Machines and plant (such as trucks) that may be in intermittent use should be shut down between works periods or should be throttled down to a minimum.
  - Plant known to emit noise strongly in one direction should, wherever possible, be orientated so that the noise is directed away from the nearby NSRs.
  - Mobile plant should be sited as far away from NSRs as possible.
  - Material stockpiles and other structures should be effectively utilized, wherever practicable, in screening noise from on-site construction activities.

Water Quality related

Construction Runoff and Drainage

The site practices outlined in ProPECC PN 1/94 "Construction Site Drainage" should be followed as far as practicable in order to minimise surface runoff and the chance of erosion, and also to retain and reduce any suspended solids prior to discharge. These practices include the following items :

- Before commencing any site formation work, all sewer and drainage connections should be sealed to prevent debris, soil, sand etc. from entering public sewers/drains.
- Silt removal facilities such as silt traps or sedimentation facilities should be provided to remove silt particles from runoff to meet the requirements of the TM standards under the WPCO. The design of silt removal facilities should be based on the guidelines provided in ProPECC PN 1/94. All drainage facilities and erosion and sediment control structures should be inspected monthly and maintained to ensure proper and efficient operation at all times and particularly during rainstorms.
- Careful programming of the works to minimise surface excavations for the road improvement works during the wet season. If excavation of soil cannot be avoided during the wet season, exposed slope surfaces should be covered by a tarpaulin or other means. Other measures that need to be implemented before, during, and after rainstorms are summarized in ProPECC PN 1/94.
- Exposed soil surfaces should be protected by paving or fill material as soon as possible to reduce the potential of soil erosion.
- Open stockpiles of construction materials or construction wastes on-site should be covered with tarpaulin or similar fabric during rainstorms. These materials should not be placed near water courses.

General Construction Activities

Debris and refuse generated on-site should be collected, handled and disposed of properly to avoid entering the nearby local stormwater drainage system. Stockpiles of cement and other construction materials should be kept covered when not being used.

- Oils and fuels should only be used and stored in designated areas which have pollution prevention facilities. All fuel tanks and storage areas should be provided with locks and be sited on sealed areas, within bunds of a capacity equal to 110% of the storage capacity of the largest tank. The bund should be drained of rainwater after a rain event.

Sewage Effluents

Temporary sanitary facilities, such as portable chemical toilets, should be employed on-site. A licensed contractor would be responsible for appropriate disposal and maintenance of these facilities.

Waste Management related

Good Site Practices

Adverse impacts related to waste management are not expected to arise, provided that good site practices are adhered to. Recommendations for good site practices during the construction activities include:

- Nomination of an approved person, such as a site manager, to be responsible for good site practices, arrangements for collection and effective disposal to an appropriate facility, of all wastes generated at the site;
- Training of site personnel in proper waste management and chemical handling procedures;
- Provision of sufficient waste disposal points and regular collection for disposal;
- Appropriate measures to minimise windblown litter and dust during transportation of waste by either covering trucks or by transporting wastes in enclosed containers;
- Regular cleaning and maintenance programme for drainage systems, sumps and oil interceptors; and
- A recording system for the amount of wastes generated, recycled and disposed of (including the disposal sites).

Waste Reduction Measures

Good management and control can prevent the generation of a significant amount of waste. Waste reduction is best achieved at the planning and design stage, as well as by ensuring the implementation of good site practices. Recommendations to achieve waste reduction include:

- Segregation and storage of different types of waste in different containers, skips or stockpiles to enhance reuse or recycling of materials and their proper disposal;
- Encourage collection of aluminium cans by providing separate labelled bins to enable this waste to be segregated from other general refuse generated by the workforce;
- Any unused chemicals or those with remaining functional capacity shall be recycled;
- Use of reusable non-timber formwork to reduce the amount of C&D material;
- Prior to disposal of C&D waste, it is recommended that wood, steel and other metals shall be separated for re-use and / or recycling to minimise the quantity of waste to be disposed of to landfill;
- Proper storage and site practices to minimise the potential for damage or contamination of construction materials; and
- Plan and stock construction materials carefully to minimise amount of waste generated and avoid unnecessary generation of waste.

In addition to the above measures, specific mitigation measures are recommended below for the identified waste arisings to minimise environmental impacts during handling, transportation and disposal of these wastes.

Construction and Demolition Material

In order to minimise the impact resulting from collection and transportation of inert C&D material for off-site disposal, it is recommended that the excavated fill material shall be re-used on-site as backfill material as far as possible. The surplus excavated material should

be disposed of at the designated public fill reception facility, as agreed with the Secretary of the Public Fill Committee, for other beneficial uses. C&D waste would require disposal to the designated landfill site. In order to monitor the disposal of C&D materials at the public fill reception facility and landfill and to control fly-tipping, a trip-ticket system should be included (see ETWB TCW No. 31/2004 for details).

Chemical Wastes

After use, chemical wastes (for example, cleaning fluids, solvents, lubrication oil and fuel) should be handled according to the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes. Spent chemicals should be collected by a licensed collector for disposal at the CWTC or other licensed facility, in accordance with the Waste Disposal (Chemical Waste) (General) Regulation.

General Refuse

General refuse should be stored in enclosed bins or compaction units separate from C&D material. A reputable waste collector should be employed by the contractor to remove general refuse from the site, separately from C&D material. An enclosed and covered area is preferred to reduce the occurrence of 'wind blown' light material.

Ecology related

Following EIAO-TM Annex 16 guidelines, mitigation measures are discussed in this section to avoid, minimise and compensate for identified ecological impacts.

Avoid

Construction activities should be confined to developed areas of low ecological value. There should be no direct impact on other habitats within the Study Area.

Minimise

Noise mitigation measures, including installation of noise-emitting construction plant away from egretry, careful scheduling of noisy works with high disturbance impact to avoid breeding season of ardeid species (i.e. mid March to August) to prevent impacts on nesting activities of Little Egret, operation of well-maintained machinery, and use of noise reduction facilities could be implemented to mitigate noise impacts arised from construction activities such as road widening and road paving. Temporary noise barrier should also be used to reduce the level of noise during construction. Noise impact would be minimised during operation phase as permanent noise barrier has been proposed to be constructed. These measures could minimise disturbance to habitats within and adjacent to the proposed Works Area.

In order to minimise the impact of construction dust to the vegetation and associated wildlife within and around the proposed Works Area, practical measures such as regular watering, complete coverage of dusty material storage piles, and the use of minimum practical height for dropping excavated material should be implemented.

Standard good site practice measures should be implemented and should include:

- Placement of equipment in designated Works Areas within the existing disturbed land.
- Construction activities should be restricted to the proposed Works Area.
- The proposed Works Area should be reinstated immediately after completion of the works.
- Open burning on proposed works site is illegal, and will be strictly enforced.
- Waste skips should be provided to collect general refuse and construction wastes, which should be disposed regularly and properly off-site.
- Soil contaminated by fuel leaked from construction plants should be removed and treated.

Mitigation measures should be implemented to prevent and minimise the indirect impacts to the nearby Tuen Mun River Channel by controlling construction site runoff and drainage from the proposed Works Area. Site runoff could be directed towards regularly cleaned and maintained sand traps, silt traps and where appropriate, oil/grease separators to minimise risk of sedimentation and pollution to the river channel. Debris and rubbish generated on-site should be collected, handled and disposed properly.

In order to prevent and minimise the chance of bird collision during operation phase, falcon sticker, tinted materials, embedded opaque stripes and superimposed patterns of thin opaque stripes are methods that could be used during the design of noise barrier.

Compensate

Compensatory planting is recommended as the current roadside plantation must be removed to give way to the works. Species of choice should be composed of similar native species and the felling and planting ratio should be no less than 1:1 in terms of quality and quantity.

Landscape and Visual related

- Topsoil, where identified, should be stripped and stored for re-use in the construction of the soft landscape works, where practical.
- Existing trees to be retained on site should be carefully protected during construction.
- Trees unavoidably affected by the works should be transplanted where practical.
- Compensatory tree planting should be provided to compensate for felled trees.
- Control of night-time lighting.
- Erection of decorative screen hoarding compatible with the surrounding setting.

4.5 Environmental Requirements in Contract Documents

Environmental requirements described in contract documents are mainly related to the compliance implementation in respect of the conditions stipulated in the EM&A manual and Environmental Permit.

5 Implementation Status

5.1 Implementation Status of Mitigation Measures

Table 5.1 summarises the key observations and ET's corresponding recommendations during reporting month while the Contractor's response and follow-up status are described in Section 10.1.

Table 5.1 Summarizes of the key observations and ET's recommendations

Location	Key Observations and Recommendations
	Dust Mitigation Measures
On Ting Estate	The Contractor should provide the covering of exposed soil by tarpaulin to avoid dust disturbance.
	Water Quality Mitigation Measures
On Ting Estate	The Contractor should provide the cover the gully inlet to avoid soil dropping into gully during site clearance.
	The Contractor should increase the height of sandbag bunding along the stockpile boundary to avoid any wastewater overflowing to public area during raining.
Lui Cheung Kwong College	Runoff from the school should be diverted and not to be washed across the site.
	Landscape Mitigation Measures
Lui Cheung Kwong College	Tree protection should be improved and construction materials should be placed away the trees.

5.2 Updated Implementation Schedule

According to the Environmental Permit, the mitigation measures detailed in the permits are required to be implemented. The Implementation Schedule of Mitigation Measures was inspected during the weekly site inspections in reporting month. The details of the findings/observations are described in Section 10.1. An updated summary of the Implementation Schedule of Mitigation Measures is presented in **Appendix D**.

6 Air Monitoring

6.1 Air Monitoring Methodology

6.1.1 Monitoring Equipment

High Volume Sampler (HVS) was used to monitor the 24-hour TSP. **Table 6.1** shows the equipment used for the air quality monitoring.

Table 6.1 Air quality equipment list for impact air quality monitoring

Equipment	Manufacturer & Model No	Measurement Parameter	Quantity	Serial No.
High Volume Sampler	GS-2310105 / TE-5170	24-hour TSP	6	521, 522, 505, 1278, 516 & 510
Fibreglass Filter	G810		30	-
HVS Calibration Kit	GMW-2535		1	1378

6.1.2 Maintenance and Calibration

The HVSs and their accessories were frequently checked and maintained in accordance with the manufacturer's operation and maintenance manual. The maintenance included checking of supporting screen and gasket, as well as routine replacement of motor carbon brushes for the blower motor. The power cords and power supply were checked each time before sampling to ensure proper operation.

The HVSs were calibrated at 2-month intervals using GMW-2535 calibration kit which is re-calibrated by the manufacturer after one year of use. The calibration spreadsheets of the HVS and calibration certificate of the calibration kit are provided in **Appendix E**.

6.1.3 Monitoring Procedures

Specifications of the HVS are as follows:

- 0.6 – 1.7 m^3/min (20 – 60SCFM);
- Equipped with a timing/control device with +/- 5 minutes accuracy for 24 hour operation;
- Installed with elapsed time meter with +/- 2 minutes accuracy for 24 hour operation;
- Capable of providing a minimum exposed area of 406 cm^2 (63in^2);
- Flow control accuracy: +/-2.5% deviation over 24-hour sampling period;
- Equipped with a shelter to protect the filter and sampler;
- Incorporated with an electronic mass flow rate controller or other equivalent devices;
- Equipped with a flow recorder for continuous monitoring;
- Provided with a peaked roof inlet;
- Incorporated with a manometer;
- Able to hold and seal the filter paper to the sampler housing at horizontal position;
- Easy to change the filter; and
- Capable of operating continuously for 24-hour period.

The HVSs were equipped with an electronic mass flow controller and calibrated against a traceable standard at regular intervals. All equipment, calibration kit and filter papers were clearly labelled.

The relevant data including temperature, pressure, weather conditions, elapsed-time meter reading for the start and stop of the sampler, identification and weight of the filter paper, and other special phenomena observed and work progress of the concerned site were recorded.

A HOKLAS accredited laboratory (ALS Technichem (HK) Pty Ltd (HOKLAS no.: 066)), in accordance with their standard QA/QC procedures, with constant temperature and humidity control as well as equipped with necessary measuring and conditioning instruments to handle the 24-hour TSP samples was employed for sample analysis, and equipment calibration and maintenance. Filter papers of size 8"x10" were labelled before sampling. They were inspected clean with no pin holes and conditioned in a humidity controlled chamber for over 24-hour and be pre-weighed before use for the sampling.

The 24-hour TSP levels were measured by following the standard High Volume Method for Total Suspended Particulates as set out in the *Title 40 of the United States Code of Federal Regulations, Chapter 1 (Part 50), Appendix B*. TSP was sampled by drawing air through a conditioned, pre-weighted filter paper inside the HVS at a controlled air flow rate. After 24-hour sampling, the filter papers loaded with dust were kept in a clean and tightly sealed plastic bag, and then returned to the laboratory for reconditioning in the humidity controlled chamber followed by accurate weighing by an electronic balance with a readout down to 0.1 mg. All the collected samples shall be kept in a good condition for 6 months before disposal.

6.2 Monitoring Results and Observations

6.2.1 Weather Condition

No adverse weather conditions, in particular adverse wind speed & wind direction and fog & rain that may significantly affect or invalidate the collected monitoring data, were registered during the reporting period.

6.2.2 Air Quality Monitoring Results

Monitoring of 24-hour TSP was conducted on 6, 12, 18, 24 and 30 August 2010. All monitoring data and graphical presentation of the monitoring results are provided in **Appendix F** and are summarised in **Table 6.2**. Wind data obtained from the Hong Kong Observatory – Tuen Mun Station during the reporting month is presented in **Appendix G**.

Table 6.2: Summary of impact air quality monitoring results for reporting month

	Location					
	AM1	**AM2**	**AM3**	**AM4**	**AM5**	**AM6**
Average 24-hr TSP Concentration, μg/m³ (Range)	46 (14 – 98)	62 (29 – 131)	64 (22 – 107)	40 (15 – 70)	37 (24 – 54)	42 (21 – 108)

All 24-hour measurements during the reporting month were below the Action/Limit Level. No exceedance of action and limit level was found.

6.2.3 General Observations

Major construction works including site clearance, site hoarding construction and ground investigation were implemented during the reporting month. No abnormal condition was recorded during monitoring period.

7 Noise Monitoring

7.1 Noise Monitoring Methodology

7.1.1 Monitoring Equipments

Noise level was measured by a Sound Level Meter (SLM) in terms of A-weighted equivalent continuous sound pressure level. L_{eq}, L_{10} and L_{90} were recorded as supplementary information for data auditing. **Table 7.1** shows the equipment list of the noise monitoring.

Table 7.1 Noise equipment list for impact noise monitoring

Equipment	Manufacturer & Model No.	Serial No.	Precision Grade	Qty.
Integrated SLM	Brüel & Kjær 2238	2320694, 2320696, 2320707, 2562763, 2654435 & 2654436	IEC 651 Type 1 IEC 804 Type 1	6
½" free-field microphone	Brüel & Kjær 4188	2641132, 2630747, 2630746, 2658559, 2658546 & 2658547		6
Windshield	Brüel & Kjær UA0237	--		6
Sound level calibrator	Rion NC-74	34304660	IEC 942 Type 1	1

7.1.2 Maintenance and Calibration

The SLM and calibrator in compliance with the International Electrotechnical Commission (IEC) Publication 651:1979 (Type 1) and 804:1985 (Type 1) specifications according to the EM&A manual.

SLM complying with the standards of IEC 651 (Fast, Slow, Impulse rms detector tests) and IEC 804 (L_{eq} functions) and acoustical calibrator complying with IEC 942 were adopted for the noise measurement. All equipments are calibrated annually in-house using Brüel & Kjær (B&K) calibrator model no 4226. The 4226 calibrator is annually calibrated under the accreditation of United Kingdom Accreditation Service. The in-house calibration that has been undertaken can be traced back to the National Physical Laboratory. The calibration certificates for the noise equipment are given in **Appendix H**.

7.1.3 Monitoring Procedures

- The SLM and battery were checked to ensure that they are in proper condition. The SLM was set on a tripod at 1.2m above ground and at least 1m from the exterior of the building façade;
- Before conducting the measurement, the SLM was calibrated by an acoustical calibrator;
- Measurement parameter was set to A-weighted sound pressure level. The time weighting was set in fast response and the time period of measurement at 30 minutes;
- Wind speed was checked during noise monitoring to ensure the steady wind speed does not exceed 5m/s, or wind with gusts does not exceed 10m/s;
- Any abnormal conditions that generated intrusive noise during the measurement was recorded on the field record sheet;
- After each measurement, the equivalent continuous sound pressure level (L_{eq}), L_{10} and L_{90} were recorded on the field record sheet;
- After conducting the measurement, the SLM was calibrated by an sound level calibrator; and
- The SLM was re-calibrated by the sound level calibrator to confirm that there is no significant drift of reading. Measurements shall be accepted as valid only if the calibration levels before and after the noise measurement agrees to within 1.0 dB.

7.2 Monitoring Results and Observations

7.2.1 Weather Condition

The weather condition was from sunny during the noise monitoring period in the reporting month.

7.2.2 Noise Monitoring Results

Monitoring of the construction noise level was conducted during non-restricted hours on 5, 11, 17, 23 and 30 August 2010 at monitoring locations N1, N2, N3, N4, N5 and N6. All monitoring data and graphical presentation of the monitoring results are provided in **Appendix I** and are summarised in **Table 7.2 to 7.7**.

Table 7.2 Summary of impact noise monitoring at location N1 in the reporting month

Date	Time	Measured Noise Level, dB(A)	Baseline Noise Level, dB(A)	Construction Noise Level(Note1), dB(A)	Limit Level
		Leq (30-min)	Leq (30-min)	Leq (30-min)	dB(A)
5 Aug 10	09:50 – 10:20	73	76	Measured ≤ Baseline	75
11 Aug 10	11:15 – 11:45	73		Measured ≤ Baseline	
17 Aug 10	10:05 – 10:35	74		Measured ≤ Baseline	
23 Aug 10	09:55 – 10:25	74		Measured ≤ Baseline	
30 Aug 10	10:00 – 10:30	72		Measured ≤ Baseline	

Notes:
(1) Construction Noise Level = Measured Noise Level – Baseline Noise Level.

Table 7.3 Summary of impact noise monitoring at location N2 in the reporting month

Date	Time	Measured Noise Level, dB(A)	Baseline Noise Level, dB(A)	Construction Noise Level(Note1), dB(A)	Limit Level
		Leq (30-min)	Leq (30-min)	Leq (30-min)	dB(A)
5 Aug 10	09:00 – 09:30	77	78	Measured ≤ Baseline	75
11 Aug 10	11:30 – 12:00	76		Measured ≤ Baseline	
17 Aug 10	10:50 – 11:20	75		Measured ≤ Baseline	
23 Aug 10	10:40 – 11:10	78		Measured ≤ Baseline	
30 Aug 10	10:50 – 11:20	75		Measured ≤ Baseline	

Notes:
(1) Construction Noise Level = Measured Noise Level – Baseline Noise Level.

Table 7.4 Summary of impact noise monitoring at location N3 in the reporting month

Date	Time	Measured Noise Level, dB(A)	Baseline Noise Level, dB(A)	Construction Noise Level(Note1), dB(A)	Limit Level
		Leq (30-min)	Leq (30-min)	Leq (30-min)	dB(A)
5 Aug 10	16:00 – 16:30	66	69	Measured ≤ Baseline	70
11 Aug 10	13:00 – 13:30	67		Measured ≤ Baseline	
17 Aug 10	11:40 – 12:10	66		Measured ≤ Baseline	
23 Aug 10	11:20 – 11:50	67		Measured ≤ Baseline	
30 Aug 10	11:30 – 12:00	66		Measured ≤ Baseline	

Notes:

(1) Construction Noise Level = Measured Noise Level – Baseline Noise Level.

Table 7.5 Summary of impact noise monitoring at location N4 in the reporting month

Date	Time	Measured Noise Level, dB(A)	Baseline Noise Level, dB(A)	Construction Noise Level(Note1), dB(A)	Limit Level
		Leq (30-min)	Leq (30-min)	Leq (30-min)	dB(A)
5 Aug 10	10:50 – 11:20	67	67	Measured ≤ Baseline	70
11 Aug 10	10:30 – 11:00	68		60	
17 Aug 10	08:45 – 09:15	67		Measured ≤ Baseline	
23 Aug 10	08:40 – 09:10	67		Measured ≤ Baseline	
30 Aug 10	08:50 – 09:20	66		Measured ≤ Baseline	

Notes:

(1) Construction Noise Level = Measured Noise Level – Baseline Noise Level.

Table 7.6 Summary of impact noise monitoring at location N5 in the reporting month

Date	Time	Measured Noise Level, dB(A)	Baseline Noise Level, dB(A)	Construction Noise Level(Note1), dB(A)	Limit Level
		Leq (30-min)	Leq (30-min)	Leq (30-min)	dB(A)
5 Aug 10	13:00 – 13:30	69	70	Measured ≤ Baseline	75
11 Aug 10	17:30 – 18:00	70		Measured ≤ Baseline	
17 Aug 10	13:00 – 13:30	69		Measured ≤ Baseline	
23 Aug 10	13:00 – 13:30	69		Measured ≤ Baseline	
30 Aug 10	13:15 – 13:45	71		59	

Notes:

(1) Construction Noise Level = Measured Noise Level – Baseline Noise Level.

Table 7.7 Summary of impact noise monitoring at location N6 in the reporting month

Date	Time	Measured Noise Level, dB(A)	Baseline Noise Level, dB(A)	Construction Noise Level(Note1), dB(A)	Limit Level
		Leq (30-min)	Leq (30-min)	Leq (30-min)	dB(A)
5 Aug 10	13:50 – 14:20	69	69	Measured ≤ Baseline	70
11 Aug 10	16:40 – 17:10	69		Measured ≤ Baseline	
17 Aug 10	14:05 – 14:35	70		61	
23 Aug 10	13:50 – 14:20	68		Measured ≤ Baseline	
30 Aug 10	14:00 – 14:30	68		Measured ≤ Baseline	

Notes:

(1) Construction Noise Level = Measured Noise Level – Baseline Noise Level.

Restricted Hours

In the reporting months, the construction works and activities such as mobilization of materials and plants etc were carried out during restricted hours. The granted Construction Noise Permits (CNPs) were issued by EPD for the related activities before the works commencement, the Contractor strictly followed the conditions stipulated in the CNPs. There was no non-compliance recorded during the reporting month.

7.2.3 Exceedance of Limit Levels for Construction Noise

Three (3) limit level exceedance for noise measurement during non-restricted hours was recorded on 5, 11 and 23 August 2010 at location N2 (Tung Wah Group of Hospitals Tai Tung Pui Social Service Building). On-site observations during the noise monitoring revealed that the noise source was mainly the traffic noise along Tuen Mun Road although it was also observed that the Contractor was undertaking the tree transplanting work at nearby construction site.

Baseline noise level were retrieved and shown in **Table 7.2 to 7.7**. Comparison is made between the monitoring results against the baseline noise level, the monitoring results were lower to the baseline level. Based on the on-site observations and interpretation from the results, construction noise is considered insignificant and below the noise limits level. It is therefore concluded that the noise exceedance was not related to the construction activities. No further actions were applicable. It was however recommended that the Contractor shall maintain the existing practices stipulated in the EIA Report in order to minimise the potential noise impact in future.

7.2.4 General Observations

The construction site had been under normal operation during the noise monitoring period and no unusual operation was observed. Traffic noise had been noticed at the monitoring location during the noise monitoring period.

8 Landscape and Visual Monitoring

8.1 Audit Results

In the reporting month, landscape and visual site audit in accordance with the requirements stipulated in the EIA report was conducted on 11 and 27 August 2010.

In accordance with the Landscape Plan of the Project under the Clause 2.13 of the Part C of the EP, a total of 974 trees would be affected. 140 trees would be retained, 346 trees would be transplanted to Siu Lang Shui Road and 488 trees would be felled during the construction phase. The implementation and maintenance of landscape and mitigation measures, listed in EIA report, were checked during the site audit. No substantial change of LR, LCA and VSR was noted. No non-compliance has been triggered during the reporting month.

In the reporting month, total 92 trees were felled and the pruning of the transplanted trees was carried out in accordance with the Specification for Tree Protection and Transplanting Works in Landscape Plan. The updated statuses of the felled and transplanted trees during the reporting month are summarized in **Tale 8.1** and the summary report is presented in **Appendix J**.

Table 8.1 Status of felled and transplanted trees during reporting month

	No. of trees to be felled	No .of trees to be transplanted			
		Crown pruning	1st root pruning	2nd root pruning	3rd root pruning
In progress	396	151	188	248	307
Completed	92	195	158	98	39
Total	488	346	346	346	346
Percentage completed (%)	19	56	46	28	11

In order to enhance the landscape and visual experience to Tuen Mun town centre neighborhood and compensate for the district tree felling, compensatory tree planting of 699 no. of trees would be carried out throughout various area in Tuen Mun after the discussion and agreement with Tuen Mun District Council (TMDC) and relevant government parties (e.g. LCSD).

8.2 Implementation Status of Consultation Phase Landscape and Visual Mitigation Measures

The design, implementation and maintenance of landscape and mitigation measures stipulated in the EM&A manual, were checked during the site audits. No non-compliance has been triggered.

The Implementation Schedule of Mitigation Measures was inspected during the weekly site inspections in reporting month. The details of the findings/observations are described in Section 10.1. Summary of the implementation status of construction phase Landscape and Visual mitigation measures are presented in **Appendix D**.

8.3 Recommendations, Corrective Actions and Outstanding Issues

The recommendations, corrective actions or outstanding issues in relation with the landscape and visual monitoring are as follows:

- The Contractor was reminded to strip and store the topsoil for re-use in the construction of soft landscape works, where practical;
- The Contractor was reminded to protect the retained trees carefully during construction;
- The Contractor was reminded to transplant the trees which affected by the works where possible and practical;
- The Contractor was reminded to compensate the trees for felled trees;
- The Contractor was reminded to control of night-time lighting;
- The Contractor was reminded to erect a compatible decorative screen hoarding with the surrounding setting;
- The Contractor was reminded to avoid placing the construction materials too close to the trees.

9 Waste Disposal

The actual amounts of different types of waste generated by the activities of the Project during the reporting month are shown in **Table 9.1**. The monthly summary flow table is provided in **Appendix K**.

Table 9.1 Amount of waste generated in reporting month

Waste Type	Amount	Disposal Locations
Inert C&D Materials	0 m^3	Broken concrete
	0 m^3	Reused in the Contract
	0 m^3	Reused in other Projects
	43.875 m^3	Disposal of at public fill at Tuen Mun Area 38
Chemical Waste	0 kg	N/A
Paper / cardboard packaging	0 kg	Recycler
Plastic	0 kg	
Metal	0 kg	
General Refuse	24.38 m^3	Disposal of at WENT landfill

10 Environmental Performance

10.1 Environmental Site Inspection

Environmental site inspections were carried out on a weekly basis to monitor environmental issues on the construction sites to ensure that all mitigation measures were implemented timely and properly. A summary of the site inspections in the reporting month is presented in **Table 10.1**.

Table 10.1 Key findings of weekly environmental site audit in the reporting month

Location	Inspection Date	Key Observations and Recommendations	Contractor's Response / Environmental Outcome	Closed Date / Follow up Status
Dust Mitigation Measures				
On Ting Estate	18 Aug 10	The Contractor should provide the covering of exposed soil by tarpaulin to avoid dust disturbance.	Agreed with the ET's advice.	Covering was provided. Closed on 25 Aug 10.
Water Quality Mitigation Measures				
On Ting Estate	5 Aug 10	The Contractor should provide the cover the gully inlet to avoid soil dropping into gully during site clearance.	Agreed with the ET's advice.	Covering was provided. Closed on 25 Aug 10.
	18 Aug 10	The Contractor should increase the height of sandbag bunding along the stockpile boundary to avoid any wastewater overflowing to public area during raining.	Agreed with the ET's advice.	Height of Sandbag bunding was increased. Closed on 25 Aug 10.
Lui	25 Aug 10	Runoff from the school should be diverted	Agreed with the	Diversion was

Location	Inspection Date	Key Observations and Recommendations	Contractor's Response / Environmental Outcome	Closed Date / Follow up Status
Cheung Kwong College		and not to be washed across the site.	ET's advice.	done. Closed on 2 Sep 10.
Landscape Mitigation Measures				
Lui Cheung Kwong College	25 Aug 10	Tree protection should be improved and construction materials should be placed away the trees.	Agreed with the ET's advice.	Construction material was removed. Closed on 2 Sep 10.

10.2 Complaint Record

There was no environmental complaint received in the reporting month. The updated statistical summary of complaint is presented in **Table 10.2**.

Table 10.2 Summary of Complaints for the Contract

Reporting Period	Complaint Statistics		Area of Concern	Validity to the Project	Status
	Number	Cumulative			
02/08/10 – 31/08/10	0	0	-	-	-

10.3 Notification of Summons and Successful Prosecution

No summons or prosecutions related to environmental issues were received or made against the Project in the reporting month.

10.4 Review of Reasons of Non-Compliance

Three (3) limit level exceedances of noise monitoring were recorded from the monitoring data at location N2, which triggered the Event and Action Plan for remedial action. Based on the on-site observations and interpretation from the results, noise exceedance was not related to the construction activities. No particular remedial work is required.

11 Future Key Issues

11.1 Key Issues for the Coming Month

Key issues to be considered in the coming month include:

- Dust generation from activities on-site, such as vehicular movements along unpaved area, excavation and demolition;
- Noise impact from operating equipment and machinery on-site;
- Muddy surface runoff overflow to public area;
- Uncontrolled water discharge into nearby water body;
- Storage and using of chemicals/fuel and chemical waste/waste oil on site;
- Disposal of construction waste; and
- Tree maintenance.

11.2 Environmental Monitoring Program for the Coming Month

Environmental monitoring and audit will be carried out in accordance with the requirements stipulated in the EM&A manual. Tentative air, noise, landscape and visual monitoring as well as weekly site audit schedule for the coming month with respect to the construction programme is shown in **Appendix L**.

The construction programme for the coming month is shown in **Table 11.1**.

Table 11.1 Tentative programme of construction works

Month	Locations	Details of Construction Works
September 2010	Various locations	Site clearance, site hoarding construction, tree transplanting and ground investigation

12 Conclusions and Recommendations

12.1 Conclusions

The construction phase of the Project was commenced on 2 August 2010. The EM&A programme has been implemented since then, including air quality, noise, landscape and visual and environmental site audits.

No Action and Limit Level exceedance was recorded for impact air quality and noise monitoring in the reporting month.

Three (3) limit level exceedances of noise monitoring were recorded from the monitoring data at location N2, which triggered the Event and Action Plan for remedial action. Based on the on-site observations and interpretation from the results, noise exceedance was not related to the construction activities. No particular remedial work is required.

No complaint, summons or prosecution related to environmental issues was received during the reporting month.

In accordance with the requirements stipulated in the EM&A manual, landscape and visual site audit was conducted on 11 and 27 August 2010. Total 92 trees were felled and the pruning of the transplanted trees was carried out during the reporting month. No substantial change of LR, LCA and VSR was noted.

Weekly environmental site audit was carried out during the reporting month. The major environmental concerns were related to air quality, water quality, waste management and tree maintenance.

12.2 Recommendations

Impact monitoring will be continued to carry out in the following month and followed by the requirement stipulated in the EM&A manual. Attention will be paid to environmental issues identified in EIA report and weekly site audit. Mitigation measures recommended in EIA report and Implementation Schedule of Mitigation Measure will be fully implemented.

Construction noise is one of the key environmental issues especially in restricted hours. The conditions stipulated in CNPs should be strictly followed when the construction works were carried out during the restricted hours.

Construction dust is another key environmental issue. The implemented construction dust mitigation measures including covering of exposed slope / soil with tarpaulin sheet etc., should be maintained and improved as necessary.

Water quality impact is also key environmental issue. As rainy season has approached, special attention should be paid to avoid any muddy surface runoff from exposed soil surface during rainy days. The drainage system should be well maintained. The solid and liquid waste management should be strictly followed in accordance with the requirements described in the EIA report.

The retained trees should be protected and fenced properly. The Contractor was reminded to avoid trunks damage during construction works and, take the proper remedial measures immediately when damage was observed.

13 Reference

[1] AECOM Asia Co. Ltd. December 2008. Agreement No. CE 22/2005 (HY) Supplementary No. 1 Traffic Improvements to Tuen Mun Road Town Centre Section – Environmental Monitoring & Audit Manual.

[2] Ove Arup & Partners Hong Kong Limited. July 2010. Agreement No. HMW 5/2009 (EP) Traffic Improvements to Tuen Mun Road Town Centre Section – Baseline Monitoring Report (Revision_4).

Appendix A

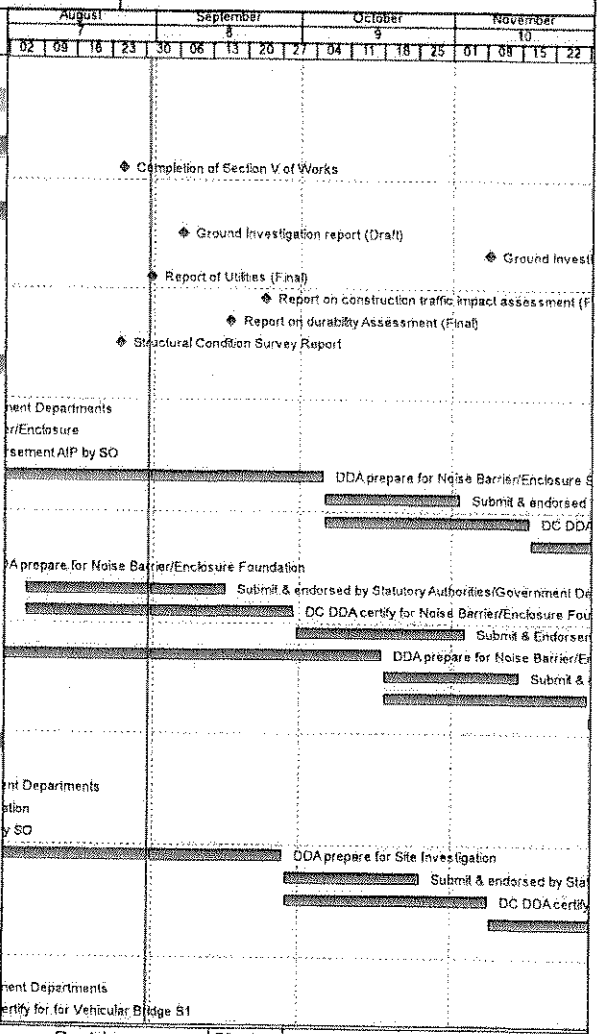
Construction Programme

HY/2009/03

06-Sep-10?

Design and Build of Traffic Improvement to Tuen Mun Road Town Centre Section

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Late Start	Late Finish
	Design and Build of Traffic Improvements to Tuen Mun Road Town Centre Section						
	PRELIMINARIES AND GENERAL REQUIREMENTS						
	PRELIMINARIES AND GENERAL REQUIREMENTS						
	PROJECT COMPLETION						
KD1230	Completion of Section V of Works	0	0		25-Aug-10 A		
	DESIGN OF PERMANENT WORKS						
	GENERAL DESIGN SUBMISSION						
DS2617	Ground Investigation report (Draft)	0	0		06-Sep-10*		06-Sep-10
DS2619	Ground Investigation report (Final)	0	0		08-Nov-10*		08-Nov-10
DS2625	Report of Utilities (Final)	0	0		31-Aug-10		10-May-10
DS2635	Report on construction traffic impact assessment (Final)	0	0		23-Sep-10*		23-Sep-10
DS2645	Report on durability Assessment (Final)	0	0		16-Sep-10*		16-Sep-10
DS2660	Structural Condition Survey Report	0	0		25-Aug-10 A		
	PACKAGE OF NOISE BARRIER/ENCLOSURE						
DS1080	AIP prepare for Noise Barrier/Enclosure	55	0	26-Feb-10 A	30-Apr-10 A	30-Aug-10	30-Aug-10
DS1090	Submit & endorsed by Statutory Authorities/Government Departments	28	0	01-May-10 A	28-May-10 A	30-Aug-10	30-Aug-10
DS1100	DC AIP certify for Noise Barrier/Enclosure	35	0	01-May-10 A	24-Jun-10 A	30-Aug-10	30-Aug-10
DS1110	Submit & Endorsement AIP by SO	35	0	25-Jun-10 A	12-Jul-10 A	30-Aug-10	30-Aug-10
DS1120	DDA prepare for Noise Barrier/Enclosure Superstructure Main Frame	60	36	29-May-10 A	05-Oct-10	03-Aug-10	08-Sep-10
DS1130	Submit & endorsed by Statutory Authorities/Government Departments	28	28	06-Oct-10	02-Nov-10	08-Sep-10	06-Oct-10
DS1140	DC DDA certify for Noise Barrier/Enclosure Superstructure Main Frame	42	42	06-Oct-10	16-Nov-10	08-Sep-10	20-Oct-10
DS1150	Submit & Endorsement DDA by SO	35	35	17-Nov-10	21-Dec-10	20-Oct-10	24-Nov-10
DS1160	DDA prepare for Noise Barrier/Enclosure Foundation	60	0	29-May-10 A	27-Jul-10 A	30-Aug-10	30-Aug-10
DS1170	Submit & endorsed by Statutory Authorities/Government Departments	28	16	06-Aug-10 A	15-Sep-10	30-Aug-10	15-Sep-10
DS1180	DC DDA certify for Noise Barrier/Enclosure Foundation	42	30	06-Aug-10 A	29-Sep-10	30-Aug-10	29-Sep-10
DS1190	Submit & Endorsement DDA by SO	35	35	30-Sep-10	03-Nov-10	29-Sep-10	03-Nov-10
DS1200	DDA prepare for Noise Barrier/Enclosure Architectural Works	60	46	29-May-10 A	17-Oct-10	21-Aug-10	08-Oct-10
DS1210	Submit & endorsed by Statutory Authorities/Government Departments	28	28	18-Oct-10	14-Nov-10	08-Oct-10	05-Nov-10
DS1220	DC DDA certify for Noise Barrier/Enclosure Architectural Works	42	42	18-Oct-10	26-Nov-10	08-Oct-10	19-Nov-10
DS1230	Submit & Endorsement DDA by SO	35	35	29-Nov-10	02-Jan-11	19-Nov-10	24-Dec-10
	PACKAGE OF SITE INVESTIGATION						
DS1000	AIP prepare for Site Investigation	30	0	26-Feb-10 A	29-Mar-10 A	15-Jun-10	15-Jun-10
DS1010	Submit & endorsed by Statutory Authorities/Government Departments	28	0	30-Mar-10 A	26-May-10 A	15-Jun-10	15-Jun-10
DS1020	DC AIP certify for Site Investigation	42	0	30-Mar-10 A	23-Jun-10 A	15-Jun-10	15-Jun-10
DS1030	Submit & Endorsement AIP by SO	35	0	24-Jun-10 A	25-Jun-10 A	15-Jun-10	15-Jun-10
DS1040	DDA prepare for Site Investigation	60	28	15-Apr-10 A	27-Sep-10	18-May-10	15-Jun-10
DS1050	Submit & endorsed by Statutory Authorities/Government Departments	28	28	28-Sep-10	25-Oct-10	15-Jun-10	13-Jul-10
DS1060	DC DDA certify for Site Investigation	42	42	28-Sep-10	06-Nov-10	15-Jun-10	27-Jul-10
DS1070	Submit & Endorsement DDA by SO	35	35	09-Nov-10	13-Dec-10	27-Jul-10	31-Aug-10
	PACKAGE OF VEHICULAR BRIDGE S1						
DS1320	AIP prepare for Vehicular Bridge S1	55	0	26-Feb-10 A	30-Apr-10 A	19-Mar-11	19-Mar-11
DS1330	Submit & endorsed by Statutory Authorities/Government Departments	28	0	01-May-10 A	28-May-10 A	19-Mar-11	19-Mar-11
DS1340	DC AIP certify for for Vehicular Bridge S1	35	0	01-May-10 A	19-Jul-10 A	19-Mar-11	19-Mar-11



Actual Work ◆ Milestone

Remaining Work

Critical Remaining Work

3 Months Rolling Programme

Date	Revision	Chec...	Approved
21-Jul-10	1007	Tim	
06-Sep-10	1008	Tim	

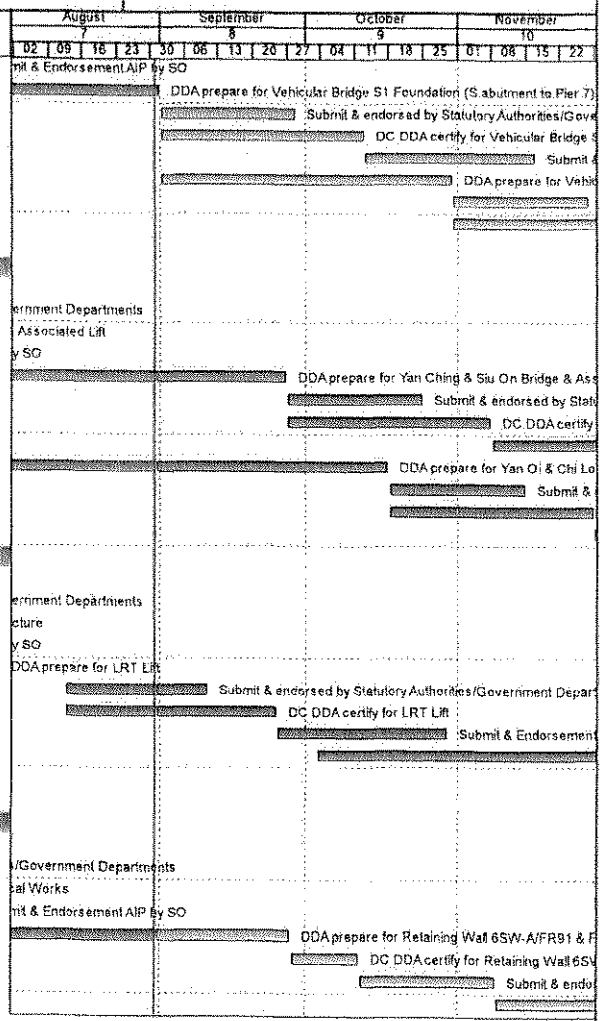
Appendix A

HY/2009/03

06-Sep-10?

