

Highways Department

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

Monthly Environmental
Monitoring and Audit
Report - April 2012

Final



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Executive Summary

This is the twenty-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 April 2012 (1 to 30 April 2012).

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

- Site clearance
- Footbridge construction;
- Noise barrier construction;
- Tree felling and transplanting;
- Temporary footbridge construction;
- Pilling works;
- Ground investigation; and
- Underground utilities and drainage diversion.

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

No limit level exceedance for noise measurement during non-restricted hours was recorded in the reporting month.

No Action Level exceedance of construction noise was recorded in the reporting month.

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.

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 5 and 19 April 2012.

In the reporting month, total 521 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 5.

The implementation and maintenance of landscape and visual 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 3,612.375 m³ were generated and disposed of at public fills at Tuen Mun Area 38 in the reporting month. 82.875 m³ 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/C), Chemical Waste Producer Registration (5213-324-G3597-01) and Construction Waste Billing Account (7010350);

5 numbers of Construction Noise Permits and 2 numbers of Wastewater Discharge License under WPCO (WT00007251-2010 and WT00008195-2011).

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 month.

Complaint Log

No environmental complaint was recorded 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 Environmental Status

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 Project was commenced on August 2010 and to be completed on 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/C) and the EM&A Manual of the Project.

1.2 Construction Programme

An up-to-date rolling construction programme is attached in **Appendix A**.

1.3 Work Undertaken During the Reporting Month

The major construction activities carried out by the Contractor in the reporting month are summarized in **Table 1.1**. Location of the works area is indicated in **Figure 1.1**. 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 and are shown in **Table 1.2**.

Table 1.1 Construction activities in the reporting month

Locations	Major Works Undertaken
All area	Site clearance, ground investigation, footbridge construction, noise barrier construction; pilling works, underground utilities and drainage diversion

Figure 1.1 Site plan of the Project

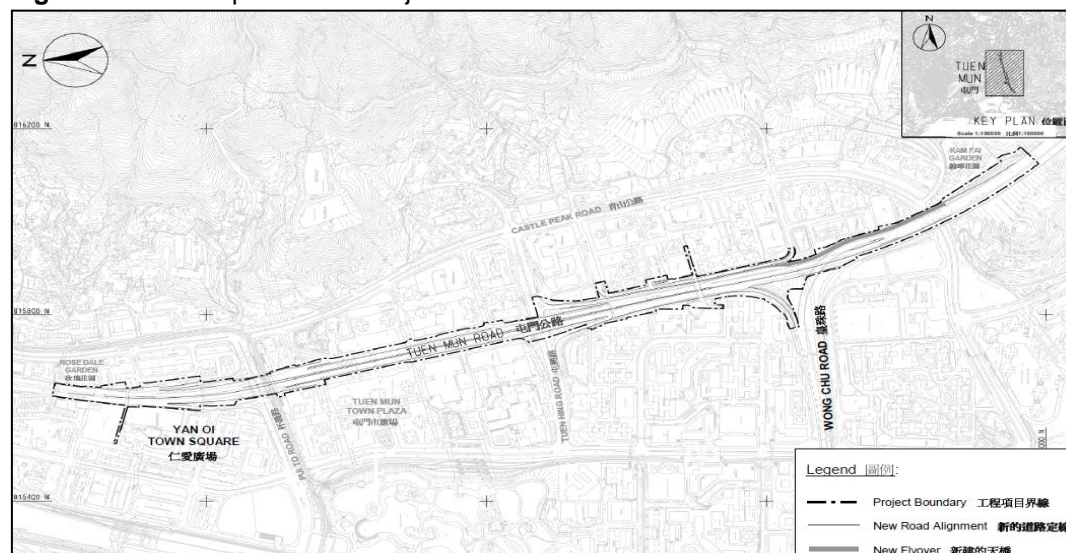


Figure 1.2 Project Organization – Environmental Management

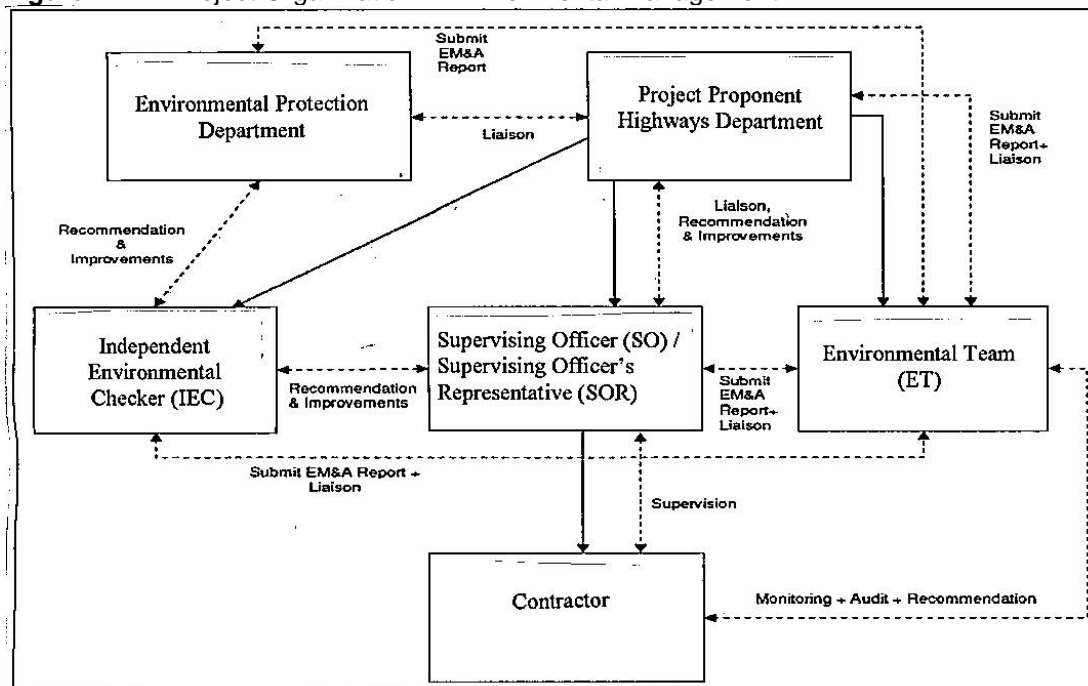


Table 1.2 Contacts of key environmental staff

Organization	Name	Telephone
Environmental Protection Department		
Environmental Protection Officer (Strategic Assessment)22	Thomas To	2835 1103
Project Proponent		
Highways Department: Senior Engineer	Kenneth Chan	2762 3422
Supervising Officer / Supervising Officer’s Representative		
AECOM Asia Co. Ltd.: Chief Resident Engineer	Patrick Lee	2969 9200
Independent Environmental Checker		
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	W.S. Ng	2403 0529
Environmental Officer	Marko Chan	2403 0527

1.4 Project Area, Sensitive Receivers and Environmental Monitoring locations

The Project area is shown in **Figure 1.1**, while **Table 1.3** and **Figure1.3** show the names and locations of the sensitive receivers and monitoring stations.

Table 1.3 Summary of air and noise monitoring stations

ID	Premise
Air	
AM1	Chung Sing Benevolent Society Mrs. Aw Boon Haw Secondary School

ID	Premise
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

1.5 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 month with respect to the construction programme is shown in **Appendix B**.

1.6 Status of Environmental Licensing and Permitting

All permits/licences inspected in the reporting month are summarised in **Table 1.4**. They are all properly kept by the contractor at their site office.

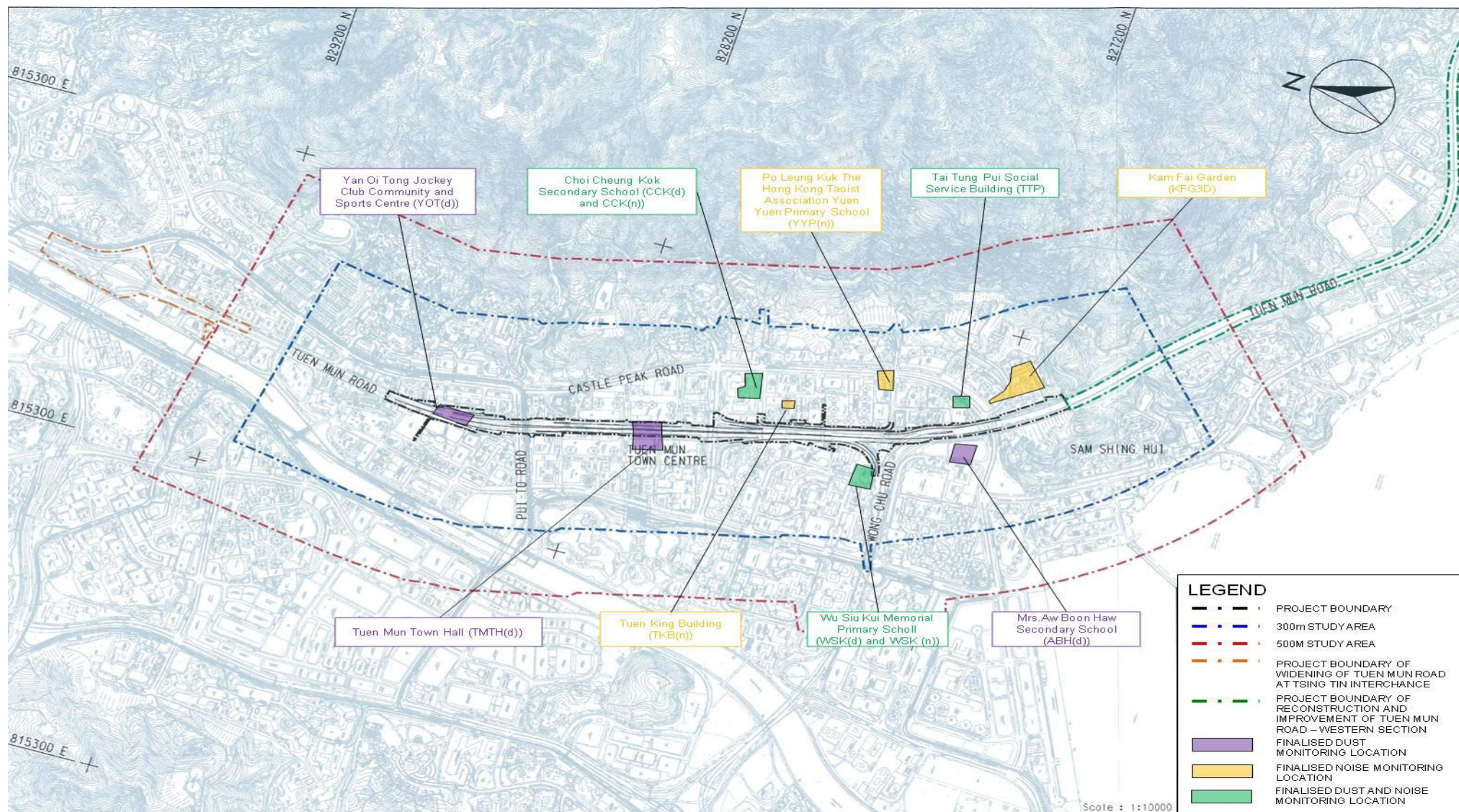
Table 1.4 Summary of environmental licensing status

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	Superseded
	EP-342/2009/B	14 Feb 11	Superseded
	EP-342/2009/C	29 Feb 12	N.A.
Discharge License under WPCO	WT00007251-2010	12 Aug 10	31 Aug 15
	WT00008195-2011	06 Jan 11	30 Sep 15
Notification of Construction Work under APCO	Ref.: 314528	25 Feb 2010	N/A
Construction Noise Permit	GW-RW0699-11	24 Oct 11	23 Apr 12
	GW-RW0772-11	22 Nov 11	19 May 12
	GW-RW0840-11	10 Dec 11	03 Jun 12
	GW-RW0188-12	22 Apr 12	07 May 12
	GW-RW0305-12	24 Apr 12	22 Oct 12
Chemical Waste Producer Registration	5213-424-C3597-01	26 Mar 10	N/A
Construction Waste Billing Account	7010350	25 Mar 10	N/A

1.7 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 twenty-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 1 to 30 April 2012.

Figure 1.3 Location of air and noise monitoring stations



2 Implementation Status

2.1 Implementation Status of Mitigation Measures

During weekly site inspections, the environmental protection, and pollution control/mitigation measures in accordance with the requirements stipulated in the EIA were observed. **Table 2.1** summarises the key observations and ET's corresponding recommendations while the Contractor's response and follow-up status are described in Section 7.1.

Table 2.1 Summary of the key observations and ET's recommendations

Location	Key Observations and Recommendations
Air Quality Mitigation Measures	
Pui To Road	The contractor was reminded to cover the stockpiles, which was for back-filling purpose, after daily works.
Water Quality Mitigation Measures	
Tuen Mun Road under TMT Plaza	The stockpile should be reallocated to avoid generating muddy water to public drainage system as far as practicable.
Kam Fai Fa Yuen	Water flow was observed in the blocked U-channel. The contractor was reminded to verify the status of the water channel.
Central median under Yan Oi Bridge	A small amount of muddy water was accumulated outside the water barrier in central median. The contractor should clean the muddy water and prevent the water from entering manholes directly by the use of sand bag bundings.
All areas	The contractor was reminded to turn on all pumps in site prior to rainstorm in a view to alleviate water accumulation and overloading.
All areas	The contractor was reminded to avoid temporary storage of excavated soil near roadside. Sand bag bundings should be provided in case no alternatives.
Waste Management	
Central Median under Yan Oi Bridge	The contractor should provide a drip tray for air compressor.
Under Yan Ching Bridge	Chemical containers, such as lubricant oil container, should be stored in the designated storage area.
Noise	
All areas	The contractor was reminded to review the noise mitigation measures, especially for the generators near NSRs.

2.2 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 7.1. An updated summary of the Implementation Schedule of Mitigation Measures is presented in **Appendix C**.

3 Air Monitoring

3.1 Air Monitoring Requirements

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 3.1**.

Table 3.1 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.

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 3.2 and 3.3**.

Table 3.2 Action and Limit Level for air quality monitoring of 1-hour TSP level

Level	Air Monitoring Stations					
	AM1	AM2	AM3	AM4	AM5	AM6
Action Level, $\mu\text{g}/\text{m}^3$	290	291	287	292	286	290
Limit Level, $\mu\text{g}/\text{m}^3$	500					

Notes:

1-hr TSP monitoring would be required in case of receiving complaints.

Table 3.3 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, $\mu\text{g}/\text{m}^3$	146	151	150	150	146	147
Limit Level, $\mu\text{g}/\text{m}^3$	260					

3.2 Air Monitoring Methodology

3.2.1 Monitoring Equipment

High Volume Sampler (HVS) was used to monitor the 24-hour TSP. **Table 3.4** shows the equipment used for the air quality monitoring.

Table 3.4 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

3.2.2 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 recalibrated 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 D**.

3.2.3 Monitoring Procedures

Specifications of the HVS are as follows:

- 0.6 – 1.7 m³/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 cm² (63in²);
- 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-weighed 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.

3.3 Monitoring Results and Observations

3.3.1 Weather Condition

No adverse weather conditions were recorded during the monitoring dates.

3.3.2 Air Quality Monitoring Results

Monitoring of 24-hour TSP was conducted on 3, 10, 16, 20 and 26 April 2012. All monitoring data and graphical presentation of the monitoring results are provided in **Appendix E** and are summarised in **Table 3.5**. The graphical presentations of the monitoring results are provided in **Appendix E**. Wind data obtained from the Hong Kong Observatory – Tuen Mun station during the reporting period is presented in **Appendix F**.

Table 3.5 Summary of impact air quality monitoring results for reporting month

	Location					
	AM1	AM2	AM3	AM4	AM5	AM6
Average 24-hr TSP Concentration, $\mu\text{g}/\text{m}^3$ (Range)	20 (10 – 29)	20 (9 – 38)	22 (14 – 29)	25 (11 – 50)	19 (11 – 26)	22 (9 – 30)

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

3.3.1 General Observations

Major construction works including site clearance, footbridge construction, pilling works, ground investigation, underground utilities and drainage diversion were implemented during the reporting month. No abnormal condition was recorded during monitoring period.

4 Noise Monitoring

4.1 Noise Monitoring Requirements

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 4.1**.

Table 4.1 Construction noise monitoring parameters and frequency

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

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

Monitoring Location

In accordance with the EM&A Manual and the subsequent Baseline Report, six 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 (N6).

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 4.2**.

Table 4.2 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.

4.2 Noise Monitoring Methodology

4.2.1 Monitoring Equipment

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 4.3** shows the equipment list of the noise monitoring.

Table 4.3 Noise equipment list for impact noise monitoring

Equipment	Manufacturer & Model No.	Serial No.	Precision Grade	Qty.
Integrated SLM	Brüel & Kjaer 2238	2320707, 2320696 & 2654435	IEC 651 Type 1 IEC 804 Type 1	3
Sound level calibrator	Rion NC-74	34304660	IEC 942 Type 1	1

4.2.2 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 externally. The calibration certificates for the noise equipment are given in **Appendix G**.

4.2.3 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 a 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.