Design and Build of Traffic Improvement to Tuen Mun Road Town Centre Section

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Late Start	Late Finish
DS1350	Submit & Endorsement AIP by SO	35	0	20-Jul-10 A	25-Jul-10 A	19-Mar-11	19-Mar-11
DS1360	DDA prepare for Vehicular Bridge S1 Foundation (S.abutment to Pier 7)	60	1	24-May-10 A	31-Aug-10	19-Nov-10	19-Nov-10
DS1370	Submit & endorsed by Statutory Authorities/Government Departments	28	28	01-Sep-10	28-Sep-10	20-Nov-10	17-Dec-10
DS1380	DC DDA certify for Vehicular Bridge S1 Foundation	42	42	01-Sep-10	12-Oct-10	20-Nov-10	31-Dec-10
DS1390	Submit & Endorsement DDA by SO	35	35	13-Oct-10	16-Nov-10	01-Jan-11	04-Feb-11
DS1400	DDA prepare for Vehicular Bridge S1 Foundation (Pier 7 to N.abutment)	60	60	01-Sep-10	30-Oct-10	20-Nov-10	18-Jan-11
DS1410	Submit & endorsed by Statutory Authorities/Government Departments	28	28	31-Oct-10	27-Nov-10	19-Jan-11	15-Feb-11
DS1420	DC DDA certify for Vehicular Bridge S1 Foundation	42	42	31-Oct-10	11-Dec-10	19-Jan-11	01-Mar-11
DS1430	Submit & Endorsement DDA by SO	35	35	12-Dec-10	15-Jan-11	02-Mar-11	05-Apr-11
	PACKAGE OF FOOTBRIDGE AND ASSOCIATED LIFT						
DS1560	AIP prepare for Footbridge & Associated Lift	55	0	26-Feb-10 A	29-Apr-10 A	05-Jul-10	05-Jul-10
DS1570	Submit & endorsed by Statutory Authorities/Government Departments	28	0	30-Apr-10 A	02-Jun-10 A	05-Jul-10	05-Jul-10
DS1580	OC AIP certify for Footbridge & Associated Lift	35	0	30-Apr-10 A	23-Jun-10 A	05-Jul-10	05-Jul-10
DS1590	Submit & Endorsement AIP by SO	35	0	23-Jun-10 A	25-Jun-10 A	05-Jul-10	05-Jul-10
DS1600	DDA prepare for Yan Ching & Siu On Bridge & Associated Lift Structure	60	27	14-May-10 A	26-Sep-10	08-Jun-10	05-Jul-10
DS1610	Submit & endorsed by Statutory Authorities/Government Departments	28	28	27-Sep-10	24-Oct-10	05-Jul-10	02-Aug-10
DS1620	DC DDA certify for Yan Ching & Siu On Bridge & Associated Lift Structure	42	42	27-Sep-10	07-Nov-10	05-Jul-10	16-Aug-10
DS1630	Submit & Endorsement DDA by SO	35	35	08-Nov-10	12-Dec-10	16-Aug-10	20-Sep-10
DS1640	DDA prepare for Yan Oi & Chi Lok Bridge & Associated Lift Structure	60	48	29-May-10 A	17-Oct-10	14-Aug-10	01-Oct-10
DS1650	Submit & endorsed by Statutory Authorities/Government Departments	28	28	18-Oct-10	14-Nov-10	01-Oct-10	29-Oct-10
DS1660	DC DDA certify for Yan Oi & Chi Lok Bridge & Associated Lift Structure	42	42	18-Oct-10	28-Nov-10	01-Oct-10	12-Nov-10
DS1670	Submit & Endorsement DDA by SO	35	35	29-Nov-10	02-Jan-11	12-Nov-10	17-Dec-10
	PACKAGE OF LRT LIFT						
DS1800	AIP prepare for LRT Lift Structure	60	0	26-Feb-10 A	23-Apr-10 A	30-Aug-10	30-Aug-10
DS1810	Submit & endorsed by Statutory Authorities/Government Departments	45	0	24-Apr-10 A	02-Jun-10 A	25-Aug-14	25-Aug-14
DS1820	DC AIP certify for LRT Lift Structure	52	0	24-Apr-10 A	23-Jun-10 A	30-Aug-10	30-Aug-10
DS1830	Submit & Endorsement AIP by SO	35	0	23-Jun-10 A	25-Jun-10 A	30-Aug-10	30-Aug-10
DS1840	DDA prepare for LRT Lift	60	0	29-May-10 A	30-Jul-10 A	30-Aug-10	30-Aug-10
DS1850	Submit & endorsed by Statutory Authorities/Government Departments	28	11	13-Aug-10 A	10-Sep-10	30-Aug-10	10-Sep-10
DS1860	DC DDA certify for LRT Lift	42	25	13-Aug-10 A	24-Sep-10	30-Aug-10	24-Sep-10
DS1870	Submit & Endorsement DDA by SO	35	35	25-Sep-10	29-Oct-10	24-Sep-10	29-Oct-10
DS1880	DDA prepare for LRT Lift E&M Works	60	60	03-Oct-10	01-Dec-10	02-Oct-10	01-Dec-10
DS1890	Submit & endorsed by Statutory Authorities/Government Departments	28	28	02-Dec-10	29-Dec-10	01-Dec-10	29-Dec-10
DS1900	DC DDA certify for LRT Lift E&M Works	42	42	02-Dec-10	12-Jan-11	01-Dec-10	12-Jan-11
	PACKAGE OF GEOTECHNICAL WORKS						
DS1920	AIP prepare for Geotechnical Works	48	0	26-Feb-10 A	12-May-10 A	25-Aug-14	25-Aug-14
DS1930	Submit & endorsed by Statutory Authorities/Government Departments	28	0	13-May-10 A	09-Jun-10 A	25-Aug-14	25-Aug-14
DS1940	DC AIP certify for Geotechnical Works	14	0	13-May-10 A	25-Jun-10 A	27-Oct-10	27-Oct-10
DS1950	Submit & Endorsement AIP by SO	35	0	25-Jun-10 A	25-Jul-10 A	27-Oct-10	27-Oct-10
DS1960	DDA prepare for Retaining Wall 6SW-A/FR91 & FR93	60	28	02-Jun-10 A	27-Sep-10	29-Sep-10	27-Oct-10
DS1970	DC DDA certify for Retaining Wall 6SW-A/FR91 & FR93	14	14	28-Sep-10	11-Oct-10	27-Oct-10	10-Nov-10
DS1980	Submit & endorsed by Statutory Authorities/Government Departments	28	28	12-Oct-10	08-Nov-10	10-Nov-10	08-Dec-10
DS1990	Submit & Endorsement DDA by SO	35	35	09-Nov-10	13-Dec-10	08-Dec-10	12-Jan-11



Actual Work ◆ Milestone

Remaining Work

Critical Remaining Work

3 Months Rolling Programme

Date	Revision	Chec...	Approved
21-Jul-10	1007	Tim	
06-Sep-10	1008	Tim	

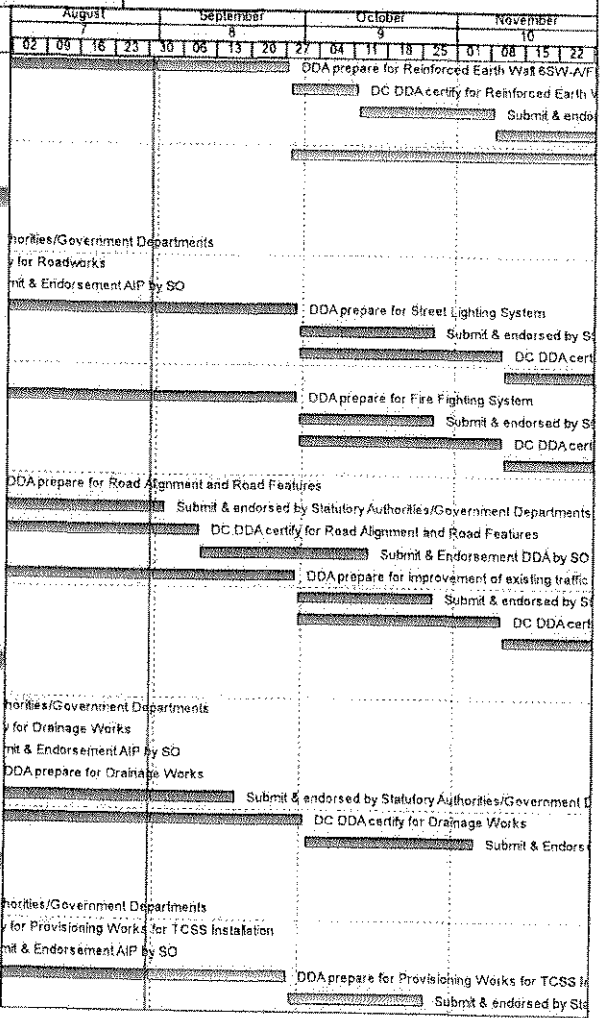
Appendix A

HY/2009/03

Design and Build of Traffic Improvement to Tuen Mun Road Town Centre Section

06-Sep-10?

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Late Start	Late Finish
DS2000	DDA prepare for Reinforced Earth Wall 6SW-A/FR10	90	28	02-Jun-10 A	27-Sep-10	19-Jun-11	17-Jul-11
DS2010	DC DDA certify for Reinforced Earth Wall 6SW-A/FR10	14	14	28-Sep-10	11-Oct-10	17-Jul-11	31-Jul-11
DS2020	Submit & endorsed by Statutory Authorities/Government Departments	28	28	12-Oct-10	08-Nov-10	31-Jul-11	28-Aug-11
DS2030	Submit & Endorsement DDA by SO	35	35	09-Nov-10	13-Dec-10	28-Aug-11	02-Oct-11
DS2040	DDA prepare for Slope Works	90	90	28-Sep-10	26-Dec-10	15-Sep-11	14-Dec-11
DS2050	DC DDA certify for Slope Works	14	14	27-Dec-10	09-Jan-11	14-Dec-11	28-Dec-11
	PACKAGE OF ROADWORKS						
DS2080	AIP prepare for Roadworks	75	0	26-Feb-10 A	14-May-10 A	27-Jun-10	27-Jun-10
DS2090	Submit & endorsed by Statutory Authorities/Government Departments	28	0	15-May-10 A	17-Jun-10 A	20-Jul-10	20-Jul-10
DS2100	DC AIP certify for Roadworks	35	0	15-May-10 A	14-Jul-10 A	20-Jul-10	20-Jul-10
DS2110	Submit & Endorsement AIP by SO	35	0	15-Jul-10 A	25-Jul-10 A	20-Jul-10	20-Jul-10
DS2120	DDA prepare for Street Lighting System	60	30	24-May-10 A	29-Sep-10	20-Jun-10	20-Jul-10
DS2130	Submit & endorsed by Statutory Authorities/Government Departments	28	28	30-Sep-10	27-Oct-10	20-Jul-10	17-Aug-10
DS2140	DC DDA certify for Street Lighting System	42	42	30-Sep-10	10-Nov-10	20-Jul-10	31-Aug-10
DS2150	Submit & Endorsement DDA by SO	35	35	11-Nov-10	15-Dec-10	31-Aug-10	05-Oct-10
DS2160	DDA prepare for Fire Fighting System	60	30	24-May-10 A	29-Sep-10	20-Jun-10	20-Jul-10
DS2170	Submit & endorsed by Statutory Authorities/Government Departments	28	28	30-Sep-10	27-Oct-10	20-Jul-10	17-Aug-10
DS2180	DC DDA certify for Fire Fighting System	42	42	30-Sep-10	10-Nov-10	20-Jul-10	31-Aug-10
DS2190	Submit & Endorsement DDA by SO	35	35	11-Nov-10	15-Dec-10	31-Aug-10	05-Oct-10
DS2200	DDA prepare for Road Alignment and Road Features	60	0	24-May-10 A	30-Jul-10 A	21-Aug-10	21-Aug-10
DS2210	Submit & endorsed by Statutory Authorities/Government Departments	28	3	30-Jul-10 A	02-Sep-10	21-Aug-10	24-Aug-10
DS2220	DC DDA certify for Road Alignment and Road Features	42	10	30-Jul-10 A	09-Sep-10	21-Aug-10	31-Aug-10
DS2230	Submit & Endorsement DDA by SO	35	35	10-Sep-10	14-Oct-10	31-Aug-10	05-Oct-10
DS2690	DDA prepare for improvement of existing traffic light signal controlled junction	60	30	24-May-10 A	28-Sep-10	27-Jun-10	26-Jul-10
DS2700	Submit & endorsed by Statutory Authorities/Government Departments	28	28	30-Sep-10	27-Oct-10	27-Jul-10	23-Aug-10
DS2710	DC DDA certify for improvement of existing traffic light signal controlled junction	42	42	30-Sep-10	10-Nov-10	27-Jul-10	08-Sep-10
DS2720	Submit & Endorsement DDA by SO	35	35	11-Nov-10	15-Dec-10	07-Sep-10	11-Oct-10
	PACKAGE OF DRAINAGE						
DS2240	AIP prepare for Drainage Works	60	0	26-Feb-10 A	14-May-10 A	22-Aug-10	22-Aug-10
DS2250	Submit & endorsed by Statutory Authorities/Government Departments	28	0	15-May-10 A	17-Jun-10 A	22-Aug-10	22-Aug-10
DS2260	DC AIP certify for Drainage Works	35	0	15-May-10 A	14-Jul-10 A	22-Aug-10	22-Aug-10
DS2270	Submit & Endorsement AIP by SO	35	0	15-Jul-10 A	25-Jul-10 A	22-Aug-10	22-Aug-10
DS2280	DDA prepare for Drainage Works	60	0	07-May-10 A	30-Jul-10 A	22-Aug-10	22-Aug-10
DS2290	Submit & endorsed by Statutory Authorities/Government Departments	28	18	27-Jul-10 A	17-Sep-10	22-Aug-10	09-Sep-10
DS2300	DC DDA certify for Drainage Works	42	32	27-Jul-10 A	01-Oct-10	22-Aug-10	23-Sep-10
DS2310	Submit & Endorsement DDA by SO	35	35	02-Oct-10	05-Nov-10	23-Sep-10	28-Oct-10
	PACKAGE OF PROVISIONING WORKS FOR TCSS INSTALLATION						
DS2320	AIP prepare for Provisioning Works for TCSS Installation	60	0	26-Feb-10 A	14-May-10 A	12-May-11	12-May-11
DS2330	Submit & endorsed by Statutory Authorities/Government Departments	28	0	15-May-10 A	17-Jun-10 A	12-May-11	12-May-11
DS2340	DC AIP certify for Provisioning Works for TCSS Installation	35	0	15-May-10 A	14-Jul-10 A	12-May-11	12-May-11
DS2350	Submit & Endorsement AIP by SO	35	0	15-Jul-10 A	25-Jul-10 A	12-May-11	12-May-11
DS2360	DDA prepare for Provisioning Works for TCSS Installation	60	29	07-May-10 A	28-Sep-10	13-Apr-11	12-May-11
DS2370	Submit & endorsed by Statutory Authorities/Government Departments	28	28	29-Sep-10	26-Oct-10	12-May-11	09-Jun-11



Actual Work
Remaining Work
Critical Remaining Work
Milestone

3 Months Rolling Programme

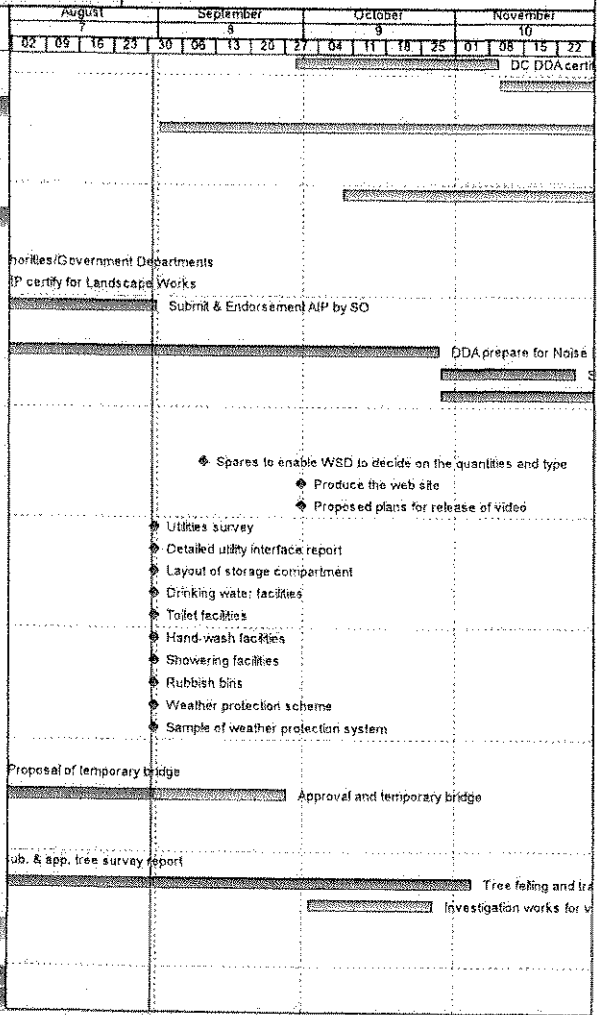
Date	Revision	Chec...	Approved
21-Jul-10	1007	Tim	
06-Sep-10	1008	Tim	

HY/2009/03

06-Sep-10?

Design and Build of Traffic Improvement to Tuen Mun Road Town Centre Section

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Late Start	Late Finish
DS2380	DC DDA certify for Provisioning Works for TCSS Installation	42	42	29-Sep-10	09-Nov-10	12-May-11	23-Jun-11
DS2390	Submit & Endorsement DDA by SO	35	35	10-Nov-10	14-Dec-10	23-Jun-11	28-Jul-11
	PACKAGE OF AT-GRADE IRRIGATION SYSTEM						
DS2400	AIP prepare for At-grade Irrigation Systems	90	90	01-Sep-10	29-Nov-10	22-Oct-11	19-Jan-12
DS2410	Submit & endorsed by Statutory Authorities/Government Departments	28	28	30-Nov-10	27-Dec-10	20-Jan-12	16-Feb-12
DS2420	DC AIP certify for At-grade Irrigation Systems	35	35	30-Nov-10	03-Jan-11	20-Jan-12	23-Feb-12
DS2440	DDA prepare for At-grade Irrigation Systems	80	60	08-Oct-10*	07-Dec-10	06-Jun-11	05-Aug-11
	PACKAGE OF LANDSCAPE WORKS						
DS2480	AIP prepare for Landscape Works	55	0	26-Feb-10 A	20-May-10 A	14-Aug-10	14-Aug-10
DS2490	Submit & endorsed by Statutory Authorities/Government Departments	28	0	21-May-10 A	17-Jun-10 A	14-Aug-10	14-Aug-10
DS2500	DC AIP certify for Landscape Works	35	0	21-May-10 A	24-Jul-10 A	14-Aug-10	14-Aug-10
DS2510	Submit & Endorsement AIP by SO	35	1	25-Jul-10 A	31-Aug-10	14-Aug-10	15-Aug-10
DS2520	DDA prepare for At-grade Landscape Works	60	60	08-Dec-10	05-Feb-11	05-Aug-11	04-Oct-11
DS2560	DDA prepare for Noise Barrier/Enclosure Landscape Works	90	59	03-Apr-10 A	28-Oct-10	17-Jun-10	15-Aug-10
DS2570	Submit & endorsed by Statutory Authorities/Government Departments	28	28	29-Oct-10	25-Nov-10	15-Aug-10	12-Sep-10
DS2580	DC DDA certify for Noise Barrier/Enclosure Landscape Works	42	42	29-Oct-10	09-Dec-10	15-Aug-10	28-Sep-10
DS2590	Submit & Endorsement DDA by SO	35	35	10-Dec-10	13-Jan-11	26-Sep-10	31-Oct-10
	PROJECT GENERAL SUBMISSION						
GS1010	Spares to enable WSD to decide on the quantities and type	0	0		10-Sep-10*		10-Sep-10
GS1140	Produce the web site	0	0		30-Sep-10*		30-Sep-10
GS1170	Proposed plans for release of video	0	0		30-Sep-10*		30-Sep-10
GS1230	Utilities survey	0	0		31-Aug-10*		10-May-10
GS1240	Detailed utility interface report	0	0		31-Aug-10*		10-May-10
GS1290	Layout of storage compartment	0	0		31-Aug-10*		18-May-10
GS1300	Drinking water facilities	0	0		31-Aug-10*		18-May-10
GS1310	Toilet facilities	0	0		31-Aug-10*		18-May-10
GS1320	Hand-wash facilities	0	0		31-Aug-10*		18-May-10
GS1330	Showering facilities	0	0		31-Aug-10*		18-May-10
GS1340	Rubbish bins	0	0		31-Aug-10*		18-May-10
GS1350	Weather protection scheme	0	0		31-Aug-10*		18-May-10
GS1360	Sample of weather protection system	0	0		31-Aug-10*		26-Apr-10
GS1500	Approval and appointment of Design Checker	14	0	04-Mar-10 A	29-Mar-10 A	15-Jun-10	15-Jun-10
GS1510	Proposal of temporary bridge	60	0	26-Feb-10 A	30-Jul-10 A	11-Oct-10	11-Oct-10
GS1520	Approval and temporary bridge	28	28	31-Jul-10 A	27-Sep-10	11-Oct-10	08-Nov-10
	GENERAL WORKS						
GW1000	Tree survey for existing trees	21	0	27-Mar-10 A	04-May-10 A	28-Jul-10	28-Jul-10
GW1010	Sub. & app. tree survey report	14	0	05-May-10 A	29-Jul-10 A	28-Jul-10	28-Jul-10
GW1020	Tree felling and transplant	80	54	29-Jul-10 A	04-Nov-10	28-Jul-10	30-Sep-10
GW2340	Investigation works for vicinity of petrol station	21	21	02-Oct-10*	27-Oct-10	01-Aug-14	25-Aug-14
	SECTION I OF WORKS						
	EARTHWORKS, DRAINAGE WORKS AND ROADWORKS IN PORTION 1						
	TUEN TING ROAD/CASTLE PEAK RD						
	TEMPORARY TRAFFIC ARRANGEMENT AND UTILITIES DIVERSION						



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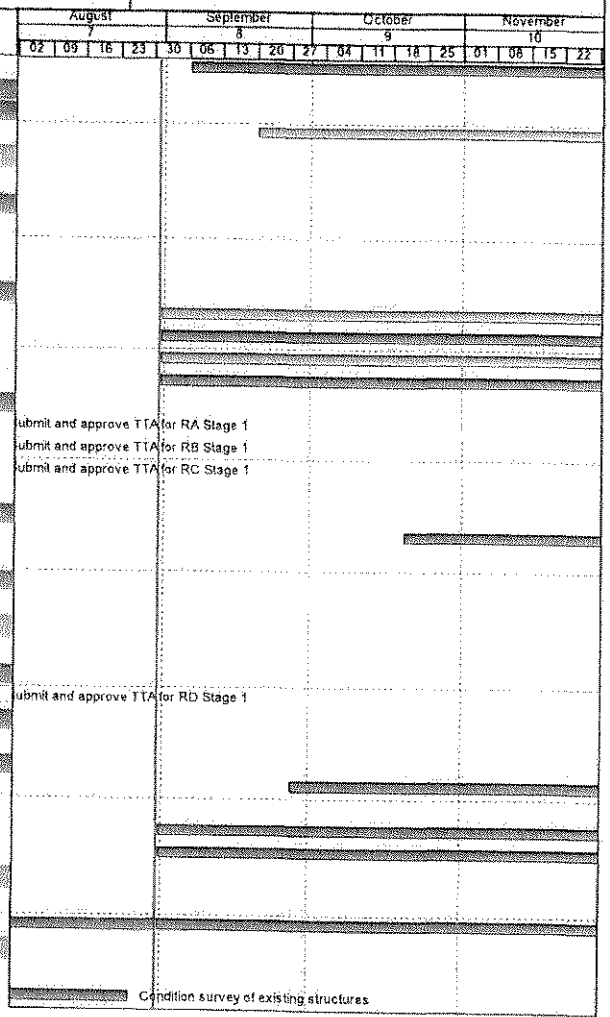
HY/2009/03

06-Sep-10?

Design and Build of Traffic Improvement to Tuen Mun Road Town Centre Section

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Late Start	Late Finish
S1-1180	Submit and approve TTA for Tuen Hing Rd/Castle Peak Rd	120	120	06-Sep-10*	03-Jan-11	14-Jun-10	11-Oct-10
TSING WUI ST							
TEMPORARY TRAFFIC ARRANGEMENT AND UTILITIES DIVERSION							
S1-1210	Submit and approve TTA for Tsing Wui St car parking	120	120	20-Sep-10	17-Jan-11	02-Nov-10	01-Mar-11
SECTION II OF WORKS							
TEMPORARY TRAFFIC ARRANGEMENT AND UTILITIES DIVERSION							
TEMPORARY TRAFFIC ARRANGEMENT PERIOD							
S2-2950	Road Construction Scheme A Stage 1	380	373	29-Jul-10 A	01-Dec-11	29-Jul-10	20-Aug-11
S2-3010	Road Construction Scheme B Stage 1	321	314	29-Jul-10 A	20-Sep-11	29-Jul-10	11-Jul-11
S2-3050	Road Construction Scheme C Stage 1	402	410	29-Jul-10 A	17-Jan-12	29-Jul-10	07-Nov-11
UTILITIES DIVERSION							
S2-3110	Permanent diversion of MP gas main (foundation SB04)	90	90	31-Aug-10	16-Dec-10	03-Dec-10	25-Mar-11
S2-3130	Permanent diversion of existing 150 & 380 watermain (foundation NB01,02 & Yan Ching found.	90	90	31-Aug-10	16-Dec-10	03-Jul-10	20-Oct-10
S2-3170	Permanent diversion of existing 132kv & 11kv cable (foundation SB20,SB21,MB10,NB9,NB11)	90	90	31-Aug-10	16-Dec-10	07-Sep-10	24-Dec-10
S2-3180	Permanent diversion of existing 132kv & 11kv cable (foundation Temp. bridge & Chi Lok bridge	90	90	31-Aug-10	16-Dec-10	22-Jul-10	08-Nov-10
TEMPORARY TRAFFIC ARRANGEMENT SUBMISSION & APPROVAL							
S2-1000	Submit and approve TTA for RA Stage 1	90	0	17-Apr-10 A	29-Jul-10 A	03-Jul-10	03-Jul-10
S2-1730	Submit and approve TTA for RB Stage 1	120	0	18-Mar-10 A	29-Jul-10 A	29-Oct-10	29-Oct-10
S2-2000	Submit and approve TTA for RC Stage 1	90	0	17-Apr-10 A	29-Jul-10 A	22-Jul-10	22-Jul-10
EARTHWORKS, DRAINAGE WORKS AND ROADWORKS IN PORTION 2							
DRAINAGE WORKS							
S2-2250	Construct drainage along Tsing Hoi Circuit	40	40	20-Oct-10	06-Dec-10	11-Oct-10	27-Nov-10
REPROVISION OF CHI LOK BRIDGE							
TEMPORARY BRIDGE							
S2-2010	Construct footing at N/B,S/B and central barrier	60	60	17-Dec-10	03-Mar-11	08-Nov-10	20-Jan-11
SECTION III OF WORKS							
TEMPORARY TRAFFIC ARRANGEMENT AND UTILITIES DIVERSION							
TEMPORARY TRAFFIC ARRANGEMENT SUBMISSION & APPROVAL							
S3-1000	Submit and approve TTA for RD Stage 1	90	0	24-Apr-10 A	29-Jul-10 A	19-Jul-10	19-Jul-10
TEMPORARY TRAFFIC ARRANGEMENT PERIOD							
S3-1940	Road Construction Scheme D Stage 1	319	317	25-Jul-10 A	26-Sep-11	29-Jul-10	12-Sep-11
UTILITIES DIVERSION							
S3-3200	Permanent diversion of existing 132kv & 11kv cable (foundation SB23,MB12,NB13 & NB14)	180	180	27-Sep-10	09-May-11	19-Jul-10	24-Feb-11
LANDSCAPE WORKS IN PORTION 4							
S3-2050	Landscape Works (Nos. 26, 27, 28, 29, 30, 30A, 31, 31A, 31B, 32, 33, 33B, 34, 34A, 34B, 34C	150	150	31-Aug-10*	03-Mar-11	25-Aug-10	25-Feb-11
S3-2060	Landscape Works (Nos. 46, 46A, 46B, 47A, 47C, 47D, 47E & 47F)	150	150	31-Aug-10	03-Mar-11	25-Aug-10	25-Feb-11
SECTION IV OF WORKS							
PRESERVATION AND PROTECTION OF TREES							
S4-1000	Preservation and protection of trees	982	884	05-May-10 A	24-Aug-13	31-Aug-10	24-Aug-13
SECTION V OF WORKS							
STRUCTURAL CONDITION SURVEY IN PORTION 2, 3A AND 3B							
S5-1000	Condition survey of existing structures	90	0	12-Apr-10 A	25-Aug-10 A	25-Aug-14	25-Aug-14



Actual Work
Remaining Work
Critical Remaining Work
Milestone

3 Months Rolling Programme

Date	Revision	Chec...	Approved
21-Jul-10	1007	Tim	
06-Sep-10	1008	Tim	

Appendix A

HY/2009/03

06-Sep-10?

Design and Build of Traffic Improvement to Tuen Mun Road Town Centre Section

Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Late Start	Late Finish
SUMMARY PROGRAMME							
	ROAD WORKS SCHEME C						
	ROAD WORKS & NOISE BARRIER/ENCLOSURE						
	STAGE 1						
SPE1460	Road & drainage works along Tsing Hoi Circuit	132	132	20-Oct-10	29-Mar-11	11-Oct-10	17-Jan-11
	TEMPORARY BRIDGE						
SPE1320	Temporary bridge construction	152	152	17-Dec-10	27-Jun-11	08-Nov-10	17-May-11
SCHEDULE OF MILESTONES							
CC02	DESIGN OF PERMANENT WORKS	1244	1091	01-Mar-10 A	25-Aug-13	01-Mar-10	25-Aug-13
CC08	EARTHWORKS, DRAINAGE WORKS, ROADWORKS AND LANDSCAPE HARDWORKS IN	1065	1065	06-Dec-10	05-Nov-13	27-Nov-10	24-Aug-13

August				September				October				November			
7				8				9				10			
02	09	16	23	30	06	13	20	27	04	11	18	25	01	08	15	22

Actual Work
Remaining Work
Critical Remaining Work
Milestone

3 Months Rolling Programme

Date	Revision	Chec...	Approved
21-Jul-10	1007	Tim	
06-Sep-10	1008	Tim	

Appendix A

Appendix B

Environmental Monitoring Programme in the Reporting Month

Agreement No. CE 22/2005 (HY) Traffic Improvement to Tuen Mun Road Town Centre Section
Tentative Impact Monitoring Schedule - August 2010 Revision 1

Date	Air Quality	Noise	Landscape & Visual	Site Inspection
	24-hours TSP	L_{Aeq}, 30 min		
1-Aug-10 Sun				
2-Aug-10 Mon				
3-Aug-10 Tue				
4-Aug-10 Wed				
5-Aug-10 Thu				
6-Aug-10 Fri				
7-Aug-10 Sat				
8-Aug-10 Sun				
9-Aug-10 Mon				
10-Aug-10 Tue				
11-Aug-10 Wed				SSEMC
12-Aug-10 Thu				
13-Aug-10 Fri				
14-Aug-10 Sat				
15-Aug-10 Sun				
16-Aug-10 Mon				
17-Aug-10 Tue				
18-Aug-10 Wed				
19-Aug-10 Thu				
20-Aug-10 Fri				
21-Aug-10 Sat				
22-Aug-10 Sun				
23-Aug-10 Mon				
24-Aug-10 Tue				
25-Aug-10 Wed				
26-Aug-10 Thu				
27-Aug-10 Fri				
28-Aug-10 Sat				
29-Aug-10 Sun				
30-Aug-10 Mon				
31-Aug-10 Tue				

	Public Holiday
	Monitoring Day

Monitoring Details

Monitoring	Quantity	Locations	Parameters
Air Quality	6	Mrs.Aw Boon Haw Secondary School Tai Tung Pui Social Service Building Wu Siu Kui Primary School Choi Cheung Kok Secondary School Tuen Mun Town Hall Yan Oi Tong Community and Sport Centre	24-hour TSP, Wind speed / direction
Noise	6	Kam Fai Garden Tai Tung Pui Social Service Building Yuen Yuen Primary School Wu Siu Kui Primary School Tuen King Building Choi Cheung Kok Secondary School	$L_{Aeq(30\ min)}$, L_{10}, L_{90}

Appendix C

Event and Action Plan

Event/ Action Plan for Construction Noise

EVENT	ACTION			
	ET	IEC	ER	CONTRACTOR
Action Level being exceeded	1. Notify ER, IEC and Contractor; 2. Carry out investigation; 3. Report the results of investigation to the IEC, ER and Contractor; 4. Discuss with the IEC and Contractor on remedial measures required; 5. Increase monitoring frequency to check mitigation effectiveness.	1. Review the investigation results submitted by the ET; 2. Review the proposed remedial measures by the Contractor and advise the ER accordingly; 3. Advise the ER on the effectiveness of the proposed remedial measures.	1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented; 4. Supervise the implementation of remedial measures.	1. Submit noise mitigation proposals to ET and ER; 2. Implement noise mitigation proposals.
Limit Level being exceeded	1. Inform IEC, ER, Contractor and EPD; 2. Repeat measurements to confirm findings; 3. Increase monitoring frequency; 4. Identify source and investigate the cause of exceedance; 5. Carry out analysis of Contractor's working procedures; 6. Discuss with the IEC, Contractor and ER on remedial measures required; 7. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results; 8. If exceedance stops, cease additional monitoring.	1. Discuss amongst ER, ET, and Contractor on the potential remedial actions; 2. Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly.	1. Confirm receipt of notification of failure in writing; 2. Notify Contractor; 3. In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented; 4. Supervise the implementation of remedial measures; 5. If exceedance continues, consider stopping the Contractor to continue working on that portion of work which causes the exceedance until the exceedance is abated.	1. Take immediate action to avoid further exceedance; 2. Submit proposals for remedial actions to ET and ER within 3 working days of notification; 3. Implement the agreed proposals; 4. Submit further proposal if problem still not under control; 5. Stop the relevant portion of works as instructed by the ER until the exceedance is abated.