4.3 Monitoring Results and Observations

4.3.1 Weather Condition

The weather condition was mainly sunny during the noise monitoring period in the reporting month. In 5 April and 27 April, the weather was rainy. Noise monitoring was conducted in non-rainy hours.

4.3.2 Noise Monitoring Results

Monitoring of the construction noise level was conducted during non-restricted hours on 5, 11, 21 and 27 April 2012 at monitoring locations N1, N2, N3, N4, N5 and N6. All monitoring data and graphical presentation of the monitoring results are provided in **Appendix H** and are summarised in **Table 4.4 to 4.9**. The graphical presentations of the monitoring results are provided in **Appendix H**.

Table 4.4 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 dB(A)
		Leq (30-min)	Leq (30-min)	Leq (30-min)	
5 Apr 12	10:00 - 10:30	75	76	Measured \leq Baseline	75
11 Apr 12	09:50 - 10:20	74		Measured \leq Baseline	
21 Apr 12	09:45 - 10:15	72		Measured \leq Baseline	
27 Apr 12	09:50 - 10:20	74		Measured \leq Baseline	

Notes:

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

Table 4.5 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 dB(A)
		Leq (30-min)	Leq (30-min)	Leq (30-min)	
5 Apr 12	10:50 - 11:20	73	78	Measured \leq Baseline	75
11 Apr 12	10:45 - 11:15	75		Measured \leq Baseline	
21 Apr 12	10:40 - 11:10	73		Measured \leq Baseline	
27 Apr 12	10:35 - 11:05	74		Measured \leq Baseline	

Notes:

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

Table 4.6 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 dB(A)
		Leq (30-min)	Leq (30-min)	Leq (30-min)	
5 Apr 12	11:40 - 12:10	69	69	Measured \leq Baseline	70
11 Apr 12	11:40 - 12:10	68		Measured \leq Baseline	
21 Apr 12	11:30 - 12:00	67		Measured \leq Baseline	
27 Apr 12	11:30 - 12:00	68		Measured \leq Baseline	

Notes:

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

Table 4.7 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 Apr 12	08:30 - 09:00	66	67	Measured \leq Baseline	70
11 Apr 12	08:30 - 09:00	65		Measured \leq Baseline	
21 Apr 12	08:30 - 09:00	66		Measured \leq Baseline	
27 Apr 12	08:30 - 09:00	66		Measured \leq Baseline	

Notes:

1. Construction Noise Level = Measured Noise Level – Baseline Noise Level.**Table 4.8** 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 Apr 12	13:00 - 13:30	70	70	Measured \leq Baseline	75
11 Apr 12	13:00 - 13:30	69		Measured \leq Baseline	
21 Apr 12	13:00 - 13:30	69		Measured \leq Baseline	
27 Apr 12	13:00 - 13:30	70		Measured \leq Baseline	

Notes:

1. Construction Noise Level = Measured Noise Level – Baseline Noise Level.**Table 4.9** 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 Apr 12	14:00 - 14:30	70	69	61	70
11 Apr 12	13:50 - 14:20	68		Measured \leq Baseline	
21 Apr 12	13:45 - 14:15	68		Measured \leq Baseline	
27 Apr 12	14:00 - 14:30	68		Measured \leq 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.

4.3.3 Exceedance of Limit and Action Levels for Construction Noise

No limit level exceedance for noise measurements during non-restricted hours was recorded in the reporting month.

No Action Level exceedance of construction noise was recorded in the reporting month.

4.3.4 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 locations during the noise monitoring period.

5 Landscape and Visual Monitoring

5.1 Landscape and Visual Monitoring Requirements

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).

Monitoring Frequency and Location

The landscape and visual monitoring and audit shall be undertaken bi-weekly throughout the construction period. The components of each assessed parameter of LR, LCA and VSR are summarised in **Table 5.1**.

Table 5.1 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	
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

ID No.	Names
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

5.2 Audit Results

In the reporting month, landscape and visual site audit in accordance with the requirements stipulated in the EIA report was conducted on 5 and 19 April 2012.

In accordance with the Landscape Plan of the Project under the Clause 2.13 of the Part C of the EP and updated information by the Contractor, a total of 1031 trees would be affected. 102 trees would be retained, 399 trees would be transplanted to Siu Lang Shui Road and 521 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.

Since the commencement of the Project, total 521 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 **Table 5.2** and the summary report is presented in **Appendix I**.

Table 5.2 Status of felled and transplanted trees during reporting month

	No. of trees to be felled	No. of trees to be transplanted			
		Crown pruning	1 st root pruning	2 nd root pruning	3 rd root pruning
In progress	0	0	29	30	20
Completed	521	399	370	369	379
Total	521	399	399	399	399
Percentage completed (%)	100	100	93	92	95

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).

5.3 Implementation Status of Consultation Phase Landscape and Visual Mitigation Measures

The design, implementation and maintenance of landscape and visual 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 7.1. Summary of the implementation status of construction phase Landscape and Visual mitigation measures are presented in **Appendix C**.

5.4 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.

6 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 6.1. The monthly summary flow table is provided in **Appendix J**.

Table 6.1 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
	3,612.375 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	665.00 kg	
General Refuse	82.875 m ³	Disposal of at WENT landfill

7 Environmental Performance

7.1 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 7.1**.

Table 7.1 Key findings of weekly environmental site audit in the reporting month

Inspection Date	Location	Key Observations and Recommendations	Contractor's Response / Environmental Outcome	Closed Date / Follow up Status
Air Quality Mitigation Measures				
12 Apr 12	Pui To Road	The contractor was reminded to cover the stockpiles, which was for back-filling purpose, after daily works.	Agreed with the ET's advice.	The reminder has been noted. Closed on 19 Apr 12.
Water Quality Mitigation Measures				
5 Apr 12	Tuen Mun Road under TMT Plaza	The stockpile should be reallocated to avoid generating muddy water to public drainage system as far as practicable.	Agreed with the ET's advice.	Reallocation of stockpile has been done. Closed on 12 Apr 12.
5 Apr 12	Kam Fai Fa Yuen	Water flow was observed in the blocked U-channel. The contractor was reminded to verify the status of the water channel.	Agreed with the ET's advice.	The reminder has been noted. Closed on 12 Apr 12.

Inspection Date	Location	Key Observations and Recommendations	Contractor's Response / Environmental Outcome	Closed Date / Follow up Status
19 Apr 12	Central median under Yan Oi Bridge	A small amount of muddy water was accumulated outside the water barrier in central median. The contractor should clean the muddy water and prevent the water from entering manholes directly by the use of sand bag bundings.	Agreed with the ET's advice.	Sand bag bundings have been provided. Closed on 26 Apr 12.
19 Apr 12	All areas	The contractor was reminded to turn on all pumps in site prior to rainstorm in a view to alleviate water accumulation and overloading.	Agreed with the ET's advice.	The reminder has been noted. Closed on 26 Apr 12.
26 Apr 12	All areas	The contractor was reminded to avoid temporary storage of excavated soil near roadside. Sand bag bundings should be provided in case no alternatives.	Agreed with the ET's advice.	The reminder has been noted. Closed on 3 May 12.
Noise Mitigation Measures				
26 Apr 12	All areas	The contractor was reminded to review the noise mitigation measures, especially for the generators near NSRs.	Agreed with the ET's advice.	The reminder has been noted. Closed on 3 May 12.
Waste Management				
5 Apr 12	Central Median under Yan Oi Bridge	The contractor should provide a drip tray for air compressor.	Agreed with ET's advice.	The reminder has been noted. Closed on 12 Apr 12.
12 Apr 12	Under Yan Ching Bridge	Chemical containers, such as lubricant oil container, should be stored in the designated storage area.	Agreed with ET's advice.	Chemical containers have been stored in designated storage area. Closed on 19 Apr 12.

7.2 Complaint Record

No environmental complaint was recorded in the reporting month.

The updated statistical summary of complaint is presented in **Table 7.2**.

Table 7.2 Summary of complaints for the contract

Reporting Period	Complaint Statistics		Area of Concern	Validity to the Project	Status
	Number	Cumulative			
02/08/10 – 31/10/10	0	0	-	-	-
01/11/10 – 30/11/10	1	1	Noise	Yes (Ref.: C001)	Closed on 30 Nov 10.

Reporting Period	Complaint Statistics		Area of Concern	Validity to the Project	Status
	Number	Cumulative			
01/12/10 – 31/01/11	0	1	-	-	-
01/02/11 – 28/02/11	1	2	Noise	Yes (Ref.: C002)	Closed on 2 Mar 11.
01/03/11 – 31/03/11	0	2	-	-	-
01/04/11 – 30/04/11	2	4	Water	Yes (Ref.: C003)	Closed on 16 Apr 11.
			Noise	Yes (Ref.: C004)	Closed on 16 May 11.
01/05/11 – 31/05/11	1	5	Water	Yes (Ref.: C005)	Closed on 10 Jun 11.
01/06/11 – 30/06/11	1	6	Air	Yes (Ref.: C006)	Closed on 23 Jun 11.
	1	7	Noise	Yes (Ref.: C007)	Closed on 24 Jun 11.
	1	8	Water	Yes (Ref.: C008)	Closed on 4 Jul 11.
	1	9	Air	Yes (Ref.: C009)	Closed on 14 Jul 11.
01/07/11 – 31/07/11	1	10	Noise	Yes (Ref.: C010)	Closed on 4 Aug 11.
	1	11	Water	Yes (Ref.: C011)	Closed on 4 Aug 11.
01/08/11 – 31/08/11	0	11	-	-	-
01/09/11 – 30/09/11	1	12	Noise	Yes (Ref.: C012)	Closed on 29 Sep 11.
	1	13	Water	Yes (Ref.: C013)	Closed on 14 Oct 11.
	1	14	Water	Yes (Ref.: C014)	Closed on 14 Oct 11.
01/10/11 – 31/10/11	1	15	Water	Yes (Ref.: C015)	Closed on 28 Oct 11.
01/11/11 – 30/11/11	1	16	Noise	Yes (Ref.: C016)	Closed on 24 Nov 11.
	1	17	Noise	Yes (Ref.: C017)	Closed on 30 Nov 11.
01/12/11 – 31/12/11	0	17	-	-	-
01/01/12 – 31/01/12	1	18	Water	Yes (Ref.: C018)	Closed on 6 Feb 12.
	1	19	Water	Yes (Ref.: C019)	Closed on 6 Feb 12.
01/02/12 – 29/02/12	0	19	-	-	-
01/03/12 – 31/03/12	1	20	Water	Yes (Ref.: C020)	Closed on 22 Mar 12.
	1	21	Noise	Yes (Ref.: C021)	Closed on 28 Mar 12.
	1	22	Noise	Yes (Ref.: C022)	Closed on 5 Apr 12.

Reporting Period	Complaint Statistics		Area of Concern	Validity to the Project	Status
	Number	Cumulative			
	1	23	Water	Yes (Ref.: C023)	Closed on 5 Apr 12.
01/04/12 – 30/04/12	0	23	-	-	-

7.3 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.

7.4 Review of Reasons of Non-Compliance

No limit level exceedance of noise monitoring was recorded in the reporting month.

8 Future Key Issues

8.1 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.

8.2 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 K**.

The construction programme for the coming month is shown in **Table 8.1**.

Table 8.1 Tentative programme of construction works

Month	Locations	Details of Construction Works
May 2012	Various locations	Site clearance, ground investigation, footbridge construction, noise barrier construction; piling works, underground utilities and drainage diversion

9 Conclusions and Recommendations

9.1 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 in the reporting month.

No Limit level exceedance of noise monitoring was recorded. No Action Level exceedance of construction noise was recorded in the reporting month.

No environmental complaint was recorded in the reporting month.

No 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 5 and 19 April 2012. Total 521 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.

Four (4) weekly environmental site audits were carried out during the reporting month. The major environmental concerns were related to air quality, noise, water quality, waste management and tree maintenance. No special observation related tree maintenance/landscape was recorded.

9.2 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. Adequate water spraying should be provided for the unpaved area to minimize dust disturbance.

Water quality impact is also key environmental issue. The drainage system should be well maintained. All wastewater generated within the site should be collected and treated prior to discharge. The solid and liquid waste management should be strictly followed in accordance with the requirements described in the EIA report.

10 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**

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	April					May					June					July						
								26	02	09	16	23	30	07	14	21	28	04	11	18	25	02	09	16					
Design of Permanent Works																													
Package of Vehicular Bridge S1																													
Detailed Design Approval (DDA)																													
DDAS11270	Submit & Endorsement DDA by SO	35	1	03-Feb-12	24-Apr-12	22-May-12	23-May-12																		Submit & Endorsement DDA by SO				
Package of Geotechnical Works																													
Detailed Design Approval (DDA)																													
DDAGE1130	Submit & endorsed by GEO	28	1	19-Dec-11	24-Apr-12	22-Aug-14	23-Aug-14																		Submit & endorsed by GEO				
DDAGE1140	Submit & Endorsement DDA by SO	35	35	25-Apr-12	29-May-12	23-Aug-14	27-Sep-14																		Submit & Endorsement DDA by SO				
DDAGE1180	Submit & Endorsement DDA by SO	35	1	14-Dec-11	24-Apr-12	11-May-12	12-May-12																		Submit & Endorsement DDA by SO				
Package of Provisional Works for TCSS Installation																													
Detailed Design Approval (DDA)																													
DDAT51030	Submit & Endorsement DDA by SO	35	0	09-Dec-10	24-Apr-12	21-Dec-11	21-Dec-11																		Submit & Endorsement DDA by SO				
Package of Landscaping Works																													
Detailed Design Approval (DDA)																													
DDALW1050	Submit & endorsed by Statutory Authorities/Government Departments	28	0	01-Jul-11	24-Apr-12	05-May-12	05-May-12																		Submit & endorsed by Statutory Authorities/Government Departments				
DDALW1055	Final DDA prepare & sub. Noise Barrier/Enclosure Landscape Works	14	14	24-Apr-12	07-May-12	05-May-12	19-May-12																		Final DDA prepare & sub. Noise Barrier/Enclosure Landscape Works				
DDALW1060	DC DDA certify for Noise Barrier/Enclosure Landscape Works	42	14	01-Jul-11	07-May-12	05-May-12	19-May-12																		DC DDA certify for Noise Barrier/Enclosure Landscape Works				
DDALW1070	Submit & Endorsement DDA by SO	35	35	08-May-12	11-Jun-12	19-May-12	23-Jun-12																		Submit & Endorsement DDA by SO				
Procurement																													
Material Procurement and Fabrication																													
Procurement and Fabrication																													
MP1020	Yan Oi Bridge span	90	90	24-Apr-12	11-Aug-12	10-Feb-12	01-Jun-12																						
MP1030	Yan Oi Bridge Passenger Lift	90	90	30-May-12	13-Sep-12	21-Apr-12	10-Aug-12																						
MP1060	Siu On Bridge span	90	90	04-Jun-12	19-Sep-12	22-Feb-13	14-Jun-13																						
MP1070	Siu On Bridge Passenger Lift	90	90	09-Jul-12	25-Oct-12	18-Apr-13	05-Aug-13																						
MP1080	Chi Lok Bridge span	90	90	24-Apr-12	11-Aug-12	01-Feb-12	22-May-12																						
MP1090	Chi Lok Bridge Passenger Lift	90	90	30-May-12	13-Sep-12	05-Mar-12	26-Jun-12																						
MP1100	Noise Barrier/Enclosure steel structure for Scheme A Area	407	337	03-Feb-12	14-Jun-13	01-Jun-12	28-Mar-13																						
MP1110	Noise Barrier/Enclosure steel structure for Scheme B Area	505	365	03-Jan-12	18-Jul-13	03-May-12	24-Apr-13																						
MP1120	Noise Barrier/Enclosure steel structure for Scheme C Area	484	434	05-Mar-12	10-Oct-13	24-Nov-11	14-Jun-13																						
MP1130	Noise Barrier/Enclosure steel structure for Scheme D Area	556	386	03-Jan-12	23-Aug-13	23-Feb-12	30-May-13																						
Section 1 of Works																													
Improvement Works at Tuen Hing Road / Castle Peak Road																													
Roadworks																													
SEC11130	Re-align existing footpath near Tuen Mun Woman Health Centre	60	55	02-Jul-11	30-Jun-12	25-Jul-14	27-Sep-14																		Re-align existing footpath near Tuen Mun Woman Health Centre				
Improvement Works at Fu Fat Lane / Castle Peak Road																													
Drainage Works																													
SEC11440	Construct drainage along Yuen Long bound slow lane	60	17	30-Mar-11	15-May-12	13-Mar-12	31-Mar-12																		Construct drainage along Yuen Long bound slow lane				
SEC11450	Construct drainage along Kowloon bound slow lane	60	17	26-Aug-11	15-May-12	02-Apr-12	24-Apr-12																		Construct drainage along Kowloon bound slow lane				
Roadworks																													
SEC11170	Re-align existing footpath along Yuen Long bound slow lane	60	17	15-Jun-11	05-Jun-12	02-Apr-12	24-Apr-12																		Re-align existing footpath along Yuen Long bound slow lane				
SEC11180	Re-align existing footpath along Kowloon bound slow lane	60	21	02-Jan-12	30-Jun-12	25-Apr-12	21-May-12																		Re-align existing footpath along Kowloon bound slow lane				
SEC11190	Install the cross road duct & remove existing central median	45	45	03-Jul-12	23-Aug-12	22-May-12	16-Jul-12																						
Improvement Works at Hoi Wing Road / Castle Peak Road																													
Roadworks																													
SEC11230	Construct new road island at Kowloon bound	30	29	02-Jan-12	31-May-12	02-May-12	06-Jun-12																		Construct new road island at Kowloon bound				
SEC11240	Remove existing central median	60	5	30-Jan-12	31-May-12	01-Jun-12	06-Jun-12																		Remove existing central median				
SEC11250	Relocation existing street lighting and construct new central median	45	17	05-Mar-12	20-Jun-12	07-Jun-12	27-Jun-12																		Relocation existing street lighting and construct new central median				
SEC11360	Construct new road island at Yuen Long bound	45	45	20-Jun-12	14-Aug-12	28-Jun-12	20-Aug-12																						
Section II of Works																													

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

Date	Revision	Checked	Approved
25-Apr-12	1204	Tim	

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	Gantt Chart (Timeline)											
								26	02	09	16	23	30	07	14	21	28	04	11
Stage 1 Kowloon Bound Road Verge & T1																			
NB Structural Steel Post/Column Erection																			
RA1110	Erect NE01 S/B steel column	24	24	24-Apr-12	24-May-12	20-Aug-12	17-Sep-12	[Gantt bar: 24-Apr-12 to 24-May-12]										Erect NE01 S/B steel column	
RA1240	Erect NE03 steel column (east side)	13	13	25-May-12	08-Jun-12	17-Sep-12	04-Oct-12	[Gantt bar: 25-May-12 to 08-Jun-12]										Erect NE03 steel column (east side)	
Drainage Works																			
RA1430	Construct drainage S/B verge CH29270 to CH29400 and T1 alignment	77	77	24-Apr-12	27-Jul-12	04-Jul-12	04-Oct-12	[Gantt bar: 24-Apr-12 to 27-Jul-12]											
Roadworks																			
RA1440	Roadworks S/B verge CH29270 to CH29400 and T1 alignment	58	58	12-Jun-12	21-Aug-12	18-Aug-12	29-Oct-12	[Gantt bar: 12-Jun-12 to 21-Aug-12]											
Stage 2 Both bound Road Verge near Yan Ching Bridge																			
Temporary Traffic Arrangement																			
RA1020	Submit and approve TTA for RA Stage 2	120	120	24-Apr-12	21-Aug-12	01-Jul-12	29-Oct-12	[Gantt bar: 24-Apr-12 to 21-Aug-12]											
Utility Diversion																			
RA1680	Temporary slew existing PCCW cable (HKT-2) for NE04	60	60	11-Jun-12	21-Aug-12	01-Nov-12	14-Jan-13	[Gantt bar: 11-Jun-12 to 21-Aug-12]											
RA1690	Relocation existing draw pit (HKT-3) for NE05	60	60	20-Jun-12	30-Aug-12	10-Nov-12	23-Jan-13	[Gantt bar: 20-Jun-12 to 30-Aug-12]											
RA1700	Drainage diversion for existing 375 dia & 450 dia pipe NE04	60	60	11-Jun-12	21-Aug-12	16-Aug-12	29-Oct-12	[Gantt bar: 11-Jun-12 to 21-Aug-12]											
Foundation Works																			
RA1740	Construct mini pile foundation for NE03 PC5 to PC7	64	11	09-Feb-12A	08-May-12	28-Aug-12	10-Sep-12	[Gantt bar: 09-Feb-12 to 08-May-12]										Construct mini pile foundation for NE03 PC5 to PC7	
Pile Cap / Footing																			
RA1125	Construct pile cap NE03 PC5 to PC7	50	50	24-Apr-12	29-Jun-12	28-Aug-12	29-Oct-12	[Gantt bar: 24-Apr-12 to 29-Jun-12]										Construct pile cap NE03 PC5 to PC7	
RA1140	Construct pad footing NE05 FT1 to FT7	56	48	08-May-11	14-Dec-12	24-Dec-12	25-Feb-13	[Gantt bar: 08-May-11 to 14-Dec-12]											
RA1145	Construct pad footing NE04 FT10 to FT15	48	8	06-Apr-11 A	30-Aug-12	14-Jan-13	23-Jan-13	[Gantt bar: 06-Apr-11 to 30-Aug-12]											
RA1150	Construct pad footing NE05 FT13 to FT19	54	16	20-Jul-11 A	18-Sep-12	23-Jan-13	09-Feb-13	[Gantt bar: 20-Jul-11 to 18-Sep-12]											
Stage 3 Central Median Area																			
Foundation Works																			
RA1260	Construct mini pile foundation for NE01 PC9 to PC15	104	104	12-Jun-12	16-Oct-12	23-Apr-12	28-Aug-12	[Gantt bar: 12-Jun-12 to 16-Oct-12]											
RA1270	Construct mini pile foundation for NE02 PC9 to PC14	88	36	28-Dec-11 A	26-Jul-12	31-Aug-12	15-Oct-12	[Gantt bar: 28-Dec-11 to 26-Jul-12]											
Pile Cap / Footing																			
RA1376	Construct pad footing NE04 FT8 to FT9	67	67	01-Jun-12	20-Aug-12	16-Oct-12	07-Jan-13	[Gantt bar: 01-Jun-12 to 20-Aug-12]											
RA1378	Construct pad footing NE05 FT8 to FT12	83	38	30-Oct-11 A	18-Jul-12	09-Nov-12	27-Dec-12	[Gantt bar: 30-Oct-11 to 18-Jul-12]										Construct	
Concrete Column at Central Barrier																			
RA1410	Construct concrete column for NE05	75	75	01-Jun-12	29-Aug-12	09-Nov-12	08-Feb-13	[Gantt bar: 01-Jun-12 to 29-Aug-12]											
Stage 3-1 NE02 Kowloon Bound Verge (After remove Temp. Bridge)																			
Foundation Works																			
RA1040	Construct mini pile foundation for NE02 PC1 to PC8	120	30	20-May-11	11-Mar-13	04-Mar-13	12-Apr-13	[Gantt bar: 20-May-11 to 11-Mar-13]											
Pile Cap / Footing																			
RA1070	Construct pile cap NE02 PC1 to PC8	64	29	21-Oct-11 A	11-Mar-13	04-Mar-13	11-Apr-13	[Gantt bar: 21-Oct-11 to 11-Mar-13]											
Construction of New Yan Oi Bridge																			
Piling Works																			
YO1030	Construct mini pile foundation for New Yan Oi bridge PC4	73	39	10-Sep-11 A	12-Jun-12	14-Feb-12	31-Mar-12	[Gantt bar: 10-Sep-11 to 12-Jun-12]										Construct mini pile foundation for New Yan Oi bridge	
Pile Cap																			
YO1052	Construct pile cap PC4	17	17	12-Jun-12	04-Jul-12	31-Mar-12	24-Apr-12	[Gantt bar: 12-Jun-12 to 04-Jul-12]										Construct pile cap PC4	
Column, Pier Head and Staircase																			
YO1070	Construct S/B column and column head	45	30	12-Jan-12A	01-Jun-12	23-Apr-12	01-Jun-12	[Gantt bar: 12-Jan-12 to 01-Jun-12]										Construct S/B column and column head	
YO1080	Construct S/B staircase and erect lift structure	45	45	01-Jun-12	26-Jul-12	16-Jun-12	10-Aug-12	[Gantt bar: 01-Jun-12 to 26-Jul-12]											
YO1180	Construct CM column and column head	30	30	04-Jul-12	08-Aug-12	24-Apr-12	01-Jun-12	[Gantt bar: 04-Jul-12 to 08-Aug-12]											
Construction of New Yan Ching Bridge																			
Demolition of Existing Yan Ching Bridge																			
YC1110	Demolition existing Yan Ching bridge remaining structure	45	23	15-Apr-12A	31-May-12	17-Sep-12	16-Oct-12	[Gantt bar: 15-Apr-12 to 31-May-12]										Demolition existing Yan Ching bridge remaining structure	
Stage 1 Both Bound Road Verge																			
Foundation Works																			
RB1515	Construct mini pile foundation for NE12 PC5	36	7	17-Mar-12A	24-May-12	17-Jul-12	25-Jul-12	[Gantt bar: 17-Mar-12 to 24-May-12]										Construct mini pile foundation for NE12 PC5	
Pile Cap / Footing																			
RB1070	Construct pad footing for NE06 FT1 to FT7	117	117	04-Jul-11 A	12-Sep-12	30-Jan-12	21-Jun-12	[Gantt bar: 04-Jul-11 to 12-Sep-12]											
RB1300	Construct pad footing for NE10 FT10 to FT14 & NE11 FT15 to FT22	100	23	03-Jun-11 A	24-May-12	01-Jun-12	29-Jun-12	[Gantt bar: 03-Jun-11 to 24-May-12]										Construct pad footing for NE10 FT10 to FT14 & NE11 FT15 to FT22	
RB1302	Construct pile cap for NE12 PC3 & PC4 & NE13 PC1 & NE14 PC3 & PC4	83	65	23-Sep-11 A	13-Jul-12	20-Sep-12	08-Dec-12	[Gantt bar: 23-Sep-11 to 13-Jul-12]										Construct	
RB1306	Construct pile cap for NE12 PC1 & PC2 & NE14 PC2	50	20	09-Jan-12A	18-May-12	26-Jul-12	18-Aug-12	[Gantt bar: 09-Jan-12 to 18-May-12]										Construct pile cap for NE12 PC1 & PC2 & NE14 PC2	
RB1310	Construct pile cap for NE12 PC5	17	17	24-May-12	12-Jun-12	25-Jul-12	14-Aug-12	[Gantt bar: 24-May-12 to 12-Jun-12]										Construct pile cap for NE12 PC5	
Concrete Column at Central Barrier																			
RB1590	Construct concrete column for NE12 (4nos.)	25	25	14-Jul-12	11-Aug-12	08-Dec-12	10-Jan-13	[Gantt bar: 14-Jul-12 to 11-Aug-12]											

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TMR Town Centre Section 3 Months Rolling Programme WP03-5 (25 Apr 2012)

Date	Revision	Checked	Approved
25-Apr-12	1204	Tim	

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	Gantt Chart											
								26	02	09	16	23	30	07	14	21	28	04	11
NB Structural Steel Post/Column Erection																			
RB1350	Erect NE09 S/B steel column	30	24	06-Dec-11 A	06-Nov-12	17-Jul-12	14-Aug-12									Erect NE10 S/B steel column			
RB1360	Erect NE10 S/B steel column	15	15	24-Apr-12	12-May-12	24-Jul-12	10-Aug-12									Erect NE11 S/B steel column			
RB1370	Erect NE11 S/B steel column	23	23	14-May-12	09-Jun-12	10-Aug-12	06-Sep-12									Erect NE12 & NE14 S/B steel column			
RB1760	Erect NE12 & NE14 S/B steel column	16	16	19-May-12	07-Jun-12	18-Aug-12	06-Sep-12									Erect NE06 N/B steel column			
RB1870	Erect NE06 N/B steel column	20	20	24-Apr-12	18-May-12	05-Jun-12	29-Jun-12									Erect NE09 N/B steel column			
RB1872	Erect NE09 N/B steel column	30	24	06-Dec-11 A	24-May-12	01-Aug-12	29-Aug-12									Erect NE10 N/B steel column			
RB1890	Erect NE10 N/B steel column	15	15	24-May-12	11-Jun-12	29-Jun-12	18-Jul-12									Erect NE11 N/B steel column			
RB1900	Erect NE11 N/B steel column	23	23	11-Jun-12	10-Jul-12	18-Jul-12	14-Aug-12									Erect NE12 N/B steel column			
RB1910	Erect NE12 N/B steel column	5	5	10-Jul-12	16-Jul-12	14-Aug-12	20-Aug-12									Erect NE14 N/B steel column			
RB2150	Erect NE14 N/B steel column	8	8	16-Jul-12	25-Jul-12	20-Aug-12	29-Aug-12												
Drainage Works																			
RB1375	Construct drainage for re-alignment of Tuen Lung Street	60	60	24-Apr-12	07-Jul-12	16-Apr-12	29-Jun-12									Construct drainage			
RB1380	Construct drainage N/B verge CH28600 to CH28950 (L=350m)	117	117	24-Apr-12	12-Sep-12	09-Apr-12	29-Aug-12												
RB1390	Construct drainage S/B verge CH28600 to CH28950 (L=350m)	117	117	13-Jul-12	29-Nov-12	17-Apr-12	06-Sep-12												
Roadworks																			
RB1395	Roadworks for re-alignment of Tuen Lung Street	60	60	01-Jun-12	11-Aug-12	24-May-12	04-Aug-12												
RB1400	Roadworks N/B verge CH28600 to CH28950 (L=350m)	88	88	14-Jun-12	27-Sep-12	30-May-12	12-Sep-12												
Stage 2 Central Median																			
Pile Cap / Footing																			
RB1010	Construct pile cap for NE08 PC6 to PC9	0	0	04-Mar-12 A	24-Apr-12	03-Dec-12	03-Dec-12									Construct pile cap for NE08 PC6 to PC9			
RB1015	Construct pad footing for NE06 FT8 to FT12 & NE07 FT3	46	32	19-Oct-11 A	04-Jun-12	06-Aug-12	12-Sep-12									Construct pad footing for NE06 FT8 to FT12 & NE07 FT3			
Relocation of LRT Passenger Lift																			
Demolition of Existing LRT Lift																			
LRT1070	Remove Existing LRT lift	35	15	07-Nov-11 A	12-May-12	05-May-12	24-May-12									Remove Existing LRT lift			
Stage 1 NE18 East Side, Tsing Hoi Circuit Re-alignment & S/B Foundation																			
Utilities Over-run																			
RC1540	Relocation existing fire hydrant (WS-9) for NE16 PC8 & PC9	60	36	29-Sep-11 A	07-Jun-12	28-Jan-12	10-Mar-12									Relocation existing fire hydrant (WS-9) for NE16 PC8 & PC9			
Foundation Works																			
RC1203	Construct Socket H-piles foundation for NE16 PC10	36	34	17-Apr-12 A	05-Jun-12	13-Jan-12	25-Feb-12									Construct Socket H-piles foundation for NE16 PC10			
RC1205	Construct Socket H-piles foundation for NE16 PC35	36	16	14-Dec-11 A	14-Jul-12	17-Mar-12	04-Apr-12									Construct mini pile foundation for NE17 PC6 to PC8			
RC1740	Construct mini pile foundation for NE17 PC6 to PC8	64	1	24-Nov-11 A	25-Apr-12	22-Dec-11	23-Dec-11									Construct Socket H-piles foundation for NE16 PC8			
RC1770	Construct Socket H-piles foundation for NE16 PC8 & PC9	24	5	17-Mar-12 A	13-Jun-12	10-Mar-12	16-Mar-12									Construct Socket H-piles foundation for NE16 PC8			
Pile Cap / Footing																			
RC1080	Construct pad footing NE16 FT27 to FT34 (with retaining FR91)	133	50	12-May-11	25-Jun-12	16-Jan-12	17-Mar-12									Construct pad footing NE16 FT27 to FT34			
RC1270	Construct pile cap NE15 PC1 to PC6 & NE16 PC10	117	15	19-Sep-11 A	14-May-12	07-Feb-12	25-Feb-12									Construct pile cap NE15 PC1 to PC6 & NE16 PC10			
RC1320	Construct pile cap NE16 PC10	17	17	05-Jun-12	26-Jun-12	25-Feb-12	15-Mar-12									Construct pile cap NE16 PC10			
RC1750	Construct pad footing NE16 FT11 to FT15 & NE17 FT1 to FT5	77	37	14-Sep-11 A	09-Jun-12	14-Feb-12	28-Mar-12									Construct pad footing NE16 FT11 to FT15 & NE17 FT1 to FT5			
RC1755	Construct pile cap NE16 PC35	17	17	14-Jul-12	03-Aug-12	04-Apr-12	28-Apr-12									Construct pile cap NE17 PC6 to PC8			
RC1757	Construct pile cap NE17 PC6 to PC8	50	50	25-Apr-12	26-Jun-12	22-Dec-11	25-Feb-12									Construct pile cap NE17 PC6 to PC8			
RC1780	Construct pile cap NE16 PC8 & PC9	33	33	13-Jun-12	25-Jul-12	16-Mar-12	28-Apr-12												
NB Structural Steel Post/Column Erection																			
RC1110	Erection NE15 steel column (east side)	16	16	26-Jun-12	16-Jul-12	15-Mar-12	03-Apr-12									Erection NE15 steel column (east side)			
RC1120	Erection part of NE16 S/B steel column (PC10, FT11 to FT15)	18	18	16-Jul-12	06-Aug-12	03-Apr-12	28-Apr-12									Erection part of NE16 S/B steel column (PC10, FT11 to FT15)			
RC1700	Erection NE17 S/B steel column	23	23	27-Jun-12	24-Jul-12	28-Mar-12	28-Apr-12									Erection NE17 S/B steel column			
Drainage Works																			
RC1025	Construct drainage along Tsing Hoi Circuit (Tsing Ho Square to Tsing Sin Street)	100	50	04-Jul-11 A	02-May-12	22-Dec-11	30-Dec-11									Construct drainage along Tsing Hoi Circuit (Tsing Ho Square to Tsing Sin Street)			
RC1140	Construct drainage TS alignment	75	75	26-Jun-12	21-Sep-12	09-Jul-12	05-Oct-12												
RC1800	Construct drainage S/B verge CH28250 to CH28400	50	50	27-Jun-12	24-Aug-12	25-Feb-12	28-Apr-12												
Roadworks																			
RC1030	Road re-alignment along Tsing Hoi Circuit (Siu On bridge to Tsing Ho Square)	90	11	11-Mar-11 A	24-Apr-12	21-Dec-11	22-Dec-11									Road re-alignment along Tsing Hoi Circuit (Siu On bridge to Tsing Ho Square)			
RC1035	Road re-alignment along Tsing Hoi Circuit (Tsing Ho Square to Tsing Sin Street)	90	26	08-Aug-11 A	28-May-12	22-Dec-11	28-Jan-12									Road re-alignment along Tsing Hoi Circuit (Tsing Ho Square to Tsing Sin Street)			
Stage 2 NE18 West Side																			
Temporary Traffic Arrangement																			
RC1040	Submit and approve TTA for RC Stage 2	120	120	24-Jun-12	22-Oct-12	05-Jul-12	02-Nov-12												
Foundation Works																			
RC1210	Construct mini pile foundation for NE15 PC7 to PC12	128	127	23-Apr-12 A	24-Apr-13	27-Nov-12	07-May-13												
Stage 3 Central Median & N/B Foundation																			
Temporary Traffic Arrangement																			
RC1430	Submit and approve TTA for RC Stage 4	120	120	24-May-12	21-Sep-12	20-Feb-12	19-Jun-12												