Event and Action Plan for Air Quality (Dust)

EVENT	ACTION			
	ET	IEC	ER	CONTRACTOR
Action level being exceeded by one sampling	1. Identify source and investigate the causes of exceedance; 2. Inform Contactor, IEC and ER; 3. Repeat measurement to confirm finding.	1. Check monitoring data submitted by ET; 2. Check Contractor's working method.	1. Notify Contractor.	1. Rectify any unacceptable practice; 2. Amend working methods if appropriate.
Action level being exceeded by two or more consecutive sampling	1. Identify source and investigate the causes of exceedance; 2. Inform Contractor, IEC and ER; 3. Increase monitoring frequency to daily; 4. Discuss with IEC and Contractor on remedial actions required; 5. Assess the effectiveness of Contractor's remedial actions; 6. If exceedance continues, arrange meeting with IEC and ER; 7. If exceedance stops, cease additional monitoring.	1. Check monitoring data submitted by ET; 2. Check Contractor's working method; 3. Discuss with ET and Contractor on possible remedial measures; 4. Advise the ER on the effectiveness of the proposed remedial measures;	1. Confirm receipt of notification of exceedance in writing; 2. Notify Contractor; 3. In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented; 4. Supervise implementation of remedial measures; 5. Conduct meeting with ET and IEC if exceedance continues.	1. Discuss with ET and IEC on proper remedial actions; 2. Submit proposals for remedial actions to ER and IEC within three working days of notification; 3. Implement the agreed proposals; 4. Amend proposal if appropriate.
Limit level being exceeded by one sampling	1. Identify source and investigate the causes of exceedance; 2. Inform Contractor, IEC, ER, and EPD; 3. Repeat measurement to confirm finding; 4. Assess effectiveness of Contractor's remedial actions and keep EPD, IEC and ER informed of the results.	1. Check monitoring data submitted by ET; 2. Check Contractor's working method; 3. Discuss with ET and Contractor on possible remedial measures; 4. Advise the ER on the effectiveness of the proposed remedial measures.	1. Confirm receipt of notification of exceedance in writing; 2. Notify Contractor; 3. In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented; 4. Supervise implementation of remedial measures; 5. Conduct meeting with ET and IEC if exceedance continues.	1. Take immediate action to avoid further exceedance; 2. Discuss with ET and IEC on proper remedial actions; 3. Submit proposals for remedial actions to ER and IEC within three working days of notification; 4. Implement the agreed proposals.
Limit level being exceeded by two or more consecutive sampling	1. Notify IEC, ER, Contractor and EPD; 2. Repeat measurement to confirm findings; 3. Carry out analysis of Contractor's working procedures to identify source and investigate the causes of exceedance; 4. Increase monitoring frequency to daily;	1. Check monitoring data submitted by ET; 2. Check Contractor's working method; 3. Discuss amongst ER, ET, and Contractor on the potential	1. Confirm receipt of notification of exceedance in writing; 2. Notify Contractor; 3. In consolidation with the IEC, agree with the Contractor on the remedial measures to be implemented;	1. Take immediate action to avoid further exceedance; 2. Discuss with ET, ER and IEC on proper remedial actions; 3. Submit proposals for remedial actions to IEC within three

Event and Action Plan for Air Quality (Dust)

EVENT	ACTION			
	ET	IEC	ER	CONTRACTOR
	5. Arrange meeting with IEC, ER and Contractor to discuss the remedial actions to be taken; 6. Assess effectiveness of Contractor's remedial actions and keep EPD, IEC and ER informed of the results; 7. If exceedance stops, cease additional monitoring.	remedial actions; 4. Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly.	4. Supervise implementation of remedial measures 5. If exceedance continues, consider stopping the Contractor to continue working on that portion of work which causes the exceedance until the exceedance is abated.	working days of notification; 4. Implement the agreed proposals; 5. Submit further remedial actions if problem still not under control; 6. Stop the relevant portion of works as instructed by the ER until the exceedance is abated.

Appendix D

Implementation Schedule of Mitigation Measures

Summary of Implementation Schedule of Mitigation Measures

EIA Ref #	EM&A Ref#	Environmental Protection Measures / Mitigation Measures	Location / Timing	Status *
		Noise Control		
3.8.1	2.8.1	Good site practice and management can significantly reduce the noise impact of construction site activities on nearby NSRs • only well-maintained plant should be operated on-site and plant should be serviced regularly during the construction works; • machines and plant that may be in intermittent use should be shut down between work periods or should be throttled down to a minimum; • plant known to emit noise strongly in one direction should, where possible, be orientated to direct noise away from the NSRs; • mobile plant should be sited as far away from NSRs as possible; and • material stockpiles and other structures should be effectively utilized, where practicable, to screen noise from on-site construction activities.	Works Sites / During Construction Phase	✓ ✓ ✓ ✓ N/O
3.8.4	2.8.3	Use of quieter mechanical equipment	Works Sites / During Construction Phase	N/O
3.8.9	2.8.4	Provision of movable noise barrier in the vicinity of the following NSRs • FEC (Far East Consortium Tuen Mun Central Building) • FM (Forward Mansion) • HTB (Hing Tai Building) • TMTP1 (Tuen Mun Town Plaza) • WG2 (Waldorf Garden) • CMA (CMA Choi Cheung Kok Secondary School) • LWF (Yan Oi Tong Madam Lau Wong Fat Primary School) • TMF (Tuen Mun Fa Yuen) • LCK (Lui Cheung Kwong Lutheran College) • CLFY1 (Chi Lok Fa Yuen)	Works Sites from the listed NSRs / During Construction Phase	N/O

Notes (*): ✓ – Compliance; N/A - Not Applicable; N/O – Not Observed; Rdr – Reminder; Obs – Observation; N/C - Non Compliance

EIA Ref #	EM&A Ref#	Environmental Protection Measures / Mitigation Measures	Location / Timing	Status *
		• TFH (On Ting Estate (Ting Fuk House)) • LCKP (Lui Cheung Kwong Lutheran Primary School) • TTP (Tung Wah Group of Hospitals Tai Tung Pui Social Service Building) • CSBS (CSBS Mrs. Aw Boon Haw Secondary School) • KFG3D (Kam Fai Garden)		
3.8.12	2.8.5	Site clearance and the following activities not to be undertaken in the vicinity of the NSR LCK so as to reduce construction noise impact during normal teaching hours. • truck would not operate concurrently with other PMEs during tree transplanting and noise barrier foundation work. • tree transplanting would not be undertaken concurrently with bulk excavation and utilities diversion. • construction of storm water drain would not be undertaken concurrently with noise barrier/enclosure foundation. • construction of sub-base and road base would not be undertaken concurrently with noise barrier/enclosure installation. • road surfacing, construction of road kerbs, central dividers, parapets, and installation of crash cushion and sign gantry would not be undertaken concurrently. • installation of gantry and directional lighting, and street lighting would not be undertaken concurrently.	Work site in the vicinity of Lui Cheung Kwong Lutheran College (LCK) / Stage 2 (Ch. 28050 – 28200 of TMR) during Construction Phase	N/O

Notes (*): ✓ – Compliance; N/A - Not Applicable; N/O – Not Observed; Rdr – Reminder; Obs – Observation; N/C - Non Compliance

EIA Ref #	EM&A Ref#	Environmental Protection Measures / Mitigation Measures	Location / Timing	Status *
3.8.13	2.8.6	Liaise with all the relevant schools to check out their examination periods and activities in the beginning of the work programme in order to make good planning and arrangement of works and provide sufficient mitigation plans to alleviate noise impacts.	CMA Choi Cheung Kok Secondary School (CMA), Yan Oi Tong Madam Lau Wong Fat Primary School (LWF), Lui Cheung Kwong Lutheran College (LCK), Lui Cheung Kwong Lutheran Primary School (LCKP) and CSBS Mrs. Aw Boon Haw Secondary School (CSBS) / During Construction Phase	N/O

All recommendations and requirements resulted during the course of EIA Process, including ACE and / or accepted public comment to the proposed project.

EIA Ref #	EM&A Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Status *
		Air Quality Control		
4.8.1	3.11.2	Implementation of dust suppression measures stipulated in Air Pollution Control (Construction Dust) Regulation.	Works Sites / During Construction Phase	
		• skip hoist for material transport should be totally enclosed by impervious sheeting		N/O
		• every vehicle should be washed to remove any dusty materials from its body and wheels before leaving a construction site		N/O
		• the area where vehicle washing takes place and the section of the road between the washing facilities and the exit point should be paved with concrete, bituminous materials or hardcores		N/O
		• where a site boundary adjoins a road, streets or other accessible to the public, hording of not less than 2.4m high from ground level should be provided along the entire length except for a		✓

Notes (*): ✓ – Compliance; N/A - Not Applicable; N/O – Not Observed; Rdr – Reminder; Obs – Observation; N/C - Non Compliance

EIA Ref #	EM&A Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Status *
		site entrance or exit		
		• every stack of more than 20 bags of cement should be covered entirely by impervious sheeting places in an area sheltered on the top and the 3 sides		N/O
		• all dusty materials should be sprayed with water prior to any loading, unloading or transfer operation so as to maintain the dusty materials wet		N/O
		• the height from which excavated materials are dropped should be controlled to a minimum practical height to limit fugitive dust generation from unloading		✓
		• the load of dusty materials carried by vehicle leaving a construction site should be covered entirely by clean impervious sheeting to ensure dust materials do not leak from the vehicle		N/O
		• instigation of an environmental monitoring and auditing program to monitor the construction process in order to enforce controls and modify method of work if dusty conditions arise.		✓

All recommendations and requirements resulted during the course of EIA Process, including ACE and / or accepted public comment to the proposed project.

EIA Ref #	EM&A Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Status *
		Water Quality Control		
5.8.2	4.3.2	Construction run-off and Drainage	Works Sites / During Construction Phase	N/O
		• Silt removal facilities such as silt traps or sedimentation facilities should be provided to remove silt particles from runoff to meet the requirements of the TM standards under the WPCO. The design of silt removal facilities should be based on the guidelines provided in ProPECC PN 1/94. All drainage facilities and erosion and sediment control structures should be inspected monthly and maintained to ensure proper and efficient operation at all times and particularly during rainstorms.		
		• Careful programming of the works to minimise surface excavations for the road improvement works during the wet season. If excavation of soil cannot be avoided during the wet season, exposed slope surfaces should be covered by a tarpaulin or other means. Other measures that need to be implemented before, during, and after rainstorms are summarized in ProPECC PN 1/94.		
		• Exposed soil surfaces should be protected by paving or fill material as soon as possible to		

Notes (*): ✓ – Compliance; N/A - Not Applicable; N/O – Not Observed; Rdr – Reminder; Obs – Observation; N/C - Non Compliance

EIA Ref #	EM&A Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Status *
		reduce the potential of soil erosion. • Open stockpiles of construction materials or construction wastes on-site should be covered with tarpaulin or similar fabric during rainstorms. These materials should not be placed near water courses.		
5.8.3 - 5.8.4	4.3.3	General Construction Activities • Debris and refuse generated on-site should be collected, handled and disposed of properly to avoid entering the nearby local stormwater drainage system. • Stockpiles of cement and other construction materials should be kept covered when not being used. • Oils and fuels should only be used and stored in designated areas which have pollution prevention facilities. All fuel tanks and storage areas should be provided with locks and be sited on sealed areas, within bunds of a capacity equal to 110% of the storage capacity of the largest tank. The bund should be drained of rainwater after a rain event	Works Sites / During Construction Phase	✓ N/O ✓
5.8.5	4.3.4	Sewage from Construction Workforce • Temporary sanitary facilities, such as portable chemical toilets, should be employed on-site. A licensed contractor would be responsible for appropriate disposal and maintenance of these facilities	Works Sites / During Construction Phase	✓

All recommendations and requirements resulted during the course of EIA Process, including ACE and / or accepted public comment to the proposed project.

Notes (*): ✓ – Compliance; N/A - Not Applicable; N/O – Not Observed; Rdr – Reminder; Obs – Observation; N/C - Non Compliance

EIA Ref #	EM&A Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Status *
		Waste Management		
6.6.1	*5.2.2*	*Good Site Practices* • Nomination of an approved person, such as a site manager, to be responsible for good site practices, arrangements for collection and effective disposal to an appropriate facility, of all wastes generated at the site. • Training of site personnel in proper waste management and chemical waste handling procedures. • Provision of sufficient waste disposal points and regular collection for disposal. • Appropriate measures to minimise windblown litter and dust during transportation of waste by either covering trucks or by transporting wastes in enclosed containers. • Regular cleaning and maintenance programme for drainage systems, sumps and oil interceptors. • A recording system for the amount of wastes generated, recycled and disposed of (including the disposal sites).	Works Sites / During Construction Phase	✓ ✓ ✓ ✓ ✓ ✓
6.6.5	*5.2.6*	*Chemical Wastes* • After use, chemical wastes (for example, cleaning fluids, solvents, lubrication oil and fuel) should be handled according to the Code of Practice on the Packaging, Labelling and Storage of Chemical Wastes. • Spent chemicals should be collected by a licensed collector for disposal at the CWTC or other licensed facility, in accordance with the Waste Disposal (Chemical Waste) (General) Regulation.	Works Sites / During Construction Phase	✓ ✓
6.6.6	*5.2.7*	*General Refuse* • General refuse should be stored in enclosed bins or compaction units separate from C&D material. • A reputable waste collector should be employed by the contractor to remove general refuse from the site, separately from C&D material. • An enclosed and covered area is preferred to reduce the occurrence of 'wind blown' light material.	Works Sites / During Construction Phase	✓ ✓ ✓

Notes (*): ✓ – Compliance; N/A - Not Applicable; N/O – Not Observed; Rdr – Reminder; Obs – Observation; N/C - Non Compliance

EIA Ref #	EM&A Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Status *
6.6.2	*5.2.3*	*Waste Reduction Measures* Good management and control can prevent the generation of a significant amount of waste. Waste reduction is best achieved at the planning and design stage, as well as by ensuring the implementation of good site practices. Recommendations to achieve waste reduction include: • Segregation and storage of different types of waste in different containers, skips or stockpiles to enhance reuse or recycling of materials and their proper disposal. • Encourage collection of aluminium cans, PET bottles and paper by providing separate labelled bins to enable these wastes to be segregated from other general refuse generated by the work force. • Any unused chemicals or those with remaining functional capacity shall be recycled. • Use of reusable non-timber formwork to reduce the amount of C&D material. • Prior to disposal of C&D waste, it is recommended that wood, steel and other metals shall be separated for re-use and / or recycling to minimise the quantity of waste to be disposed of to landfill. • Proper storage and site practices to minimise the potential for damage or contamination of construction materials. • Plan and stock construction materials carefully to minimise amount of waste generated and avoid unnecessary generation of waste.	Works Sites / During Construction Phase	✓ N/O N/O N/O N/O ✓ ✓
6.6.4	*5.2.5*	*Construction and Demolition (C&D) Material* • The excavated fill material shall be re-used on-site as backfill material as far as possible. • The surplus excavated material should be disposed of at the designated public fill reception facility, as agreed with the Secretary of the Public Fill Committee, for other beneficial uses. • C&D waste would require disposal to the designated landfill site. • In order to monitor the disposal of C&D materials at the public fill reception facility and landfill and to control fly-tipping, a trip-ticket system should be included. One may make reference to ETWB TCW No. 31/2004 for details.	Works Sites / During Construction Phase	✓ ✓ N/O ✓

All recommendations and requirements resulted during the course of EIA Process, including ACE and / or accepted public comment to the proposed project.

Notes (*): ✓ – Compliance; N/A - Not Applicable; N/O – Not Observed; Rdr – Reminder; Obs – Observation; N/C - Non Compliance

EIA Ref #	EM&A Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Status *
		Ecology		
7.9.2	6.2.2	Construction activities should be confined to developed areas of low ecological value, and there should be no direct impact on other habitats within the Study Area.	Works Sites / During Construction Phase	✓
7.9.3	6.2.3	Noise mitigation measures, including installation of noise-emitting construction plant away from egretry, careful scheduling of noisy works with high disturbance impact to avoid breeding season of ardeid species (i.e. mid March to August) to prevent impacts on nesting activities of Little Egret, operation of well-maintained machinery, careful programming of works and use of noise reduction facilities could be implemented to mitigate noise impacts arised from construction activities such as road widening and road paving. Temporary noise barrier should also be used to reduce the level of noise during construction. Noise impact would be minimised during operation phase as permanent noise barrier has been proposed to be constructed. The use of low noise road surfacing could also reduce the level of noise during operation.	Works Sites / During Construction Phase	N/O
7.9.4	6.2.4	In order to minimise the impact of construction dust to the vegetation and associated wildlife within and around the proposed Works Area, the following mitigation measures should be implemented: • regular watering • complete coverage of dusty material storage piles • the use of minimum practical height for dropping excavated material	Works Sites / During Construction Phase	N/O ✓ ✓
7.9.6	6.2.6	To minimise the indirect impacts to the nearby Tuen Mun River Channel, the following mitigation measures should be implemented: • Site runoff could be directed towards regularly cleaned and maintained sand traps, silt traps and where appropriate • Oil/grease separators to minimise risk of sedimentation and pollution to the river channel. • Debris and rubbish generated on-site should be collected, handled and disposed properly.	Works Sites / During Construction Phase	N/O N/O ✓

Notes (*): ✓ – Compliance; N/A - Not Applicable; N/O – Not Observed; Rdr – Reminder; Obs – Observation; N/C - Non Compliance

EIA Ref #	EM&A Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Status *
7.9.5	6.2.5	Standard good site practice measures should be implemented and should include: • Placement of equipment in designated Works Areas within the existing disturbed land. • Construction activities should be restricted to the proposed Works Area. • The proposed Works Area should be reinstated immediately after completion of the works. • Open burning on proposed works site is illegal, and will be strictly enforced. • Waste skips should be provided to collect general refuse and construction wastes, which should be disposed regularly and properly off-site. • Soil contaminated by fuel leaked from construction plants should be removed and treated.	Works Sites / During Construction Phase	✓ ✓ ✓ ✓ ✓ N/O
7.9.7	6.2.7	To minimise the chance of bird collision during operation phase, falcon sticker, tinted materials, embedded opaque stripes and superimposed patterns of thin opaque stripes are methods that could be used during the design of noise barrier.	Works Sites / During Operation Phase	N/O
7.9.8	6.2.8	Compensatory planting is recommended as the current roadside plantation must be removed to give way to the works. Species of choice should be composed of similar native species and the felling and planting ratio should be no less than 1:1 in terms of quantity.	Works Sites / During Operation Phase	N/O

All recommendations and requirements resulted during the course of EIA Process, including ACE and / or accepted public comment to the proposed project.

Notes (*): ✓ – Compliance; N/A - Not Applicable; N/O – Not Observed; Rdr – Reminder; Obs – Observation; N/C - Non Compliance

EIA Ref #	EM&A Ref	Environmental Protection Measures / Mitigation Measures		Location / Timing	Status *
		Landscape and Visual			
Table 8.8	7.3.1	CM1	Topsoil, where identified, should be stripped and stored for re-use in the construction of the soft landscape works, where practical.	Works Sites / During Construction Phase	✓
Table 8.8	7.3.1	CM2	Existing trees to be retained on site should be carefully protected during construction.		✓
Table 8.8	7.3.1	CM3	Trees unavoidably affected by the works should be transplanted where practical.		✓
Table 8.8	7.3.1	CM4	Compensatory tree planting should be provided to compensate for felled trees.		✓
Table 8.8	7.3.1	CM5	Control of night-time lighting.		N/O
Table 8.8	7.3.1	CM6	Erection of decorative screen hoarding compatible with the surrounding setting.		✓

All recommendations and requirements resulted during the course of EIA Process, including ACE and / or accepted public comment to the proposed project.

Notes (*): ✓ – Compliance; N/A - Not Applicable; N/O – Not Observed; Rdr – Reminder; Obs – Observation; N/C - Non Compliance

EIA Ref #	EM&A Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Status *
		Land Contamination		
9.8.3	8.2.2	To minimize construction workers' potential contact with the contaminated materials • The use of bulk earth-moving excavator equipment would minimise construction workers' potential contact with the contaminated materials; • Exposure to any contaminated materials can be minimised by the wearing of appropriate clothing and personal protective equipment such as gloves (when interacting directly with suspected contaminated material), providing adequate hygiene and washing facilities and preventing smoking and eating during such activities; • Stockpiling of contaminated soil should be avoided as far as possible. If this cannot be avoided, the stockpile of contaminated materials should be segregated from the uncontaminated ones. Moreover, the contaminated materials should be properly covered with waterproof material (e.g. tarpaulin sheet) to avoid leaching of contaminants, especially during rainy season. • Vehicles containing any excavated materials should be suitably covered to limit potential dust emissions or contaminated wastewater run-off, and truck bodies and tailgates should be sealed to prevent any leakage during transport or during wet conditions; • Only licensed waste haulers should be used to collect and transport any contaminated material to an appropriate disposal site and procedures should be developed to ensure that illegal disposal of waste does not occur; • Necessary waste disposal permits should be obtained, as required, from the appropriate authorities, in accordance with the Waste Disposal Ordinance (Cap 354), Waste Disposal (Chemical Waste) (General) Regulation (Cap 35), as required; • Records of the quantities of wastes generated and disposed of should be maintained; Adequate washing facilities should be provided on site; and • In accordance with good construction practice, silt traps should be used to reduce the impact to drainage caused by suspended solids arising from disturbed ground, or any construction materials such as cement and gravel. Groundwater should be disposed of in accordance with the Water Pollution Control Ordinance (Cap 358).	Excavation zones / During excavation	N/O

All recommendations and requirements resulted during the course of EIA Process, including ACE and / or accepted public comment to the proposed project.

Notes (*): ✓ – Compliance; N/A - Not Applicable; N/O – Not Observed; Rdr – Reminder; Obs – Observation; N/C - Non Compliance

Appendix E

Calibration Certificates and Spreadsheets of Air Monitoring Equipments

TISCH ENVIROMENTAL, INC.
145 SOUTH MIAMI AVE.
VILLAGE OF CLEVES, OH 45002
513.467.9000
877.263.7610 TOLL FREE
513.467.9009 FAX
WWW.TISCH-ENV.COM

AIR POLLUTION MONITORING EQUIPMENT

ORIFICE TRANSFER STANDARD CERTIFICATION WORKSHEET TE-5025A

Date - Mar 03, 2010 Rootsmeter S/N 9833620 Ta (K) - 292
Operator Tisch Orifice I.D. - 1378 Pa (mm) - 749.3

PLATE OR Run #	VOLUME START (m3)	VOLUME STOP (m3)	DIFF VOLUME (m3)	DIFF TIME (min)	METER DIFF Hg (mm)	ORFICE DIFF H2O (in.)
1	NA	NA	1.00	1.4040	3.2	2.00
2	NA	NA	1.00	0.9880	6.4	4.00
3	NA	NA	1.00	0.8840	8.0	5.00
4	NA	NA	1.00	0.8420	8.8	5.50
5	NA	NA	1.00	0.6950	12.8	8.00

DATA TABULATION

Vstd	(x axis) Qstd	(y axis)		Va	(x axis) Qa	(y axis)
1.0019	0.7136	1.4186		0.9957	0.7092	0.8828
0.9976	1.0097	2.0062		0.9915	1.0035	1.2485
0.9953	1.1260	2.2430		0.9892	1.1190	1.3959
0.9943	1.1809	2.3524		0.9882	1.1737	1.4640
0.9890	1.4230	2.8372		0.9829	1.4142	1.7657
Qstd slope (m) =		2.00078		Qa slope (m) =		1.25285
intercept (b) =		-0.01075		intercept (b) =		-0.00669
coefficient (r) =		0.99999		coefficient (r) =		0.99999
y axis = SQRT[H2O(Pa/760)(298/Ta)]				y axis = SQRT[H2O(Ta/Pa)]		

CALCULATIONS

Vstd = Diff. Vol[(Pa-Diff. Hg)/760](298/Ta)
Qstd = Vstd/Time

Va = Diff Vol [(Pa-Diff Hg)/Pa]
Qa = Va/Time

For subsequent flow rate calculations:

Qstd = 1/m{[SQRT(H2O(Pa/760)(298/Ta))]- b}
Qa = 1/m{[SQRT H2O(Ta/Pa)]- b}

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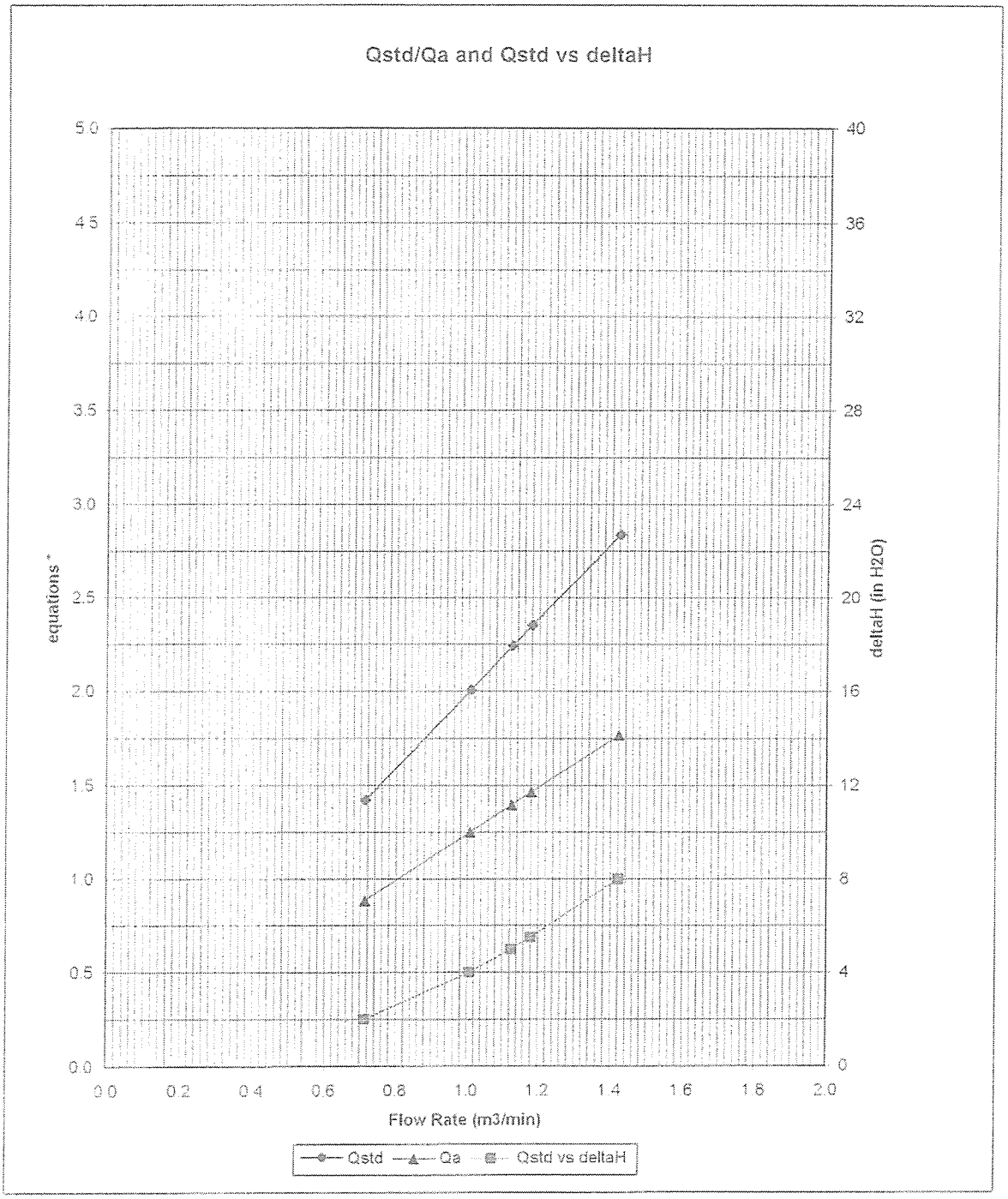
AIR POLLUTION MONITORING EQUIPMENT



* y-axis equations:

Qstd series: $\sqrt{\Delta H \left(\frac{Pa}{Pstd}\right)\left(\frac{Tstd}{Ta}\right)}$

Qa series: $\sqrt{(\Delta H\ (Ta\ /\ Pa))}$

#1378

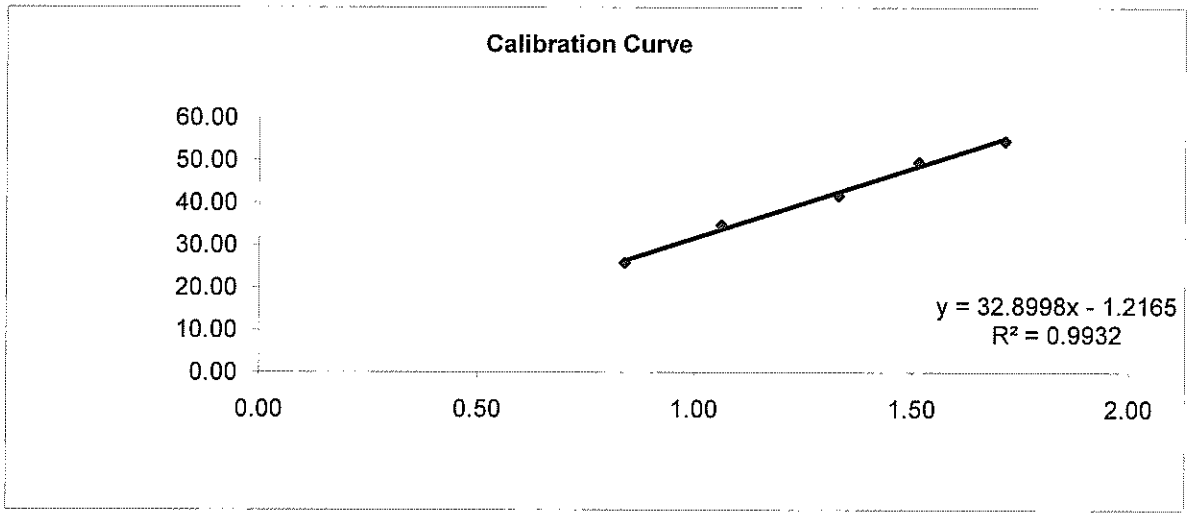
Ove Arup Partners Hong Kong Limited

High Volume Air Sampler Calibration Worksheet

Calibration date	5-Aug-10	**Barometric pressure**	762 mm Hg
Next Calibration date	4-Oct-10	**Tempature (°C)**	30 °C
Sampler location	Mrs. AW Boon Haw Secondary School	**Tempature (K)**	303 K
Sampler model	TE-5170	**P_{std}**	760 mm Hg
Sampler serial number	521	**T_{std}**	298 K

Calibrator model	GMW-2535
Calibrator serial number	1378
Slope of the standard curve, m_s	2.00078
Intercept of the standard curve, b_s	-0.01075

Resistance Plate No.	Manometer Reading (inch H_2O)	Flow Recorder Reading (CFM)	Calculated Q_{std} (m^3/min)	Continuous Flow Recorder Reading IC (CFM)
5	2.80	26.00	0.84	25.82
7	4.50	35.00	1.06	34.76
10	7.10	42.00	1.33	41.71
13	9.20	50.00	1.51	49.65
18	11.80	55.00	1.71	54.62



Linear Regression

Sampler slope (m) : **32.8998**
Sampler intercept (b) : **-1.2165**
Correlation coefficient (R^2) : **0.9932**

Correlation coefficient is greater than 0.9900 and the calibration result is accepted.

Performed by: _____ Date: 5/8/2010

Checked by: _____ Date: 5/8/10

Ove Arup Partners Hong Kong Limited

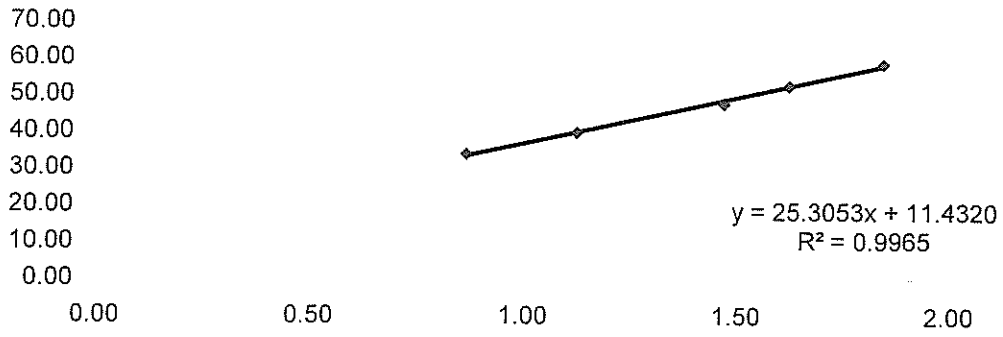
High Volume Air Sampler Calibration Worksheet

Calibration date	5-Aug-10	**Barometric pressure**	762 mm Hg
Next Calibration date	4-Oct-10	**Tempature (°C)**	30 °C
Sampler location	Tai Tung Pui Social Service	**Tempature (K)**	303 K
Sampler model	TE-5170	**P_{std}**	760 mm Hg
Sampler serial number	522	**T_{std}**	298 K

Calibrator model	GMW-2535
Calibrator serial number	1378
Slope of the standard curve, m_s	2.00078
Intercept of the standard curve, b_s	-0.01075

Resistance Plate No.	Manometer Reading (inch H_2O)	Flow Recorder Reading (CFM)	Calculated Q_{std} (m^3/min)	Continuous Flow Recorder Reading IC (CFM)
5	2.85	34.00	0.87	33.76
7	4.80	40.00	1.12	39.72
10	8.20	48.00	1.47	47.66
13	10.00	53.00	1.62	52.63
18	12.90	59.00	1.84	58.59

Calibration Curve



Linear Regression

Sampler slope (m) :	**25.3053**
Sampler intercept (b) :	**11.4320**
Correlation coefficient (R^2) :	**0.9965**

Correlation coefficient is greater than 0.9900 and the calibration result is accepted.

Performed by: _____ Date: 5/8/2010

Checked by: _____ Date: 5/8/10

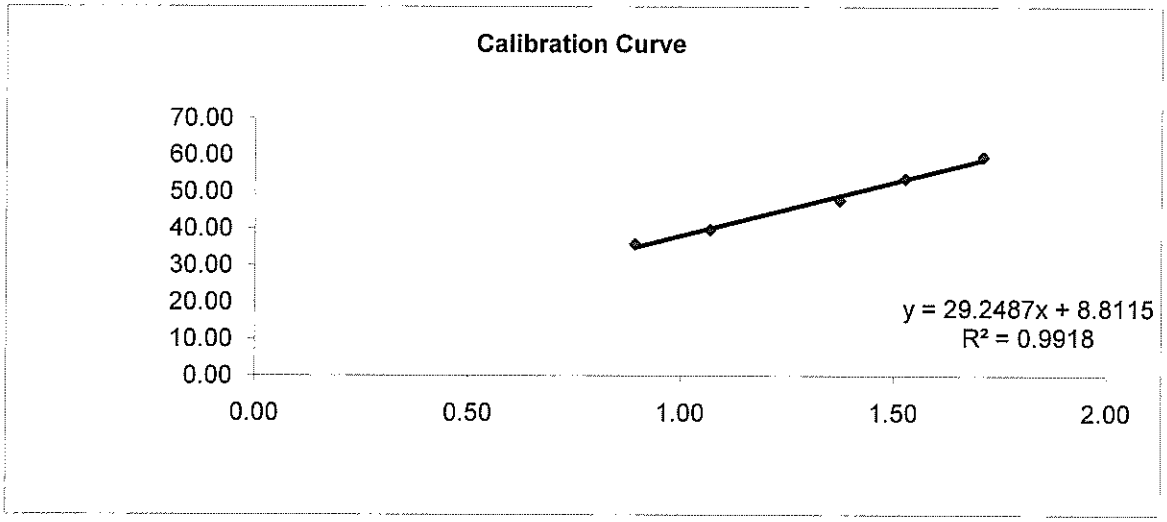
Ove Arup Partners Hong Kong Limited

High Volume Air Sampler Calibration Worksheet

Calibration date	7-Aug-10	**Barometric pressure**	762 mm Hg
Next Calibration date	6-Oct-10	**Tempature (°C)**	30 °C
Sampler location	Wu Siu Kui Primary School	**Tempature (K)**	303 K
Sampler model	TE-5170	**P_{std}**	760 mm Hg
Sampler serial number	505	**T_{std}**	298 K

Calibrator model	GMW-2535
Calibrator serial number	1378
Slope of the standard curve, m_s	2.00078
Intercept of the standard curve, b_s	-0.01075

Resistance Plate No.	Manometer Reading (inch H_2O)	Flow Recorder Reading (CFM)	Calculated Q_{std} (m^3/min)	Continuous Flow Recorder Reading IC (CFM)
5	3.20	36.00	0.89	35.75
7	4.60	40.00	1.07	39.72
10	7.60	48.00	1.37	47.66
13	9.40	54.00	1.53	53.62
18	11.80	60.00	1.71	59.58



Linear Regression

Sampler slope (m) :	**29.2487**
Sampler intercept (b) :	**8.8115**
Correlation coefficient (R^2) :	**0.9918**

Correlation coefficient is greater than 0.9900 and the calibration result is accepted.

Performed by: _____ Date: 7/8/2010

Checked by: _____ Date: 7/8/10

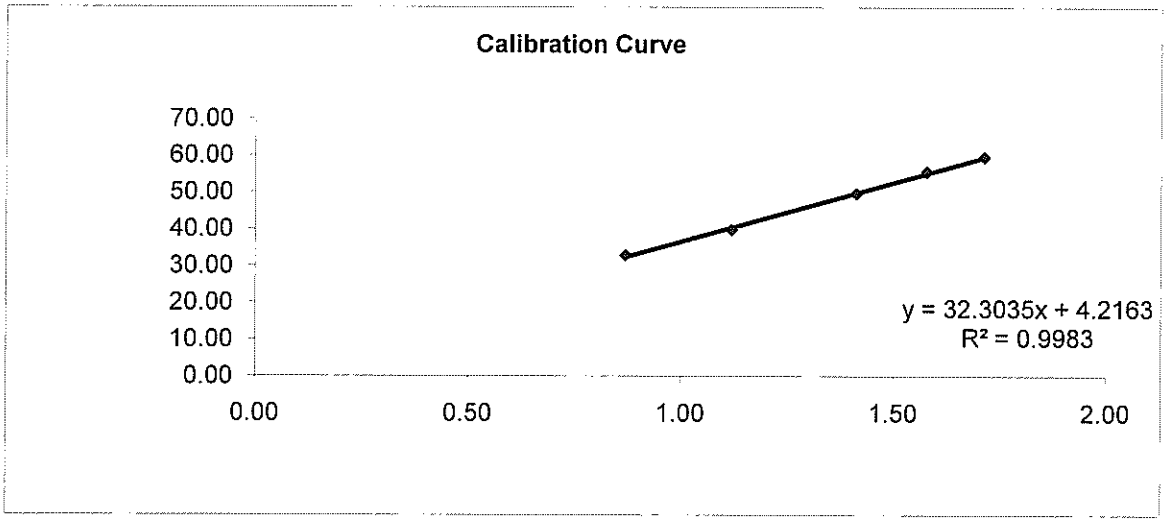
Ove Arup Partners Hong Kong Limited

High Volume Air Sampler Calibration Worksheet

Calibration date	5-Aug-10	**Barometric pressure**	762 mm Hg
Next Calibration date	4-Oct-10	**Tempature (°C)**	30 °C
Sampler location	Choi Cheung Kok Secondary	**Tempature (K)**	303 K
Sampler model	Thermo Anderson	**P_{std}**	760 mm Hg
Sampler serial number	1278	**T_{std}**	298 K

Calibrator model	GMW-2535
Calibrator serial number	1378
Slope of the standard curve, m_s	2.00078
Intercept of the standard curve, b_s	-0.01075

Resistance Plate No.	Manometer Reading (inch H_2O)	Flow Recorder Reading (CFM)	Calculated Q_{std} (m^3/min)	Continuous Flow Recorder Reading IC (CFM)
5	3.00	33.00	0.87	32.77
7	5.00	40.00	1.12	39.72
10	8.00	50.00	1.41	49.65
13	10.00	56.00	1.58	55.61
18	11.80	60.00	1.71	59.58



Linear Regression

Sampler slope (m) :	**32.3035**
Sampler intercept (b) :	**4.2163**
Correlation coefficient (R^2) :	**0.9983**

Correlation coefficient is greater than 0.9900 and the calibration result is accepted.