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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	Gantt Chart															
								April				May				June				July			
								26	02	09	15	23	30	07	14	21	28	04	11	18	25	02	09
Foundation Works																							
RC1225	Construct mini pile foundation for NE17 PC20 to PC22	97	35	23-Nov-11 A	06-Jun-12	16-Nov-12	29-Dec-12	Construct mini pile foundation for NE17 PC20 to PC22															
Pile Cap & Footing																							
RC1350	Construct pile cap NE16 PC36	17	17	24-Apr-12	15-May-12	19-Jan-13	08-Feb-13	Construct pile cap NE16 PC36															
RC1360	Construct pile cap NE17 PC20 to PC22	50	50	07-Jun-12	06-Aug-12	29-Dec-12	02-Mar-13	Construct pile cap NE17 PC20 to PC22															
Construction of New Chi Lok Bridge																							
Site Investigation/Pre-drilling Works																							
CL1250	Pre-drilling works for Chi Lok bridge near Tsing Hoi Circuit PC3	14	14	25-Apr-12	12-May-12	12-Sep-14	27-Sep-14	Pre-drilling works for Chi Lok bridge near Tsing Hoi Circuit PC3															
Piling Works																							
CL1050	Construct mini pile foundation for Chi Lok bridge N/B PC5 & PC6	103	1	23-Aug-11 A	25-Apr-12	20-Feb-12	21-Feb-12	Construct mini pile foundation for Chi Lok bridge N/B PC5 & PC6															
Pile Cap																							
CL1060	Construct S/B pile cap PC1 & PC2 (2 nos.)	33	13	02-Mar-12 A	11-May-12	09-Mar-12	24-Mar-12	Construct S/B pile cap PC1 & PC2 (2 nos.)															
CL1070	Construct S/B pile cap PC5 & PC6 (2 nos.)	33	28	14-Apr-12 A	31-May-12	21-Feb-12	24-Mar-12	Construct S/B pile cap PC5 & PC6 (2 nos.)															
Column, Pier Head and Staircase																							
CL1080	Construct S/B column and column head	45	45	11-May-12	06-Jul-12	24-Mar-12	22-May-12	Construct S/B column															
CL1270	Construct N/B column and column head	45	45	31-May-12	25-Jul-12	24-Mar-12	22-May-12	Construct N/B column and column head															
CL1290	Construct near Tsing Hoi Circuit column and column head	30	30	25-Apr-12	01-Jun-12	14-Apr-12	22-May-12	Construct near Tsing Hoi Circuit column and column head															
CL1300	Construct S/B staircase and lift structure	45	45	06-Jul-12	28-Aug-12	14-Jul-12	05-Sep-12	Construct S/B staircase and lift structure															
Construction of New Siu On Bridge																							
Piling Works																							
SO1080	Construct socket H-pile foundation for Siu On bridge PC4	45	20	22-Feb-12 A	09-Jul-12	04-Mar-13	27-Mar-13	Construct socket H-pile foundation for Siu On bridge PC4															
Pile Cap																							
SO1240	Construct pile cap N/B PC5 to PC7	50	25	24-Mar-12 A	25-May-12	28-Feb-13	28-Mar-13	Construct pile cap N/B PC5 to PC7															
SO1250	Construct pile cap PC4	17	17	08-Jul-12	28-Jul-12	27-Mar-13	19-Apr-13	Construct pile cap PC4															
Column, Pier Head and Staircase																							
SO1070	Construct column and column head S/B PC1 to PC3	60	60	16-May-12	27-Jul-12	27-Mar-13	11-Jun-13	Construct column and column head S/B PC1 to PC3															
SO1270	Construct column and column head N/B PC5 to PC7	60	60	25-May-12	05-Aug-12	29-Mar-13	14-Jun-13	Construct column and column head N/B PC5 to PC7															
Construction of Retaining Wall 6SW-AFR93																							
RW+SW A.F R93																							
RW1000	Construct retaining wall 6SW-AFR93 (Base Slab) (3 bays)	50	13	05-Sep-11 A	06-Nov-12	30-Jul-13	14-Aug-13	Construct retaining wall 6SW-AFR93 (Base Slab) (3 bays)															
TCSS and Fire Fighting System																							
TCSS and Fire Fighting System																							
TCSS1000	Section 2 TCSS installation	692	522	11-Mar-11 A	25-Jan-14	11-Mar-11	27-Sep-13	Section 2 TCSS installation															
TCSS1010	Section 2 Street lighting & Fire Fighting system installation	692	522	11-Mar-11 A	25-Jan-14	11-Mar-11	27-Sep-13	Section 2 Street lighting & Fire Fighting system installation															
Section III of Works																							
Stage 1 N/B Foundation																							
Pile Cap / Footing																							
RD1710	Construct pile cap and wall NE26 PC1 to PC10	77	68	07-Mar-12 A	18-Jul-12	03-Jul-12	12-Sep-12	Construct pile cap and wall NE26 PC1 to PC10															
N/B Structural Steel Part Column Erection																							
RD1280	Erect part of NE20 N/B steel column	17	17	24-Apr-12	15-May-12	14-Jun-12	06-Jul-12	Erect part of NE20 N/B steel column															
RD1290	Erect NE25 steel column	23	23	24-Apr-12	22-May-12	07-Jun-12	06-Jul-12	Erect NE25 steel column															
Drainage Works																							
RD1300	Construct drainage N/B verge CH27950 to CH28150	67	67	24-Apr-12	16-Jul-12	13-Apr-12	06-Jul-12	Construct drainage N/B verge CH27950 to CH28150															
Roadworks																							
RD1310	Roadworks N/B verge CH27950 to CH28150	50	50	25-May-12	24-Jul-12	14-May-12	14-Jul-12	Roadworks N/B verge CH27950 to CH28150															
Stage 2 S/B Foundation																							
Temporary Traffic Arrangement																							
RD1080	Submit and approve TTA for S/B foundation	120	27	29-Jul-11 A	20-May-12	28-Jan-12	24-Feb-12	Submit and approve TTA for S/B foundation															
Utility Diversion																							
RD1070	Divert existing 150 watermain	60	24	14-Sep-11 A	24-May-12	27-Jan-12	24-Feb-12	Divert existing 150 watermain															
Pile Cap / Footing																							
RD1030	Construct pile cap NE26 PC11 to PC14	67	67	25-May-12	13-Aug-12	24-Feb-12	18-May-12	Construct pile cap NE26 PC11 to PC14															
Drainage Works																							
RD1850	Construct drainage S/B verge CH27850 to CH28050	67	67	06-Jul-12	21-Sep-12	04-Apr-12	29-Jun-12	Construct drainage S/B verge CH27850 to CH28050															
Stage 3 Central Median Foundation																							
Temporary Traffic Arrangement																							
RD1220	Submit and approve TTA for central median	120	120	11-Jun-12	08-Oct-12	16-Mar-12	14-Jul-12	Submit and approve TTA for central median															

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Activity ID	Activity Name	Original Duration	Remaining Duration	Start	Finish	Late Start	Late Finish	Gantt Chart											
								26	02	09	16	23	30	07	14	21	28	04	11
Pile Cap / Footing																			
RD1480	Construct pile cap NE26 PC15 to PC22	62	23	01-Mar-12	10-Dec-12	16-Jan-13	15-Feb-13	[Gantt bar: 01-Mar-12 to 15-Feb-13]											
Stage 4 NE18, NE21 & NE23 Foundation																			
Utility Diversion																			
RD3080	Temporary slew existing 132kv cable (132KV9) for NE18 FT13 to FT18	60	60	30-Sep-11	07-Jul-12	04-Dec-12	19-Feb-13	[Gantt bar: 30-Sep-11 to 19-Feb-13]											
Pile Cap / Footing																			
RD3040	Construct pad footing NE18 FT1 to FT9	75	75	29-May-12	25-Aug-12	14-Jan-13	19-Apr-13	[Gantt bar: 29-May-12 to 19-Apr-13]											
RD3050	Construct pad footing NE18 FT16 to FT22	58	46	19-Mar-12	31-Aug-12	19-Feb-13	19-Apr-13	[Gantt bar: 19-Mar-12 to 19-Apr-13]											
RD3060	Construct pad footing NE21 FT1 to FT3	50	50	20-Jul-12	15-Sep-12	31-Jan-13	03-Apr-13	[Gantt bar: 20-Jul-12 to 03-Apr-13]											
Stage 5 NE20 & NE22 Foundation																			
Temporary Traffic Arrangement																			
RD1120	Submit and approve TTA for Wong Chu Road Enclosure	120	120	17-May-12	13-Sep-12	24-May-12	21-Sep-12	[Gantt bar: 17-May-12 to 21-Sep-12]											
Pile Cap / Footing																			
RD1160	Construct pile cap NE20 PC8 & NE22 PC9 to PC19 (NE22 charge to footing)	67	3	14-Nov-11	12-Nov-12	16-Nov-12	20-Nov-12	[Gantt bar: 14-Nov-11 to 20-Nov-12]											
RD1570	Construct pile cap NE22 PC1 to PC8 (Charge to footing)	44	22	21-Sep-11	17-Apr-13	25-Mar-13	24-Apr-13	[Gantt bar: 21-Sep-11 to 24-Apr-13]											
Construction of Vehicular Bridge S1																			
Utility Diversion																			
S1B1000	Temporary slew existing 132kv cable (132KV-10) for Pier 10	90	5	18-Apr-11	30-Apr-12	23-Sep-14	27-Sep-14	[Gantt bar: 18-Apr-11 to 27-Sep-14]											
Piling Works																			
S1B3030	Construct Bored Pile foundation Pier 7 (4nos. 1.5m dia)	40	20	07-Jan-12	18-May-12	07-Feb-12	01-Mar-12	[Gantt bar: 07-Jan-12 to 01-Mar-12]											
S1B3070	Construct Bored Pile foundation Pier 3 (3nos. 1.5m dia)	30	20	16-Feb-12	12-Jun-12	24-Mar-12	20-Apr-12	[Gantt bar: 16-Feb-12 to 20-Apr-12]											
S1B3080	Construct Bored Pile foundation Pier 2 (2nos. 1.5m dia)	20	20	13-Jun-12	07-Jul-12	20-Apr-12	16-May-12	[Gantt bar: 13-Jun-12 to 16-May-12]											
S1B3090	Construct Bored Pile foundation Pier 1 (1nos. 1.5m dia)	10	10	09-Jul-12	19-Jul-12	16-May-12	29-May-12	[Gantt bar: 09-Jul-12 to 29-May-12]											
S1B3110	Construct socket H-pile foundation North Abutment	24	22	28-Feb-12	14-Aug-12	29-May-12	23-Jun-12	[Gantt bar: 28-Feb-12 to 23-Jun-12]											
Pile Cap																			
S1B4030	Construct pile cap Pier 7	30	30	23-Jun-12	28-Jul-12	23-Jun-12	30-Jul-12	[Gantt bar: 23-Jun-12 to 30-Jul-12]											
S1B4040	Construct pile cap Pier 8	30	30	21-May-12	26-Jun-12	02-Mar-12	10-Apr-12	[Gantt bar: 21-May-12 to 10-Apr-12]											
S1B4050	Construct pile cap Pier 9	30	30	14-Apr-12	25-Jun-12	28-Apr-12	05-Jun-12	[Gantt bar: 14-Apr-12 to 05-Jun-12]											
S1B4060	Construct pile cap Pier 10	30	30	02-Jun-12	09-Jul-12	23-Jun-12	30-Jul-12	[Gantt bar: 02-Jun-12 to 30-Jul-12]											
S1B4070	Construct pile cap Pier 3	30	30	18-Jul-12	21-Aug-12	11-Jun-12	18-Jul-12	[Gantt bar: 18-Jul-12 to 18-Jul-12]											
S1B4100	Construct South Abutment	75	75	19-May-12	17-Aug-12	31-May-12	29-Aug-12	[Gantt bar: 19-May-12 to 29-Aug-12]											
Pier and Pier Head																			
S1B5000	Construct Column & Column Head for Pier 4	45	45	24-Apr-12	18-Jun-12	05-Jun-12	30-Jul-12	[Gantt bar: 24-Apr-12 to 30-Jul-12]											
S1B5010	Construct Column & Column Head for Pier 5	45	45	19-Jun-12	11-Aug-12	30-Jul-12	20-Sep-12	[Gantt bar: 19-Jun-12 to 20-Sep-12]											
S1B5020	Construct Column & Column Head for Pier 6	45	45	24-Apr-12	18-Jun-12	05-Jun-12	30-Jul-12	[Gantt bar: 24-Apr-12 to 30-Jul-12]											
S1B5040	Construct Column & Column Head for Pier 8	45	45	27-Jun-12	18-Aug-12	10-Apr-12	05-Jun-12	[Gantt bar: 27-Jun-12 to 05-Jun-12]											
Stage 2 NE27 Central Median Foundation																			
Concrete Column at Central Barrier																			
RE1100	Erect NE27 N/B steel column	45	45	24-Apr-12	18-Jun-12	21-Jul-12	12-Sep-12	[Gantt bar: 24-Apr-12 to 12-Sep-12]											
Drainage Works																			
RE1065	Construct drainage central barrier CH27550 to CH27750	67	32	25-Feb-12	18-Jun-12	06-Aug-12	12-Sep-12	[Gantt bar: 25-Feb-12 to 12-Sep-12]											
Roadworks																			
RE1192	Roadworks central barrier CH27550 to CH27750	50	50	11-May-12	12-Jul-12	06-Aug-12	05-Oct-12	[Gantt bar: 11-May-12 to 05-Oct-12]											
RE1200	Existing N/B road reconstruction ML CH27550 to CH27750	67	67	12-Jul-12	29-Sep-12	11-Jul-13	27-Sep-13	[Gantt bar: 12-Jul-12 to 27-Sep-13]											
Construction of Reinforced Earth Wall 6SW-A/R10																			
REW1010	Construct RE wall 6SW-A/R10 (7 bays)	120	120	28-Feb-12	21-Sep-12	12-May-12	05-Oct-12	[Gantt bar: 28-Feb-12 to 05-Oct-12]											
TCSS and Fire Fighting System																			
TCSS and Fire Fighting System																			
TCSS1020	Section 3 TCSS installation	644	497	13-Jan-11	23-Dec-13	13-Jan-11	27-Sep-13	[Gantt bar: 13-Jan-11 to 27-Sep-13]											
TCSS1030	Section 3 Street lighting & Fire Fighting system installation	644	497	13-Jan-11	23-Dec-13	13-Jan-11	27-Sep-13	[Gantt bar: 13-Jan-11 to 27-Sep-13]											
Section III C of Works																			
Landscaping Works																			
Landscaping Works																			
3C1010	Compensatory planting works at Location No.27 (9 nos.)	18	18	10-May-12	04-Jun-12	18-Jun-14	11-Jul-14	[Gantt bar: 10-May-12 to 11-Jul-14]											
3C1020	Compensatory planting works at Location No.28 (6 nos.)	18	18	28-May-12	20-Jun-12	04-Jul-14	29-Jul-14	[Gantt bar: 28-May-12 to 29-Jul-14]											





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

TMR Town Centre Section 3 Months Rolling Programme WP03-5 (25 Apr 2012)