Performed by: _____ Date: 5/8/2010

Checked by: _____ Date: 5/8/10

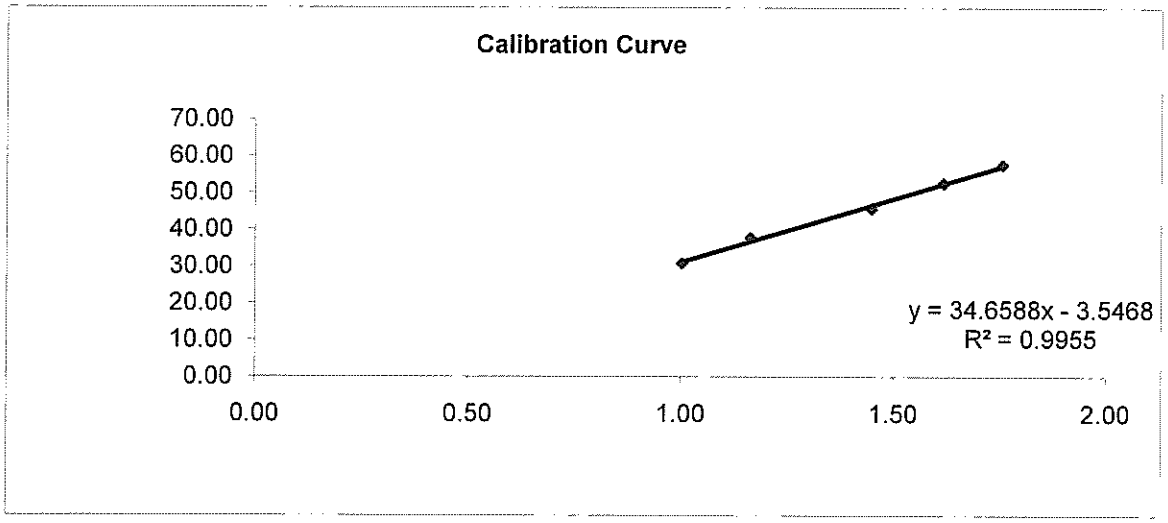
Ove Arup Partners Hong Kong Limited

High Volume Air Sampler Calibration Worksheet

Calibration date	5-Aug-10	**Barometric pressure**	762 mm Hg
Next Calibration date	4-Oct-10	**Tempature (°C)**	30 °C
Sampler location	Tuen Mun Town Hall	**Tempature (K)**	303 K
Sampler model	TE-5170	**P_{std}**	760 mm Hg
Sampler serial number	516	**T_{std}**	298 K

Calibrator model	GMW-2535
Calibrator serial number	1378
Slope of the standard curve, m_s	2.00078
Intercept of the standard curve, b_s	-0.01075

Resistance Plate No.	Manometer Reading (inch H_2O)	Flow Recorder Reading (CFM)	Calculated Q_{std} (m^3/min)	Continuous Flow Recorder Reading IC (CFM)
5	4.00	31.00	1.00	30.78
7	5.40	38.00	1.16	37.73
10	8.40	46.00	1.45	45.68
13	10.50	53.00	1.62	52.63
18	12.40	58.00	1.76	57.60



Linear Regression

Sampler slope (m) :	**34.6588**
Sampler intercept (b) :	**-3.5468**
Correlation coefficient (R^2) :	**0.9955**

Correlation coefficient is greater than 0.9900 and the calibration result is accepted.

Performed by: _____ Date: 5/8/2010

Checked by: _____ Date: 5/8/10

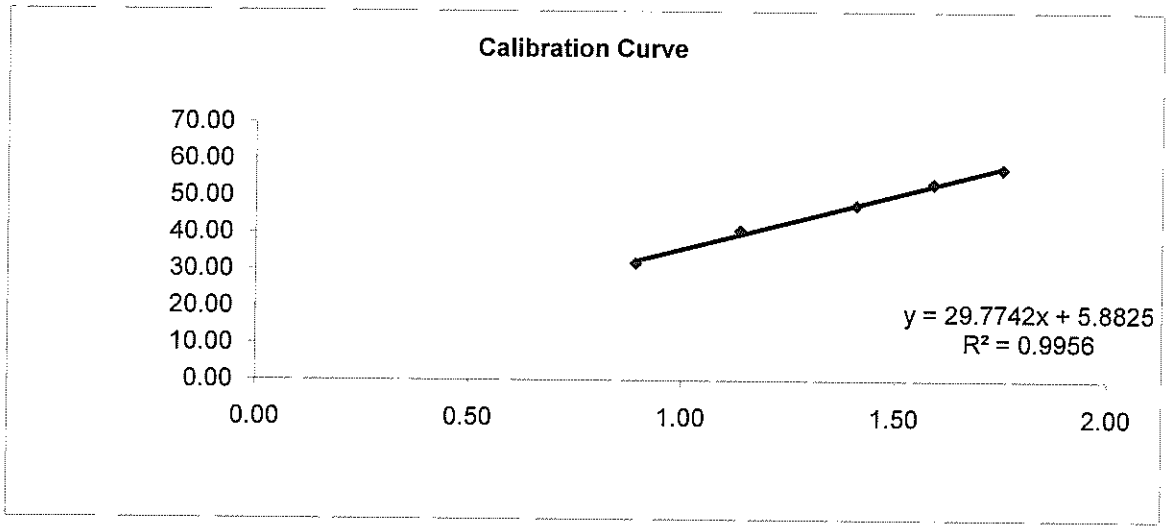
Ove Arup Partners Hong Kong Limited

High Volume Air Sampler Calibration Worksheet

Calibration date	7-Aug-10	**Barometric pressure**	762 mm Hg
Next Calibration date	6-Oct-10	**Tempature (°C)**	30 °C
Sampler location	Yan Oi Tong	**Tempature (K)**	303 K
Sampler model	TE-5170	**P_{std}**	760 mm Hg
Sampler serial number	510	**T_{std}**	298 K

Calibrator model	GMW-2535
Calibrator serial number	1378
Slope of the standard curve, m_s	2.00078
Intercept of the standard curve, b_s	-0.01075

Resistance Plate No.	Manometer Reading (inch H_2O)	Flow Recorder Reading (CFM)	Calculated Q_{std} (m^3/min)	Continuous Flow Recorder Reading IC (CFM)
5	3.20	32.00	0.89	31.78
7	5.20	41.00	1.14	40.71
10	8.00	48.00	1.41	47.66
13	10.20	54.00	1.59	53.62
18	12.40	58.00	1.75	57.60



Linear Regression

Sampler slope (m) :	**29.7742**
Sampler intercept (b) :	**5.8825**
Correlation coefficient (R^2) :	**0.9956**

Correlation coefficient is greater than 0.9900 and the calibration result is accepted.

Performed by: _____ Date: 7/8/2010

Checked by: _____ Date: 7/8/10

Appendix F

Impact Air Quality Monitoring Results

Agreement No. HMW 5/2009 (EP) Traffic Improvement to Tuen Mun Road Town Centre Section
Impact Air Quality Monitoring Result at Mrs Aw Boon Haw Secondary School (AM1) - 24 hour TSP

Filter No.	Month	Date	Receptor No.	Weather condition	Site condition	Pressure (mmHg)		Temperature (oC)		Flow Recorder Reading (CFM)		Filter Weight (g)		TSP weight (g)	Flow Rate (m^3/min)		Average Flow Rate (m^3/min)	Elapse Time		Sampling Time	Total vol. (m^3)	AM1
						Initial	Final	Initial	Final	Initial	Final	Initial	Final		Initial	Final		Start	Finish			
101233	Aug-10	6-Aug-10	AM1	Fine	Normal Operation	754.0	753.0	28.0	28.0	40.0	40.0	2.8608	2.9270	0.0662	1.2536	1.2529	1.2533	9985.30	10009.30	1440.00	1804.68	36.7
101280	Aug-10	12-Aug-10	AM1	Fine	Normal Operation	756.0	756.0	29.0	29.0	40.0	40.0	2.8397	2.8649	0.0252	1.2415	1.2415	1.2415	10009.30	10033.30	1440.00	1787.76	14.1
101406	Aug-10	18-Aug-10	AM1	Fine	Normal Operation	758.0	759.0	28.0	27.0	40.0	40.0	2.7227	2.7540	0.0313	1.2451	1.2479	1.2465	10033.30	10057.30	1440.00	1794.96	17.4
101470	Aug-10	24-Aug-10	AM1	Cloudy	Normal Operation	757.0	757.0	26.0	28.0	40.0	40.0	2.7706	2.8833	0.1127	1.2484	1.2443	1.2464	10057.30	10081.30	1440.00	1794.74	62.8
130009	Aug-10	30-Aug-10	AM1	Fine	Normal Operation	753.0	751.0	29.0	30.0	40.0	40.0	2.7542	2.9289	0.1747	1.2392	1.2356	1.2374	10081.30	10105.30	1440.00	1781.86	98.0

Average (ug/m^3)	45.8
Max (ug/m^3)	98.0
Min (ug/m^3)	14.1

Action Level (ug/m^3)	146
Limit Level (ug/m^3)	260

Agreement No. HMW 5/2009 (EP) Traffic Improvement to Tuen Mun Road Town Centre Section
Impact Air Quality Monitoring Result at Tai Tung Pui Social Service Building (AM2) - 24 hour TSP

Filter No.	Month	Date	Receptor No.	Weather condition	Site condition	Pressure (mmHg)		Temperature (oC)		Flow Recorder Reading (CFM)		Filter Weight (g)		TSP weight (g)	Flow Rate (m^3/min)		Average Flow Rate (m^3/min)	Elapse Time		Sampling Time	Total vol. (m^3)	AM2
						Initial	Final	Initial	Final	Initial	Final	Initial	Final		Initial	Final		Start	Finish			
101234	Aug-10	6-Aug-10	AM2	Fine	Normal Operation	754.0	753.0	28.0	28.0	40.0	40.0	2.8525	2.9386	0.0861	1.0611	1.0601	1.0606	4139.10	4163.10	1440.00	1527.26	56.4
101395	Aug-10	12-Aug-10	AM2	Fine	Normal Operation	756.0	756.0	29.0	29.0	40.0	40.0	2.7755	2.8470	0.0715	1.1143	1.1143	1.1143	4163.10	4187.10	1440.00	1604.59	44.6
101404	Aug-10	18-Aug-10	AM2	Fine	Normal Operation	758.0	759.0	28.0	27.0	40.0	40.0	2.7245	2.7720	0.0475	1.1190	1.1226	1.1208	4187.10	4211.10	1440.00	1613.95	29.4
101471	Aug-10	24-Aug-10	AM2	Cloudy	Normal Operation	757.0	757.0	26.0	28.0	40.0	40.0	2.7621	2.8427	0.0806	1.1232	1.1179	1.1206	4211.10	4235.10	1440.00	1613.59	50.0
130011	Aug-10	30-Aug-10	AM2	Fine	Normal Operation	753.0	751.0	29.0	30.0	40.0	40.0	2.7610	2.9700	0.2090	1.1112	1.1066	1.1089	4235.10	4259.10	1440.00	1596.82	130.9

Average (ug/m^3)	62.3
Max (ug/m^3)	130.9
Min (ug/m^3)	29.4

Action Level (ug/m^3)	151
Limit Level (ug/m^3)	260

Agreement No. HMW 5/2009 (EP) Traffic Improvement to Tuen Mun Road Town Centre Section
Impact Air Quality Monitoring Result at Wu Siu Kui Primary School (AM3) - 24 hour TSP

Filter No.	Month	Date	Receptor No.	Weather condition	Site condition	Pressure (mmHg)		Temperature (oC)		Flow Recorder Reading (CFM)		Filter Weight (g)		TSP weight (g)	Flow Rate (m^3/min)		Average Flow Rate (m^3/min)	Elapse Time		Sampling Time	Total vol. (m^3)	AM3
						Initial	Final	Initial	Final	Initial	Final	Initial	Final		Initial	Final		Start	Finish			
101235	Aug-10	6-Aug-10	AM3	Fine	Normal Operation	754.0	753.0	28.0	28.0	40.0	40.0	2.8548	2.9530	0.0982	1.0017	1.0008	1.0013	8305.39	8329.39	1440.00	1441.80	68.1
101396	Aug-10	12-Aug-10	AM3	Fine	Normal Operation	756.0	756.0	29.0	29.0	40.0	40.0	2.7688	2.8018	0.0330	1.0537	1.0537	1.0537	8329.39	8353.39	1440.00	1517.33	21.7
101403	Aug-10	18-Aug-10	AM3	Fine	Normal Operation	758.0	759.0	28.0	27.0	40.0	40.0	2.7335	2.7904	0.0569	1.0577	1.0608	1.0593	8353.39	8377.39	1440.00	1525.32	37.3
130004	Aug-10	24-Aug-10	AM3	Cloudy	Normal Operation	757.0	757.0	26.0	28.0	40.0	40.0	2.7048	2.8333	0.1285	1.0614	1.0568	1.0591	8377.39	8401.39	1440.00	1525.10	84.3
130012	Aug-10	30-Aug-10	AM3	Fine	Normal Operation	753.0	751.0	29.0	30.0	40.0	40.0	2.7545	2.9158	0.1613	1.0510	1.0470	1.0490	8401.39	8425.39	1440.00	1510.56	106.8

Average (ug/m^3)	63.6
Max (ug/m^3)	106.8
Min (ug/m^3)	21.7

Action Level (ug/m^3)	150
Limit Level (ug/m^3)	260

Agreement No. HMW 5/2009 (EP) Traffic Improvement to Tuen Mun Road Town Centre Section

Impact Air Quality Monitoring Result at Choi Cheung Kok Secondary School (AM4) - 24 hour TSP

Filter No.	Month	Date	Receptor No.	Weather condition	Site condition	Pressure (mmHg)		Temperature (oC)		Flow Recorder Reading (CFM)		Filter Weight (g)		TSP weight (g)	Flow Rate (m^3/min)		Average Flow Rate (m^3/min)	Elapse Time		Sampling Time	Total vol. (m^3)	AM4
						Initial	Final	Initial	Final	Initial	Final	Initial	Final		Initial	Final		Start	Finish			
101242	Aug-10	6-Aug-10	AM4	Fine	Normal Operation	754.0	753.0	28.0	28.0	40.0	40.0	2.8571	2.9045	0.0474	1.0941	1.0933	1.0937	9187.12	9211.12	1440.00	1574.93	30.1
101397	Aug-10	12-Aug-10	AM4	Fine	Normal Operation	756.0	756.0	29.0	29.0	40.0	40.0	2.7667	2.7909	0.0242	1.0963	1.0963	1.0963	9211.12	9235.12	1440.00	1578.67	15.3
101400	Aug-10	18-Aug-10	AM4	Fine	Normal Operation	758.0	759.0	28.0	27.0	40.0	40.0	2.7741	2.8335	0.0594	1.0999	1.1028	1.1014	9235.12	9259.12	1440.00	1585.94	37.5
130005	Aug-10	24-Aug-10	AM4	Cloudy	Normal Operation	757.0	757.0	26.0	28.0	40.0	40.0	2.7407	2.8109	0.0702	1.1033	1.0991	1.1012	9259.12	9283.12	1440.00	1585.73	44.3
130013	Aug-10	30-Aug-10	AM4	Fine	Normal Operation	753.0	751.0	29.0	30.0	40.0	40.0	2.7377	2.8484	0.1107	1.0939	1.0902	1.0921	9283.12	9307.12	1440.00	1572.55	70.4

Average (ug/m^3)	39.5
Max (ug/m^3)	70.4
Min (ug/m^3)	15.3

Action Level (ug/m^3)	150
Limit Level (ug/m^3)	260

Agreement No. HMW 5/2009 (EP) Traffic Improvement to Tuen Mun Road Town Centre Section
Impact Air Quality Monitoring Result at Tuen Mun Town Hall (AM5) - 24 hour TSP

Filter No.	Month	Date	Receptor No.	Weather condition	Site condition	Pressure (mmHg)		Temperature (oC)		Flow Recorder Reading (CFM)		Filter Weight (g)		TSP weight (g)	Flow Rate (m^3/min)		Average Flow Rate (m^3/min)	Elapse Time		Sampling Time	Total vol. (m^3)	AM5
						Initial	Final	Initial	Final	Initial	Final	Initial	Final		Initial	Final		Start	Finish			
101243	Aug-10	6-Aug-10	AM5	Fine	Normal Operation	754.0	753.0	28.0	28.0	40.0	40.0	2.8447	2.9134	0.0687	1.2549	1.2541	1.2545	8973.27	8997.27	1440.00	1806.48	38.0
101401	Aug-10	12-Aug-10	AM5	Fine	Normal Operation	756.0	756.0	29.0	29.0	40.0	40.0	2.7261	2.7686	0.0425	1.2458	1.2458	1.2458	8997.27	9021.27	1440.00	1793.95	23.7
101399	Aug-10	18-Aug-10	AM5	Fine	Normal Operation	758.0	759.0	28.0	27.0	40.0	40.0	2.7675	2.8455	0.0780	1.2492	1.2518	1.2505	9021.27	9045.27	1440.00	1800.72	43.3
130007	Aug-10	24-Aug-10	AM5	Cloudy	Normal Operation	757.0	757.0	26.0	28.0	40.0	40.0	2.7505	2.8000	0.0495	1.2523	1.2484	1.2504	9045.27	9069.27	1440.00	1800.50	27.5
130014	Aug-10	30-Aug-10	AM5	Fine	Normal Operation	753.0	751.0	29.0	30.0	40.0	40.0	2.7539	2.8509	0.0970	1.2435	1.2401	1.2418	9069.27	9093.27	1440.00	1788.19	54.2

Average (ug/m^3)	37.3
Max (ug/m^3)	54.2
Min (ug/m^3)	23.7

Action Level (ug/m^3)	146
Limit Level (ug/m^3)	260

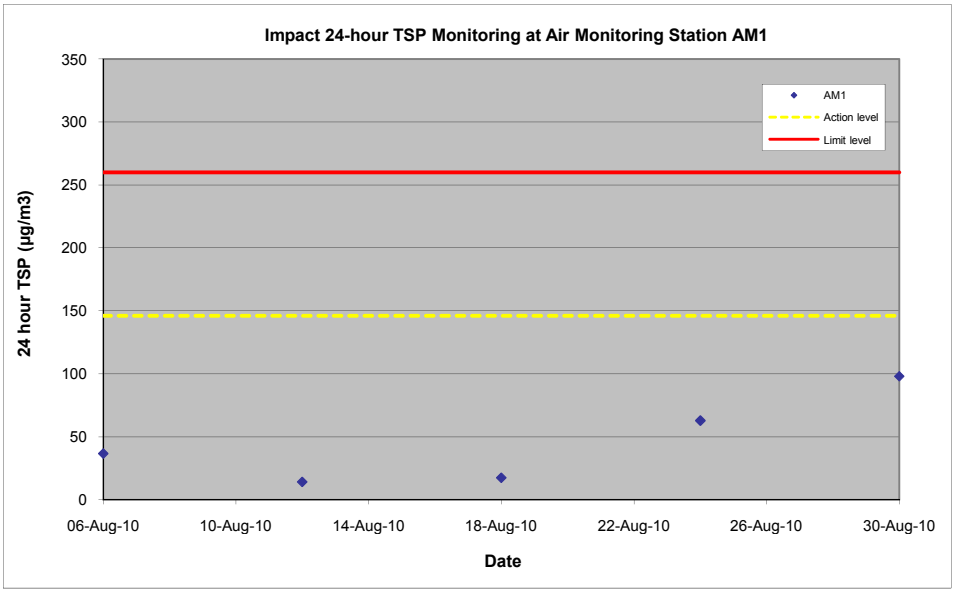
Agreement No. HMW 5/2009 (EP) Traffic Improvement to Tuen Mun Road Town Centre Section

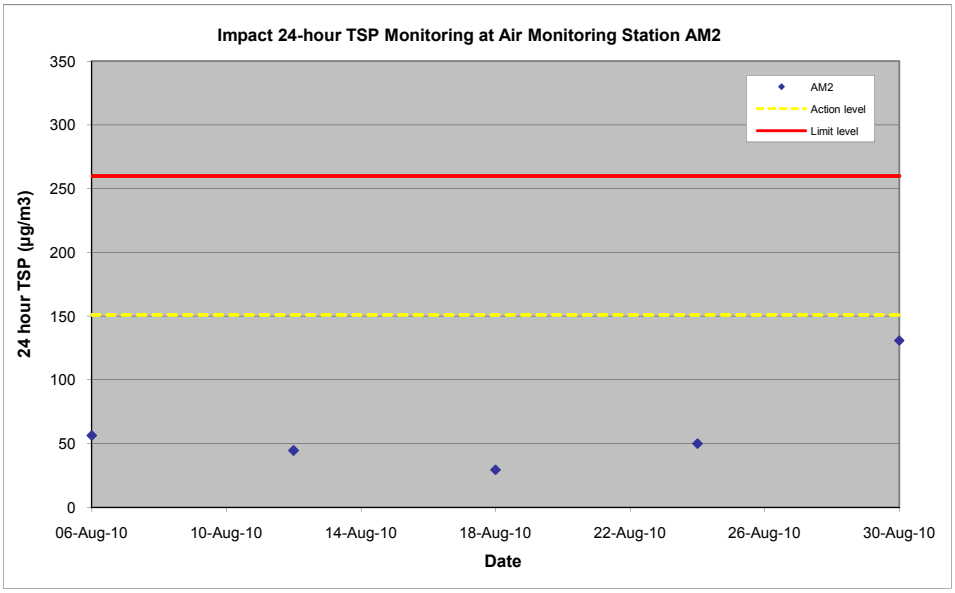
Impact Air Quality Monitoring Result at Yan Oi Tong Community and Sports Centre (AM6) - 24 hour TSP

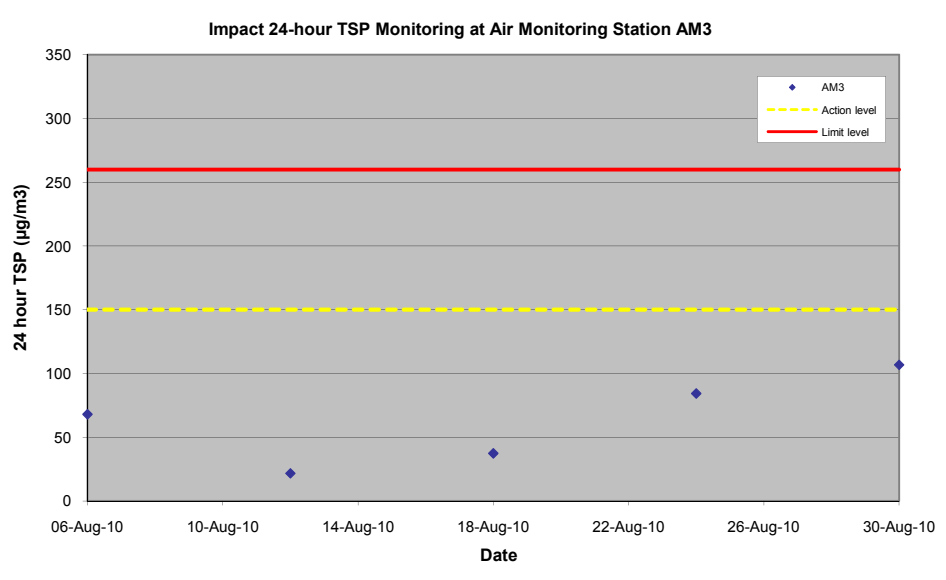
Filter No.	Month	Date	Receptor No.	Weather condition	Site condition	Pressure (mmHg)		Temperature (oC)		Flow Recorder Reading (CFM)		Filter Weight (g)		TSP weight (g)	Flow Rate (m^3/min)		Average Flow Rate (m^3/min)	Elapse Time		Sampling Time	Total vol. (m^3)	AM6
						Initial	Final	Initial	Final	Initial	Final	Initial	Final		Initial	Final		Start	Finish			
101244	Aug-10	6-Aug-10	AM6	Fine	Normal Operation	754.0	753.0	28.0	28.0	40.0	40.0	2.8368	2.8800	0.0432	1.1280	1.1271	1.1276	5306.80	5330.80	1440.00	1623.67	26.6
101402	Aug-10	12-Aug-10	AM6	Fine	Normal Operation	756.0	756.0	29.0	29.0	40.0	40.0	2.7428	2.7765	0.0337	1.1334	1.1334	1.1334	5330.80	5354.80	1440.00	1632.10	20.6
101398	Aug-10	18-Aug-10	AM6	Fine	Normal Operation	758.0	759.0	28.0	27.0	40.0	40.0	2.7516	2.8002	0.0486	1.1374	1.1405	1.1390	5354.80	5378.80	1440.00	1640.09	29.6
130008	Aug-10	24-Aug-10	AM6	Cloudy	Normal Operation	757.0	757.0	26.0	28.0	40.0	40.0	2.7470	2.7841	0.0371	1.1410	1.1365	1.1388	5378.80	5402.80	1440.00	1639.80	22.6
130016	Aug-10	30-Aug-10	AM6	Fine	Normal Operation	753.0	751.0	29.0	30.0	40.0	40.0	2.7567	2.9327	0.1760	1.1308	1.1269	1.1289	5402.80	5426.80	1440.00	1625.54	108.3

Average (ug/m^3)	41.5
Max (ug/m^3)	108.3
Min (ug/m^3)	20.6

Action Level (ug/m^3)	147
Limit Level (ug/m^3)	260


Impact 24-hour TSP Monitoring at Air Monitoring Station AM1
24 hour TSP (µg/m3)
350
300
250
200
150
100
50
0
AM1
Action level
Limit level
06-Aug-10
10-Aug-10
14-Aug-10
18-Aug-10
22-Aug-10
26-Aug-10
30-Aug-10
Date


Impact 24-hour TSP Monitoring at Air Monitoring Station AM2
24 hour TSP (µg/m3)
350
300
250
200
150
100
50
0
AM2
Action level
Limit level
06-Aug-10
10-Aug-10
14-Aug-10
18-Aug-10
22-Aug-10
26-Aug-10
30-Aug-10
Date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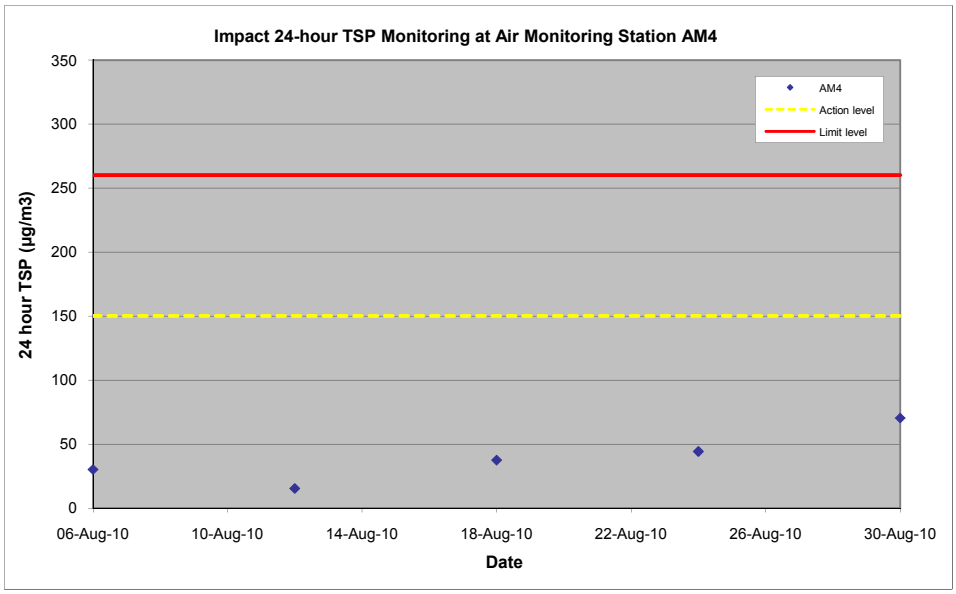
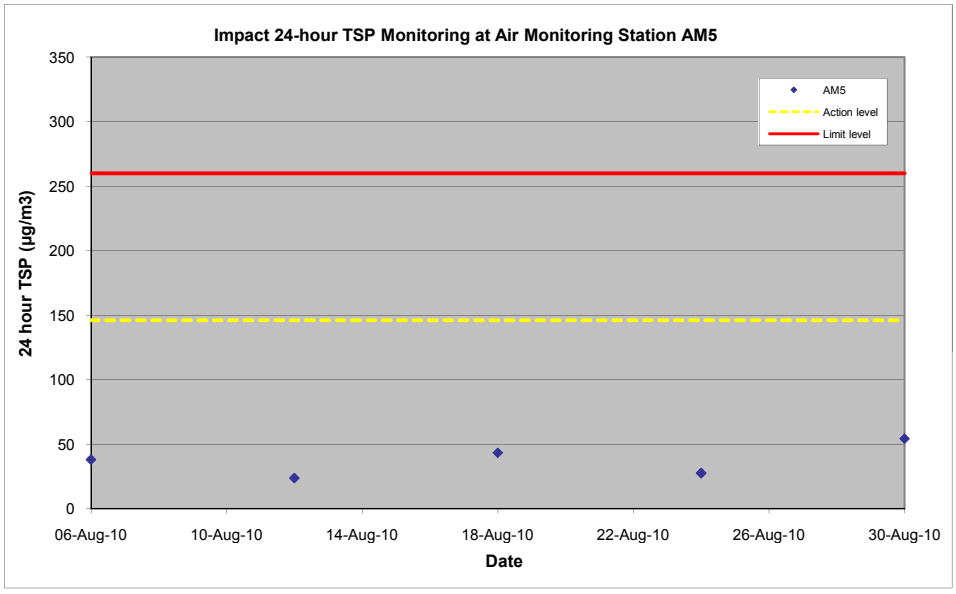
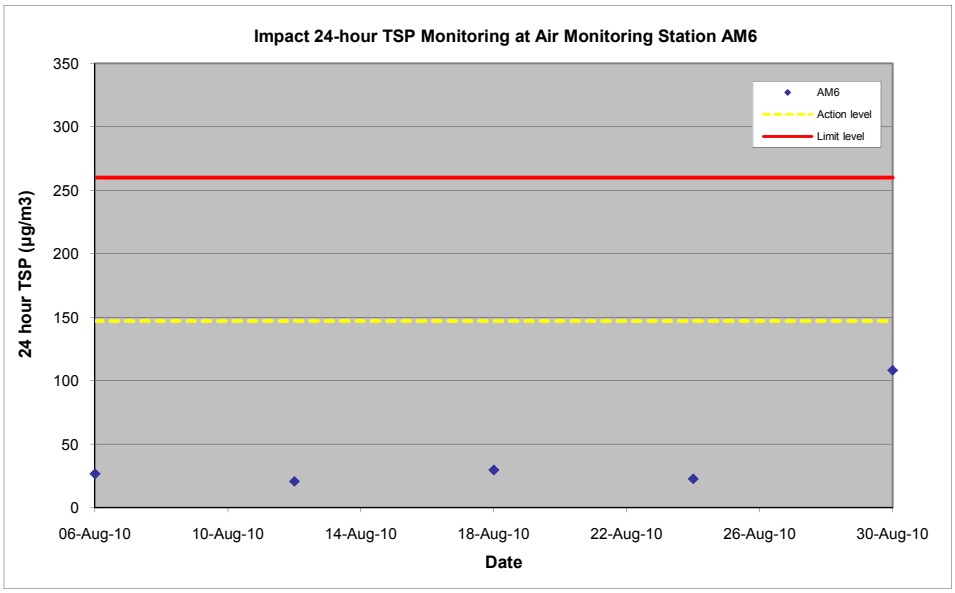
24 hour TSP (µg/m3)
350
300
250
200
150
100
50
0
AM3
Action level
Limit level
06-Aug-10
10-Aug-10
14-Aug-10
18-Aug-10
22-Aug-10
26-Aug-10
30-Aug-10
Date


Impact 24-hour TSP Monitoring at Air Monitoring Station AM4
24 hour TSP (µg/m3)
350
300
250
200
150
100
50
0
06-Aug-10
10-Aug-10
14-Aug-10
18-Aug-10
22-Aug-10
26-Aug-10
30-Aug-10
Date
AM4
Action level
Limit level

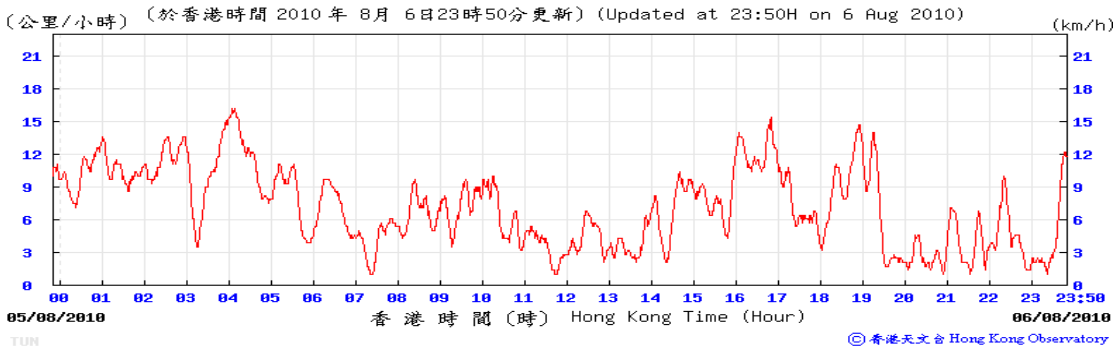

Impact 24-hour TSP Monitoring at Air Monitoring Station AM5
24 hour TSP (µg/m3)
350
300
250
200
150
100
50
0
06-Aug-10
10-Aug-10
14-Aug-10
18-Aug-10
22-Aug-10
26-Aug-10
30-Aug-10
Date
AM5
Action level
Limit level

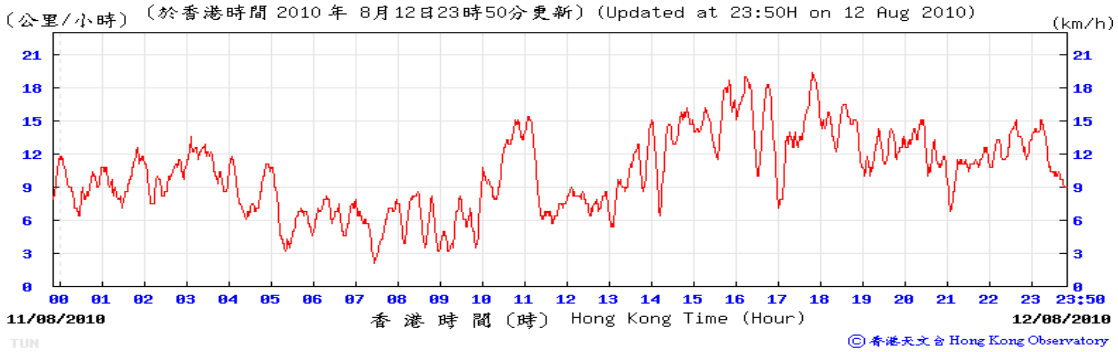

Impact 24-hour TSP Monitoring at Air Monitoring Station AM6
24 hour TSP (µg/m3)
350
300
250
200
150
100
50
0
06-Aug-10
10-Aug-10
14-Aug-10
18-Aug-10
22-Aug-10
26-Aug-10
30-Aug-10
Date
AM6
Action level
Limit level

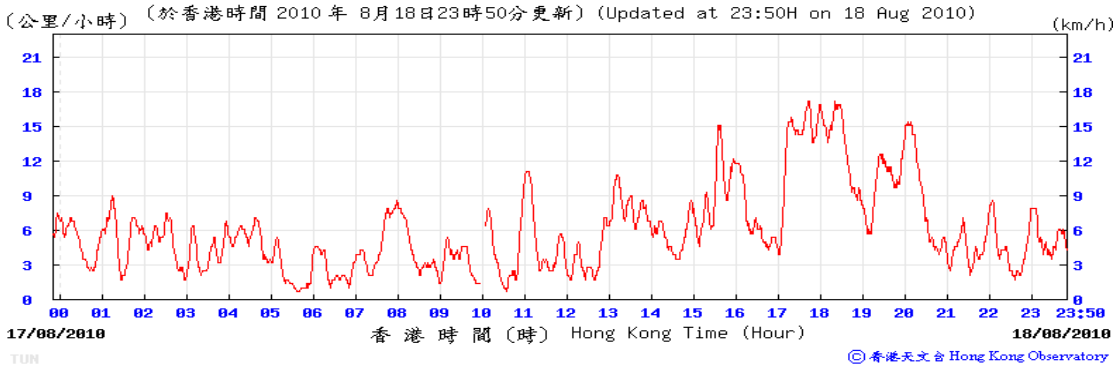
Appendix G

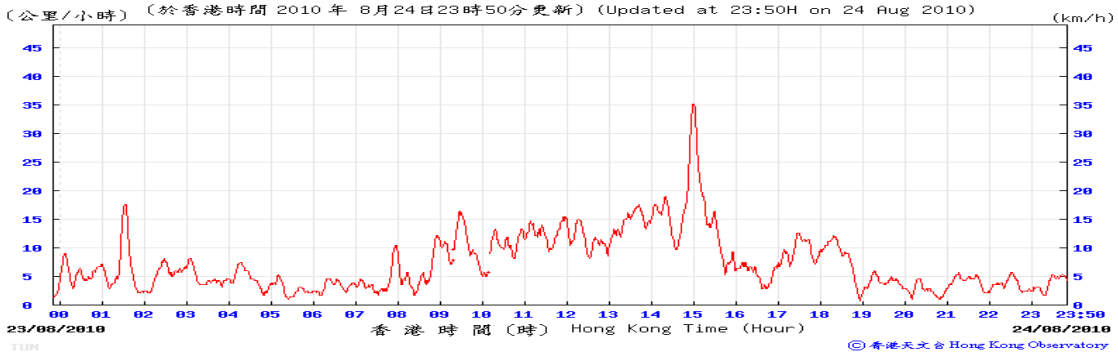
Wind Data

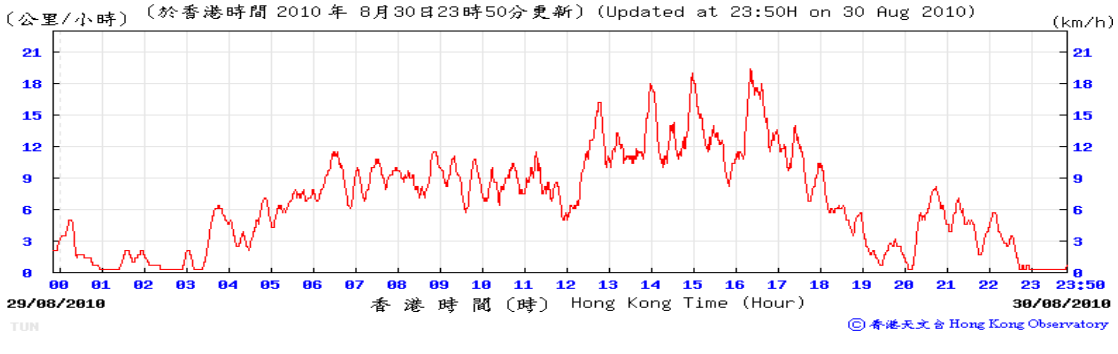
Wind Monitoring Data – Wind Speed during Air Quality Monitoring in August 2010



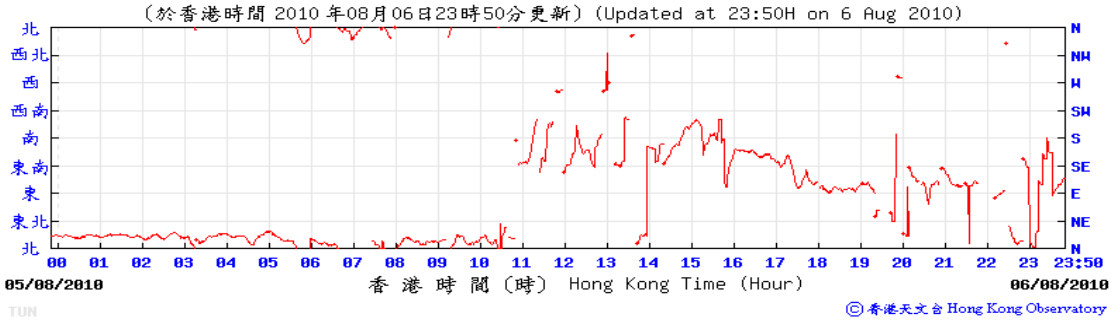


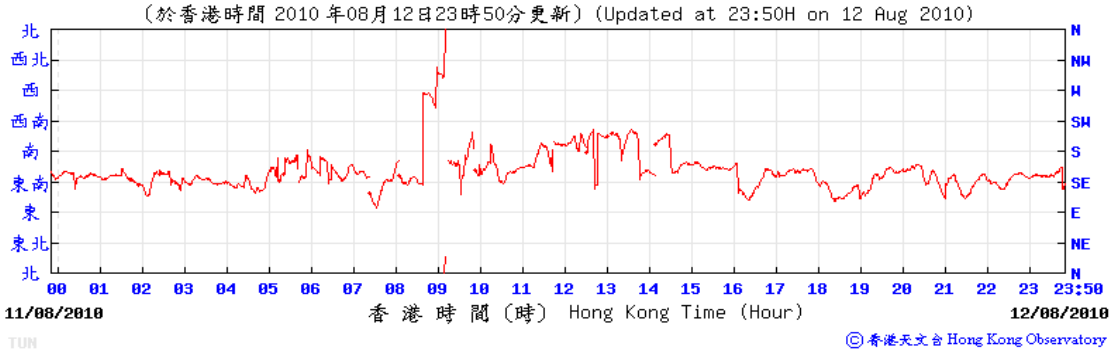


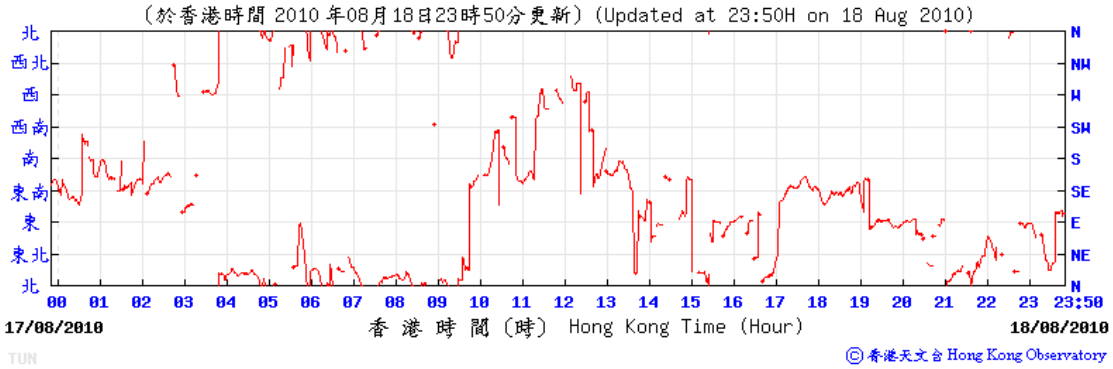


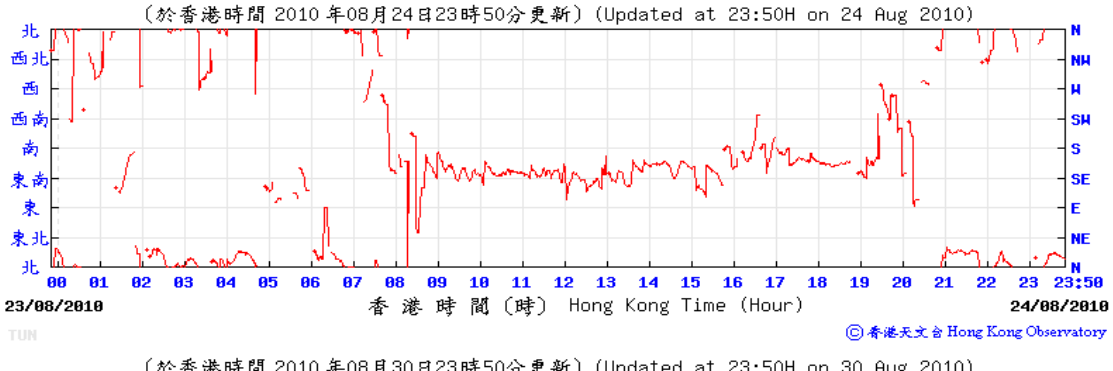


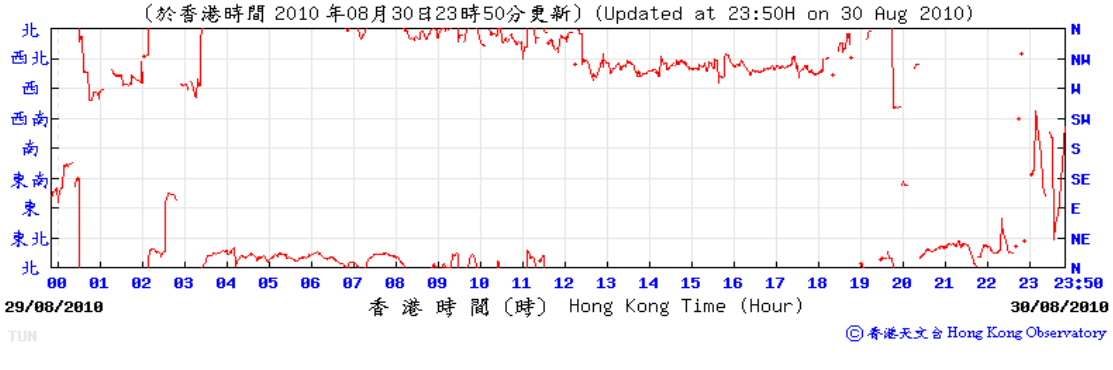
Wind Monitoring Data – Wind Direction during Air Quality Monitoring in August 2010











Appendix H

Calibration Certificates of Noise Monitoring Equipments

CERTIFICATE OF CALIBRATION

Issued by: **Brüel & Kjær UK Ltd.**

Date of Issue: 10 NOV 2009 Certificate Number: 17957

UKAS CALIBRATION

0174

Brüel & Kjær

Bedford House, Rutherford Close, Stevenage.
Hertfordshire. SG1 2ND
Telephone: 01438 739100 Fax.: 01438 739199
E-Mail : ukservice@bksv.com

Approved signatory

Name: S. TILAHUN

Signature:

CALIBRATION OF MULTI FREQUENCY CALIBRATOR TYPE 4226

("Free Field and Random" version)

Client: ARUP ACOUSTICS
PARKIN HOUSE
8 ST THOMAS STREET, WINCHESTER
HANTS SO23 9HE

Calibrator Type 4226, S/No: 1531372

With Coupler UA0915, S/No: 1531372

Client Inventory Number: —

Manufacturer: Brüel & Kjær

Equipment Received on: 13 OCT 2009

Calibration Date: 10 NOV 2009

Brüel & Kjær Reference No: 1-1929047 17

Measurement Method

The Calibration was performed to Laboratory Procedure TWI-103.

Sound pressure level in the 1/2 inch coupler of the calibrator was measured with a laboratory grade condenser microphone Type 4180, used as a working standard, calibrated by the National Physical Laboratory.

CERTIFICATE OF CALIBRATION

UKAS Accredited Calibration Laboratory No. 0174

Certificate Number

17957

The measured sound pressure was compared with that generated in the coupler of a working standard pistonphone calibrated by the National Physical Laboratory whose output was cross checked against a reference standard pistonphone, also calibrated by the National Physical Laboratory, using the same microphone and at the same ambient conditions. Appropriate corrections for atmospheric pressure conditions during calibration and for the measurement frequency and level response were taken into account.

Sound pressure level results are the mean of 5 measurements.

Results apply directly to the following settings on the calibrator, pressure, linear, calibration, 94dB, microphone group a, b, c.

Results for frequency and distortion are the result of a single measurement.

Results for 104 and 114dB are only at 125Hz, 1kHz and 8kHz, compared with the output at 94dB.

Calibration results apply at ambient conditions during the process of calibration.

Calibrations marked (Not UKAS Accredited) in this certificate have been included for completeness.

CALIBRATION RESULTS

4226 Settings: Linear, Pressure, 94dB, Microphone Group c.

Frequency Setting Hz	Sound Pressure Level in dB re 20μPa	Frequency Hz (Not UKAS Accredited)	Distortion % (Not UKAS Accredited)
31.5	94.15	31.63	0.5
63	94.13	63.13	0.2
125	94.09	125.9	0.1
250	94.06	251.3	0.1
500	94.04	502.5	0.1
1k	94.08	1.005k	0.1
2k	94.04	1.979k	0.3
4k	94.04	3.957k	0.7
8k	94.21	7.915k	0.2
12.5k	94.12	12.66k	0.2

CERTIFICATE OF CALIBRATION

UKAS Accredited Calibration Laboratory No. 0174

Certificate Number

17957

Expanded uncertainty of calibration:

Sound Pressure Level:	±0.15dB from 31.5Hz to 2kHz, ±0.20dB at 4kHz and 8kHz, ±0.25dB at 12.5kHz
Frequency:	±1 last significant digit reported.
Distortion:	±0.3% distortion.

The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor *k*=2, providing a level of confidence of approximately 95%. The uncertainty evaluation has been carried out in accordance with UKAS requirements.

ADDITIONAL TESTS

Sound Pressure Levels at Settings of 94, 104 and 114 dB

Frequency	Difference 104-94dB	Difference 114-94dB
125 Hz	9.99	19.97
1kHz	10.00	19.98
8kHz	9.96	19.94

Result of a single measurement, expanded uncertainty ±0.15dB

Inverted "A" Weighting, Readings Relative to 1kHz in dB

Frequency Hz	31.5	63	125	250	500	1 k	2 k	4 k	8 k	12.5 k
Target Value	+ 39.4	+ 26.2	+ 16.1	+ 8.6	+ 3.2	0	- 1.2	- 1.0	+ 1.1	+ 4.3
Reading	39.6	26.2	16.1	8.6	3.2	0.0	-1.2	-0.9	1.3	4.4

Target values according to BS EN 60651 - 1994 - results of a single measurement, values rounded to 0.1 dB, expanded uncertainty ±0.3dB.

CERTIFICATE OF CALIBRATION

UKAS Accredited Calibration Laboratory No. 0174

Certificate Number

17957

Free Field and Random settings

	Free Field Setting						Random	
	Microphone Group a		Microphone Group b		Microphone Group c		Microphone Group b	
Freq. Hz	Target Value dB	Reading dB	Target Value dB	Reading dB	Target Value dB	Reading dB	Target Value dB	Reading dB
250	0	0.00	0	0.00	0	0.00	0	0.00
500	0	0.00	0	0.00	0	0.00	0	0.00
1k	+0.15	0.14	+0.20	0.19	+0.10	0.08	+0.05	0.03
2k	+0.50	0.48	+0.45	0.43	+0.35	0.34	+0.10	0.08
4k	+1.35	1.33	+1.05	1.03	+0.95	0.93	+0.15	0.13
8k	+4.50	4.46	+2.80	2.77	+2.60	2.58	+0.40	0.38
12.5k	+7.35	7.28	+5.60	5.54	+5.05	5.00	+1.50	1.48

Target values as specified in the manufacturer's manual, result of a single measurement, expanded uncertainty ±0.2dB.

Ambient conditions during calibration were:

Atmospheric Pressure ..... 100.7 .....kPa

Temperature ..... 24 .....° C

Relative Humidity ..... 47 .....%

Checked by:

ArupAcoustics

ARUP

Level 5 Festival Walk
80 Tat Chee Avenue
Kowloon Tong, Kowloon
HONG KONG

Tel: +852 2268 3216 Fax: +852 2268 3950

AAc Certificate No. 2010001

CERTIFICATE OF CONFORMITY

Description of Test Instrument	Type No	Serial No
Brüel & Kjær Sound Level Meter Kit	2238	2320707
Brüel & Kjær ½ " Microphone Kit	4188	2630746

Date of Test: 20 July 2010

Carried out by: Jacky Chan

Signature:

Approved by: William Ng

Signature:

Ambient Conditions During Test	
Atmospheric Pressure:	1KPa
Air Temperature:	21°C
Relative Humidity:	60%

This document is to certify that the above Test Instrumentation did conform to the manufacturer's original specification on the date of the test. Any adjustments that were required to bring the instrumentation back into specification are duly noted in this document. The tests were carried out using the reference calibrator described below.

Description of Reference Calibrator	Type No	Serial No
Brüel & Kjær Multi Frequency Calibrator	4226	1531372
Brüel & Kjær Coupler	UA0915	1531372

Certificate of Calibration Serial No.	17957
By Brüel & Kjær (UK) Ltd Calibration Date:	10 November 2009
UKAS Accredited Calibration Laboratory No.	07174

The reference calibrator, Type 4226, has traceable calibration back to National Measurement Standards. As such it is used as Arup Acoustics own 'Primary Standard' and is used only for controlled laboratory calibration tests on all sound measuring equipment owned by Arup Acoustics.

ArupAcoustics

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HONG KONG

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AAc Certificate No. 2010002

CERTIFICATE OF CONFORMITY

Description of Test Instrument	Type No	Serial No
Brüel & Kjær Sound Level Meter Kit	2238	2654435
Brüel & Kjær ½ " Microphone Kit	4188	2658546

Date of Test: 20 July 2010

Carried out by: Jacky Chan

Signature:

Approved by: William Ng

Signature:

Ambient Conditions During Test	
Atmospheric Pressure:	1KPa
Air Temperature:	21°C
Relative Humidity:	60%

This document is to certify that the above Test Instrumentation did conform to the manufacturer's original specification on the date of the test. Any adjustments that were required to bring the instrumentation back into specification are duly noted in this document. The tests were carried out using the reference calibrator described below.

Description of Reference Calibrator	Type No	Serial No
Brüel & Kjær Multi Frequency Calibrator	4226	1531372
Brüel & Kjær Coupler	UA0915	1531372

Certificate of Calibration Serial No.	17957
By Brüel & Kjær (UK) Ltd Calibration Date:	10 November 2009
UKAS Accredited Calibration Laboratory No.	07174

The reference calibrator, Type 4226, has traceable calibration back to National Measurement Standards. As such it is used as Arup Acoustics own 'Primary Standard' and is used only for controlled laboratory calibration tests on all sound measuring equipment owned by Arup Acoustics.

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HONG KONG

Tel: +852 2268 3216 Fax: +852 2268 3950

AAc Certificate No. 2010003

CERTIFICATE OF CONFORMITY

Description of Test Instrument	Type No	Serial No
Brüel & Kjær Sound Level Meter Kit	2238	2320694
Brüel & Kjær ½ " Microphone Kit	4188	2641132

Date of Test: 20 July 2010

Carried out by: Jacky Chan

Signature:

Approved by: William Ng

Signature:

Ambient Conditions During Test	
Atmospheric Pressure:	1KPa
Air Temperature:	21°C
Relative Humidity:	60%

This document is to certify that the above Test Instrumentation did conform to the manufacturer's original specification on the date of the test. Any adjustments that were required to bring the instrumentation back into specification are duly noted in this document. The tests were carried out using the reference calibrator described below.

Description of Reference Calibrator	Type No	Serial No
Brüel & Kjær Multi Frequency Calibrator	4226	1531372
Brüel & Kjær Coupler	UA0915	1531372

Certificate of Calibration Serial No.	17957
By Brüel & Kjær (UK) Ltd Calibration Date:	10 November 2009
UKAS Accredited Calibration Laboratory No.	07174

The reference calibrator, Type 4226, has traceable calibration back to National Measurement Standards. As such it is used as Arup Acoustics own 'Primary Standard' and is used only for controlled laboratory calibration tests on all sound measuring equipment owned by Arup Acoustics.

ArupAcoustics

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HONG KONG

Tel: +852 2268 3216 Fax: +852 2268 3950

AAc Certificate No. 2010004

CERTIFICATE OF CONFORMITY

Description of Test Instrument	Type No	Serial No
Brüel & Kjær Sound Level Meter Kit	2238	2654436
Brüel & Kjær ½ " Microphone Kit	4188	2658547

Date of Test: 20 July 2010

Carried out by: Jacky Chan

Signature:

Approved by: William Ng

Signature:

Ambient Conditions During Test	
Atmospheric Pressure:	1KPa
Air Temperature:	21°C
Relative Humidity:	60%

This document is to certify that the above Test Instrumentation did conform to the manufacturer's original specification on the date of the test. Any adjustments that were required to bring the instrumentation back into specification are duly noted in this document. The tests were carried out using the reference calibrator described below.

Description of Reference Calibrator	Type No	Serial No
Brüel & Kjær Multi Frequency Calibrator	4226	1531372
Brüel & Kjær Coupler	UA0915	1531372

Certificate of Calibration Serial No.	17957
By Brüel & Kjær (UK) Ltd Calibration Date:	10 November 2009
UKAS Accredited Calibration Laboratory No.	07174

The reference calibrator, Type 4226, has traceable calibration back to National Measurement Standards. As such it is used as Arup Acoustics own 'Primary Standard' and is used only for controlled laboratory calibration tests on all sound measuring equipment owned by Arup Acoustics.

ArupAcoustics

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AAc Certificate No. 2010005

CERTIFICATE OF CONFORMITY

Description of Test Instrument	Type No	Serial No
Brüel & Kjær Sound Level Meter Kit	2238	2562763
Brüel & Kjær ½ " Microphone Kit	4188	2658559

Date of Test: 20 July 2010

Carried out by: Jacky Chan

Signature:

Approved by: William Ng

Signature:

Ambient Conditions During Test	
Atmospheric Pressure:	1KPa
Air Temperature:	21°C
Relative Humidity:	60%

This document is to certify that the above Test Instrumentation did conform to the manufacturer's original specification on the date of the test. Any adjustments that were required to bring the instrumentation back into specification are duly noted in this document. The tests were carried out using the reference calibrator described below.

Description of Reference Calibrator	Type No	Serial No
Brüel & Kjær Multi Frequency Calibrator	4226	1531372
Brüel & Kjær Coupler	UA0915	1531372

Certificate of Calibration Serial No.	17957
By Brüel & Kjær (UK) Ltd Calibration Date:	10 November 2009
UKAS Accredited Calibration Laboratory No.	07174

The reference calibrator, Type 4226, has traceable calibration back to National Measurement Standards. As such it is used as Arup Acoustics own 'Primary Standard' and is used only for controlled laboratory calibration tests on all sound measuring equipment owned by Arup Acoustics.

ArupAcoustics

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Level 5 Festival Walk
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Tel: +852 2268 3216 Fax: +852 2268 3950

AAc Certificate No. 2010006

CERTIFICATE OF CONFORMITY

Description of Test Instrument	Type No	Serial No
Brüel & Kjær Sound Level Meter Kit	2238	2320696
Brüel & Kjær ½ " Microphone Kit	4188	2630747

Date of Test: 20 July 2010

Carried out by: Jacky Chan

Signature:

Approved by: William Ng

Signature:

Ambient Conditions During Test	
Atmospheric Pressure:	1KPa
Air Temperature:	21°C
Relative Humidity:	60%

This document is to certify that the above Test Instrumentation did conform to the manufacturer's original specification on the date of the test. Any adjustments that were required to bring the instrumentation back into specification are duly noted in this document. The tests were carried out using the reference calibrator described below.

Description of Reference Calibrator	Type No	Serial No
Brüel & Kjær Multi Frequency Calibrator	4226	1531372
Brüel & Kjær Coupler	UA0915	1531372

Certificate of Calibration Serial No.	17957
By Brüel & Kjær (UK) Ltd Calibration Date:	10 November 2009
UKAS Accredited Calibration Laboratory No.	07174

The reference calibrator, Type 4226, has traceable calibration back to National Measurement Standards. As such it is used as Arup Acoustics own 'Primary Standard' and is used only for controlled laboratory calibration tests on all sound measuring equipment owned by Arup Acoustics.

ArupAcoustics

ARUP

Level 5 Festival Walk
80 Tat Chee Avenue
Kowloon Tong, Kowloon
HONG KONG

Tel: +852 2268 3216 Fax: +852 2268 3950

AAc Certificate No. 2010021

CERTIFICATE OF CONFORMITY

Description of Test Instrument	Type No	Serial No
RION NC-74 Acoustic Calibrator	NC-74	34304660

Date of Test: 20 July 2010

Carried out by: Jacky Chan

Signature:

Approved by: William Ng

Signature:

Ambient Conditions During Test	
Atmospheric Pressure:	1KPa
Air Temperature:	22°C
Relative Humidity:	60%

This document is to certify that the above Test Instrumentation did conform to the manufacturer's original specification on the date of the test. Any adjustments that were required to bring the instrumentation back into specification are duly noted in this document. The tests were carried out using the reference calibrator described below.

Description of Reference Calibrator	Type No	Serial No
Brüel & Kjær Multi Frequency Calibrator	4226	1531372
Brüel & Kjær Coupler	UA0915	1531372

Certificate of Calibration Serial No.	17957
By Brüel & Kjær (UK) Ltd Calibration Date:	10 November 2009
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The reference calibrator, Type 4226, has traceable calibration back to National Measurement Standards. As such it is used as Arup Acoustics own 'Primary Standard' and is used only for controlled laboratory calibration tests on all sound measuring equipment owned by Arup Acoustics.

Appendix I

Impact Noise Monitoring Results

Agreement No. 5/2009 (EP) Traffic Improvement to Tuen Mun Road - Town Centre Section
Day-time Noise Monitoring Results - 5 August 2010

			Measured Noise Level, dB(A)				Baseline Noise Level, dB(A)	Construction Noise Level, dB(A)
ID	Premise	Time	L_{Aeq},30min	Limit	L_{10},5min	L_{90},5min	L_{Aeq},30min	L_{Aeq},30min
N1	Kam Fai Garden	09:50 - 10:20	73	75	75	70	76	Measured ≦ Basleine
N2	Tai Tung Pui Social Service Building	09:00 - 09:30	77	75	79	74	78	Measured ≦ Basleine
N3	Yuen Yuen Primary School	16:00 - 16:30	66	70	68	64	69	Measured ≦ Basleine
N4	Wu Siu Kui Primary School	10:50 - 11:20	67	70	68	65	67	Measured ≦ Basleine
N5	Tuen King Building	13:00 - 13:30	69	75	71	68	70	Measured ≦ Basleine
N6	Choi Cheung kok Secondary School	13:50 - 14:20	69	70	70	67	69	Measured ≦ Basleine

Note: (#): Construction Noise Level = Measured Noise Level - Baseline Noise Level

Agreement No. 5/2009 (EP) Traffic Improvement to Tuen Mun Road - Town Centre Section
Day-time Noise Monitoring Results - 11 August 2010

			Measured Noise Level, dB(A)				Baseline Noise Level, dB(A)	Construction Noise Level, dB(A)
ID	Premise	Time	L_{Aeq},30min	Limit	L_{10},5min	L_{90},5min	L_{Aeq},30min	L_{Aeq},30min
N1	Kam Fai Garden	11:15 - 11:45	73	75	75	70	76	Measured ≦ Basleine
N2	Tai Tung Pui Social Service Building	11:30 - 12:00	76	75	79	73	78	Measured ≦ Basleine
N3	Yuen Yuen Primary School	13:00 - 13:30	67	70	68	65	69	Measured ≦ Basleine
N4	Wu Siu Kui Primary School	10:30 - 11:00	68	70	69	65	67	60
N5	Tuen King Building	17:30 - 18:00	70	75	72	67	70	Measured ≦ Basleine
N6	Choi Cheung kok Secondary School	16:40 - 17:10	69	70	70	67	69	Measured ≦ Basleine

Note: (#): Construction Noise Level = Measured Noise Level - Baseline Noise Level

Agreement No. 5/2009 (EP) Traffic Improvement to Tuen Mun Road - Town Centre Section
Day-time Noise Monitoring Results - 17 August 2010

			Measured Noise Level, dB(A)				Baseline Noise Level, dB(A)	Construction Noise Level, dB(A)
ID	Premise	Time	L_{Aeq},30min	Limit	L_{10},5min	L_{90},5min	L_{Aeq},30min	L_{Aeq},30min
N1	Kam Fai Garden	10:05 - 10:35	74	75	77	71	76	Measured ≦ Basleine
N2	Tai Tung Pui Social Service Building	10:50 - 11:20	75	75	78	73	78	Measured ≦ Basleine
N3	Yuen Yuen Primary School	11:40 - 12:10	66	70	68	65	69	Measured ≦ Basleine
N4	Wu Siu Kui Primary School	08:45 - 09:15	67	70	68	65	67	Measured ≦ Basleine
N5	Tuen King Building	13:00 - 13:30	69	75	72	67	70	Measured ≦ Basleine
N6	Choi Cheung kok Secondary School	14:05 - 14:35	70	70	72	68	69	61

Note: (#): Construction Noise Level = Measured Noise Level - Baseline Noise Level

Agreement No. 5/2009 (EP) Traffic Improvement to Tuen Mun Road - Town Centre Section
Day-time Noise Monitoring Results - 23 August 2010

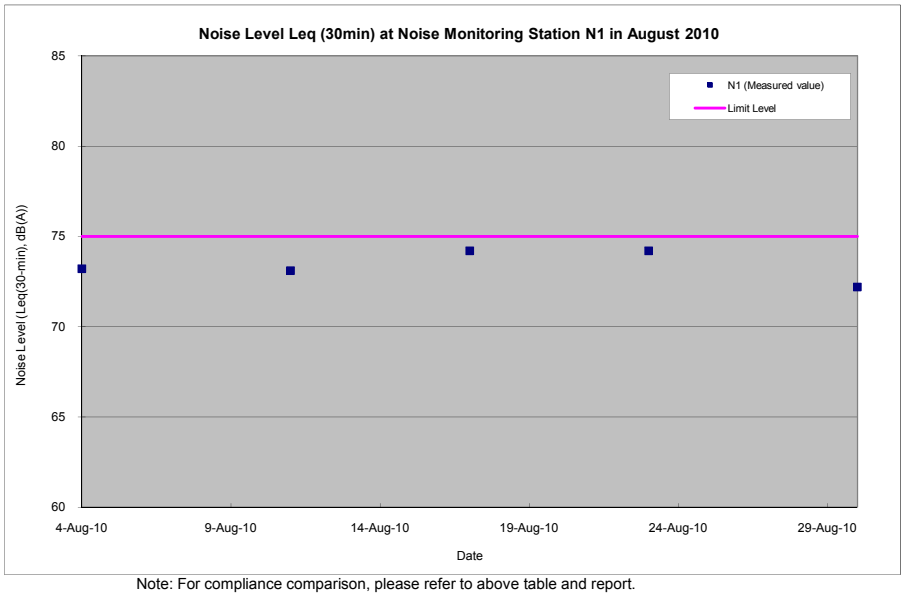
			Measured Noise Level, dB(A)				Baseline Noise Level, dB(A)	Construction Noise Level, dB(A)
ID	Premise	Time	L_{Aeq},30min	Limit	L_{10},5min	L_{90},5min	L_{Aeq},30min	L_{Aeq},30min
N1	Kam Fai Garden	09:55 - 10:25	74	75	76	72	76	Measured ≦ Basleine
N2	Tai Tung Pui Social Service Building	10:40 - 11:10	78	75	80	74	78	Measured ≦ Basleine
N3	Yuen Yuen Primary School	11:20 - 11:50	67	70	69	66	69	Measured ≦ Basleine
N4	Wu Siu Kui Primary School	08:40 - 09:10	67	70	69	65	67	Measured ≦ Basleine
N5	Tuen King Building	13:00 - 13:30	69	75	71	67	70	Measured ≦ Basleine
N6	Choi Cheung kok Secondary School	13:50 - 14:20	68	70	69	66	69	Measured ≦ Basleine

Note: (#): Construction Noise Level = Measured Noise Level - Baseline Noise Level

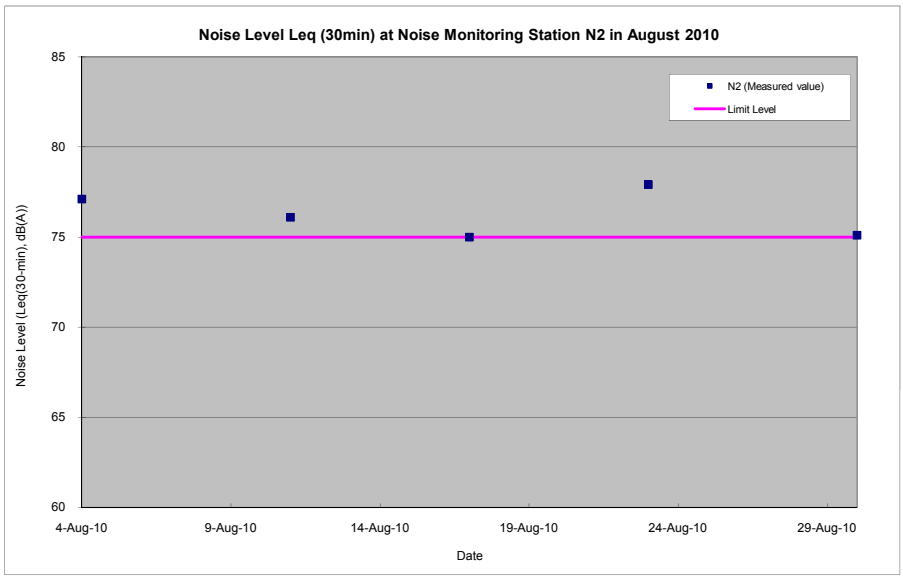
Agreement No. 5/2009 (EP) Traffic Improvement to Tuen Mun Road - Town Centre Section
Day-time Noise Monitoring Results - 30 August 2010

			Measured Noise Level, dB(A)				Baseline Noise Level, dB(A)	Construction Noise Level, dB(A)
ID	Premise	Time	L_{Aeq},30min	Limit	L_{10},5min	L_{90},5min	L_{Aeq},30min	L_{Aeq},30min
N1	Kam Fai Garden	10:00 - 10:30	72	75	74	69	76	Measured ≦ Basleine
N2	Tai Tung Pui Social Service Building	10:50 - 11:20	75	75	77	73	78	Measured ≦ Basleine
N3	Yuen Yuen Primary School	11:30 - 12:00	66	70	68	65	69	Measured ≦ Basleine
N4	Wu Siu Kui Primary School	08:50 - 09:20	66	70	68	65	67	Measured ≦ Basleine
N5	Tuen King Building	13:15 - 13:45	71	75	72	68	70	59
N6	Choi Cheung kok Secondary School	14:00 - 14:30	68	70	70	66	69	Measured ≦ Basleine

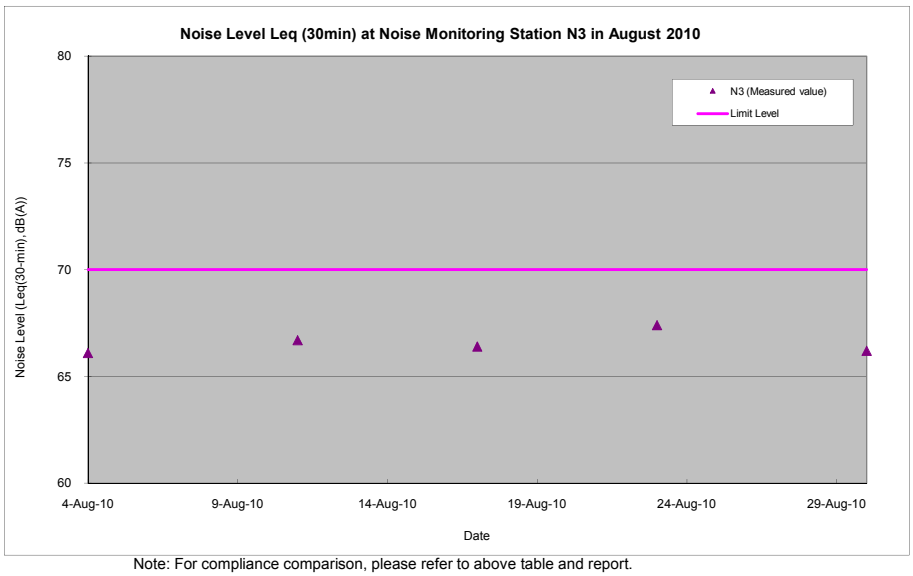
Note: (#): Construction Noise Level = Measured Noise Level - Baseline Noise Level



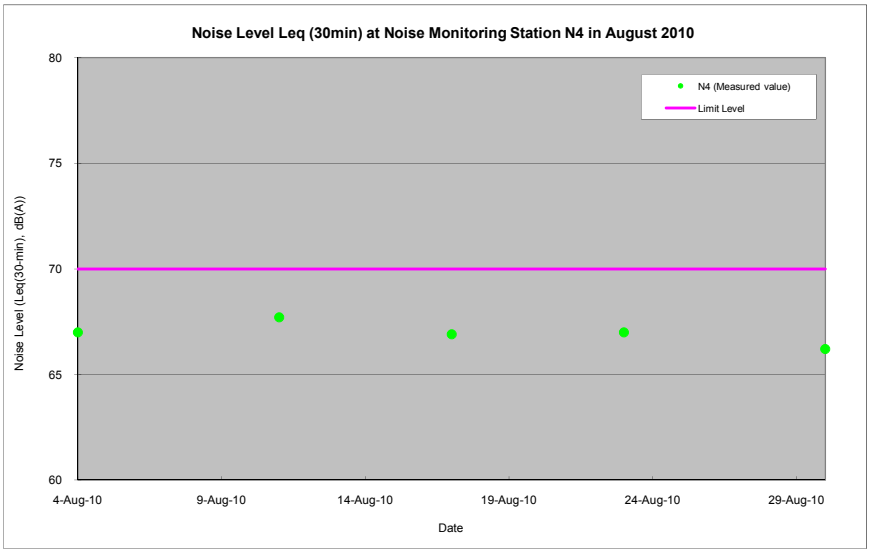
Note: For compliance comparison, please refer to above table and report.



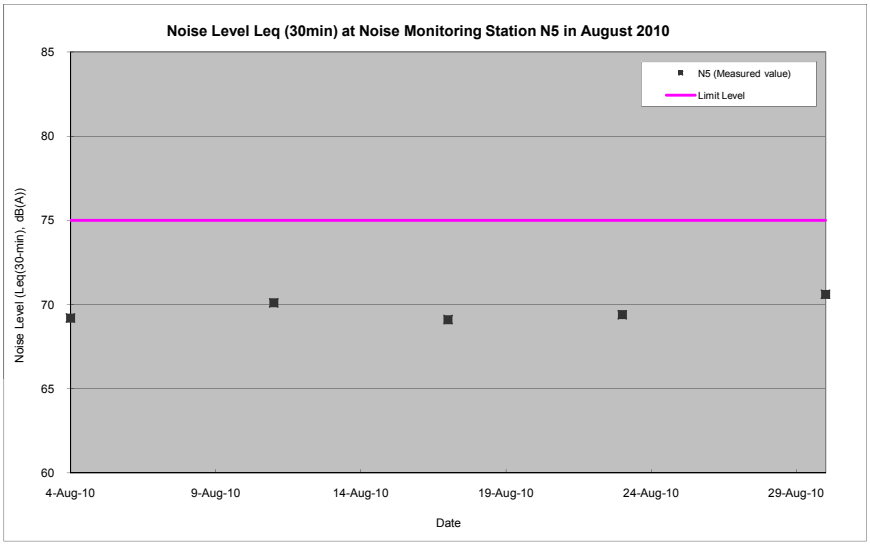
Note: For compliance comparison, please refer to above table and report.



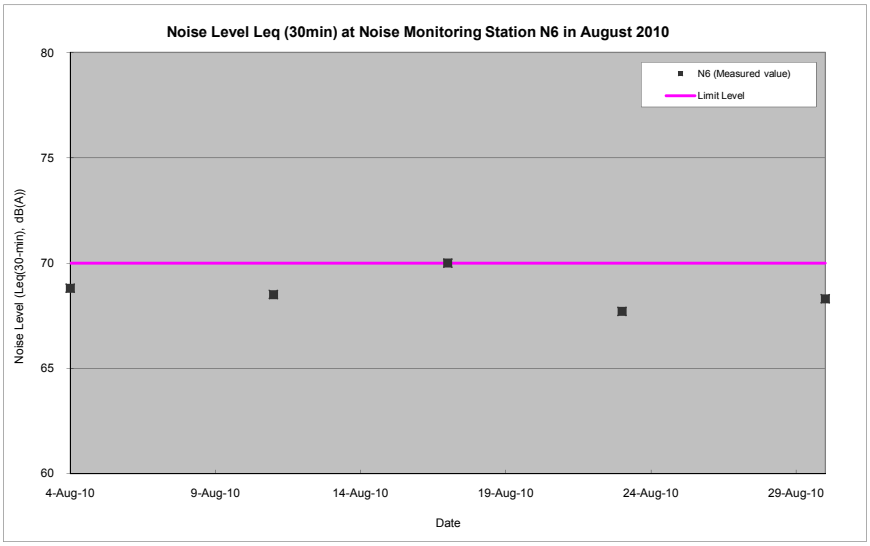
Note: For compliance comparison, please refer to above table and report.



Note: For compliance comparison, please refer to above table and report.



Note: For compliance comparison, please refer to above table and report.



Note: For compliance comparison, please refer to above table and report.