Date	Revision	Checked	Approved
25-Apr-12	1204	Tim	

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	Gantt Chart																			
								Apr 27		May 28			June 29			July 30											
								26	02	09	16	23	30	07	14	21	28	04	11	18	25	02	09	16			
3C1090	Compensatory planting works at Location No.32 (4 nos.)	18	18	24-Apr-12	17-May-12	02-Jun-14	25-Jun-14	Compensatory planting works at Location No.32 (4 nos.)																			
3C1100	Compensatory planting works at Location No.33 (3 nos. tree pot)	12	12	24-Apr-12	09-May-12	14-Jul-14	29-Jul-14	Compensatory planting works at Location No.33 (3 nos. tree pot)																			
3C1150	Compensatory planting works at Location No.34C (5 nos.)	18	18	28-May-12	20-Jun-12	04-Jul-14	29-Jul-14	Compensatory planting works at Location No.34C (5 nos.)																			
Establishment Works																											
Establishment Works																											
3C1170	Establishment Works (Nos. 26, 27, 28, 29, 30, 30A, 31, 31A, 31B, 32, 33, 33B, 34, 34A, 34B, 34C, 34D)	365	68	26-Feb-11 A	19-Aug-12	22-Jul-14	27-Sep-14																				
Section III E of Works																											
Landscaping Works																											
Establishment Works																											
3E1080	Establishment Works (Nos. 46, 46A, 46B, 47A, 47C, 47D, 47E & 47F)	365	118	26-Feb-11 A	19-Aug-12	02-Jun-14	27-Sep-14																				
Section III G of Works																											
Landscaping Works																											
Landscaping Works																											
3G1010	Compensatory planting works at Location No.2 (3 nos.)	12	12	18-May-12	04-Jun-12	13-Apr-11	28-Apr-11	Compensatory planting works at Location No.2 (3 nos.)																			
3G1040	Compensatory planting works at Location No.6 (2 nos. tree pot)	12	12	28-May-12	12-Jun-12	21-Apr-11	06-May-11	Compensatory planting works at Location No.6 (2 nos. tree pot)																			
3G1050	Compensatory planting works at Location No.8 (2 nos. tree pot)	12	12	05-Jun-12	20-Jun-12	28-Apr-11	16-May-11	Compensatory planting works at Location No.8 (2 nos. tree pot)																			
3G1060	Compensatory planting works at Location No.9 (2 nos. tree pot)	12	12	13-Jun-12	28-Jun-12	08-May-11	24-May-11	Compensatory planting works at Location No.9 (2 nos. tree pot)																			
3G1070	Compensatory planting works at Location No.10 (9 nos.)	18	18	29-Jun-12	24-Jul-12	25-May-11	17-Jun-11	Compensatory planting works at Location No.10 (9 nos.)																			
3G1090	Compensatory planting works at Location No.13 (10 nos.)	18	18	24-Apr-12	17-May-12	18-Mar-11	12-Apr-11	Compensatory planting works at Location No.13 (10 nos.)																			
3G1100	Compensatory planting works at Location No.13A (4 nos.)	12	12	10-May-12	25-May-12	05-Apr-11	20-Apr-11	Compensatory planting works at Location No.13A (4 nos.)																			
3G1120	Compensatory planting works at Location No.14 (5 nos. tree pot)	12	12	17-Jul-12	01-Aug-12	10-Jun-11	27-Jun-11	Compensatory planting works at Location No.14 (5 nos. tree pot)																			
3G1130	Compensatory planting works at Location No.15 (6 nos. tree pot)	12	12	21-Jun-12	06-Jul-12	17-May-11	01-Jun-11	Compensatory planting works at Location No.15 (6 nos. tree pot)																			
Section IV of Works																											
Preservation and Protection of Existing Trees																											
Preservation and Protection of Existing Trees																											
S4-1000	Preservation and protection of trees	982	561	26-Feb-10 A	14-Mar-14	07-Nov-11	27-Sep-13																				

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

TMR Town Centre Section 3 Months Rolling Programme WP03-5 (25 Apr 2012)

Date	Revision	Checked	Approved
25-Apr-12	1204	Tim	

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 - April 2012 Revision 1**

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

	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

**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	<p>Good site practice and management can significantly reduce the noise impact of construction site activities on nearby NSRs</p> <ul style="list-style-type: none"> • 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	<p style="text-align: center;">✓</p> <p style="text-align: center;">✓</p> <p style="text-align: center;">✓</p> <p style="text-align: center;">Rdr</p> <p style="text-align: center;">✓</p>
3.8.4	2.8.3	Use of quieter mechanical equipment	Works Sites / During Construction Phase	✓
3.8.9	2.8.4	<p>Provision of movable noise barrier in the vicinity of the following NSRs</p> <ul style="list-style-type: none"> • 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 *
		<ul style="list-style-type: none"> • 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	<p>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.</p> <ul style="list-style-type: none"> • 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	✓

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	✓

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 *
		<i>Air Quality Control</i>		
4.8.1	3.11.2	<p>Implementation of dust suppression measures stipulated in Air Pollution Control (Construction Dust) Regulation.</p> <ul style="list-style-type: none"> • 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 	Works Sites / During Construction Phase	<p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p>

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 <ul style="list-style-type: none"> 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 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. 		✓ Obs ✓ ✓ ✓

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 <ul style="list-style-type: none"> 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 	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 *
		<p>reduce the potential of soil erosion.</p> <ul style="list-style-type: none"> 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. 		Obs
5.8.3 - 5.8.4	4.3.3	<p>General Construction Activities</p> <ul style="list-style-type: none"> 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	<p>✓</p> <p>✓</p> <p>Obs</p>
5.8.5	4.3.4	<p>Sewage from Construction Workforce</p> <ul style="list-style-type: none"> 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	✓

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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	<p><i>Good Site Practices</i></p> <ul style="list-style-type: none"> • 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 minimize 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	<p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p> <p>✓</p>
6.6.5	5.2.6	<p><i>Chemical Wastes</i></p> <ul style="list-style-type: none"> • 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	<p>Obs</p> <p>✓</p>
6.6.6	5.2.7	<p><i>General Refuse</i></p> <ul style="list-style-type: none"> • 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	<p>✓</p> <p>✓</p> <p>✓</p>

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	<p><i>Waste Reduction Measures</i></p> <p>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:</p> <ul style="list-style-type: none"> • 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	<p style="text-align: center;">✓</p> <p style="text-align: center;">✓</p> <p style="text-align: center;">✓</p> <p style="text-align: center;">✓</p> <p style="text-align: center;">✓</p> <p style="text-align: center;">✓</p> <p style="text-align: center;">✓</p>
6.6.4	5.2.5	<p><i>Construction and Demolition (C&D) Material</i></p> <ul style="list-style-type: none"> • 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	<p style="text-align: center;">✓</p> <p style="text-align: center;">✓</p> <p style="text-align: center;">✓</p> <p style="text-align: center;">✓</p>

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	✓
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: <ul style="list-style-type: none"> • regular watering • complete coverage of dusty material storage piles • the use of minimum practical height for dropping excavated material 	Works Sites / During Construction Phase	✓ ✓ ✓
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: <ul style="list-style-type: none"> • 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 ✓

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: <ul style="list-style-type: none"> • 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

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EIA Ref #	EM&A Ref	Environmental Protection Measures / Mitigation Measures	Location / Timing	Status *
<i>Landscape and Visual</i>				
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.		✓
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 *
		<i>Land Contamination</i>		
9.8.3	8.2.2	<p>To minimize construction workers' potential contact with the contaminated materials</p> <ul style="list-style-type: none"> • 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

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

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 D

**Calibration Certificates
and Spreadsheets of
Air Monitoring
Equipments**



TISCH ENVIRONMENTAL, INC.
 145 SOUTH MIAMI AVE.
 VILLAGE OF CLEVELAND, 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 - Feb 22, 2012 Roots-meter S/N 0438320 Ta (K) - 295
 Operator Tisch Orifice I.D. - 1378 Pa (mm) - 740.41

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	1.3940	3.2	2.00
2	NA	NA	1.00	0.9740	6.4	4.00
3	NA	NA	1.00	0.8720	8.0	5.00
4	NA	NA	1.00	0.8340	8.8	5.50
5	NA	NA	1.00	0.6870	12.8	8.00

DATA TABULATION

Vstd	(x axis) Qstd	(y axis)	Va	(x axis) Qa	(y axis)
0.9799	0.7029	1.4029	0.9957	0.7142	0.8927
0.9756	1.0017	1.9841	0.9914	1.0178	1.2624
0.9734	1.1163	2.2183	0.9891	1.1343	1.4114
0.9724	1.1660	2.3265	0.9881	1.1848	1.4803
0.9671	1.4077	2.8059	0.9827	1.4304	1.7853
Qstd slope (m) = 1.99405			Qa slope (m) = 1.24864		
intercept (b) = -0.00397			intercept (b) = -0.00252		
coefficient (r) = 0.99984			coefficient (r) = 0.99984		
y axis = $\text{SQRT}[\text{H2O}(\text{Pa}/760)(298/\text{Ta})]$			y axis = $\text{SQRT}[\text{H2O}(\text{Ta}/\text{Pa})]$		

CALCULATIONS

$$\text{Vstd} = \text{Diff. Vol} [(\text{Pa} - \text{Diff. Hg}) / 760] (298 / \text{Ta})$$

$$\text{Qstd} = \text{Vstd} / \text{Time}$$

$$\text{Va} = \text{Diff Vol} [(\text{Pa} - \text{Diff Hg}) / \text{Pa}]$$

$$\text{Qa} = \text{Va} / \text{Time}$$

For subsequent flow rate calculations:

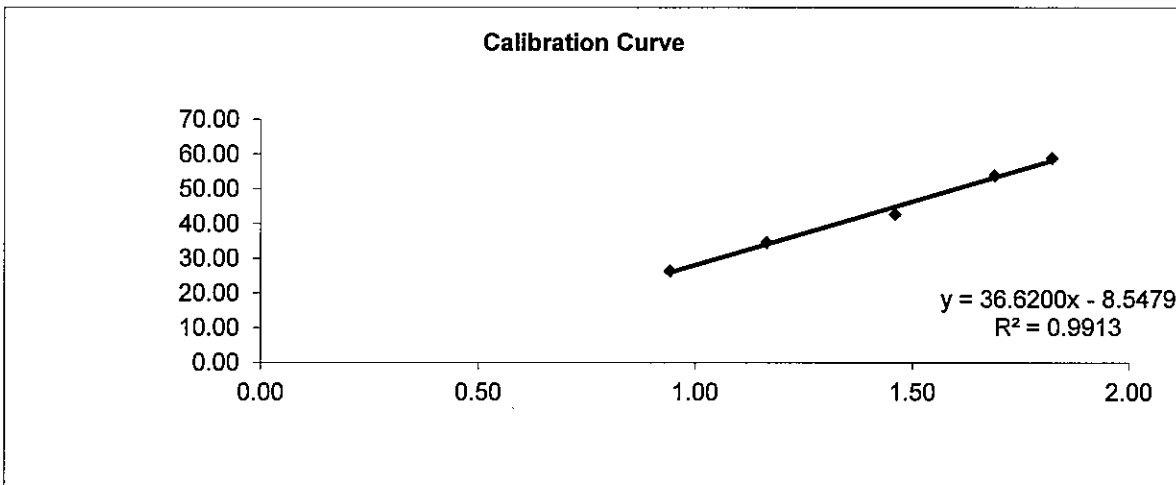
$$\text{Qstd} = 1/m \{ [\text{SQRT}(\text{H2O}(\text{Pa}/760)(298/\text{Ta}))] - b \}$$

$$\text{Qa} = 1/m \{ [\text{SQRT} \text{H2O}(\text{Ta}/\text{Pa})] - b \}$$

Ove Arup Partners Hong Kong Limited
High Volume Air Sampler Calibration Worksheet

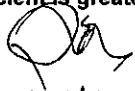
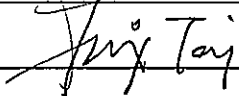
Calibration date	23-Mar-12	Barometric pressure	764 mm Hg
Next Calibration date	22-May-12	Temperature (°C)	17 °C
Sampler location	AW Boon Haw Secondary School	Temperature (K)	290 K
Sampler model	TE-5170	P _{std}	760 mm Hg
Sampler serial number	521	T _{std}	298 K
Calibrator model		GMW-2535	
Calibrator 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 ₂ O)	Flow Recorder Reading (CFM)	Calculated Q _{std} (m ³ /min)	Continuous Flow Recorder Reading IC (CFM)
5	3.40	26.00	0.94	26.43
7	5.20	34.00	1.16	34.56
10	8.20	42.00	1.46	42.69
13	11.00	53.00	1.69	53.87
18	12.80	58.00	1.82	58.95



Linear Regression
 Sampler slope (m) : **36.6200**
 Sampler intercept (b) : **-8.5479**
 Correlation coefficient (R²) : **0.9913**

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

Performed by: 
 Checked by: 

Date: 23/3/2012
 Date: 23/3/2012

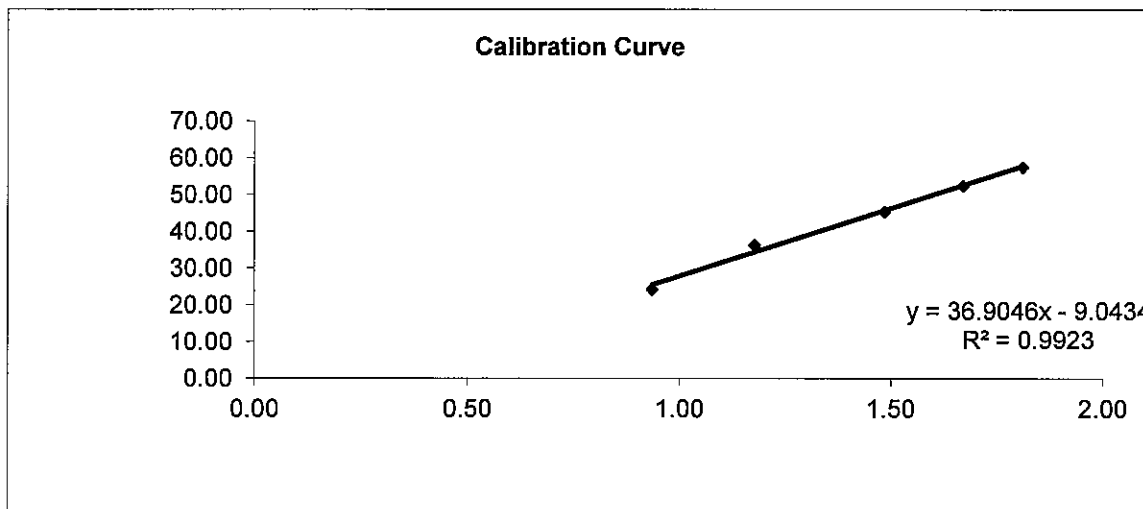
Ove Arup Partners Hong Kong Limited

High Volume Air Sampler Calibration Worksheet

Calibration date	12-Mar-12	Barometric pressure	760 mm Hg
Next Calibration date	11-May-12	Temperature (°C)	20 °C
Sampler location	Tai Tung Pui Social Service	Temperature (K)	293 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 ₂ O)	Flow Recorder Reading (CFM)	Calculated Q _{std} (m ³ /min)	Continuous Flow Recorder Reading IC (CFM)
5	3.40	24.00	0.93	24.20
7	5.40	36.00	1.18	36.31
10	8.60	45.00	1.48	45.38
13	10.90	52.00	1.67	52.44
18	12.80	57.00	1.81	57.48



Linear Regression

Sampler slope (m) :	36.9046
Sampler intercept (b) :	-9.0434
Correlation coefficient (R ²) :	0.9923

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

Performed by: _____

Date: _____

Checked by: _____

Date: _____

[Handwritten Signature]

[Handwritten Signature: Tai]

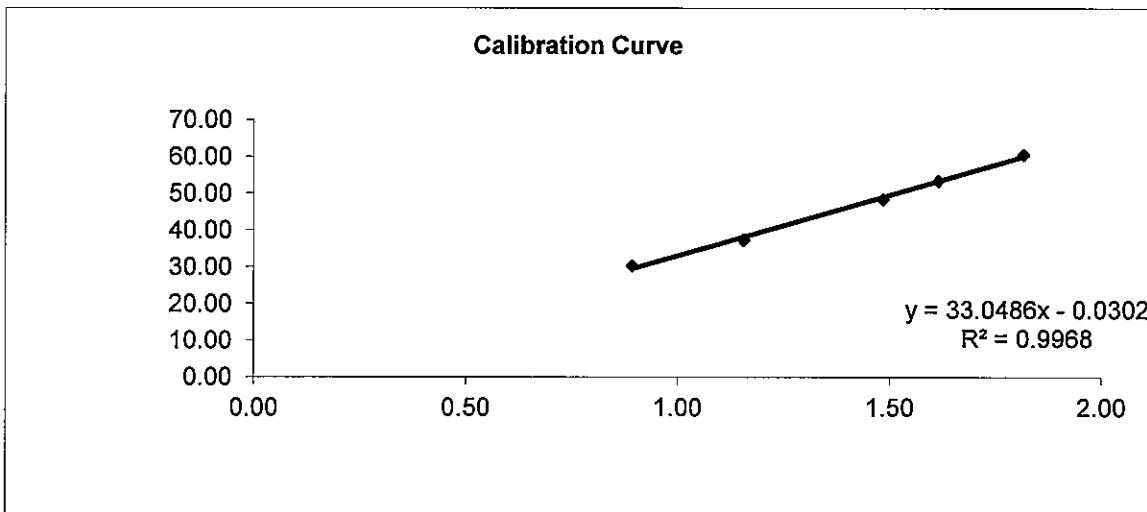
23/3/2012

23/3/2012

Ove Arup Partners Hong Kong Limited
High Volume Air Sampler Calibration Worksheet

Calibration date	23-Mar-12	Barometric pressure	760 mm Hg
Next Calibration date	22-May-12	Temperature (°C)	20 °C
Sampler location	Wu Siu Kui Primary School	Temperature (K)	293 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 ₂ O)	Flow Recorder Reading (CFM)	Calculated Q _{std} (m ³ /min)	Continuous Flow Recorder Reading IC (CFM)
5	3.10	30.00	0.89	30.25
7	5.20	37.00	1.15	37.31
10	8.60	48.00	1.48	48.41
13	10.20	53.00	1.62	53.45
18	12.90	60.00	1.82	60.51



Linear Regression

Sampler slope (m) : **33.0486**
 Sampler intercept (b) : **-0.0302**
 Correlation coefficient (R²) : **0.9968**

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

Performed by: 
 Checked by: 

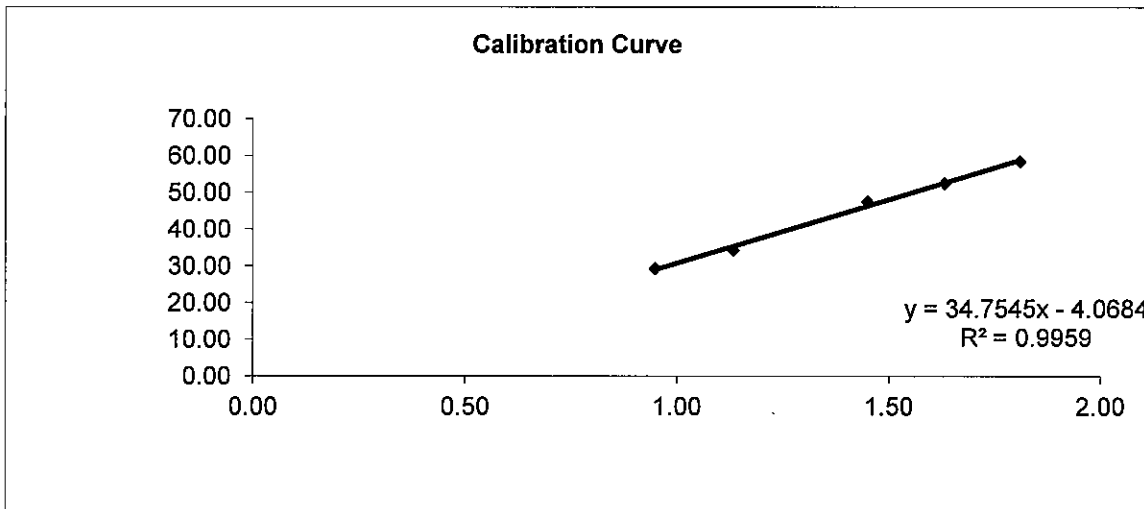
Date: 23/3/2012
 Date: 23/3/2012

Ove Arup Partners Hong Kong Limited
High Volume Air Sampler Calibration Worksheet

Calibration date	23-Mar-12	Barometric pressure	760 mm Hg
Next Calibration date	22-May-12	Temperature (°C)	20 °C
Sampler location	Choi Cheung Kok Secondary	Temperature (K)	293 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 ₂ O)	Flow Recorder Reading (CFM)	Calculated Q _{std} (m ³ /min)	Continuous Flow Recorder Reading IC (CFM)
5	3.50	29.00	0.95	29.25
7	5.00	34.00	1.13	34.29
10	8.20	47.00	1.45	47.40
13	10.40	52.00	1.63	52.44
18	12.80	58.00	1.81	58.49



Linear Regression

Sampler slope (m) :	34.7545
Sampler intercept (b) :	-4.0684
Correlation coefficient (R ²) :	0.9959

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

Performed by: On

Date: 23/3/2012

Checked by: Jix Tai

Date: 23/3/2012

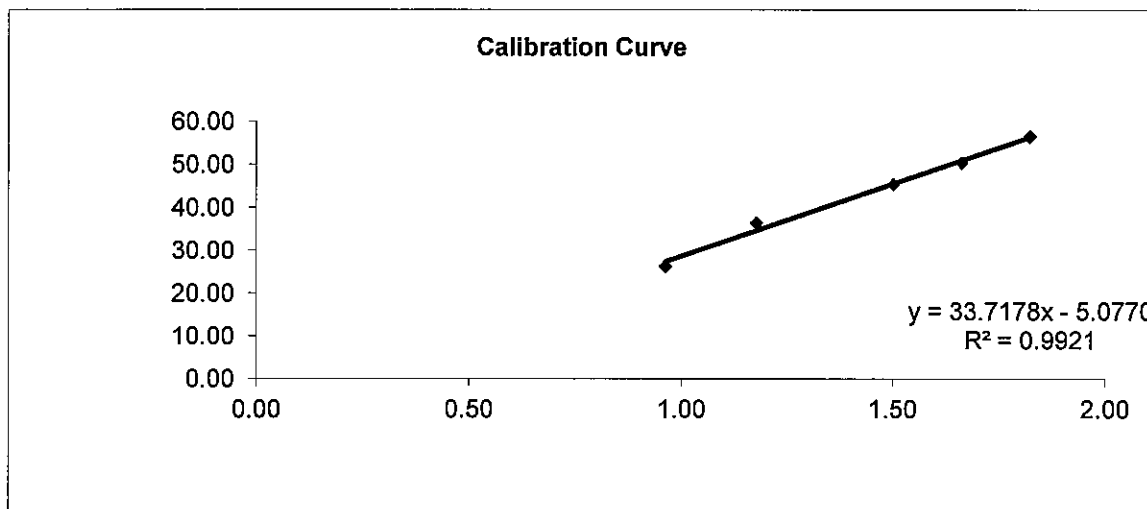
Ove Arup Partners Hong Kong Limited

High Volume Air Sampler Calibration Worksheet

Calibration date	23-Mar-12	Barometric pressure	760 mm Hg
Next Calibration date	22-May-12	Temperature (°C)	20 °C
Sampler location	Tuen Mun Town Hall	Temperature (K)	293 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 ₂ O)	Flow Recorder Reading (CFM)	Calculated Q _{std} (m ³ /min)	Continuous Flow Recorder Reading IC (CFM)
5	3.60	26.00	0.96	26.22
7	5.40	36.00	1.18	36.31
10	8.80	45.00	1.50	45.38
13	10.80	50.00	1.66	50.42
18	13.00	56.00	1.82	56.48



Linear Regression

Sampler slope (m) : **33.7178**
 Sampler intercept (b) : **-5.0770**
 Correlation coefficient (R²) : **0.9921**

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

Performed by: *ON*

Date: 23/3/2012

Checked by: *Tung Tai*

Date: 23/3/2012

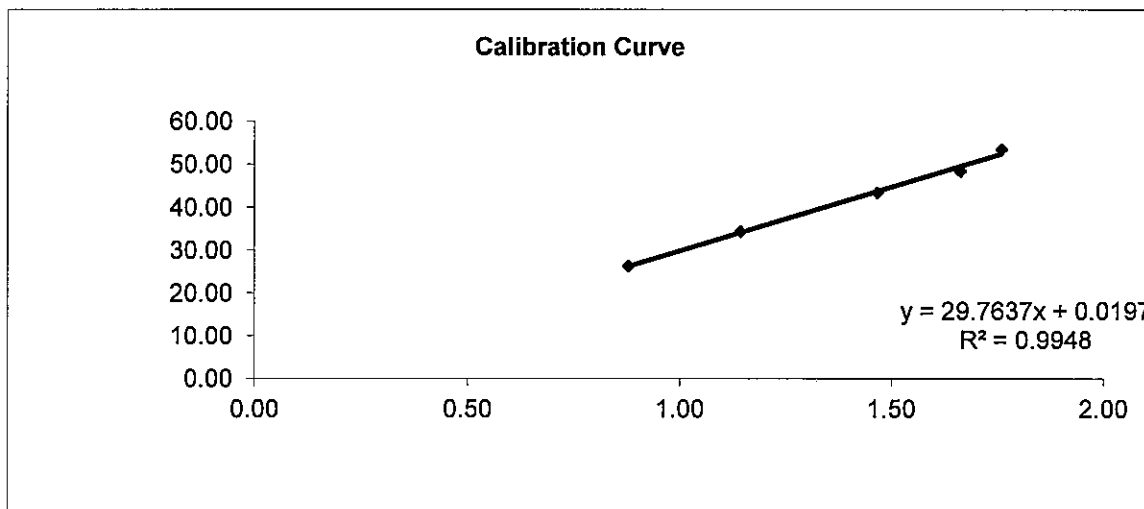
Ove Arup Partners Hong Kong Limited

High Volume Air Sampler Calibration Worksheet

Calibration date	23-Mar-12	Barometric pressure	760 mm Hg
Next Calibration date	22-May-12	Temperature (°C)	20 °C
Sampler location	Yan Oi Tong	Temperature (K)	293 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 ₂ O)	Flow Recorder Reading (CFM)	Calculated Q _{std} (m ³ /min)	Continuous Flow Recorder Reading IC (CFM)
5	3.00	26.00	0.88	26.22
7	5.10	34.00	1.14	34.29
10	8.40	43.00	1.47	43.37
13	10.80	48.00	1.66	48.41
18	12.10	53.00	1.76	53.45

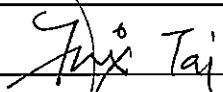


Linear Regression

Sampler slope (m) :	29.7637
Sampler intercept (b) :	0.0197
Correlation coefficient (R ²) :	0.9948

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

Performed by: 

Checked by: 

Date: 23/3/2012

Date: 23/3/2012

ThermoFisher
SCIENTIFIC
27 FORGE PARKWAY
FRANKLIN MA 02038
TOLL FREE: 866-282-0430
TEL: 508-553-6949
FAX: 508-541-8366
www.thermofisher.com

PDR1000 CALIBRATION CERTIFICATE

This calibration is traceable to the National Institute of Standards and Technology

<u>SERIAL NUMBER:</u>	4715
<u>CALIBRATION RATIO:</u>	1.011
<u>AVG. PDR CONCENTRATION:</u>	1.07 mg/m ³
<u>MASTER AVG CONCENTRATION:</u>	0.95 mg/m ³
<u>PDR BACKGROUND CONCENTRATION:</u>	0.123 mg/m ³

TEMPERATURE:	74 F
RH:	56 %

CALIBRATION MASTER: D319
LAST CALIBRATED: 5/15/2011

TECHNICIAN: Ramon Almarite

DATE: 6-24-11

Appendix E

**Impact Air Quality
Monitoring Results**

**Agreement No. HMW 5/2009 (EP) Traffic Improvements 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 (mins.)	Total vol. (m ³)	(ug/m ³) AM1
						Initial	Final	Initial	Final	Initial	Final	Initial	Final		Initial	Final		Start	Finish			
130658	Apr-12	3-Apr-12	AM1	Fine	Normal Operation	762.0	762.0	24.0	25.0	50.0	50.0	2.7452	2.8042	0.0590	1.6011	1.5988	1.6000	12529.30	12553.30	1440.00	2303.93	25.6
130660	Apr-12	10-Apr-12	AM1	Fine	Normal Operation	759.0	758.0	23.0	25.0	50.0	50.0	2.7443	2.7843	0.0400	1.6008	1.5953	1.5981	12553.30	12577.30	1440.00	2301.19	17.4
130670	Apr-12	16-Apr-12	AM1	Rainy	Normal Operation	756.0	756.0	26.0	21.0	50.0	50.0	2.7507	2.7725	0.0218	1.5912	1.6026	1.5969	12577.30	12601.30	1440.00	2299.54	9.5
130677	Apr-12	20-Apr-12	AM1	Rainy	Normal Operation	756.0	756.0	22.0	23.0	50.0	50.0	2.741	2.7867	0.0457	1.6003	1.5980	1.5992	12601.30	12625.30	1440.00	2302.78	19.8
130682	Apr-12	26-Apr-12	AM1	Cloudy	Normal Operation	757.0	756.0	22.0	21.0	50.0	50.0	2.747	2.8148	0.0678	1.6013	1.6026	1.6020	12625.30	12649.30	1440.00	2306.81	29.4

Average (ug/m ³)	20.3
Max (ug/m ³)	29.4
Min (ug/m ³)	9.5

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

Agreement No. HMW 5/2009 (EP) Traffic Improvements 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)	(ug/m ³) AM2
						Initial	Final	Initial	Final	Initial	Final	Initial	Final		Initial	Final		Start	Finish			
130659	Apr-12	3-Apr-12	AM2	Fine	Normal Operation	762.0	762.0	24.0	25.0	50.0	50.0	2.7484	2.7691	0.0207	1.6040	1.6017	1.6029	6683.10	6707.10	1440.00	2308.10	9.0
130665	Apr-12	10-Apr-12	AM2	Fine	Normal Operation	759.0	758.0	23.0	25.0	50.0	50.0	2.7602	2.8091	0.0489	1.6036	1.5981	1.6009	6707.10	6731.10	1440.00	2305.22	21.2
130671	Apr-12	16-Apr-12	AM2	Rainy	Normal Operation	756.0	756.0	26.0	21.0	50.0	50.0	2.7671	2.7932	0.0261	1.5941	1.6055	1.5998	6731.10	6755.10	1440.00	2303.71	11.3
130679	Apr-12	20-Apr-12	AM2	Rainy	Normal Operation	756.0	756.0	22.0	23.0	50.0	50.0	2.7327	2.7769	0.0442	1.6032	1.6009	1.6021	6755.10	6779.10	1440.00	2306.95	19.2
130683	Apr-12	26-Apr-12	AM2	Cloudy	Normal Operation	757.0	756.0	22.0	21.0	50.0	50.0	2.7538	2.8413	0.0875	1.6041	1.6055	1.6048	6779.10	6803.10	1440.00	2310.91	37.9

Average (ug/m³)	19.7
Max (ug/m³)	37.9
Min (ug/m³)	9.0

Action Level (ug/m³)	151
Limit Level (ug/m³)	260

**Agreement No. HMW 5/2009 (EP) Traffic Improvements 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)	(ug/m ³) AM3
						Initial	Final	Initial	Final	Initial	Final	Initial	Final		Initial	Final		Start	Finish			
130661	Apr-12	3-Apr-12	AM3	Fine	Normal Operation	762.0	762.0	24.0	25.0	50.0	50.0	2.7446	2.8083	0.0637	1.5184	1.5158	1.5171	10849.39	10873.39	1440.00	2184.62	29.2
130666	Apr-12	10-Apr-12	AM3	Fine	Normal Operation	759.0	758.0	23.0	25.0	50.0	50.0	2.7641	2.7985	0.0344	1.5180	1.5119	1.5150	10873.39	10897.39	1440.00	2181.53	15.8
130672	Apr-12	16-Apr-12	AM3	Rainy	Normal Operation	756.0	756.0	26.0	21.0	50.0	50.0	2.7597	2.7902	0.0305	1.5073	1.5200	1.5137	10897.39	10921.39	1440.00	2179.66	14.0
130680	Apr-12	20-Apr-12	AM3	Rainy	Normal Operation	756.0	756.0	22.0	23.0	50.0	50.0	2.7226	2.7824	0.0598	1.5175	1.5149	1.5162	10921.39	10945.39	1440.00	2183.33	27.4
130684	Apr-12	26-Apr-12	AM3	Cloudy	Normal Operation	757.0	756.0	22.0	21.0	50.0	50.0	2.7525	2.8081	0.0556	1.5186	1.5200	1.5193	10945.39	10969.39	1440.00	2187.79	25.4

Average (ug/m ³)	22.4
Max (ug/m ³)	29.2
Min (ug/m ³)	14.0

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

**Agreement No. HMW 5/2009 (EP) Traffic Improvements 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)	(ug/m ³) AM4
						Initial	Final	Initial	Final	Initial	Final	Initial	Final		Initial	Final		Start	Finish			
130662	Apr-12	3-Apr-12	AM4	Fine	Normal Operation	762.0	762.0	24.0	25.0	50.0	50.0	2.746	2.7840	0.0380	1.5600	1.5576	1.5588	11731.12	11755.12	1440.00	2244.67	16.9
130667	Apr-12	10-Apr-12	AM4	Fine	Normal Operation	759.0	758.0	23.0	25.0	50.0	50.0	2.7564	2.7801	0.0237	1.5597	1.5539	1.5568	11755.12	11779.12	1440.00	2241.79	10.6
130673	Apr-12	16-Apr-12	AM4	Rainy	Normal Operation	756.0	756.0	26.0	21.0	50.0	50.0	2.7469	2.7903	0.0434	1.5495	1.5616	1.5556	11779.12	11803.12	1440.00	2239.99	19.4
130681	Apr-12	20-Apr-12	AM4	Rainy	Normal Operation	756.0	756.0	22.0	23.0	50.0	50.0	2.7379	2.8003	0.0624	1.5592	1.5568	1.5580	11803.12	11827.12	1440.00	2243.52	27.8
130687	Apr-12	26-Apr-12	AM4	Cloudy	Normal Operation	757.0	756.0	22.0	21.0	50.0	50.0	2.7378	2.8490	0.1112	1.5602	1.5616	1.5609	11827.12	11851.12	1440.00	2247.70	49.5