Appendix J

Landscape Summary Report

Contract No. HY/2009/03

Upto : 8/31/2010

Design and Build of Traffic Improvements To Tuen Mun Road Town Centre Section

Numbers of Tree
Retain
140
Transplant
346
Fell
488
Remove
19

	Felling Status	Crown Pruning	1st Root Pruning	2nd Root Pruning	3rd Root Pruning
Unnamed					
Dead Tree (Removed)	**9 (On Ting E.)**				
In Progress	**396**	**151**	**188**	**248**	**307**
Completed	**92**	**195**	**158**	**98**	**39**
Total	**488**	**346**	**346**	**346**	**346**
Completed (%)	**19%**	**56%**	**46%**	**28%**	**11%**

Item	Drawing No.	Tree No.	Cinese Name	Location	Recommendation in Contract Document	Recommendation	Felling Status	Crown Pruning	1st Root Pruning	2nd Root Pruning	3rd Root Pruning	Remarks
786	6106	TW0001	石栗	Tuen Mun Road near Kam Fai Garden	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
787	6106	TW0002	石栗	Tuen Mun Road near Kam Fai Garden	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
788	6106	TW0003	白千層	Tuen Mun Road near Kam Fai Garden	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
789	6106	TW0004	白千層	Tuen Mun Road near Kam Fai Garden	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
790	6106	TW0012	台灣相思	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	-	-	-	-	
791	6106	TW0013	檸檬桉	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	-	-	-	-	
792	6106	TW0014	大葉桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
793	6106	TW0015	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
794	6106	TW0016	檸檬桉	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	-	-	-	-	
795	6106	TW0021	白千層	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	-	-	-	-	
796	6106	TW0022	白千層	Tuen Mun Road near Kam Fai Garden	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
797	6106	TW0023	大葉桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
798	6106	TW0024	大葉桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
799	6106	TW0025	大葉桉	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	-	-	-	-	
800	6106	TW0026	大葉桉	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	-	-	-	-	
801	6106	TW0030	台灣相思	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	-	-	-	-	
802	6106	TW0033	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
803	6106	TW0034	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
804	6106	TW0035	大葉桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
805	6106	TW0036	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
806	6106	TW0037	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
807	6106	TW0040	-	Tuen Mun Road near Kam Fai Garden	Retain	-	-	-	-	-	-	
808	6106	TW0043	白千層	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	-	-	-	-	
809	6106	TW0044	白千層	Tuen Mun Road near Kam Fai Garden	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
810	6106	TW0045	白千層	Tuen Mun Road near Kam Fai Garden	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
811	6106	TW0046	白千層	Tuen Mun Road near Kam Fai Garden	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
812	6106	TW0047	台灣相思	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	-	-	-	-	
813	6106	TW0049	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
814	6106	TW0050	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
815	6106	TW0054	大葉桉	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	-	-	-	-	
816	6106	TW0055	大葉桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
817	6106	TW0056	大葉桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
818	6106	TW0057	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
819	6106	TW0058	雙翼豆	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	-	-	-	-	
820	6106	TW0061	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
821	6106	TW0062	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
822	6106	TW0066	檸檬桉	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	-	-	-	-	
823	6106	TW0071	大葉桉	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	-	-	-	-	
824	6106	TW0072	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
825	6106	TW0073	大葉桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
826	6106	TW0074	白千層	Tuen Mun Road near Kam Fai Garden	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
827	6106	TW0075	白千層	Tuen Mun Road near Kam Fai Garden	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
828	6106	TW0076	白千層	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	-	-	-	-	
829	6106	TW0079	台灣相思	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	-	-	-	-	
830	6106	TW0080	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
831	6106	TW0081	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
832	6106	TW0082	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
833	6106	TW0083	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
834	6106	TW0088	檸檬桉	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	-	-	-	-	
835	6106	TW0089	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
836	6106	TW0090	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
837	6106	TW0093	大葉桉	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	-	-	-	-	
838	6106	TW0095	大葉桉	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	-	-	-	-	
839	6106	TW0096	死樹	Tuen Mun Road near Kam Fai Garden	Remove	Remove	-	-	-	-	-	
840	6106	TW0097	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
841	6106	TW0102	台灣相思	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	-	-	-	-	
842	6106	TW0104	台灣相思	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	-	-	-	-	
843	6106	TW0106	台灣相思	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	-	-	-	-	
844	6106	TW0107	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
845	6106	TW0108	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
846	6106	TW0112	木麻黃	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	-	-	-	-	
847	6106	TW0113	山指甲	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	-	-	-	-	
848	6106	TW0114	台灣相思	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	-	-	-	-	
849	6106	TW0115	台灣相思	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	-	-	-	-	
850	6106	TW0116	台灣相思	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	-	-	-	-	
851	6106	TW0117	木麻黃	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
852	6106	TW0118	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
853	6106	TW0119	木麻黃	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
854	6106	TW0120	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
855	6106	TW0121	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
856	6106	TW0122	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
857	6106	TW0123	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
858	6106	TW0124	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
859	6106	TW0125	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	

Contract No. HY/2009/03

Upto : 8/31/2010

Design and Build of Traffic Improvements To Tuen Mun Road Town Centre Section

Numbers of Tree
Retain
140
Transplant
346
Fell
488
Remove
19

	Felling Status	Crown Pruning	1st Root Pruning	2nd Root Pruning	3rd Root Pruning
Unnamed					
Dead Tree (Removed)	**9 (On Ting E.)**				
In Progress	**396**	**151**	**188**	**248**	**307**
Completed	**92**	**195**	**158**	**98**	**39**
Total	**488**	**346**	**346**	**346**	**346**
Completed (%)	**19%**	**56%**	**46%**	**28%**	**11%**

Item	Drawing No.	Tree No.	Cinese Name	Location	Recommendation in Contract Document	Recommendation	Felling Status	Crown Pruning	1st Root Pruning	2nd Root Pruning	3rd Root Pruning	Remarks
860	6106	TW0126	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
861	6106	TW0127	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
862	6106	TW0128	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
863	6106	TW0130	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
864	6106	TW0131	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
865	6106	TW0132	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
866	6106	TW0133	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
867	6106	TW0134	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
868	6106	TW0135	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
869	6106	TW0136	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
870	6106	TW0137	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
871	6106	TW0138	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
872	6106	TW0139	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
873	6106	TW0140	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
874	6106	TW0141	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
875	6106	TW0142	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
876	6106	TW0143	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
877	6106	TW0144	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	18 August, 2010	-	-	-	-	
878	6106	TW0145	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
879	6106	TW0146	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
880	6106	TW0147	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
881	6106	TW0148	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
882	6106	TW0149	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
883	6106	TW0150	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
884	6106	TW0151	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	18 August, 2010	-	-	-	-	
885	6106	TW0152	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	18 August, 2010	-	-	-	-	
886	6106	TW0153	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	18 August, 2010	-	-	-	-	
887	6106	TW0154	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	18 August, 2010	-	-	-	-	
888	6106	TW0155	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	18 August, 2010	-	-	-	-	
889	6106	TW0156	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	18 August, 2010	-	-	-	-	
890	6106	TW0157	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	18 August, 2010	-	-	-	-	
891	6106	TW0158	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	18 August, 2010	-	-	-	-	
892	6106	TW0159	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	14 August, 2010	-	-	-	-	
893	6106	TW0160	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	14 August, 2010	-	-	-	-	
894	6106	TW0161	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	16 August, 2010	-	-	-	-	
895	6106	TW0162	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	16 August, 2010	-	-	-	-	
896	6106	TW0163	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	16 August, 2010	-	-	-	-	
897	6106	TW0165	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	18 August, 2010	-	-	-	-	
898	6106	TW0166	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
899	6106	TW0167	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
900	6106	TW0168	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
901	6106	TW0169	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
902	6106	TW0170	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	14 August, 2010	-	-	-	-	
903	6106	TW0171	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	14 August, 2010	-	-	-	-	
904	6106	TW0172	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
905	6106	TW0173	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
906	6106	TW0174	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	13 August, 2010	-	-	-	-	
907	6106	TW0175	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	13 August, 2010	-	-	-	-	
908	6106	TW0176	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	12 August, 2010	-	-	-	-	
909	6106	TW0177	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	12 August, 2010	-	-	-	-	
910	6106	TW0178	銀合歡	Tuen Mun Road near Kam Fai Garden	Fell	Remove	13 August, 2010	-	-	-	-	
911	6106	TW0179	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	12 August, 2010	-	-	-	-	
912	6106	TW0180	垂葉榕	Tuen Mun Road near Kam Fai Garden	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
913	6106	TW0181	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	11 August, 2010	-	-	-	-	
914	6106	TW0182	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	11 August, 2010	-	-	-	-	
915	6106	TW0183	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	11 August, 2010	-	-	-	-	
916	6106	TW0185	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	11 August, 2010	-	-	-	-	
917	6106	TW0186	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	12 August, 2010	-	-	-	-	
918	6106	TW0187	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	12 August, 2010	-	-	-	-	
919	6106	TW0188	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	13 August, 2010	-	-	-	-	
920	6106	TW0189	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	13 August, 2010	-	-	-	-	
921	6106	TW0190	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	13 August, 2010	-	-	-	-	
922	6106	TW0191	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	13 August, 2010	-	-	-	-	
923	6106	TW0192	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	14 August, 2010	-	-	-	-	
924	6106	TW0193	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	14 August, 2010	-	-	-	-	
925	6106	TW0194	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	14 August, 2010	-	-	-	-	
926	6106	TW0195	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	14 August, 2010	-	-	-	-	
927	6106	TW0196	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	14 August, 2010	-	-	-	-	
928	6106	TW0197	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
929	6106	TW0198	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	Not Yet	-	-	-	-	
930	6106	TW0199	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	11 August, 2010	-	-	-	-	
931	6106	TW0200	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	11 August, 2010	-	-	-	-	
650	6105	TW0580	宮粉羊蹄甲	Wong Chu Road near Ting Fuk House	Transplant	Fell	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
651	6105	TW0581	大葉合歡	Wong Chu Road near Ting Fuk House	Transplant	Fell	N/A	Not Yet	Not Yet	Not Yet	Not Yet	

Contract No. HY/2009/03

Upto : 8/31/2010

Design and Build of Traffic Improvements To Tuen Mun Road Town Centre Section

Numbers of Tree
Retain
140
Transplant
346
Fell
488
Remove
19

	Felling Status	Crown Pruning	1st Root Pruning	2nd Root Pruning	3rd Root Pruning
Unnamed					
Dead Tree (Removed)	**9 (On Ting E.)**				
In Progress	**396**	**151**	**188**	**248**	**307**
Completed	**92**	**195**	**158**	**98**	**39**
Total	**488**	**346**	**346**	**346**	**346**
Completed (%)	**19%**	**56%**	**46%**	**28%**	**11%**

Item	Drawing No.	Tree No.	Cinese Name	Location	Recommendation in Contract Document	Recommendation	Felling Status	Crown Pruning	1st Root Pruning	2nd Root Pruning	3rd Root Pruning	Remarks
652	6105	TW0582	死樹	Wong Chu Road near Ting Fuk House	Fell		29 May, 2010	-	-	-	-	Ref. letter 115
653	6105	TW0583	菩提樹	Wong Chu Road near Ting Fuk House	Retain		-	-	-	-	-	
654	6105	TW0584	雙翼豆	Wong Chu Road near Ting Fuk House	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
655	6105	TW0585	菩提樹	Wong Chu Road near Ting Fuk House	Retain		-	-	-	-	-	
656	6105	TW0586	宮粉羊蹄甲	Wong Chu Road near Ting Fuk House	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
657	6105	TW0587	-	Wong Chu Road near Ting Fuk House	Transplant	Remove	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
511	6104	TW0588	雙翼豆	Wong Chu Road near Ting Fuk House	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
512	6104	TW0589	雙翼豆	Wong Chu Road near Ting Fuk House	Fell		29 May, 2010	-	-	-	-	Ref. letter 115
513	6104	TW0590	朴樹	Wong Chu Road near Ting Fuk House	Fell	Fell	29 May, 2010	-	-	-	-	
514	6104	TW0591	石栗	Wong Chu Road near Ting Fuk House	Transplant	Transplant	N/A	7 August, 2010	10 August, 2010	Not Yet	Not Yet	
515	6104	TW0592	石栗	Wong Chu Road near Ting Fuk House	Transplant	Transplant	N/A	7 August, 2010	19 August, 2010	Not Yet	Not Yet	
516	6104	TW0593	雙翼豆	Wong Chu Road near Ting Fuk House	Fell		29 May, 2010		-	-	-	Ref. letter 115
517	6104	TW0594	木棉	Wong Chu Road near Ting Fuk House	Transplant	Transplant	N/A	7 August, 2010	19 August, 2010	Not Yet	Not Yet	
518	6104	TW0595	石栗	Wong Chu Road near Ting Fuk House	Transplant	Transplant	N/A	7 August, 2010	19 August, 2010	Not Yet	Not Yet	
519	6104	TW0596	木棉	Wong Chu Road near Ting Fuk House	Transplant	Transplant	N/A	7 August, 2010	10 August, 2010	Not Yet	Not Yet	
520	6104	TW0597	雙翼豆	Wong Chu Road near Ting Fuk House	Fell		29 May, 2010	-	-	-	-	Ref. letter 115
521	6104	TW0598	-	Wong Chu Road near Ting Fuk House	Fell	-	29 May, 2010	-	-	-	-	
522	6104	TW0599	-	Wong Chu Road near Ting Fuk House	Fell	-	29 May, 2010	-	-	-	-	
523	6104	TW0600	木棉	Wong Chu Road near Ting Fuk House	Transplant	Transplant	N/A	7 August, 2010	19 August, 2010	Not Yet	Not Yet	
524	6104	TW0601	雙翼豆	Wong Chu Road near Ting Fuk House	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
525	6104	TW0603	石栗	Tuen Mun Road near Ting Fuk House	Transplant	Transplant	N/A	7 August, 2010	Not Yet	Not Yet	Not Yet	
526	6104	TW0604	雙翼豆	Tuen Mun Road near Ting Fuk House	Fell		29 May, 2010	-	-	-	-	Ref. letter 115
527	6104	TW0605	石栗	Tuen Mun Road near Ting Fuk House	Transplant	Transplant	N/A	7 August, 2010	Not Yet	Not Yet	Not Yet	
528	6104	TW0606	雙翼豆	Tuen Mun Road near Ting Fuk House	Fell		29 May, 2010	-	-	-	-	Ref. letter 115
529	6104	TW0607	雙翼豆	Tuen Mun Road near Ting Fuk House	Fell		29 May, 2010	-	-	-	-	Ref. letter 115
530	6104	TW0608	細葉榕	Tuen Mun Road near Ting Fuk House	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
531	6104	TW0609	細葉榕	Tuen Mun Road near Ting Fuk House	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
532	6104	TW0610	細葉榕	Tuen Mun Road near Ting Fuk House	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
533	6104	TW0611	細葉榕	Tuen Mun Road near Ting Fuk House	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
534	6104	TW0612	細葉榕	Tuen Mun Road near Ting Fuk House	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
535	6104	TW0613	銀合歡	Tuen Mun Road near Ting Fuk House	Fell	Remove	29 August, 2010	-	-	-	-	
536	6104	TW0614	細葉榕	Tuen Mun Road near Luk Cheung Kwong College	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
537	6104	TW0615	細葉榕	Tuen Mun Road near Luk Cheung Kwong College	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
538	6104	TW0616	阿江欖仁	Tuen Mun Road near Luk Cheung Kwong College	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
539	6104	TW0617	鳳凰木	Tuen Mun Road near Luk Cheung Kwong College	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
540	6104	TW0618	阿江欖仁	Tuen Mun Road near Luk Cheung Kwong College	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
541	6104	TW0619	阿江欖仁	Tuen Mun Road near Luk Cheung Kwong College	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
542	6104	TW0620	黃葛樹	Tuen Mun Road near Luk Cheung Kwong College	Fell	Fell	29 August, 2010	-	-	-	-	
543	6104	TW0621	黃葛樹	Tuen Mun Road near Luk Cheung Kwong College	Fell	Fell	22 August, 2010	-	-	-	-	
544	6104	TW0622	黃葛樹	Tuen Mun Road near Luk Cheung Kwong College	Fell	Fell	22 August, 2010	-	-	-	-	
545	6104	TW0623	黃葛樹	Tuen Mun Road near Luk Cheung Kwong College	Fell	Fell	29 August, 2010	-	-	-	-	
546	6104	TW0624	黃葛樹	Tuen Mun Road near Luk Cheung Kwong College	Fell	Fell	29 August, 2010	-	-	-	-	
547	6104	TW0625	黃葛樹	Tuen Mun Road near Luk Cheung Kwong College	Fell	Fell	29 August, 2010	-	-	-	-	
548	6104	TW0626	黃葛樹	Tuen Mun Road near Luk Cheung Kwong College	Fell	Fell	29 August, 2010	-	-	-	-	
549	6104	TW0627	黃葛樹	Tuen Mun Road near Luk Cheung Kwong College	Fell	Fell	29 August, 2010	-	-	-	-	
550	6104	TW0628	黃葛樹	Tuen Mun Road near Luk Cheung Kwong College	Fell	Fell	29 August, 2010	-	-	-	-	
551	6104	TW0629	黃葛樹	Tuen Mun Road near Luk Cheung Kwong College	Fell	Fell	22 August, 2010	-	-	-	-	
552	6104	TW0630	黃葛樹	Tuen Mun Road near Luk Cheung Kwong College	Fell	Fell	22 August, 2010	-	-	-	-	
553	6104	TW0631	黃葛樹	Tuen Mun Road near Luk Cheung Kwong College	Fell	Fell	22 August, 2010	-	-	-	-	
554	6104	TW0632	-	Tuen Mun Road near Luk Cheung Kwong College	Missing		-	-	-	-	-	
555	6104	TW0633	雙翼豆	Tuen Mun Road near Luk Cheung Kwong College	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
556	6104	TW0634	雙翼豆	Tuen Mun Road near Luk Cheung Kwong College	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
557	6104	TW0635	石栗	Tuen Mun Road near Luk Cheung Kwong College	Fell	Fell	Not Yet	-	-	-	-	
558	6104	TW0636	銀合歡	Tuen Mun Road near Luk Cheung Kwong College	Retain	Remove	-	-	-	-	-	
559	6104	TW0637	黃花夾竹桃	Tuen Mun Road near Luk Cheung Kwong College	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
560	6104	TW0638	黃花夾竹桃	Tuen Mun Road near Luk Cheung Kwong College	Fell	Fell	Not Yet	-	-	-	-	
561	6104	TW0639	台灣相思	Tuen Mun Road near Luk Cheung Kwong College	Fell		29 May, 2010	-	-	-	-	Ref. letter 115
562	6104	TW0640	石栗	Tuen Mun Road near Luk Cheung Kwong College	Fell	Fell	Not Yet	-	-	-	-	
563	6104	TW0641	-	Tuen Mun Road Slip Road to Tuen Hing Road	Transplant	-	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
564	6104	TW0642	台灣相思	Tuen Mun Road Slip Road to Tuen Hing Road	Retain	Retain	-	-	-	-	-	
565	6104	TW0643	宮粉羊蹄甲	Tuen Mun Road Slip Road to Tuen Hing Road	Retain	Retain	-	-	-	-	-	
566	6104	TW0644	台灣相思	Tuen Mun Road Slip Road to Tuen Hing Road	Retain	Retain	-	-	-	-	-	
567	6104	TW0645	台灣相思	Tuen Mun Road Slip Road to Tuen Hing Road	Retain	Retain	-	-	-	-	-	
568	6104	TW0646	宮粉羊蹄甲	Tuen Mun Road Slip Road to Tuen Hing Road	Retain	Retain	-	-	-	-	-	
569	6104	TW0647	台灣相思	Tuen Mun Road Slip Road to Tuen Hing Road	Retain	Retain	-	-	-	-	-	
570	6104	TW0677	大葉合歡	Tuen Mun Road Slip Road to Tuen Hing Road	Retain	Retain	-	-	-	-	-	
571	6104	TW0678	-	Tuen Mun Road Slip Road to Tuen Hing Road	Retain	-	-	-	-	-	-	
572	6104	TW0679	-	Tuen Mun Road Slip Road to Tuen Hing Road	Retain	-	-	-	-	-	-	
314	6103	TW0680	-	Tuen Mun Road Slip Road to Tuen Hing Road	Remove	-	-	-	-	-	-	
315	6103	TW0681	-	Tuen Mun Road Slip Road to Tuen Hing Road	Retain	-	-	-	-	-	-	
316	6103	TW0682	-	Tuen Mun Road Slip Road to Tuen Hing Road	Retain	-	-	-	-	-	-	
317	6103	TW0683	-	Tuen Mun Road Slip Road to Tuen Hing Road	Retain	-	-	-	-	-	-	
318	6103	TW0684	-	Tuen Mun Road Slip Road to Tuen Hing Road	Retain	-	-	-	-	-	-	
319	6103	TW0685	-	Tuen Mun Road Slip Road to Tuen Hing Road	Retain	-	-	-	-	-	-	

Contract No. HY/2009/03

Upto : 8/31/2010

Design and Build of Traffic Improvements To Tuen Mun Road Town Centre Section

Numbers of Tree
Retain
140
Transplant
346
Fell
488
Remove
19

	Felling Status	Crown Pruning	1st Root Pruning	2nd Root Pruning	3rd Root Pruning
Unnamed					
Dead Tree (Removed)	**9 (On Ting E.)**				
In Progress	**396**	**151**	**188**	**248**	**307**
Completed	**92**	**195**	**158**	**98**	**39**
Total	**488**	**346**	**346**	**346**	**346**
Completed (%)	**19%**	**56%**	**46%**	**28%**	**11%**

Item	Drawing No.	Tree No.	Cinese Name	Location	Recommendation in Contract Document	Recommendation	Felling Status	Crown Pruning	1st Root Pruning	2nd Root Pruning	3rd Root Pruning	Remarks
320	6103	TW0686	-	Tuen Mun Road Slip Road to Tuen Hing Road	Retain	-	-	-	-	-	-	
321	6103	TW0687	台灣相思	Tuen Mun Road Slip Road to Tuen Hing Road	Retain	Retain	-	-	-	-	-	
322	6103	TW0688	台灣相思	Tuen Mun Road Slip Road to Tuen Hing Road	Retain	Retain	-	-	-	-	-	
323	6103	TW0689	台灣相思	Tuen Mun Road Slip Road to Tuen Hing Road	Retain	Retain	-	-	-	-	-	
324	6103	TW0690	台灣相思	Tuen Mun Road Slip Road to Tuen Hing Road	Retain	Retain	-	-	-	-	-	
325	6103	TW0691	-	Tuen Mun Road Slip Road to Tuen Hing Road	Retain	-	-	-	-	-	-	
326	6103	TW0692	-	Tuen Mun Road Slip Road to Tuen Hing Road	Remove	-	-	-	-	-	-	
327	6103	TW0693	台灣相思	Tuen Mun Road Slip Road to Tuen Hing Road	Retain	Retain	-	-	-	-	-	
328	6103	TW0694	宮粉羊蹄甲	Tuen Mun Road Slip Road to Tuen Hing Road	Retain	Retain	-	-	-	-	-	
329	6103	TW0695	宮粉羊蹄甲	Tuen Mun Road Slip Road to Tuen Hing Road	Retain	Retain	-	-	-	-	-	
330	6103	TW0696	宮粉羊蹄甲	Tuen Mun Road Slip Road to Tuen Hing Road	Retain	Retain	-	-	-	-	-	
331	6103	TW0697	大葉合歡	Tuen Mun Road Slip Road to Tuen Hing Road	Retain	Retain	-	-	-	-	-	
332	6103	TW0698	宮粉羊蹄甲	Tuen Hi Road near Tuen Mun Road (YL/B)	Retain	Retain	-	-	-	-	-	
333	6103	TW0699	宮粉羊蹄甲	Tuen Hi Road near Tuen Mun Road (YL/B)	Retain	Retain	-	-	-	-	-	
334	6103	TW0700	黃葛樹	Tuen Fat Road near Tuen Lee Street	Fell	Fell	Not Yet	-	-	-	-	
335	6103	TW0701	石栗	Tuen Fat Road near Tuen Lee Street	Fell	Fell	Not Yet	-	-	-	-	
336	6103	TW0702	石栗	Tuen Fat Road near Tuen Lee Street	Fell	Fell	Not Yet	-	-	-	-	
337	6103	TW0703	石栗	Tuen Fat Road near Tuen Lee Street	Fell	Fell	Not Yet	-	-	-	-	
338	6103	TW0704	石栗	Tuen Fat Road near Tuen Lee Street	Fell	Fell	Not Yet	-	-	-	-	
339	6103	TW0705	白千層	Tuen Fat Road near Tuen Lee Street	Fell	Fell	Not Yet	-	-	-	-	
340	6103	TW0706	黃葛樹	Tuen Fat Road near Tuen Lee Street	Fell	Fell	Not Yet	-	-	-	-	
258	6102	TW0707	石栗	Tuen Fat Road near Tuen Yan Street	Fell	Fell	Not Yet	-	-	-	-	
259	6102	TW0708	-	Tuen Fat Road near Tuen Yan Street	Fell	-	Not Yet	-	-	-	-	
260	6102	TW0709	石栗	Tuen Fat Road near Tuen Yan Street	Fell	Fell	Not Yet	-	-	-	-	
261	6102	TW0710	黃葛樹	Tuen Fat Road near Tuen Yan Street	Fell	Fell	Not Yet	-	-	-	-	
262	6102	TW0711	鳳凰木	Tuen Fat Road near Tuen Yan Street	Fell	Fell	Not Yet	-	-	-	-	
263	6102	TW0712	白千層	Tuen Fat Road near Tuen Yan Street	Fell	Fell	Not Yet	-	-	-	-	
264	6102	TW0713	白千層	Tuen Fat Road near Tuen Yan Street	Fell	Fell	Not Yet	-	-	-	-	
265	6102	TW0714	石栗	Tuen Fat Road near Tuen Yan Street	Fell	Fell	Not Yet	-	-	-	-	
266	6102	TW0715	石栗	Tuen Fat Road near Tuen Yan Street	Fell	Fell	Not Yet	-	-	-	-	
267	6102	TW0716	鳳凰木	Tuen Fat Road near Tuen Yan Street	Fell	Fell	Not Yet	-	-	-	-	
268	6102	TW0717	木棉	Tuen Fat Road near Tuen Yan Street	Fell	Fell	Not Yet	-	-	-	-	
269	6102	TW0718	石栗	Tuen Fat Road near Tuen Yan Street	Fell	Fell	Not Yet	-	-	-	-	
1	6101	TW0719	白千層	Centre Median near Yan Oi Tong	Fell	Fell	Not Yet	-	-	-	-	
2	6101	TW0720	白千層	Centre Median near Yan Oi Tong	Fell	Fell	Not Yet	-	-	-	-	
3	6101	TW0722	大葉桉	Centre Median near Yan Oi Tong	Fell	Fell	Not Yet	-	-	-	-	
270	6102	TW0723	-	Centre Median near Tuen Yan Street	Fell	-	Not Yet	-	-	-	-	
271	6102	TW0724	白千層	Centre Median near Tuen Yan Street	Fell	Fell	Not Yet	-	-	-	-	
272	6102	TW0725	白千層	Centre Median near Tuen Yan Street	Fell	Fell	Not Yet	-	-	-	-	
273	6102	TW0726	白千層	Centre Median near Tuen Yan Street	Fell	Fell	Not Yet	-	-	-	-	
274	6102	TW0727	假檳榔	Centre Median near Tuen Yan Street	Fell	Fell	Not Yet	-	-	-	-	
275	6102	TW0728	白千層	Centre Median near Tuen Yan Street	Fell	Fell	Not Yet	-	-	-	-	
276	6102	TW0729	白千層	Centre Median near Tuen Yan Street	Fell	Fell	Not Yet	-	-	-	-	
277	6102	TW0730	白千層	Centre Median near Tuen Yan Street	Fell	Fell	Not Yet	-	-	-	-	
278	6102	TW0731	白千層	Centre Median near Tuen Yan Street	Fell	Fell	Not Yet	-	-	-	-	
279	6102	TW0732	白千層	Centre Median near Tuen Yan Street	Fell	Fell	Not Yet	-	-	-	-	
280	6102	TW0733	白千層	Centre Median near Tuen Yan Street	Fell	Fell	Not Yet	-	-	-	-	
281	6102	TW0734	白千層	Centre Median near Tuen Yan Street	Fell	Fell	Not Yet	-	-	-	-	
282	6102	TW0735	石栗	Centre Median near Tuen Yan Street	Fell	Fell	Not Yet	-	-	-	-	
283	6102	TW0736	木棉	Centre Median near Tuen Yan Street	Fell	Fell	Not Yet	-	-	-	-	
284	6102	TW0737	石栗	Centre Median near Tuen Yan Street	Fell	Fell	Not Yet	-	-	-	-	
285	6102	TW0738	白千層	Centre Median near Tuen Yan Street	Fell	Fell	Not Yet	-	-	-	-	
286	6102	TW0739	白千層	Centre Median near Tuen Yan Street	Fell	Fell	Not Yet	-	-	-	-	
287	6102	TW0740	黃葛樹	Centre Median near Tuen Yan Street	Fell	Fell	Not Yet	-	-	-	-	
288	6102	TW0741	石栗	Centre Median near Tuen Yan Street	Fell	Fell	Not Yet	-	-	-	-	
289	6102	TW0742	石栗	Centre Median near Tuen Yan Street	Fell	Fell	Not Yet	-	-	-	-	
290	6102	TW0743	黃葛樹	Centre Median near Tuen Yan Street	Fell	Fell	Not Yet	-	-	-	-	
291	6102	TW0744	石栗	Centre Median near Tuen Yan Street	Fell	Fell	Not Yet	-	-	-	-	
292	6102	TW0745	石栗	Centre Median near Tuen Yan Street	Fell	Fell	Not Yet	-	-	-	-	
293	6102	TW0746	石栗	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
294	6102	TW0747	白千層	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
341	6103	TW0748	石栗	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
342	6103	TW0749	白千層	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
343	6103	TW0750	鳳凰木	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
344	6103	TW0751	黃葛樹	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
345	6103	TW0752	鳳凰木	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
346	6103	TW0753	黃葛樹	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
347	6103	TW0754	白千層	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
348	6103	TW0755	白千層	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
349	6103	TW0756	石栗	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
350	6103	TW0757	石栗	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
351	6103	TW0758	白千層	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
352	6103	TW0759	白千層	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
353	6103	TW0760	鳳凰木	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	

Contract No. HY/2009/03

Upto : 8/31/2010

Design and Build of Traffic Improvements To Tuen Mun Road Town Centre Section

Numbers of Tree
Retain
140
Transplant
346
Fell
488
Remove
19

	Felling Status	Crown Pruning	1st Root Pruning	2nd Root Pruning	3rd Root Pruning
Unnamed					
Dead Tree (Removed)	**9 (On Ting E.)**				
In Progress	**396**	**151**	**188**	**248**	**307**
Completed	**92**	**195**	**158**	**98**	**39**
Total	**488**	**346**	**346**	**346**	**346**
Completed (%)	**19%**	**56%**	**46%**	**28%**	**11%**

Item	Drawing No.	Tree No.	Cinese Name	Location	Recommendation in Contract Document	Recommendation	Felling Status	Crown Pruning	1st Root Pruning	2nd Root Pruning	3rd Root Pruning	Remarks
354	6103	TW0761	白千層	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
355	6103	TW0762	黃葛樹	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
356	6103	TW0763	石栗	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
357	6103	TW0764	白千層	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
358	6103	TW0765	白千層	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
359	6103	TW0766	鳳凰木	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
360	6103	TW0767	白千層	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
361	6103	TW0768	白千層	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
362	6103	TW0769	白千層	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
363	6103	TW0770	鳳凰木	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
364	6103	TW0771	石栗	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
365	6103	TW0772	白千層	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
366	6103	TW0773	石栗	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
367	6103	TW0774	黃葛樹	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
368	6103	TW0775	石栗	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
369	6103	TW0776	石栗	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
370	6103	TW0777	石栗	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
371	6103	TW0778	白千層	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
372	6103	TW0779	黃葛樹	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
373	6103	TW0780	白千層	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
374	6103	TW0781	黃葛樹	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
375	6103	TW0782	白千層	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
376	6103	TW0783	石栗	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
377	6103	TW0784	石栗	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
378	6103	TW0785	石栗	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
379	6103	TW0786	石栗	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
380	6103	TW0787	白千層	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
381	6103	TW0788	黃葛樹	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
382	6103	TW0789	白千層	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
383	6103	TW0790	石栗	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
384	6103	TW0791	石栗	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
385	6103	TW0792	石栗	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
386	6103	TW0793	石栗	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	Not Yet	-	-	-	-	
387	6103	TW0794	石栗	Centre Median between Tuen Hing Rd & Chi Lok Fa Yuen	Fell	Fell	Not Yet	-	-	-	-	
388	6103	TW0795	石栗	Centre Median between Tuen Hing Rd & Chi Lok Fa Yuen	Fell	Fell	Not Yet	-	-	-	-	
389	6103	TW0796	石栗	Centre Median between Tuen Hing Rd & Chi Lok Fa Yuen	Fell	Fell	Not Yet	-	-	-	-	
390	6103	TW0797	石栗	Centre Median between Tuen Hing Rd & Chi Lok Fa Yuen	Fell	Fell	Not Yet	-	-	-	-	
391	6103	TW0798	白千層	Centre Median between Tuen Hing Rd & Chi Lok Fa Yuen	Fell	Fell	Not Yet	-	-	-	-	
392	6103	TW0799	黃葛樹	Centre Median between Tuen Hing Rd & Chi Lok Fa Yuen	Fell	Fell	Not Yet	-	-	-	-	
393	6103	TW0800	石栗	Centre Median between Tuen Hing Rd & Chi Lok Fa Yuen	Fell	Fell	Not Yet	-	-	-	-	
394	6103	TW0801	白千層	Centre Median between Tuen Hing Rd & Chi Lok Fa Yuen	Fell	Fell	Not Yet	-	-	-	-	
395	6103	TW0802	石栗	Centre Median between Tuen Hing Rd & Chi Lok Fa Yuen	Fell	Fell	Not Yet	-	-	-	-	
396	6103	TW0803	石栗	Centre Median between Tuen Hing Rd & Chi Lok Fa Yuen	Fell	Fell	Not Yet	-	-	-	-	
397	6103	TW0804	白千層	Centre Median between Tuen Hing Rd & Chi Lok Fa Yuen	Fell	Fell	Not Yet	-	-	-	-	
398	6103	TW0805	黃葛樹	Centre Median between Tuen Hing Rd & Chi Lok Fa Yuen	Fell	Fell	Not Yet	-	-	-	-	
573	6104	TW0806	黃葛樹	Centre Median between Tuen Hing Rd & Chi Lok Fa Yuen	Fell	Fell	Not Yet	-	-	-	-	
574	6104	TW0807	木麻黃	Centre Median between Tuen Hing Rd & Chi Lok Fa Yuen	Fell	Fell	Not Yet	-	-	-	-	
575	6104	TW0808	石栗	Centre Median between Tuen Hing Rd & Chi Lok Fa Yuen	Fell	Fell	Not Yet	-	-	-	-	
576	6104	TW0809	石栗	Centre Median between Tuen Hing Rd & Chi Lok Fa Yuen	Fell	Fell	Not Yet	-	-	-	-	
577	6104	TW0810	白千層	Centre Median between Tuen Hing Rd & Chi Lok Fa Yuen	Fell	Fell	Not Yet	-	-	-	-	
578	6104	TW0811	白千層	Centre Median between Tuen Hing Rd & Chi Lok Fa Yuen	Fell	Fell	Not Yet	-	-	-	-	
579	6104	TW0812	黃葛樹	Centre Median between Tuen Hing Rd & Chi Lok Fa Yuen	Fell	Fell	Not Yet	-	-	-	-	
580	6104	TW0813	白千層	Centre Median between Tuen Hing Rd & Chi Lok Fa Yuen	Fell	Fell	Not Yet	-	-	-	-	
581	6104	TW0814	白千層	Centre Median between Tuen Hing Rd & Chi Lok Fa Yuen	Fell	Fell	Not Yet	-	-	-	-	
582	6104	TW0815	石栗	Centre Median between Tuen Hing Rd & Chi Lok Fa Yuen	Fell	Fell	Not Yet	-	-	-	-	
583	6104	TW0816	石栗	Centre Median between Tuen Hing Rd & Chi Lok Fa Yuen	Fell	Fell	Not Yet	-	-	-	-	
584	6104	TW0817	白千層	Centre Median between Tuen Hing Rd & Chi Lok Fa Yuen	Fell	Fell	Not Yet	-	-	-	-	
585	6104	TW0818	石栗	Centre Median between Tuen Hing Rd & Chi Lok Fa Yuen	Fell	Fell	Not Yet	-	-	-	-	
586	6104	TW0819	黃葛樹	Centre Median between Tuen Hing Rd & Chi Lok Fa Yuen	Fell	Fell	Not Yet	-	-	-	-	
587	6104	TW0820	白千層	Centre Median between Tuen Hing Rd & Chi Lok Fa Yuen	Fell	Fell	Not Yet	-	-	-	-	
588	6104	TW0821	黃葛樹	Centre Median between Tuen Hing Rd & Chi Lok Fa Yuen	Fell	Fell	Not Yet	-	-	-	-	
589	6104	TW0822	白千層	Centre Median between Tuen Hing Rd & Chi Lok Fa Yuen	Fell	Fell	Not Yet	-	-	-	-	
590	6104	TW0823	白千層	Centre Median between Tuen Hing Rd & Chi Lok Fa Yuen	Fell	Fell	Not Yet	-	-	-	-	
591	6104	TW0824	白千層	Centre Median between Tuen Hing Rd & Chi Lok Fa Yuen	Fell	Fell	Not Yet	-	-	-	-	
592	6104	TW0825	白千層	Centre Median between Tuen Hing Rd & Chi Lok Fa Yuen	Fell	Fell	Not Yet	-	-	-	-	
593	6104	TW0826	白千層	Centre Median between Tuen Hing Rd & Chi Lok Fa Yuen	Fell	Fell	Not Yet	-	-	-	-	
594	6104	TW0827	白千層	Centre Median between Tuen Hing Rd & Chi Lok Fa Yuen	Fell	Fell	Not Yet	-	-	-	-	
595	6104	TW0828	白千層	Centre Median between Tuen Hing Rd & Chi Lok Fa Yuen	Fell	Fell	Not Yet	-	-	-	-	
596	6104	TW0829	白千層	Centre Median between Tuen Hing Rd & Chi Lok Fa Yuen	Fell	Fell	Not Yet	-	-	-	-	
597	6104	TW0830	白千層	Centre Median between Tuen Hing Rd & Chi Lok Fa Yuen	Fell	Fell	Not Yet	-	-	-	-	
598	6104	TW0831	白千層	Centre Median between Tuen Hing Rd & Chi Lok Fa Yuen	Fell	Fell	Not Yet	-	-	-	-	
399	6103	TW0832	大葉合歡	Tuen Hing Road Slip Road to Tuen Mun Road B bound	Fell	Fell	Not Yet	-	-	-	-	
400	6103	TW0833	台灣相思	Tuen Hing Road Slip Road to Tuen Mun Road B bound	Fell	Fell	Not Yet	-	-	-	-	
401	6103	TW0834	台灣相思	Tuen Hing Road Slip Road to Tuen Mun Road B bound	Fell	Fell	Not Yet	-	-	-	-	