Average (ug/m ³)	24.8
Max (ug/m ³)	49.5
Min (ug/m ³)	10.6

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

**Agreement No. HMW 5/2009 (EP) Traffic Improvements 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 (mins.)	Total vol. (m ³)	(ug/m ³) AM5
						Initial	Final	Initial	Final	Initial	Final	Initial	Final		Initial	Final		Start	Finish			
130663	Apr-12	3-Apr-12	AM5	Fine	Normal Operation	762.0	762.0	24.0	25.0	50.0	50.0	2.7487	2.7754	0.0267	1.6379	1.6354	1.6367	11517.27	11541.27	1440.00	2356.78	11.3
130668	Apr-12	10-Apr-12	AM5	Fine	Normal Operation	759.0	758.0	23.0	25.0	50.0	50.0	2.7559	2.7867	0.0308	1.6375	1.6315	1.6345	11541.27	11565.27	1440.00	2353.68	13.1
130675	Apr-12	16-Apr-12	AM5	Rainy	Normal Operation	756.0	756.0	26.0	21.0	50.0	50.0	2.7527	2.8017	0.0490	1.6271	1.6396	1.6334	11565.27	11589.27	1440.00	2352.02	20.8
130685	Apr-12	20-Apr-12	AM5	Rainy	Normal Operation	756.0	756.0	22.0	23.0	50.0	50.0	2.756	2.8176	0.0616	1.6371	1.6346	1.6359	11589.27	11613.27	1440.00	2355.62	26.2
130688	Apr-12	26-Apr-12	AM5	Cloudy	Normal Operation	757.0	756.0	22.0	21.0	50.0	50.0	2.738	2.7984	0.0604	1.6381	1.6396	1.6389	11613.27	11637.27	1440.00	2359.94	25.6

Average (ug/m ³)	19.4
Max (ug/m ³)	26.2
Min (ug/m ³)	11.3

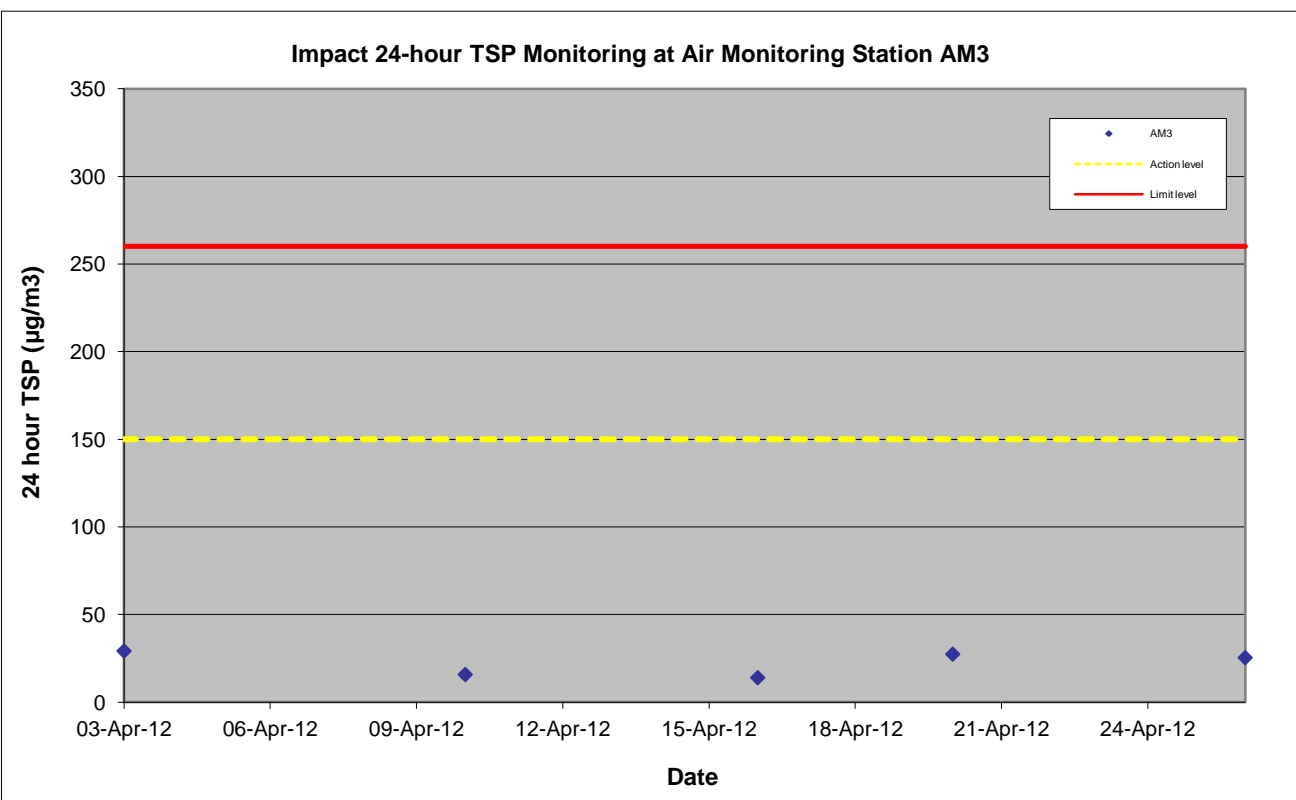
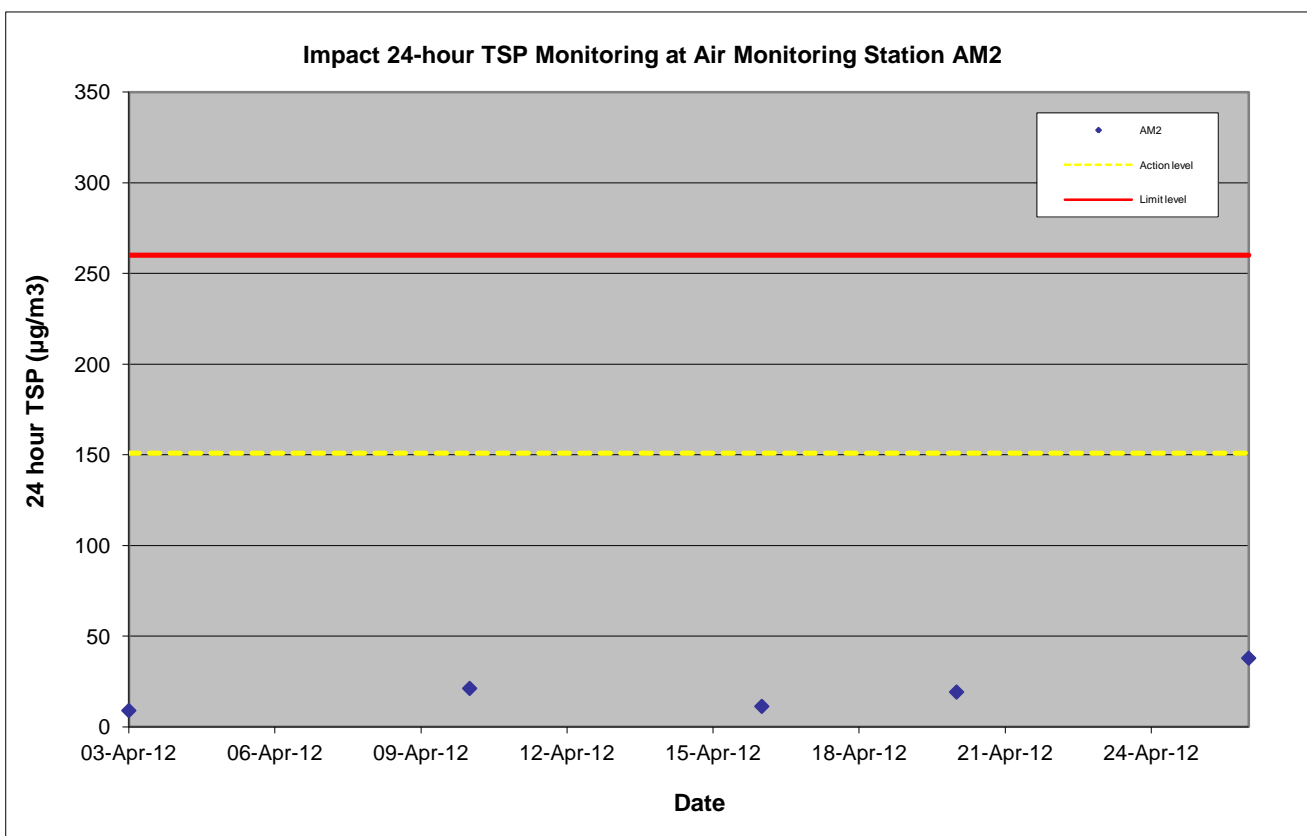
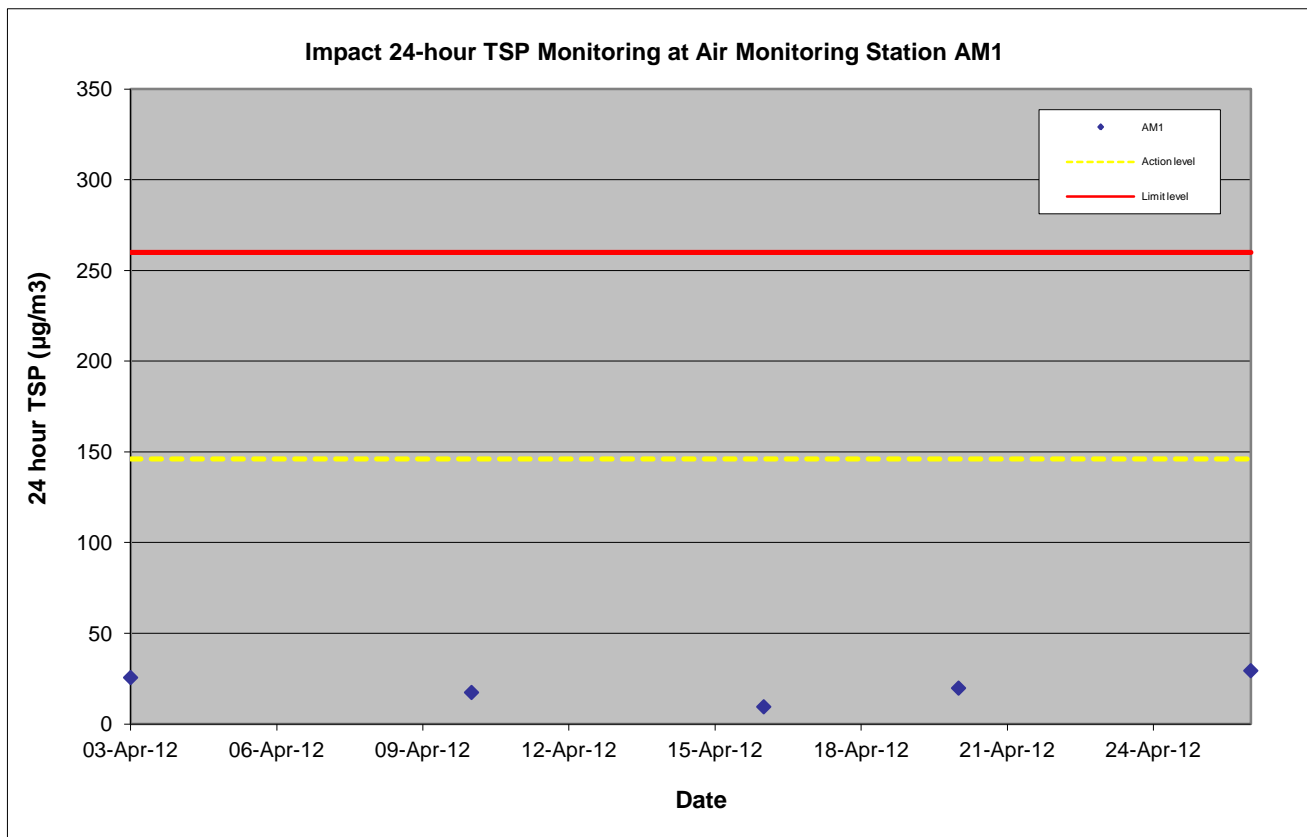
Action Level (ug/m ³)	146
Limit Level (ug/m ³)	260