Contract No. HY/2009/03

Upto : 8/31/2010

Design and Build of Traffic Improvements To Tuen Mun Road Town Centre Section

Numbers of Tree
Retain
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Transplant
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Fell
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Remove
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	Felling Status	Crown Pruning	1st Root Pruning	2nd Root Pruning	3rd Root Pruning
Unnamed					
Dead Tree (Removed)	**9 (On Ting E.)**				
In Progress	**396**	**151**	**188**	**248**	**307**
Completed	**92**	**195**	**158**	**98**	**39**
Total	**488**	**346**	**346**	**346**	**346**
Completed (%)	**19%**	**56%**	**46%**	**28%**	**11%**

Item	Drawing No.	Tree No.	Cinese Name	Location	Recommendation in Contract Document	Recommendation	Felling Status	Crown Pruning	1st Root Pruning	2nd Root Pruning	3rd Root Pruning	Remarks
402	6103	TW0835	大葉合歡	Tuen Hing Road Slip Road to Tuen Mun Road B bound	Fell	Fell	Not Yet	-	-	-	-	
403	6103	TW0836	台灣相思	Tuen Hing Road Slip Road to Tuen Mun Road B bound	Fell	Fell	Not Yet	-	-	-	-	
404	6103	TW0837	-	Tuen Hing Road Slip Road to Tuen Mun Road B bound	Fell	Remove	Not Yet	-	-	-	-	
405	6103	TW0838	-	Tuen Hing Road Slip Road to Tuen Mun Road B bound	Fell	-	Not Yet	-	-	-	-	
406	6103	TW0839	台灣相思	Tuen Hing Road Slip Road to Tuen Mun Road B bound	Fell	Fell	Not Yet	-	-	-	-	
407	6103	TW0840	-	Tuen Hing Road Slip Road to Tuen Mun Road B bound	Fell	-	Not Yet	-	-	-	-	
408	6103	TW0841	-	Tuen Hing Road Slip Road to Tuen Mun Road B bound	Fell	Remove	Not Yet	-	-	-	-	
409	6103	TW0842	-	Tuen Hing Road Slip Road to Tuen Mun Road B bound	Fell	Remove	6 September, 2010	-	-	-	-	by others
410	6103	TW0843	台灣相思	Tuen Hing Road Slip Road to Tuen Mun Road B bound	Fell	Fell	Not Yet	-	-	-	-	
411	6103	TW0844	-	Tuen Hing Road Slip Road to Tuen Mun Road B bound	Fell	Remove	Not Yet	-	-	-	-	
412	6103	TW0845	-	Tuen Hing Road Slip Road to Tuen Mun Road B bound	Fell	-	Not Yet	-	-	-	-	
413	6103	TW0846	台灣相思	Tuen Hing Road Slip Road to Tuen Mun Road B bound	Fell	Fell	Not Yet	-	-	-	-	
414	6103	TW0847	台灣相思	Tuen Hing Road Slip Road to Tuen Mun Road B bound	Fell	Fell	Not Yet	-	-	-	-	
415	6103	TW0848	-	Tuen Hing Road Slip Road to Tuen Mun Road B bound	Fell	-	Not Yet	-	-	-	-	
416	6103	TW0849	-	Tuen Hing Road Slip Road to Tuen Mun Road B bound	Fell	-	Not Yet	-	-	-	-	
417	6103	TW0851	台灣相思	Tuen Hing Road Slip Road to Tuen Mun Road B bound	Fell	Fell	Not Yet	-	-	-	-	
418	6103	TW0852	台灣相思	Tuen Hing Road Slip Road to Tuen Mun Road B bound	Fell	Fell	Not Yet	-	-	-	-	
419	6103	TW0853	-	Tuen Hing Road Slip Road to Tuen Mun Road B bound	Fell	-	Not Yet	-	-	-	-	
420	6103	TW0854	桑	Tuen Hing Road Slip Road to Tuen Mun Road B bound	Fell	Fell	Not Yet	-	-	-	-	
421	6103	TW0855	木棉	Tuen Hi Road near Tuen Wui Street	Fell	Fell	Not Yet	-	-	-	-	
422	6103	TW0856	-	Tuen Hi Road near Tuen Wui Street	Fell	-	Not Yet	-	-	-	-	
423	6103	TW0857	黃葛樹	Tuen Hi Road near Tuen Wui Street	Fell	Fell	Not Yet	-	-	-	-	
424	6103	TW0858	黃葛樹	Tuen Hi Road near Tuen Wui Street	Fell	Fell	Not Yet	-	-	-	-	
425	6103	TW0859	黃葛樹	Tuen Hi Road near Tuen Wui Street	Fell	Fell	Not Yet	-	-	-	-	
426	6103	TW0860	木棉	Tuen Hi Road near Tuen Wui Street	Fell	Fell	Not Yet	-	-	-	-	
427	6103	TW0861	黃葛樹	Tuen Hi Road near Tuen Wui Street	Fell	Fell	Not Yet	-	-	-	-	
428	6103	TW0862	黃葛樹	Tuen Hi Road near Tuen Wui Street	Fell	Fell	Not Yet	-	-	-	-	
429	6103	TW0863	黃葛樹	Tuen Hi Road near Tuen Wui Street	Fell	Fell	Not Yet	-	-	-	-	
430	6103	TW0864	黃葛樹	Tuen Hi Road near Tuen Wui Street	Fell	Fell	Not Yet	-	-	-	-	
431	6103	TW0865	木棉	Tuen Hi Road near Tuen Wui Street	Fell	Fell	Not Yet	-	-	-	-	
432	6103	TW0866	黃葛樹	Tuen Hi Road near Tuen Wui Street	Fell	Fell	Not Yet	-	-	-	-	
433	6103	TW0867	木棉	Tuen Hi Road near Tuen Wui Street	Fell	Fell	Not Yet	-	-	-	-	
434	6103	TW0868	黃葛樹	Tuen Hi Road near Tuen Wui Street	Fell	Fell	Not Yet	-	-	-	-	
435	6103	TW0869	黃葛樹	Tuen Hi Road near Tuen Wui Street	Fell	Fell	Not Yet	-	-	-	-	
436	6103	TW0870	木棉	Tuen Hi Road near Tuen Wui Street	Fell	Fell	Not Yet	-	-	-	-	
437	6103	TW0871	-	Tuen Hi Road near Tuen Wui Street	Fell	-	Not Yet	-	-	-	-	
438	6103	TW0872	木棉	Tuen Hi Road near Tuen Wui Street	Fell	Fell	Not Yet	-	-	-	-	
439	6103	TW0873	黃葛樹	Tuen Hi Road near Tuen Wui Street	Fell	Fell	Not Yet	-	-	-	-	
440	6103	TW0874	黃葛樹	Tuen Hi Road near Tuen Wui Street	Fell	Fell	Not Yet	-	-	-	-	
441	6103	TW0875	黃葛樹	Tuen Hi Road near Tuen Wui Street	Fell	Fell	Not Yet	-	-	-	-	
442	6103	TW0876	木棉	Tuen Hi Road near Tuen Wui Street	Fell	Fell	Not Yet	-	-	-	-	
443	6103	TW0877	黃葛樹	Tuen Hi Road near Tuen Wui Street	Fell	Fell	Not Yet	-	-	-	-	
444	6103	TW0878	黃葛樹	Tuen Hi Road near Tuen Wui Street	Fell	Fell	Not Yet	-	-	-	-	
445	6103	TW0879	黃葛樹	Tuen Hi Road near Tuen Wui Street	Fell	Fell	Not Yet	-	-	-	-	
446	6103	TW0880	黃葛樹	Tuen Hi Road near Tuen Wui Street	Fell	Fell	Not Yet	-	-	-	-	
295	6102	TW0881	秋楓	Tuen Mun Road A Bound near Tuen Lung Street	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
296	6102	TW0882	秋楓	Tuen Mun Road A Bound near Tuen Lung Street	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
297	6102	TW0883	秋楓	Tuen Mun Road A Bound near Tuen Lung Street	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
298	6102	TW0884	苦楝	Tuen Mun Road A Bound near Tuen Lung Street	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
299	6102	TW0885	苦楝	Tuen Mun Road A Bound near Tuen Lung Street	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
300	6102	TW0886	秋楓樹	Tuen Mun Road A Bound near Tuen Lung Street	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
301	6102	TW0887	白千層	Tuen Mun Road A Bound near Yan Ching Street	Fell	Fell	Not Yet	-	-	-	-	
302	6102	TW0888	白千層	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
303	6102	TW0889	白千層	Tuen Mun Road A Bound near Yan Ching Street	Fell	Fell	Not Yet	-	-	-	-	
4	6101	TW0890	白千層	Tuen Mun Road A Bound near Yan Ching Street	Fell	Fell	Not Yet	-	-	-	-	
5	6101	TW0891	樹頭菜	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	30 August, 2010	Not Yet	Not Yet	Not Yet	
6	6101	TW0892	樹頭菜	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	30 August, 2010	Not Yet	Not Yet	Not Yet	
7	6101	TW0893	樹頭菜	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	30 August, 2010	Not Yet	Not Yet	Not Yet	
8	6101	TW0894	樹頭菜	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	30 August, 2010	Not Yet	Not Yet	Not Yet	
9	6101	TW0895	石栗	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	20 August, 2010	Not Yet	Not Yet	Not Yet	
10	6101	TW0896	洋紫荊	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	30 August, 2010	Not Yet	Not Yet	Not Yet	
11	6101	TW0897	洋紫荊	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	30 August, 2010	30 August, 2010	Not Yet	Not Yet	
12	6101	TW0898	洋紫荊	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	30 August, 2010	Not Yet	Not Yet	Not Yet	
13	6101	TW0899	洋紫荊	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	20 August, 2010	Not Yet	Not Yet	Not Yet	
14	6101	TW0900	石栗	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	20 August, 2010	Not Yet	Not Yet	Not Yet	
15	6101	TW0901	樹頭菜	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	30 August, 2010	Not Yet	Not Yet	Not Yet	
16	6101	TW0902	鳳凰木	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
17	6101	TW0903	鳳凰木	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
18	6101	TW0904	鳳凰木	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
19	6101	TW0905	石栗	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	20 August, 2010	Not Yet	Not Yet	Not Yet	
20	6101	TW0906	石栗	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	20 August, 2010	Not Yet	Not Yet	Not Yet	
21	6101	TW0907	石栗	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	20 August, 2010	Not Yet	Not Yet	Not Yet	
22	6101	TW0908	洋紫荊	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
23	6101	TW0909	石栗	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	

Contract No. HY/2009/03

Upto : 8/31/2010

Design and Build of Traffic Improvements To Tuen Mun Road Town Centre Section

Numbers of Tree
Retain
140
Transplant
346
Fell
488
Remove
19

	Felling Status	Crown Pruning	1st Root Pruning	2nd Root Pruning	3rd Root Pruning
Unnamed					
Dead Tree (Removed)	**9 (On Ting E.)**				
In Progress	**396**	**151**	**188**	**248**	**307**
Completed	**92**	**195**	**158**	**98**	**39**
Total	**488**	**346**	**346**	**346**	**346**
Completed (%)	**19%**	**56%**	**46%**	**28%**	**11%**

Item	Drawing No.	Tree No.	Cinese Name	Location	Recommendation in Contract Document	Recommendation	Felling Status	Crown Pruning	1st Root Pruning	2nd Root Pruning	3rd Root Pruning	Remarks
24	6101	TW0910	石栗	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
25	6101	TW0911	烏桕	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
26	6101	TW0912	鳳凰木	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
27	6101	TW0913	烏桕	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
28	6101	TW0914	假檳榔	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
29	6101	TW0915	假檳榔	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
30	6101	TW0916	假檳榔	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	30 August, 2010	Not Yet	Not Yet	Not Yet	
31	6101	TW0917	假檳榔	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
32	6101	TW0918	大葉桉	Tuen Mun Road A Bound near Yan Ching Street	Fell	Fell	Not Yet	-	-	-	-	
33	6101	TW0919	假檳榔	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	30 August, 2010	Not Yet	Not Yet	Not Yet	
34	6101	TW0920	大葉桉	Tuen Mun Road A Bound near Yan Ching Street	Fell	Fell	Not Yet	-	-	-	-	
35	6101	TW0921	串錢柳	Tuen Mun Road A Bound near Yan Ching Street	Fell	Fell	Not Yet	-	-	-	-	
36	6101	TW0922	假檳榔	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	30 August, 2010	Not Yet	Not Yet	Not Yet	
37	6101	TW0923	假檳榔	Tuen Mun Road A Bound near Yan Ching Street	Retain	Retain	-	-	-	-	-	
38	6101	TW0924	假檳榔	Tuen Mun Road A Bound near Yan Ching Street	Retain	Retain	-	-	-	-	-	
39	6101	TW0925	假檳榔	Tuen Mun Road A Bound near Yan Ching Street	Retain	Retain	-	-	-	-	-	
40	6101	TW0926	大葉桉	Tuen Mun Road A Bound near Yan Ching Street	Retain	Retain	-	-	-	-	-	
41	6101	TW0927	串錢柳	Tuen Mun Road A Bound near Yan Ching Street	Retain	Retain	-	-	-	-	-	
42	6101	TW0928	大葉桉	Tuen Mun Road A Bound near Yan Ching Street	Retain	Retain	-	-	-	-	-	
43	6101	TW0929	串錢柳	Tuen Mun Road A Bound near Yan Ching Street	Retain	Retain	-	-	-	-	-	
44	6101	TW0930	大葉桉	Tuen Mun Road A Bound near Yan Ching Street	Fell	Fell	Not Yet	-	-	-	-	
45	6101	TW0931	大葉桉	Tuen Mun Road A Bound near Yan Ching Street	Fell	Fell	Not Yet	-	-	-	-	
46	6101	TW0932	假檳榔	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	30 August, 2010	Not Yet	Not Yet	Not Yet	
47	6101	TW0933	假檳榔	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	30 August, 2010	Not Yet	Not Yet	Not Yet	
48	6101	TW0934	假檳榔	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	30 August, 2010	Not Yet	Not Yet	Not Yet	
49	6101	TW0935	大葉桉	Tuen Mun Road A Bound near Yan Ching Street	Fell	Fell	Not Yet	-	-	-	-	
50	6101	TW0936	石栗	Tuen Mun Road A Bound near Yan Ching Street	Fell	Fell	Not Yet	-	-	-	-	
51	6101	TW0937	大葉桉	Tuen Mun Road A Bound near Yan Ching Street	Fell	Fell	Not Yet	-	-	-	-	
52	6101	TW0938	假檳榔	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	30 August, 2010	Not Yet	Not Yet	Not Yet	
53	6101	TW0939	假檳榔	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	30 August, 2010	Not Yet	Not Yet	Not Yet	
54	6101	TW0940	石栗	Tuen Mun Road A Bound near Yan Ching Street	Fell	Fell	Not Yet	-	-	-	-	
55	6101	TW0941	串錢柳	Tuen Mun Road A Bound near Yan Ching Street	Fell	Fell	Not Yet	-	-	-	-	
56	6101	TW0942	串錢柳	Tuen Mun Road A Bound near Yan Ching Street	Fell	Fell	Not Yet	-	-	-	-	
57	6101	TW0943	假檳榔	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
58	6101	TW0944	鳳凰木	Tuen Mun Road A Bound near Yan Ching Street	Fell	Fell	Not Yet	-	-	-	-	
59	6101	TW0945	假檳榔	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
60	6101	TW0946	鳳凰木	Tuen Mun Road A Bound near Yan Ching Street	Fell	Fell	Not Yet	-	-	-	-	
61	6101	TW0947	假檳榔	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
62	6101	TW0948	串錢柳	Tuen Mun Road A Bound near Yan Ching Street	Fell	Fell	Not Yet	-	-	-	-	
63	6101	TW0949	串錢柳	Tuen Mun Road A Bound near Yan Ching Street	Fell	Fell	Not Yet	-	-	-	-	
64	6101	TW0950	串錢柳	Tuen Mun Road A Bound near Yan Ching Street	Fell	Fell	Not Yet	-	-	-	-	
65	6101	TW0951	串錢柳	Tuen Mun Road A Bound near Yan Ching Street	Fell	Fell	Not Yet	-	-	-	-	
66	6101	TW0952	串錢柳	Tuen Mun Road A Bound near Yan Ching Street	Fell	Fell	Not Yet	-	-	-	-	
67	6101	TW0953	鳳凰木	Tuen Mun Road A Bound near Yan Ching Street	Fell	Fell	Not Yet	-	-	-	-	
68	6101	TW0954	串錢柳	Tuen Mun Road A Bound near Yan Ching Street	Fell	Fell	Not Yet	-	-	-	-	
69	6101	TW0955	鳳凰木	Tuen Mun Road A Bound near Yan Ching Street	Fell	Fell	Not Yet	-	-	-	-	
70	6101	TW0956	-	Tuen Mun Road A Bound near Yan Ching Street	Remove	-	-	-	-	-	-	
71	6101	TW0957	假檳榔	Tuen Mun Road A Bound near Yan Ching Street	Retain	Retain	-	-	-	-	-	
72	6101	TW0959	假檳榔	Tuen Mun Road A Bound near Yan Ching Street	Retain	Retain	-	-	-	-	-	
73	6101	TW0960	假檳榔	Tuen Mun Road A Bound near Yan Ching Street	Retain	Retain	-	-	-	-	-	
74	6101	TW0961	鳳凰木	Tuen Mun Road A Bound near Yan Ching Street	Retain	Retain	-	-	-	-	-	
75	6101	TW0962	假檳榔	Tuen Mun Road A Bound near Yan Ching Street	Retain	Retain	-	-	-	-	-	
76	6101	TW0963	假檳榔	Tuen Mun Road A Bound near Yan Ching Street	Retain	Retain	-	-	-	-	-	
77	6101	TW0966	鳳凰木	Tuen Mun Road A Bound near Yan Ching Street	Retain	Retain	-	-	-	-	-	
78	6101	TW0969	假檳榔	Tuen Mun Road A Bound near Yan Ching Street	Retain	Retain	-	-	-	-	-	
79	6101	TW0973	假檳榔	Yan Oi Tong Circuit Car Park	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
80	6101	TW0974	假檳榔	Yan Oi Tong Circuit Car Park	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
81	6101	TW0975	假檳榔	Yan Oi Tong Circuit Car Park	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
82	6101	TW0976	假檳榔	Yan Oi Tong Circuit Car Park	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
83	6101	TW0977	假檳榔	Yan Oi Tong Circuit Car Park	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
84	6101	TW0978	假檳榔	Yan Oi Tong Circuit Car Park	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
85	6101	TW0979	石栗	Yan Oi Tong Circuit Planter Area	Retain	Retain	-	-	-	-	-	
86	6101	TW0980	石栗	Yan Oi Tong Circuit Planter Area	Retain	Retain	-	-	-	-	-	
87	6101	TW0981		Yan Oi Tong Circuit Planter Area	Remove	-	-	-	-	-	-	
88	6101	TW0982	石栗	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
89	6101	TW0983	鳳凰木	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
90	6101	TW0984	石栗	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
91	6101	TW0985	假檳榔	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	9 August, 2010	10 August, 2010	Not Yet	Not Yet	
92	6101	TW0986	假檳榔	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	9 August, 2010	10 August, 2010	Not Yet	Not Yet	
93	6101	TW0987	假檳榔	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	9 August, 2010	Not Yet	Not Yet	Not Yet	
94	6101	TW0988	假檳榔	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	9 August, 2010	10 August, 2010	Not Yet	Not Yet	
95	6101	TW0989	石栗	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	9 August, 2010	10 August, 2010	Not Yet	Not Yet	
96	6101	TW0990	假檳榔	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	4 August, 2010	6 August, 2010	Not Yet	Not Yet	
97	6101	TW0991	大葉合歡	Yan Oi Tong Circuit Planter Area	Fell	Fell	Not Yet	-	-	-	-	

Contract No. HY/2009/03

Upto : 8/31/2010

Design and Build of Traffic Improvements To Tuen Mun Road Town Centre Section

Numbers of Tree
Retain
140
Transplant
346
Fell
488
Remove
19

	Felling Status	Crown Pruning	1st Root Pruning	2nd Root Pruning	3rd Root Pruning
Unnamed					
Dead Tree (Removed)	**9 (On Ting E.)**				
In Progress	**396**	**151**	**188**	**248**	**307**
Completed	**92**	**195**	**158**	**98**	**39**
Total	**488**	**346**	**346**	**346**	**346**
Completed (%)	**19%**	**56%**	**46%**	**28%**	**11%**

Item	Drawing No.	Tree No.	Cinese Name	Location	Recommendation in Contract Document	Recommendation	Felling Status	Crown Pruning	1st Root Pruning	2nd Root Pruning	3rd Root Pruning	Remarks
98	6101	TW0992	假檳榔	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	4 August, 2010	6 August, 2010	Not Yet	Not Yet	
99	6101	TW0993	假檳榔	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	4 August, 2010	6 August, 2010	Not Yet	Not Yet	
100	6101	TW0994	假檳榔	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
101	6101	TW0995	鳳凰木	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
102	6101	TW0996	串錢柳	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
103	6101	TW0997	鳳凰木	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
104	6101	TW0998	鳳凰木	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
105	6101	TW0999	假檳榔	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	4 August, 2010	6 August, 2010	Not Yet	Not Yet	
106	6101	TW1000	假檳榔	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	4 August, 2010	6 August, 2010	Not Yet	Not Yet	
107	6101	TW1001	假檳榔	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	4 August, 2010	6 August, 2010	Not Yet	Not Yet	
108	6101	TW1002	假檳榔	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	4 August, 2010	6 August, 2010	Not Yet	Not Yet	
109	6101	TW1003	假檳榔	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	4 August, 2010	6 August, 2010	Not Yet	Not Yet	
110	6101	TW1004	假檳榔	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	4 August, 2010	6 August, 2010	Not Yet	Not Yet	
111	6101	TW1005	假檳榔	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	2 August, 2010	6 August, 2010	Not Yet	Not Yet	
112	6101	TW1006	假檳榔	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	2 August, 2010	7 August, 2010	Not Yet	Not Yet	
113	6101	TW1007	假檳榔	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	4 August, 2010	30 August, 2010	Not Yet	Not Yet	
114	6101	TW1008	假檳榔	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	30 August, 2010	30 August, 2010	Not Yet	Not Yet	
115	6101	TW1009	假檳榔	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	2 August, 2010	7 August, 2010	Not Yet	Not Yet	
116	6101	TW1010	鳳凰木	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
117	6101	TW1011	假檳榔	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	2 August, 2010	Not Yet	Not Yet	Not Yet	
118	6101	TW1012	鳳凰木	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
119	6101	TW1013	假檳榔	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	2 August, 2010	9 August, 2010	Not Yet	Not Yet	
120	6101	TW1014	假檳榔	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	2 August, 2010	20 August, 2010	Not Yet	Not Yet	
121	6101	TW1015	假檳榔	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	2 August, 2010	7 August, 2010	Not Yet	Not Yet	
122	6101	TW1016	串錢柳	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	2 August, 2010	6 August, 2010	Not Yet	Not Yet	
123	6101	TW1017	石栗	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	2 August, 2010	7 August, 2010	Not Yet	Not Yet	
124	6101	TW1018	石栗	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	2 August, 2010	7 August, 2010	Not Yet	Not Yet	
	6101	TW1019	大葉合歡	Yan Oi Tong Circuit Planter Area	Fell	Fell	3 August, 2010	-	-	-	-	
126	6101	TW1020	大葉合歡	Yan Oi Tong Circuit Planter Area	Fell	Fell	2 August, 2010	-	-	-	-	
127	6101	TW1021	烏桕	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	3 August, 2010	7 August, 2010	Not Yet	Not Yet	
128	6101	TW1022	鳳凰木	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	3 August, 2010	Not Yet	Not Yet	Not Yet	
129	6101	TW1023	石栗	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	3 August, 2010	7 August, 2010	Not Yet	Not Yet	
130	6101	TW1024	烏桕	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	3 August, 2010	9 August, 2010	Not Yet	Not Yet	
131	6101	TW1025	烏桕	Yan Oi Tong Circuit Planter Area	Retain	Retain	-	-	-	-	-	
132	6101	TW1026	石栗	Yan Oi Tong Circuit Planter Area	Retain	Retain	-	-	-	-	-	
133	6101	TW1027	大葉合歡	Yan Oi Tong Circuit Planter Area	Fell	Fell	3 August, 2010	-	-	-	-	
134	6101	TW1028	鳳凰木	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
135	6101	TW1029	鳳凰木	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
136	6101	TW1030	假檳榔	Yan Oi Tong Circuit Planter Area	Retain	Retain	-	-	-	-	-	
137	6101	TW1031	假檳榔	Yan Oi Tong Circuit Planter Area	Retain	Retain	-	-	-	-	-	
138	6101	TW1032	假檳榔	Yan Oi Tong Circuit Planter Area	Retain	Retain	-	-	-	-	-	
139	6101	TW1033	大葉合歡	Yan Oi Tong Circuit Planter Area	Retain	Retain	-	-	-	-	-	
140	6101	TW1034	假檳榔	Yan Oi Tong Circuit Planter Area	Retain	Retain	-	-	-	-	-	
141	6101	TW1035	假檳榔	Yan Oi Tong Circuit Planter Area	Retain	Retain	-	-	-	-	-	
142	6101	TW1036	假檳榔	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	2 August, 2010	7 August, 2010	Not Yet	Not Yet	
143	6101	TW1037	串錢柳	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	3 August, 2010	9 August, 2010	Not Yet	Not Yet	
144	6101	TW1038	洋紫荊	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	4 August, 2010	9 August, 2010	Not Yet	Not Yet	
145	6101	TW1039	串錢柳	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	3 August, 2010	9 August, 2010	Not Yet	Not Yet	
146	6101	TW1040	串錢柳	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	3 August, 2010	9 August, 2010	Not Yet	Not Yet	
147	6101	TW1041	串錢柳	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	3 August, 2010	9 August, 2010	Not Yet	Not Yet	
148	6101	TW1042	串錢柳	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	3 August, 2010	9 August, 2010	Not Yet	Not Yet	
149	6101	TW1043	串錢柳	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	3 August, 2010	9 August, 2010	Not Yet	Not Yet	
150	6101	TW1044	鳳凰木	Yan Oi Tong Circuit Planter Area	Retain	Retain	-	-	-	-	-	
151	6101	TW1045	鳳凰木	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	4 August, 2010	7 August, 2010	Not Yet	Not Yet	
152	6101	TW1046	洋紫荊	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
153	6101	TW1047	鳳凰木	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
154	6101	TW1048	鳳凰木	Yan Oi Tong Circuit Planter Area	Retain	Retain	-	-	-	-	-	
155	6101	TW1049	洋紫荊	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
156	6101	TW1050	假檳榔	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	2 August, 2010	7 August, 2010	Not Yet	Not Yet	
157	6101	TW1051	石栗	Yan Oi Tong Circuit Planter Area	Retain	Retain	-	-	-	-	-	
158	6101	TW1052	假檳榔	Yan Oi Tong Circuit Planter Area	Transplant	Transplant	N/A	2 August, 2010	7 August, 2010	Not Yet	Not Yet	
159	6101	TW1053	大葉桉	Yan Oi Tong Circuit Planter Area	Fell	Fell	5 August, 2010	-	-	-	-	
160	6101	TW1054	假檳榔	Yan Oi Tong Circuit Planter Area	Retain	Retain	-	-	-	-	-	
161	6101	TW1055	藍花楹	Yan Oi Tong Circuit Planter Area	Retain	Retain	-	-	-	-	-	
162	6101	TW1056	大葉桉	Yan Oi Tong Circuit Planter Area	Fell	Fell	5 August, 2010	-	-	-	-	
163	6101	TW1057	大葉桉	Yan Oi Tong Circuit Planter Area	Fell	Fell	5 August, 2010	-	-	-	-	
164	6101	TW1058	大葉桉	Yan Oi Tong Circuit Planter Area	Fell	Fell	4 August, 2010	-	-	-	-	
165	6101	TW1059	大葉桉	Yan Oi Tong Circuit Planter Area	Fell	Fell	4 August, 2010	-	-	-	-	
166	6101	TW1060	大葉合歡	Yan Oi Tong Circuit Planter Area	Retain	Retain	-	-	-	-	-	
167	6101	TW1061	石栗	Yan Oi Tong Circuit Planter Area	Retain	Retain	-	-	-	-	-	
168	6101	TW1062	石栗	Yan Oi Tong Circuit Planter Area	Retain	Retain	-	-	-	-	-	
169	6101	TW1063	-	Yan Oi Tong Circuit Planter Area	Remove	-	-	-	-	-	-	
170	6101	TW1065	石栗	Yan Oi Tong Circuit Planter Area	Retain	Retain	-	-	-	-	-	
171	6101	TW1066	石栗	Yan Oi Tong Circuit Planter Area	Retain	Retain	-	-	-	-	-	

Contract No. HY/2009/03

Upto : 8/31/2010

Design and Build of Traffic Improvements To Tuen Mun Road Town Centre Section

Numbers of Tree
Retain
140
Transplant
346
Fell
488
Remove
19

	Felling Status	Crown Pruning	1st Root Pruning	2nd Root Pruning	3rd Root Pruning
Unnamed					
Dead Tree (Removed)	**9 (On Ting E.)**				
In Progress	**396**	**151**	**188**	**248**	**307**
Completed	**92**	**195**	**158**	**98**	**39**
Total	**488**	**346**	**346**	**346**	**346**
Completed (%)	**19%**	**56%**	**46%**	**28%**	**11%**

Item	Drawing No.	Tree No.	Cinese Name	Location	Recommendation in Contract Document	Recommendation	Felling Status	Crown Pruning	1st Root Pruning	2nd Root Pruning	3rd Root Pruning	Remarks
172	6101	TW1067	石栗	Yan Oi Tong Circuit Planter Area	Retain	Retain	-	-	-	-	-	
173	6101	TW1068	石栗	Yan Oi Tong Circuit Planter Area	Retain	Retain	-	-	-	-	-	
174	6101	TW1069	鳳凰木	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	Not Yet	-	-	-	-	
175	6101	TW1070	-	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	-	Not Yet	-	-	-	-	
176	6101	TW1071	大葉合歡	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	Not Yet	-	-	-	-	
177	6101	TW1072	石栗	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	Not Yet	-	-	-	-	
178	6101	TW1073	-	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	-	Not Yet	-	-	-	-	
179	6101	TW1074	串錢柳	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	Not Yet	-	-	-	-	
180	6101	TW1075	串錢柳	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	Not Yet	-	-	-	-	
181	6101	TW1076	串錢柳	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	Not Yet	-	-	-	-	
182	6101	TW1077	雙翼豆	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	Not Yet	-	-	-	-	
183	6101	TW1078	串錢柳	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	Not Yet	-	-	-	-	
184	6101	TW1079	串錢柳	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	Not Yet	-	-	-	-	
185	6101	TW1080	串錢柳	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	Not Yet	-	-	-	-	
186	6101	TW1081	串錢柳	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	Not Yet	-	-	-	-	
187	6101	TW1082	大葉桉	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	Not Yet	-	-	-	-	
188	6101	TW1083	串錢柳	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	Not Yet	-	-	-	-	
189	6101	TW1084	洋紫荊	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	Not Yet	-	-	-	-	
190	6101	TW1085	-	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	-	Not Yet	-	-	-	-	
191	6101	TW1086	大葉桉	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	Not Yet	-	-	-	-	
192	6101	TW1087	洋紫荊	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	Not Yet	-	-	-	-	
193	6101	TW1088	大葉桉	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	Not Yet	-	-	-	-	
194	6101	TW1089	大葉合歡	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	Not Yet	-	-	-	-	
195	6101	TW1090	大葉合歡	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	Not Yet	-	-	-	-	
196	6101	TW1091	銀合歡	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	Not Yet	-	-	-	-	
197	6101	TW1092	大葉桉	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	Not Yet	-	-	-	-	
198	6101	TW1093	大葉桉	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	Not Yet	-	-	-	-	
199	6101	TW1094	大葉桉	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	Not Yet	-	-	-	-	
200	6101	TW1095	大葉桉	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	Not Yet	-	-	-	-	
201	6101	TW1096	-	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	-	Not Yet	-	-	-	-	
202	6101	TW1097	大葉桉	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	Not Yet	-	-	-	-	
203	6101	TW1098	大葉桉	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	Not Yet	-	-	-	-	
204	6101	TW1099	大葉桉	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	Not Yet	-	-	-	-	
989	6109	TW1100	銀合歡	Castle Peak Road near Site Office	Remove	Remove	Jun-10	-	-	-	-	
990	6109	TW1101	銀合歡	Castle Peak Road near Site Office	Remove	Remove	Jun-10	-	-	-	-	
991	6109	TW1102	銀合歡	Castle Peak Road near Site Office	Remove	Remove	Jun-10	-	-	-	-	
992	6109	TW1103	銀合歡	Castle Peak Road near Site Office	Remove	Remove	Jun-10	-	-	-	-	
993	6109	TW1104	銀合歡	Castle Peak Road near Site Office	Remove	Remove	Jun-10	-	-	-	-	
994	6109	TW1105	銀合歡	Castle Peak Road near Site Office	Remove	Remove	Jun-10	-	-	-	-	
995	6109	TW1106	銀合歡	Castle Peak Road near Site Office	Remove	Remove	Jun-10	-	-	-	-	
996	6109	TW1107	銀合歡	Castle Peak Road near Site Office	Remove	Remove	Jun-10	-	-	-	-	
997	6109	TW1108	銀合歡	Castle Peak Road near Site Office	Remove	Remove	Jun-10	-	-	-	-	
658	6105	TW1143	雙翼豆	Tsing Sin Playground	Transplant	Transplant	N/A	25 August, 2010	Not Yet	Not Yet	Not Yet	
659	6105	TW1144	-	Tsing Sin Playground	Missing		-	-	-	-	-	
660	6105	TW1145	雙翼豆	Tsing Sin Playground	Transplant	Transplant	N/A	25 August, 2010	Not Yet	Not Yet	Not Yet	
661	6105	TW1146	雙翼豆	Tsing Sin Playground	Transplant	Transplant	N/A	25 August, 2010	Not Yet	Not Yet	Not Yet	
662	6105	TW1147	-	Tsing Sin Playground	Missing		-	-	-	-	-	
663	6105	TW1148	大花紫薇	Tsing Sin Playground	Transplant	Transplant	N/A	17 August, 2010	17 August, 2010	Not Yet	Not Yet	
664	6105	TW1149	大花紫薇	Tsing Sin Playground	Transplant	Transplant	N/A	17 August, 2010	17 August, 2010	Not Yet	Not Yet	
665	6105	TW1150	大花紫薇	Tsing Sin Playground	Transplant	Transplant	N/A	17 August, 2010	17 August, 2010	Not Yet	Not Yet	
666	6105	TW1151	大花紫薇	Tsing Sin Playground	Transplant	Transplant	N/A	17 August, 2010	17 August, 2010	Not Yet	Not Yet	
667	6105	TW1152	大花紫薇	Tsing Sin Playground	Transplant	Transplant	N/A	17 August, 2010	17 August, 2010	Not Yet	Not Yet	
668	6105	TW1153	大花紫薇	Tsing Sin Playground	Transplant	Transplant	N/A	17 August, 2010	17 August, 2010	Not Yet	Not Yet	
669	6105	TW1154	細葉榕	Tsing Sin Playground	Retain		-	-	-	-	-	
670	6105	TW1155	細葉榕	Tsing Sin Playground	Retain		-	-	-	-	-	
671	6105	TW1156	細葉榕	Tsing Sin Playground	Retain		-	-	-	-	-	
672	6105	TW1157	細葉榕	Tsing Sin Playground	Retain		-	-	-	-	-	
673	6105	TW1158	馬拉巴栗	Tsing Hoi Circuit near RCP	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
674	6105	TW1161	血桐	Tsing Hoi Circuit near RCP	Fell	Fell	21 August, 2010	-	-	-	-	
675	6105	TW1162	黃花夾竹桃	Tsing Hoi Circuit near RCP	Fell	Fell	21 August, 2010	-	-	-	-	
676	6105	TW1163	黃花夾竹桃	Tsing Hoi Circuit near RCP	Fell	Fell	21 August, 2010	-	-	-	-	
677	6105	TW1164	黃花夾竹桃	Tsing Hoi Circuit near RCP	Fell	Fell	21 August, 2010	-	-	-	-	
678	6105	TW1165	銀合歡	Tsing Hoi Circuit near RCP	Remove	Remove	-	-	-	-	-	
941	6108	TW1166	白千層	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
942	6108	TW1167	白千層	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
943	6108	TW1168	白千層	Castle Peak Road J/O Fu Fat Lane	Fell	Fell	Not Yet	-	-	-	-	
944	6108	TW1169	白千層	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
945	6108	TW1170	白千層	Castle Peak Road J/O Fu Fat Lane	Fell	Fell	Not Yet	-	-	-	-	
946	6108	TW1171	串錢柳	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
947	6108	TW1172	宮粉羊蹄甲	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
948	6108	TW1173	宮粉羊蹄甲	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
949	6108	TW1174	木麻黃	Castle Peak Road J/O Fu Fat Lane	Fell	Fell	Not Yet	-	-	-	-	
950	6108	TW1182	木麻黃	Castle Peak Road J/O Fu Fat Lane	Retain	Retain	-	-	-	-	-	
951	6108	TW1183	南洋杉	Castle Peak Road J/O Fu Fat Lane	Retain	Retain	-	-	-	-	-	

Contract No. HY/2009/03

Upto : 8/31/2010

Design and Build of Traffic Improvements To Tuen Mun Road Town Centre Section

Numbers of Tree
Retain
140
Transplant
346
Fell
488
Remove
19

	Felling Status	Crown Pruning	1st Root Pruning	2nd Root Pruning	3rd Root Pruning
Unnamed					
Dead Tree (Removed)	**9 (On Ting E.)**				
In Progress	**396**	**151**	**188**	**248**	**307**
Completed	**92**	**195**	**158**	**98**	**39**
Total	**488**	**346**	**346**	**346**	**346**
Completed (%)	**19%**	**56%**	**46%**	**28%**	**11%**

Item	Drawing No.	Tree No.	Cinese Name	Location	Recommendation in Contract Document	Recommendation	Felling Status	Crown Pruning	1st Root Pruning	2nd Root Pruning	3rd Root Pruning	Remarks
952	6108	TW1185	南洋杉	Castle Peak Road J/O Fu Fat Lane	Retain	Retain	-	-	-	-	-	
953	6108	TW1186	南洋杉	Castle Peak Road J/O Fu Fat Lane	Retain	Retain	-	-	-	-	-	
954	6108	TW1187	木麻黃	Castle Peak Road J/O Fu Fat Lane	Fell	Fell	Not Yet	-	-	-	-	
955	6108	TW1190	串錢柳	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
956	6108	TW1191	串錢柳	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
957	6108	TW1192	白千層	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
958	6108	TW1193	串錢柳	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
959	6108	TW1194	白千層	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
960	6108	TW1195	白千層	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
961	6108	TW1196	白千層	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
599	6104	TW1200	木棉	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	Not Yet	-	-	-	-	
600	6104	TW1201	宮粉羊蹄甲	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	Not Yet	-	-	-	-	
601	6104	TW1202	黃槿	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	Not Yet	-	-	-	-	
602	6104	TW1203	黃槿	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	Not Yet	-	-	-	-	
603	6104	TW1204	-	Tsing Hoi Circuit near Tsing Wu Square	Fell	-	Not Yet	-	-	-	-	
604	6104	TW1205	木棉	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	Not Yet	-	-	-	-	
605	6104	TW1206	黃槿	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	Not Yet	-	-	-	-	
606	6104	TW1207	石栗	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	Not Yet	-	-	-	-	
607	6104	TW1208	楓香	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	Not Yet	-	-	-	-	
608	6104	TW1209	黃槿	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	Not Yet	-	-	-	-	
609	6104	TW1210	石栗	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	Not Yet	-	-	-	-	
610	6104	TW1211	鳳凰木	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	Not Yet	-	-	-	-	
611	6104	TW1212	石栗	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	Not Yet	-	-	-	-	
612	6104	TW1213	黃槿	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	Not Yet	-	-	-	-	
613	6104	TW1214	木棉	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	Not Yet	-	-	-	-	
614	6104	TW1215	宮粉羊蹄甲	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	Not Yet	-	-	-	-	
615	6104	TW1216	木棉	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	Not Yet	-	-	-	-	
616	6104	TW1217	石栗	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	Not Yet	-	-	-	-	
617	6104	TW1218	木棉	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	Not Yet	-	-	-	-	
618	6104	TW1219	宮粉羊蹄甲	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	Not Yet	-	-	-	-	
619	6104	TW1220	木棉	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	Not Yet	-	-	-	-	
620	6104	TW1221	石栗	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	Not Yet	-	-	-	-	
621	6104	TW1222	黃槿	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	Not Yet	-	-	-	-	
622	6104	TW1223	石栗	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	Not Yet	-	-	-	-	
623	6104	TW1224	木棉	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	Not Yet	-	-	-	-	
624	6104	TW1225	石栗	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	Not Yet	-	-	-	-	
625	6104	TW1226	宮粉羊蹄甲	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	Not Yet	-	-	-	-	
626	6104	TW1227	宮粉羊蹄甲	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	Not Yet	-	-	-	-	
627	6104	TW1228	木棉	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	Not Yet	-	-	-	-	
628	6104	TW1229	宮粉羊蹄甲	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	Not Yet	-	-	-	-	
629	6104	TW1230	石栗	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	Not Yet	-	-	-	-	
630	6104	TW1231	黃槿	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	Not Yet	-	-	-	-	
631	6104	TW1232	石栗	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	Not Yet	-	-	-	-	
632	6104	TW1233	石栗	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	Not Yet	-	-	-	-	
633	6104	TW1234	黃槿	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	Not Yet	-	-	-	-	
634	6104	TW1235	木棉	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	Not Yet	-	-	-	-	
635	6104	TW1236	石栗	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	Not Yet	-	-	-	-	
636	6104	TW1237	大葉合歡	Tuen Hing Road to TMR near Tsing Hoi Playground	Transplant	Transplant	N/A	9 August, 2010	Not Yet	Not Yet	Not Yet	
637	6104	TW1238	大葉合歡	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	Fell	10 August, 2010	-	-	-	-	
638	6104	TW1239	石栗	Tuen Hing Road to TMR near Tsing Hoi Playground	Transplant	Transplant	N/A	9 August, 2010	Not Yet	Not Yet	Not Yet	
639	6104	TW1240	石栗	Tuen Hing Road to TMR near Tsing Hoi Playground	Transplant	Transplant	N/A	9 August, 2010	Not Yet	Not Yet	Not Yet	
640	6104	TW1241	石栗	Tuen Hing Road to TMR near Tsing Hoi Playground	Transplant	Transplant	N/A	9 August, 2010	Not Yet	Not Yet	Not Yet	
641	6104	TW1242	石栗	Tuen Hing Road to TMR near Tsing Hoi Playground	Transplant	Transplant	N/A	9 August, 2010	Not Yet	Not Yet	Not Yet	
642	6104	TW1243	石栗	Tuen Hing Road to TMR near Tsing Hoi Playground	Transplant	Transplant	N/A	9 August, 2010	Not Yet	Not Yet	Not Yet	
643	6104	TW1244	石栗	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	-	-	-	-	
447	6103	TW1245	石栗	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	-	-	-	-	
448	6103	TW1248	石栗	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	-	-	-	-	
449	6103	TW1249	石栗	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	-	-	-	-	
450	6103	TW1250	石栗	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	-	-	-	-	
451	6103	TW1251	石栗	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	-	-	-	-	
452	6103	TW1257	宮粉羊蹄甲	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	-	-	-	-	
453	6103	TW1258	-	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	-	Not Yet	-	-	-	-	
454	6103	TW1259	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	-	-	-	-	
455	6103	TW1260	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	-	-	-	-	
456	6103	TW1261	大葉合歡	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	-	-	-	-	
457	6103	TW1262	大葉合歡	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	-	-	-	-	
458	6103	TW1263	大葉合歡	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	-	-	-	-	
459	6103	TW1264	大葉合歡	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	-	-	-	-	
460	6103	TW1265	大葉合歡	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	-	-	-	-	
461	6103	TW1266	大葉合歡	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	Fell	25 August, 2010	-	-	-	-	
462	6103	TW1267	-	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	-	Not Yet	-	-	-	-	
463	6103	TW1268	-	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	-	Not Yet	-	-	-	-	
464	6103	TW1269	-	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	-	Not Yet	-	-	-	-	
465	6103	TW1270	大葉合歡	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	Fell	25 August, 2010	-	-	-	-	

Contract No. HY/2009/03

Upto : 8/31/2010

Design and Build of Traffic Improvements To Tuen Mun Road Town Centre Section

Numbers of Tree
Retain
140
Transplant
346
Fell
488
Remove
19

	Felling Status	Crown Pruning	1st Root Pruning	2nd Root Pruning	3rd Root Pruning
Unnamed					
Dead Tree (Removed)	**9 (On Ting E.)**				
In Progress	**396**	**151**	**188**	**248**	**307**
Completed	**92**	**195**	**158**	**98**	**39**
Total	**488**	**346**	**346**	**346**	**346**
Completed (%)	**19%**	**56%**	**46%**	**28%**	**11%**

Item	Drawing No.	Tree No.	Cinese Name	Location	Recommendation in Contract Document	Recommendation	Felling Status	Crown Pruning	1st Root Pruning	2nd Root Pruning	3rd Root Pruning	Remarks
466	6103	TW1271	大葉合歡	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	Fell	23 August, 2010	-	-	-	-	
467	6103	TW1272	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	Fell	23 August, 2010	-	-	-	-	
468	6103	TW1273	大葉合歡	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	Fell	19 August, 2010	-	-	-	-	
469	6103	TW1274	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	Fell	23 August, 2010	-	-	-	-	
470	6103	TW1275	大葉合歡	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	Fell	25 August, 2010	-	-	-	-	
471	6103	TW1276	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	Fell	19 August, 2010	-	-	-	-	
472	6103	TW1277	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	Fell	19 August, 2010	-	-	-	-	
473	6103	TW1278	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	Fell	19 August, 2010	-	-	-	-	
474	6103	TW1279	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	Fell	Not Yet	-	-	-	-	
475	6103	TW1280	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	Fell	25 August, 2010	-	-	-	-	
476	6103	TW1281	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	Fell	Not Yet	-	-	-	-	
477	6103	TW1282	-	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	-	Not Yet	-	-	-	-	
478	6103	TW1283	-	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	-	Not Yet	-	-	-	-	
479	6103	TW1284	-	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	-	Not Yet	-	-	-	-	
480	6103	TW1285	朴樹	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	Fell	25 August, 2010	-	-	-	-	
481	6103	TW1286	-	Tuen Hing Road to TMR near Tsing Hoi Playground	Remove	-	-	-	-	-	-	
482	6103	TW1287	-	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	-	Not Yet	-	-	-	-	
483	6103	TW1288	-	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	-	Not Yet	-	-	-	-	
484	6103	TW1289	-	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	-	Not Yet	-	-	-	-	
485	6103	TW1290	-	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	-	Not Yet	-	-	-	-	
486	6103	TW1291	-	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	-	Not Yet	-	-	-	-	
487	6103	TW1292	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	Fell	Not Yet	-	-	-	-	
488	6103	TW1293	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	Fell	Not Yet	-	-	-	-	
489	6103	TW1294	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	Fell	Not Yet	-	-	-	-	
490	6103	TW1295	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	Fell	Not Yet	-	-	-	-	
491	6103	TW1296	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	-	-	-	-	
492	6103	TW1297	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	-	-	-	-	
493	6103	TW1298	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	-	-	-	-	
494	6103	TW1299	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	-	-	-	-	
495	6103	TW1300	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	-	-	-	-	
496	6103	TW1301	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	-	-	-	-	
497	6103	TW1302	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	-	-	-	-	
644	6104	TW1303	宮粉羊蹄甲	Tsing Wu Square Footpath	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
645	6104	TW1304	洋紫荊	Tsing Wu Square Footpath	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
646	6104	TW1305	宮粉羊蹄甲	Tsing Wu Square Footpath	Missing		-	-	-	-	-	
647	6104	TW1306	宮粉羊蹄甲	Tsing Wu Square Footpath	Transplant	Transplant	N/A	25 August, 2010	Not Yet	Not Yet	Not Yet	
648	6104	TW1307	宮粉羊蹄甲	Tsing Wu Square Footpath	Transplant	Transplant	N/A	25 August, 2010	Not Yet	Not Yet	Not Yet	
649	6104	TW1308	宮粉羊蹄甲	Tsing Wu Square Footpath	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
932	6107	TW1309	白千層	Castle Peak Road J/O Tuen Hing Road	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
933	6107	TW1310	白千層	Castle Peak Road J/O Tuen Hing Road	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
934	6107	TW1311	白千層	Castle Peak Road J/O Tuen Hing Road	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
935	6107	TW1312	白千層	Castle Peak Road J/O Tuen Hing Road	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
936	6107	TW1313	朴樹	Castle Peak Road J/O Tuen Hing Road	Retain	Retain	-	-	-	-	-	
937	6107	TW1315	朴樹	Castle Peak Road J/O Tuen Hing Road	Retain		-	-	-	-	-	
938	6107	TW1316	檸檬桉	Castle Peak Road J/O Tuen Hing Road	Retain	Retain	-	-	-	-	-	
939	6107	TW1340	鳳凰木	Castle Peak Road J/O Tuen Hing Road	Retain	Retain	-	-	-	-	-	
940	6107	TW1341	鳳凰木	Castle Peak Road J/O Tuen Hing Road	Retain	Retain	-	-	-	-	-	
498	6103	TW1369	白千層	Tuen Fat Road to Tuen Mun Road near Tuen Lee Street	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
499	6103	TW1370	白千層	Tuen Fat Road to Tuen Mun Road near Tuen Lee Street	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
500	6103	TW1371	台灣相思	Tuen Fat Road to Tuen Mun Road near Tuen Lee Street	Fell	Fell	27 August, 2010	-	-	-	-	
501	6103	TW1372	台灣相思	Tuen Fat Road to Tuen Mun Road near Tuen Lee Street	Fell	Fell	Not Yet	-	-	-	-	
502	6103	TW1373	宮粉羊蹄甲	Tuen Fat Road to Tuen Mun Road near Tuen Lee Street	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
503	6103	TW1374	台灣相思	Tuen Fat Road to Tuen Mun Road near Tuen Lee Street	Fell	Fell	27 August, 2010	-	-	-	-	
504	6103	TW1381	白千層	Tuen Fat Road to Tuen Mun Road near Tuen Lee Street	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
505	6103	TW1382	白千層	Tuen Fat Road to Tuen Mun Road near Tuen Lee Street	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
506	6103	TW1383	白千層	Tuen Fat Road to Tuen Mun Road near Tuen Lee Street	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
507	6103	TW1384	白千層	Tuen Fat Road to Tuen Mun Road near Tuen Lee Street	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
508	6103	TW1385	白千層	Tuen Fat Road to Tuen Mun Road near Tuen Lee Street	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
509	6103	TW1386	白千層	Tuen Fat Road to Tuen Mun Road near Tuen Lee Street	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
510	6103	TW1387	白千層	Tuen Fat Road to Tuen Mun Road near Tuen Lee Street	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
304	6102	TW1414	石栗	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
305	6102	TW1415	石栗	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
306	6102	TW1416	串錢柳	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
307	6102	TW1417	串錢柳	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
308	6102	TW1418	串錢柳	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
309	6102	TW1419	石栗	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
310	6102	TW1420	鳳凰木	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
311	6102	TW1421	石栗	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	Not Yet	-	-	-	-	
312	6102	TW1422	串錢柳	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
313	6102	TW1423	串錢柳	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	Not Yet	-	-	-	-	
205	6101	TW1425	石栗	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
206	6101	TW1426	石栗	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
207	6101	TW1427	石栗	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
208	6101	TW1428	鳳凰木	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	

Contract No. HY/2009/03

Upto : 8/31/2010

Design and Build of Traffic Improvements To Tuen Mun Road Town Centre Section

Numbers of Tree
Retain
140
Transplant
346
Fell
488
Remove
19

	Felling Status	Crown Pruning	1st Root Pruning	2nd Root Pruning	3rd Root Pruning
Unnamed					
Dead Tree (Removed)	**9 (On Ting E.)**				
In Progress	**396**	**151**	**188**	**248**	**307**
Completed	**92**	**195**	**158**	**98**	**39**
Total	**488**	**346**	**346**	**346**	**346**
Completed (%)	**19%**	**56%**	**46%**	**28%**	**11%**

Item	Drawing No.	Tree No.	Cinese Name	Location	Recommendation in Contract Document	Recommendation	Felling Status	Crown Pruning	1st Root Pruning	2nd Root Pruning	3rd Root Pruning	Remarks
209	6101	TW1429	藍花楹	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
210	6101	TW1430	串錢柳	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
211	6101	TW1431	串錢柳	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
212	6101	TW1432	大葉桉	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	Not Yet	-	-	-	-	
213	6101	TW1433	大葉合歡	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	Not Yet	-	-	-	-	
214	6101	TW1434	石栗	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
215	6101	TW1435	大葉桉	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	Not Yet	-	-	-	-	
216	6101	TW1436	大葉桉	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	Not Yet	-	-	-	-	
217	6101	TW1437	大葉桉	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	Not Yet	-	-	-	-	
218	6101	TW1438	大葉桉	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	Not Yet	-	-	-	-	
219	6101	TW1439	-	Tuen Mun Road B Bound Slip Road to Pui To Road	Remove	-	-	-	-	-	-	
220	6101	TW1440	血桐	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
221	6101	TW1441	大葉合歡	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
222	6101	TW1442	石栗	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
223	6101	TW1443	蒲葵	Tuen Mun Road B Bound Slip Road to Pui To Road	Retain	Retain	-	-	-	-	-	
224	6101	TW1444	石栗	Tuen Mun Road B Bound Slip Road to Pui To Road	Retain	Retain	-	-	-	-	-	
225	6101	TW1445	假檳榔	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
226	6101	TW1446	假檳榔	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
227	6101	TW1447	假檳榔	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
228	6101	TW1448	假檳榔	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
229	6101	TW1449	大葉桉	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	Not Yet	-	-	-	-	
230	6101	TW1450	假檳榔	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
231	6101	TW1451	大葉桉	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	Not Yet	-	-	-	-	
232	6101	TW1452	假檳榔	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
233	6101	TW1453	假檳榔	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
234	6101	TW1456	-	Tuen Mun Road B Bound Slip Road to Pui To Road	Remove	-	-	-	-	-	-	
235	6101	TW1457	大葉桉	Yan Oi Tong Circuit Car Park	Fell	Fell	Not Yet	-	-	-	-	
236	6101	TW1458	大葉桉	Yan Oi Tong Circuit Car Park	Fell	Fell	Not Yet	-	-	-	-	
237	6101	TW1459	-	Yan Oi Tong Circuit Car Park	Fell	-	Not Yet	-	-	-	-	
238	6101	TW1460	石栗	Yan Oi Tong Circuit Car Park	Fell	Fell	Not Yet	-	-	-	-	
239	6101	TW1461	石栗	Yan Oi Tong Circuit Car Park	Fell	Fell	Not Yet	-	-	-	-	
240	6101	TW1462	石栗	Yan Oi Tong Circuit Car Park	Fell	Fell	Not Yet	-	-	-	-	
241	6101	TW1466	白千層	Centre Median near San Tsing Street	Fell	Fell	Not Yet	-	-	-	-	
242	6101	TW1467	白千層	Centre Median near San Tsing Street	Fell	Fell	Not Yet	-	-	-	-	
243	6101	TW1468	白千層	Centre Median near San Tsing Street	Fell	Fell	Not Yet	-	-	-	-	
244	6101	TW1469	白千層	Centre Median near San Tsing Street	Fell	Fell	Not Yet	-	-	-	-	
245	6101	TW1470	白千層	Centre Median near San Tsing Street	Fell	Fell	Not Yet	-	-	-	-	
246	6101	TW1471	白千層	Centre Median near San Tsing Street	Fell	Fell	Not Yet	-	-	-	-	
247	6101	TW1472	白千層	Centre Median near San Tsing Street	Fell	Fell	Not Yet	-	-	-	-	
248	6101	TW1473	白千層	Centre Median near San Tsing Street	Retain	Retain	-	-	-	-	-	
249	6101	TW1474	白千層	San Tsing Street Car Park	Retain	Retain	-	-	-	-	-	
250	6101	TW1475	白千層	San Tsing Street Car Park	Retain	Retain	-	-	-	-	-	
251	6101	TW1476	白千層	San Tsing Street Car Park	Retain	Retain	-	-	-	-	-	
252	6101	TW1477	白千層	San Tsing Street Car Park	Retain	Retain	-	-	-	-	-	
253	6101	TW1478	白千層	San Tsing Street Car Park	Retain	Retain	-	-	-	-	-	
254	6101	TW1479	白千層	San Tsing Street Car Park	Retain	Retain	-	-	-	-	-	
255	6101	TW1480	黃花夾竹桃	San Tsing Street Car Park	Retain	Retain	-	-	-	-	-	
256	6101	TW1481	黃花夾竹桃	San Tsing Street Car Park	Retain	Retain	-	-	-	-	-	
257	6101	TW1482	黃花夾竹桃	San Tsing Street Car Park	Retain	Retain	-	-	-	-	-	
962	6108	TW1526	檸檬桉	Castle Peak Road J/O Fu Fat Lane	Fell	Fell	Not Yet	-	-	-	-	
963	6108	TW1527	檸檬桉	Castle Peak Road J/O Fu Fat Lane	Fell	Fell	Not Yet	-	-	-	-	
964	6108	TW1528	檸檬桉	Castle Peak Road J/O Fu Fat Lane	Fell	Fell	Not Yet	-	-	-	-	
965	6108	TW1529	白千層	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
966	6108	TW1530	白千層	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
967	6108	TW1531	白千層	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
968	6108	TW1532	白千層	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
969	6108	TW1533	白千層	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
970	6108	TW1534	檸檬桉	Castle Peak Road J/O Fu Fat Lane	Fell	Fell	Not Yet	-	-	-	-	
971	6108	TW1535	石栗	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
972	6108	TW1536	白千層	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
973	6108	TW1537	木棉	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
974	6108	TW1538	洋紫荊	Castle Peak Road near Fu Fat Lane Footpath	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
975	6108	TW1539	宮粉羊蹄甲	Castle Peak Road near Fu Fat Lane Footpath	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
976	6108	TW1540	宮粉羊蹄甲	Castle Peak Road near Fu Fat Lane Footpath	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
977	6108	TW1541	洋紫荊	Castle Peak Road near Fu Fat Lane Footpath	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
978	6108	TW1542	洋紫荊	Castle Peak Road near Fu Fat Lane Footpath	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
979	6108	TW1543	宮粉羊蹄甲	Castle Peak Road near Fu Fat Lane Footpath	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
980	6108	TW1544	宮粉羊蹄甲	Castle Peak Road near Fu Fat Lane Footpath	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
981	6108	TW1545	洋紫荊	Castle Peak Road near Fu Fat Lane Footpath	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
982	6108	TW1546	宮粉羊蹄甲	Castle Peak Road near Fu Fat Lane Footpath	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
983	6108	TW1547	宮粉羊蹄甲	Castle Peak Road near Fu Fat Lane Footpath	Transplant	Transplant	N/A	Not Yet	Not Yet	Not Yet	Not Yet	
984	6108	TW1548	白千層	Castle Peak Road near Fu Fat Lane Footpath	Fell	Fell	Not Yet	-	-	-	-	
985	6108	TW1549	木麻黃	Castle Peak Road near Fu Fat Lane Footpath	Fell	Fell	Not Yet	-	-	-	-	
986	6108	TW1550	木麻黃	Castle Peak Road near Fu Fat Lane Footpath	Fell	Fell	Not Yet	-	-	-	-	

Contract No. HY/2009/03

Upto : 8/31/2010

Design and Build of Traffic Improvements To Tuen Mun Road Town Centre Section

Numbers of Tree
Retain
140
Transplant
346
Fell
488
Remove
19

	Felling Status	Crown Pruning	1st Root Pruning	2nd Root Pruning	3rd Root Pruning
Unnamed					
Dead Tree (Removed)	**9 (On Ting E.)**				
In Progress	**396**	**151**	**188**	**248**	**307**
Completed	**92**	**195**	**158**	**98**	**39**
Total	**488**	**346**	**346**	**346**	**346**
Completed (%)	**19%**	**56%**	**46%**	**28%**	**11%**

Item	Drawing No.	Tree No.	Cinese Name	Location	Recommendation in Contract Document	Recommendation	Felling Status	Crown Pruning	1st Root Pruning	2nd Root Pruning	3rd Root Pruning	Remarks
987	6108	TW1551	木麻黃	Castle Peak Road near Fu Fat Lane Footpath	Fell	Fell	Not Yet	-	-	-	-	
988	6108	TW1552	木麻黃	Castle Peak Road near Fu Fat Lane Footpath	Fell	Fell	Not Yet	-	-	-	-	
679	6105	TW1553	串錢柳	Tsing Sin Playground	Transplant	Transplant	N/A	17 August, 2010	17 August, 2010	Not Yet	Not Yet	
680	6105	TW1554	串錢柳	Tsing Sin Playground	Transplant	Transplant	N/A	17 August, 2010	17 August, 2010	Not Yet	Not Yet	
681	6105	TW1555	串錢柳	Tsing Sin Playground	Transplant	Transplant	N/A	18 August, 2010	18 August, 2010	Not Yet	Not Yet	
682	6105	TW1556	串錢柳	Tsing Sin Playground	Transplant	Transplant	N/A	18 August, 2010	18 August, 2010	Not Yet	Not Yet	
683	6105	TW1557	串錢柳	Tsing Sin Playground	Transplant	Transplant	N/A	18 August, 2010	18 August, 2010	Not Yet	Not Yet	
684	6105	TW1558	串錢柳	Tsing Sin Playground	Transplant	Transplant	N/A	18 August, 2010	18 August, 2010	Not Yet	Not Yet	
685	6105	TW1559	串錢柳	Tsing Sin Playground	Transplant	Transplant	N/A	18 August, 2010	18 August, 2010	Not Yet	Not Yet	
686	6105	TW1560	串錢柳	Tsing Sin Playground	Transplant	Transplant	N/A	18 August, 2010	18 August, 2010	Not Yet	Not Yet	
687	6105	TW1561	串錢柳	Tsing Sin Playground	Transplant	Transplant	N/A	18 August, 2010	18 August, 2010	Not Yet	Not Yet	
688	6105	TW1562	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	4 August, 2010	4 August, 2010	4 August, 2010	25 August, 2010	Tranplanted
689	6105	TW1563	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	4 August, 2010	4 August, 2010	4 August, 2010	25 August, 2010	Tranplanted
690	6105	TW1564	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	4 August, 2010	4 August, 2010	4 August, 2010	25 August, 2010	Tranplanted
691	6105	TW1565	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	4 August, 2010	4 August, 2010	4 August, 2010	25 August, 2010	Tranplanted
692	6105	TW1566	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	4 August, 2010	4 August, 2010	4 August, 2010	24 August, 2010	Tranplanted
693	6105	TW1567	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	4 August, 2010	4 August, 2010	4 August, 2010	24 August, 2010	Tranplanted
694	6105	TW1568	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	4 August, 2010	4 August, 2010	4 August, 2010	24 August, 2010	Tranplanted
695	6105	TW1569	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	4 August, 2010	4 August, 2010	4 August, 2010	24 August, 2010	Tranplanted
696	6105	TW1570	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	4 August, 2010	4 August, 2010	4 August, 2010	25 August, 2010	Tranplanted
697	6105	TW1571	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	4 August, 2010	4 August, 2010	4 August, 2010	25 August, 2010	Tranplanted
698	6105	TW1572	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	4 August, 2010	4 August, 2010	4 August, 2010	25 August, 2010	Tranplanted
699	6105	TW1573	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	4 August, 2010	4 August, 2010	4 August, 2010	25 August, 2010	Tranplanted
700	6105	TW1574	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	4 August, 2010	4 August, 2010	4 August, 2010	26 August, 2010	Tranplanted
701	6105	TW1575	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	4 August, 2010	4 August, 2010	4 August, 2010	26 August, 2010	Tranplanted
702	6105	TW1576	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	4 August, 2010	4 August, 2010	4 August, 2010	26 August, 2010	Tranplanted
703	6105	TW1577	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	4 August, 2010	4 August, 2010	4 August, 2010	26 August, 2010	Tranplanted
704	6105	TW1578	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	4 August, 2010	4 August, 2010	4 August, 2010	26 August, 2010	Tranplanted
705	6105	TW1579	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	4 August, 2010	4 August, 2010	4 August, 2010	26 August, 2010	Tranplanted
706	6105	TW1580	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	4 August, 2010	4 August, 2010	4 August, 2010	26 August, 2010	Tranplanted
707	6105	TW1581	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	5 August, 2010	5 August, 2010	5 August, 2010	26 August, 2010	Tranplanted
708	6105	TW1582	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	5 August, 2010	5 August, 2010	5 August, 2010	26 August, 2010	Tranplanted
709	6105	TW1583	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	5 August, 2010	5 August, 2010	5 August, 2010	26 August, 2010	Tranplanted
710	6105	TW1584	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	5 August, 2010	5 August, 2010	5 August, 2010	26 August, 2010	Tranplanted
711	6105	TW1585	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	5 August, 2010	5 August, 2010	5 August, 2010	26 August, 2010	Tranplanted
712	6105	TW1586	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	5 August, 2010	5 August, 2010	5 August, 2010	26 August, 2010	Tranplanted
713	6105	TW1587	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	5 August, 2010	5 August, 2010	5 August, 2010	26 August, 2010	Tranplanted
714	6105	TW1588	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	5 August, 2010	5 August, 2010	5 August, 2010	26 August, 2010	Tranplanted
715	6105	TW1589	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	5 August, 2010	5 August, 2010	5 August, 2010	26 August, 2010	Tranplanted
716	6105	TW1590	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	5 August, 2010	5 August, 2010	5 August, 2010	26 August, 2010	Tranplanted
717	6105	TW1591	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	5 August, 2010	5 August, 2010	5 August, 2010	26 August, 2010	Tranplanted
718	6105	TW1592	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	5 August, 2010	5 August, 2010	5 August, 2010	26 August, 2010	Tranplanted
719	6105	TW1593	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	5 August, 2010	5 August, 2010	5 August, 2010	26 August, 2010	Tranplanted
720	6105	TW1594	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	5 August, 2010	5 August, 2010	5 August, 2010	27 August, 2010	Tranplanted
721	6105	TW1595	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	5 August, 2010	5 August, 2010	5 August, 2010	27 August, 2010	Tranplanted
722	6105	TW1596	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	5 August, 2010	5 August, 2010	5 August, 2010	27 August, 2010	Tranplanted
723	6105	TW1597	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	5 August, 2010	5 August, 2010	5 August, 2010	27 August, 2010	Tranplanted
724	6105	TW1598	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	5 August, 2010	5 August, 2010	5 August, 2010	27 August, 2010	Tranplanted
725	6105	TW1599	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	5 August, 2010	5 August, 2010	5 August, 2010	27 August, 2010	Tranplanted
726	6105	TW1600	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	5 August, 2010	5 August, 2010	5 August, 2010	27 August, 2010	Tranplanted
727	6105	TW1601	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	2 August, 2010	2 August, 2010	2 August, 2010	Not Yet	
728	6105	TW1602	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	2 August, 2010	2 August, 2010	2 August, 2010	Not Yet	
729	6105	TW1603	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	2 August, 2010	2 August, 2010	2 August, 2010	Not Yet	
730	6105	TW1604	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	2 August, 2010	2 August, 2010	2 August, 2010	Not Yet	
731	6105	TW1605	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	2 August, 2010	2 August, 2010	2 August, 2010	Not Yet	
732	6105	TW1606	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	2 August, 2010	2 August, 2010	2 August, 2010	Not Yet	
733	6105	TW1607	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	2 August, 2010	2 August, 2010	2 August, 2010	Not Yet	
734	6105	TW1608	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	2 August, 2010	2 August, 2010	2 August, 2010	Not Yet	
735	6105	TW1609	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	2 August, 2010	2 August, 2010	2 August, 2010	Not Yet	
736	6105	TW1610	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	2 August, 2010	2 August, 2010	2 August, 2010	Not Yet	
737	6105	TW1611	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	2 August, 2010	2 August, 2010	2 August, 2010	Not Yet	
738	6105	TW1612	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	2 August, 2010	2 August, 2010	2 August, 2010	Not Yet	
739	6105	TW1613	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	2 August, 2010	2 August, 2010	2 August, 2010	Not Yet	
740	6105	TW1614	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	2 August, 2010	2 August, 2010	2 August, 2010	Not Yet	
741	6105	TW1615	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	2 August, 2010	2 August, 2010	2 August, 2010	Not Yet	
742	6105	TW1616	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	2 August, 2010	2 August, 2010	2 August, 2010	Not Yet	
743	6105	TW1617	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	2 August, 2010	2 August, 2010	2 August, 2010	Not Yet	
744	6105	TW1618	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	2 August, 2010	2 August, 2010	2 August, 2010	Not Yet	
745	6105	TW1619	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	2 August, 2010	2 August, 2010	2 August, 2010	Not Yet	
746	6105	TW1620	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	2 August, 2010	2 August, 2010	2 August, 2010	Not Yet	
747	6105	TW1621	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	2 August, 2010	2 August, 2010	2 August, 2010	Not Yet	
748	6105	TW1622	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	2 August, 2010	2 August, 2010	2 August, 2010	Not Yet	
749	6105	TW1623	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	2 August, 2010	2 August, 2010	2 August, 2010	Not Yet	
750	6105	TW1624	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	2 August, 2010	2 August, 2010	2 August, 2010	Not Yet	

Contract No. HY/2009/03

Upto : 8/31/2010

Design and Build of Traffic Improvements To Tuen Mun Road Town Centre Section

Numbers of Tree
Retain
140
Transplant
346
Fell
488
Remove
19

	Felling Status	Crown Pruning	1st Root Pruning	2nd Root Pruning	3rd Root Pruning
Unnamed					
Dead Tree (Removed)	**9 (On Ting E.)**				
In Progress	**396**	**151**	**188**	**248**	**307**
Completed	**92**	**195**	**158**	**98**	**39**
Total	**488**	**346**	**346**	**346**	**346**
Completed (%)	**19%**	**56%**	**46%**	**28%**	**11%**

Item	Drawing No.	Tree No.	Cinese Name	Location	Recommendation in Contract Document	Recommendation	Felling Status	Crown Pruning	1st Root Pruning	2nd Root Pruning	3rd Root Pruning	Remarks
751	6105	TW1625	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	2 August, 2010	2 August, 2010	2 August, 2010	Not Yet	
752	6105	TW1626	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	2 August, 2010	2 August, 2010	2 August, 2010	Not Yet	
753	6105	TW1627	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	2 August, 2010	2 August, 2010	2 August, 2010	Not Yet	
754	6105	TW1628	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	2 August, 2010	2 August, 2010	2 August, 2010	Not Yet	
755	6105	TW1629	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	2 August, 2010	2 August, 2010	2 August, 2010	Not Yet	
756	6105	TW1630	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	2 August, 2010	2 August, 2010	2 August, 2010	Not Yet	
757	6105	TW1631	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	2 August, 2010	2 August, 2010	2 August, 2010	Not Yet	
758	6105	TW1632	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	2 August, 2010	2 August, 2010	2 August, 2010	Not Yet	
759	6105	TW1633	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	3 August, 2010	3 August, 2010	3 August, 2010	Not Yet	
760	6105	TW1634	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	3 August, 2010	3 August, 2010	3 August, 2010	Not Yet	
761	6105	TW1635	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	3 August, 2010	3 August, 2010	3 August, 2010	Not Yet	
762	6105	TW1636	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	3 August, 2010	3 August, 2010	3 August, 2010	Not Yet	
763	6105	TW1637	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	3 August, 2010	3 August, 2010	3 August, 2010	Not Yet	
764	6105	TW1638	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	3 August, 2010	3 August, 2010	3 August, 2010	Not Yet	
765	6105	TW1639	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	3 August, 2010	3 August, 2010	3 August, 2010	Not Yet	
766	6105	TW1640	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	3 August, 2010	3 August, 2010	3 August, 2010	Not Yet	
767	6105	TW1641	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	3 August, 2010	3 August, 2010	3 August, 2010	Not Yet	
768	6105	TW1642	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	3 August, 2010	3 August, 2010	3 August, 2010	Not Yet	
769	6105	TW1643	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	3 August, 2010	3 August, 2010	3 August, 2010	Not Yet	
770	6105	TW1644	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	3 August, 2010	3 August, 2010	3 August, 2010	Not Yet	
771	6105	TW1645	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	3 August, 2010	3 August, 2010	3 August, 2010	Not Yet	
772	6105	TW1646	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	3 August, 2010	3 August, 2010	3 August, 2010	Not Yet	
773	6105	TW1647	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	3 August, 2010	3 August, 2010	3 August, 2010	Not Yet	
774	6105	TW1648	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	3 August, 2010	3 August, 2010	3 August, 2010	Not Yet	
775	6105	TW1649	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	3 August, 2010	3 August, 2010	3 August, 2010	Not Yet	
776	6105	TW1650	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	3 August, 2010	3 August, 2010	3 August, 2010	Not Yet	
777	6105	TW1651	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	3 August, 2010	3 August, 2010	3 August, 2010	Not Yet	
778	6105	TW1652	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	3 August, 2010	3 August, 2010	3 August, 2010	Not Yet	
779	6105	TW1653	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	3 August, 2010	3 August, 2010	3 August, 2010	Not Yet	
780	6105	TW1654	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	3 August, 2010	3 August, 2010	3 August, 2010	Not Yet	
781	6105	TW1655	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	3 August, 2010	3 August, 2010	3 August, 2010	Not Yet	
782	6105	TW1656	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	3 August, 2010	3 August, 2010	3 August, 2010	Not Yet	
783	6105	TW1657	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	3 August, 2010	3 August, 2010	3 August, 2010	Not Yet	
784	6105	TW1658	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	3 August, 2010	3 August, 2010	3 August, 2010	Not Yet	
785	6105	TW1659	散尾葵	Tsing Sin Playground	Transplant	Transplant	N/A	3 August, 2010	3 August, 2010	3 August, 2010	Not Yet	

Appendix K

Monthly Summary
Waste Flow Table

Monthly Summary of Waste Flow Table for 2010 (year)

Name of Person completing the Record: Marko Chan

Month	Actual Quantities of Inert C&D Materials Generated Monthly					Actual Quantities of Non-inert C&D Wastes Generated Monthly				
	Total Quantity Generated	Broken Concrete *(see Note 1)*	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Metals	Paper/ cardboard packaging	Plastics *(see Note 2)*	Chemical Waste	Others, e.g. general refuse
	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000m^3)	(in '000 Kg)	(in '000 Kg)	(in '000 Kg)	(in '000 Kg)	(in '000m^3)
Jan	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Feb	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Mar	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Apr	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
May	0.024375	Nil	Nil	Nil	0.024375	Nil	Nil	Nil	Nil	0.01950
Jun	0.151125	Nil	Nil	Nil	0.151125	Nil	Nil	Nil	Nil	0.04875
Sub-total	0.175500	0	0	0	0.175500	0	0	0	0	0.06825
Jul	Nil	Nil	Nil	Nil	Nil	Nil	0.4550	Nil	Nil	0.01950
Aug	0.043875	Nil	Nil	Nil	0.043875	Nil	Nil	Nil	Nil	0.02438
Sept										
Oct										
Nov										
Dec										
Total	0.219375	0	0	0	0.219375	0	0.4550	0	0	0.11213

Notes:

(1) Broken concrete for recycling into aggregates.

(2) Plastics refer to plastic bottles/containers, plastic sheets/foam from packaging material.

(3) Use the conversion factor: 1 full load of dumping truck being equivalent to 6.5m3 by volume.

Appendix L

Environmental Monitoring Programme for Coming Month

Agreement No. CE 22/2005 (HY) Traffic Improvement to Tuen Mun Road Town Centre Section
Tentative Impact Monitoring Schedule - September 2010 Revision 1

Date	Air Quality	Noise	Landscape & Visual	Site Inspection
	24-hours TSP	L_{Aeq}, 30 min		
1-Sep-10 Wed				
2-Sep-10 Thu				
3-Sep-10 Fri				
4-Sep-10 Sat				
5-Sep-10 Sun				
6-Sep-10 Mon				
7-Sep-10 Tue				
8-Sep-10 Wed				
9-Sep-10 Thu				
10-Sep-10 Fri				
11-Sep-10 Sat				
12-Sep-10 Sun				
13-Sep-10 Mon				
14-Sep-10 Tue				
15-Sep-10 Wed				SSEMC
16-Sep-10 Thu				
17-Sep-10 Fri				
18-Sep-10 Sat				
19-Sep-10 Sun				
20-Sep-10 Mon				
21-Sep-10 Tue				
22-Sep-10 Wed				
23-Sep-10 Thu				
24-Sep-10 Fri				
25-Sep-10 Sat				
26-Sep-10 Sun				
27-Sep-10 Mon				
28-Sep-10 Tue				
29-Sep-10 Wed				
30-Sep-10 Thu				

	Public Holiday
	Monitoring Day

Monitoring Details

Monitoring	Quantity	Locations	Parameters
Air Quality	6	Mrs.Aw Boon Haw Secondary School Tai Tung Pui Social Service Building Wu Siu Kui Primary School Choi Cheung Kok Secondary School Tuen Mun Town Hall Yan Oi Tong Community and Sport Centre	24-hour TSP, Wind speed / direction
Noise	6	Kam Fai Garden Tai Tung Pui Social Service Building Yuen Yuen Primary School Wu Siu Kui Primary School Tuen King Building Choi Cheung Kok Secondary School	$L_{Aeq(30\ min)}$, L_{10}, L_{90}