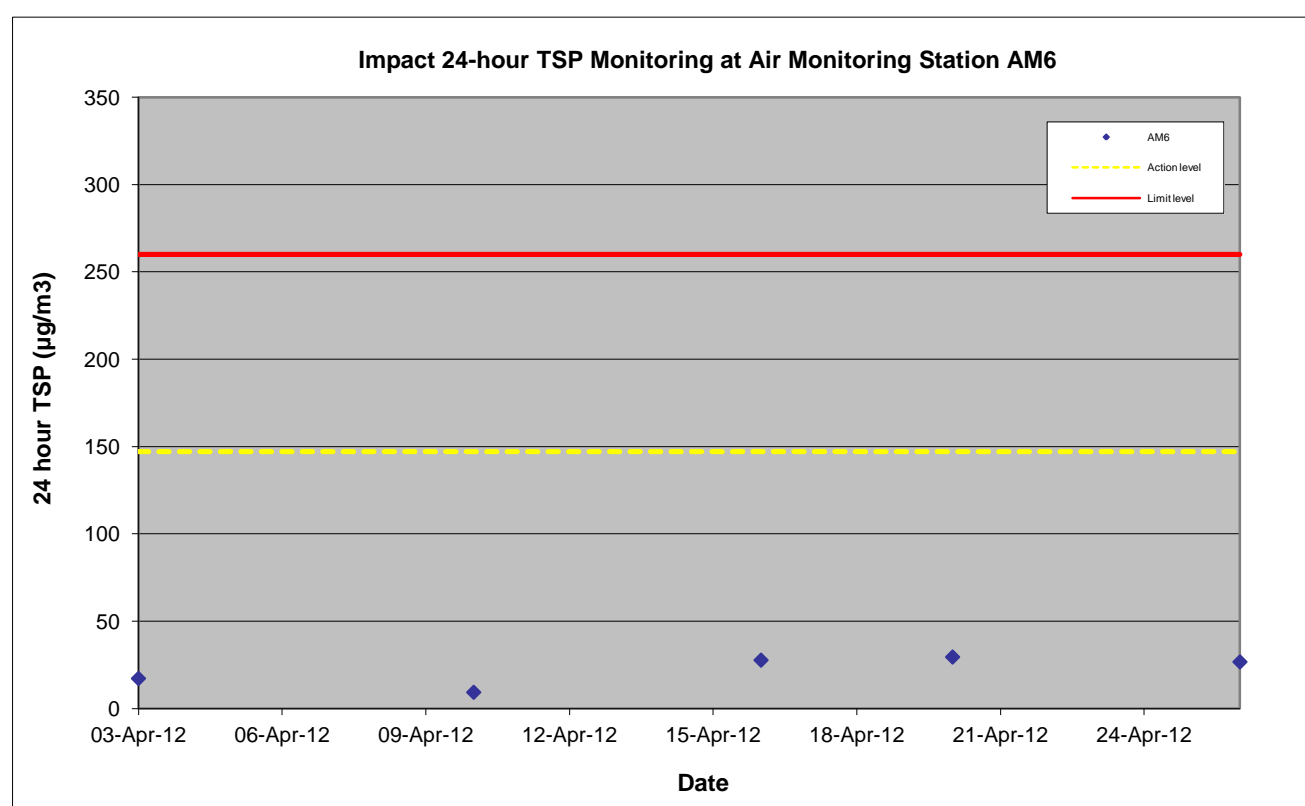
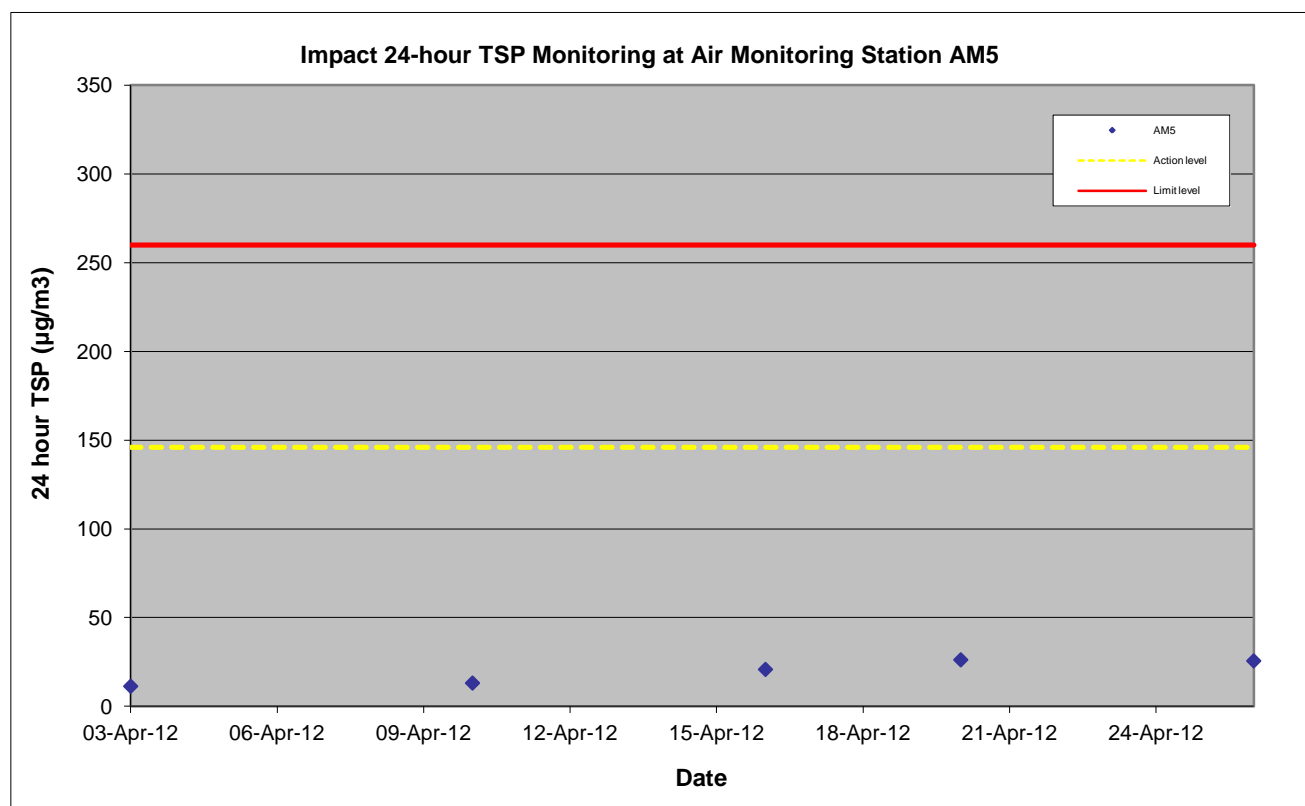
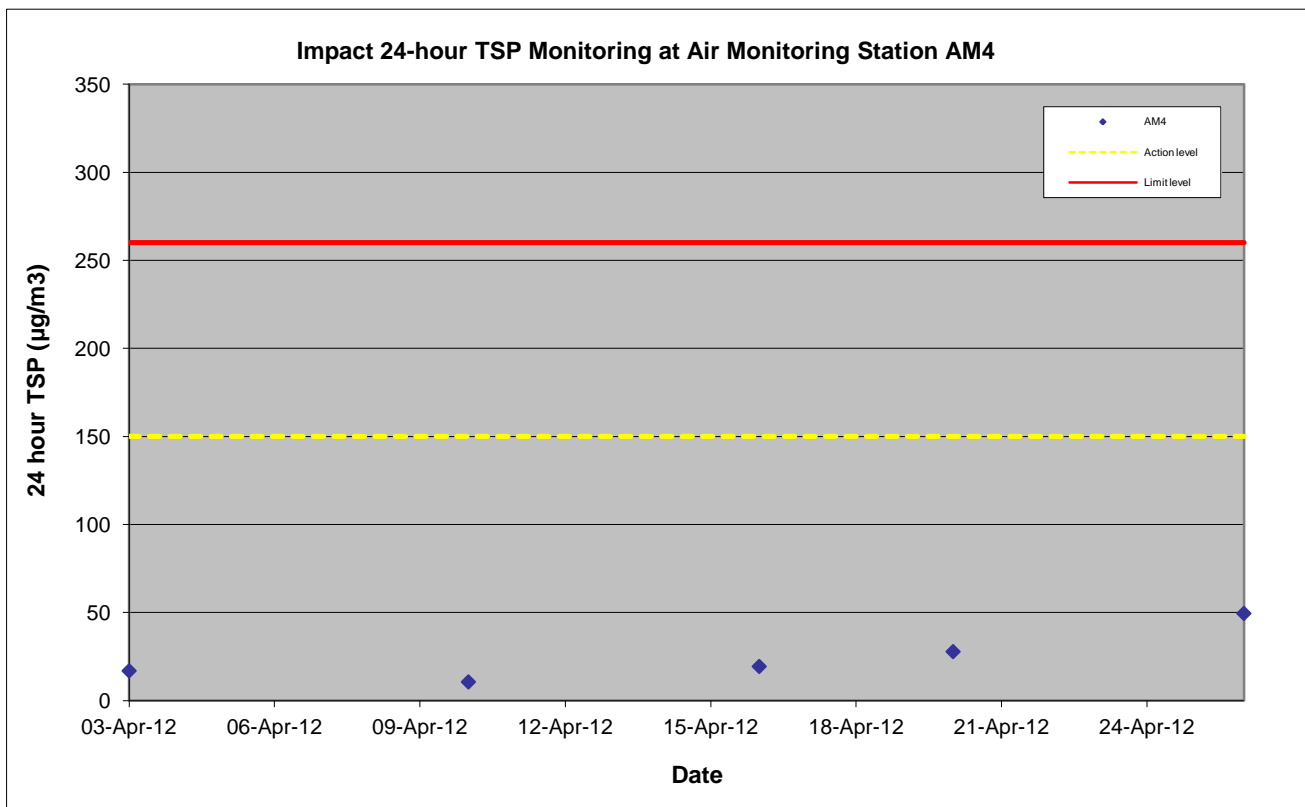
Agreement No. HMW 5/2009 (EP) Traffic Improvements to Tuen Mun Road Town Centre Section
Impact Air Quality Monitoring Result at Yan Oi Tong Community and Sports Centre (AM6) - 24 hour TSP

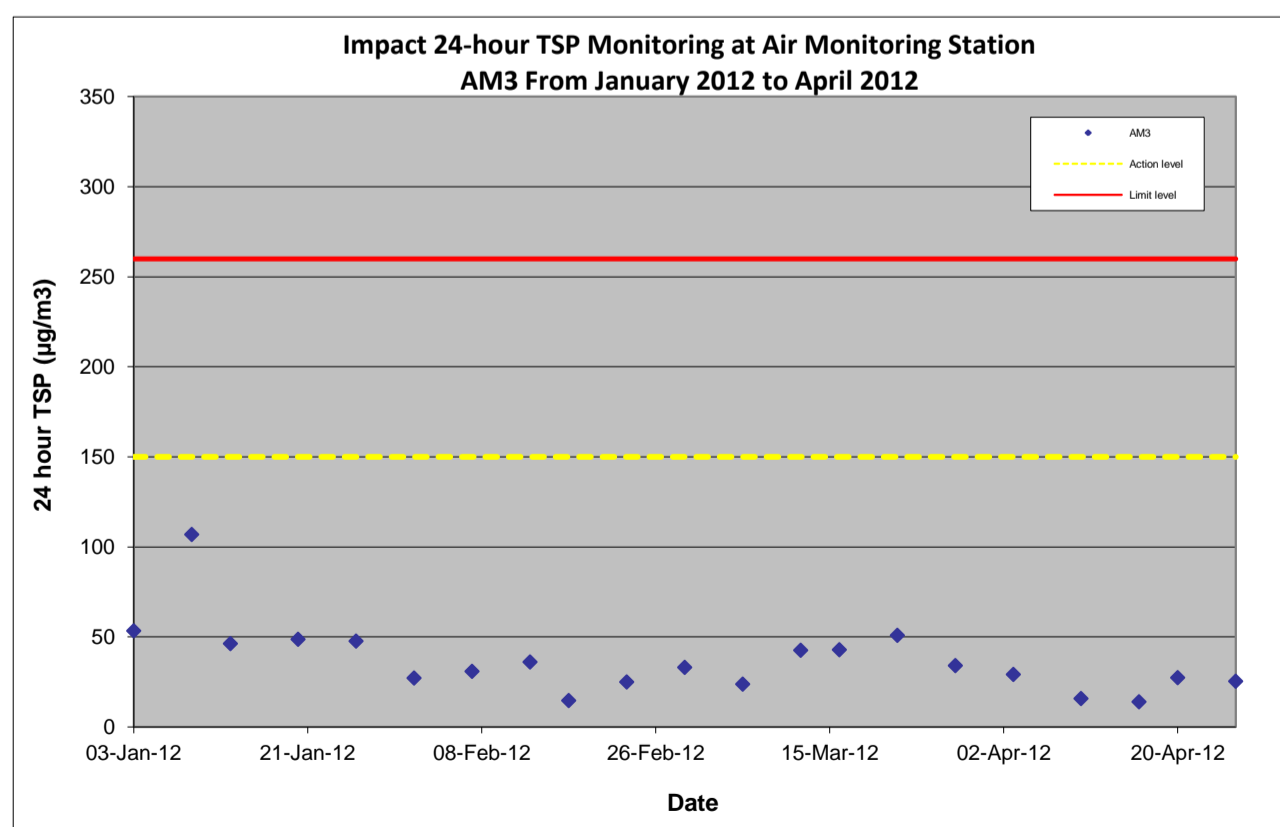
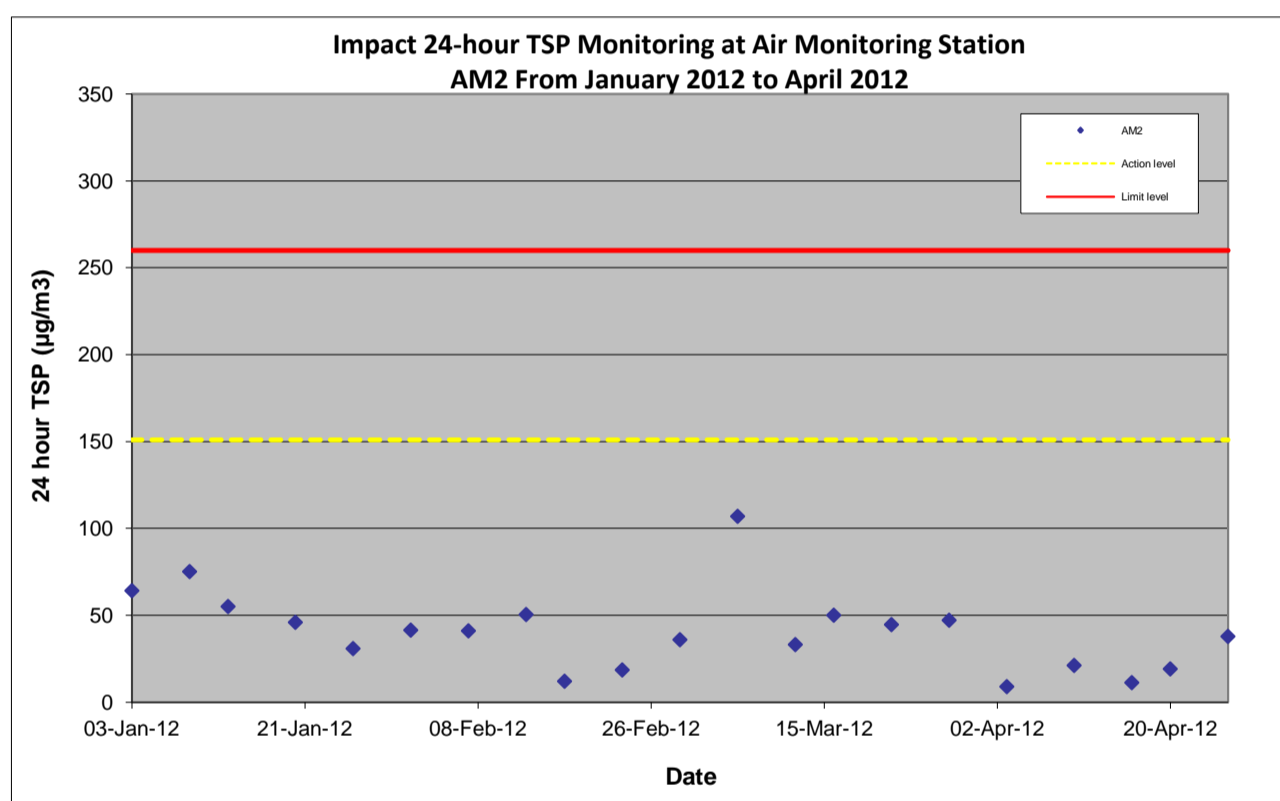
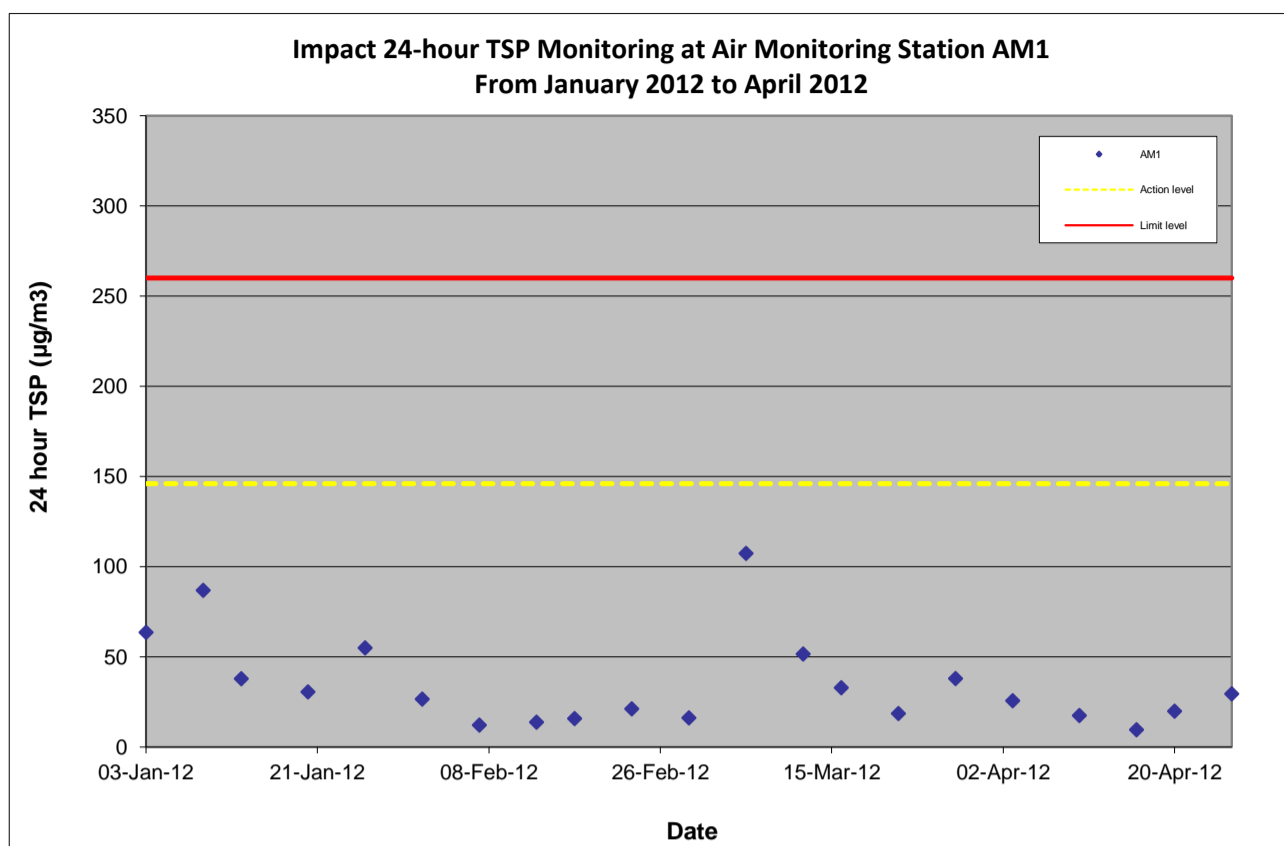
Filter No.	Month	Date	Receptor No.	Weather condition	Site condition	Pressure (mmHg)		Temperature (oC)		Flow Recorder Reading (CFM)		Filter Weight (g)		TSP weight (g)	Flow Rate (m ³ /min)		Average Flow Rate (m ³ /min)	Elapse Time		Sampling Time	Total vol. (m ³)	(ug/m ³) AM6
						Initial	Final	Initial	Final	Initial	Final	Initial	Final		Initial	Final		Start	Finish			
130664	Apr-12	3-Apr-12	AM6	Fine	Normal Operation	762.0	762.0	24.0	25.0	50.0	50.0	2.7414	2.7831	0.0417	1.6843	1.6814	1.6829	7850.80	7874.80	1440.00	2423.30	17.2
130669	Apr-12	10-Apr-12	AM6	Fine	Normal Operation	759.0	758.0	23.0	25.0	50.0	50.0	2.7696	2.7922	0.0226	1.6838	1.6771	1.6805	7874.80	7898.80	1440.00	2419.85	9.3
130676	Apr-12	16-Apr-12	AM6	Rainy	Normal Operation	756.0	756.0	26.0	21.0	50.0	50.0	2.7517	2.8186	0.0669	1.6720	1.6861	1.6791	7898.80	7922.80	1440.00	2417.83	27.7
130686	Apr-12	20-Apr-12	AM6	Rainy	Normal Operation	756.0	756.0	22.0	23.0	50.0	50.0	2.7293	2.8008	0.0715	1.6833	1.6805	1.6819	7922.80	7946.80	1440.00	2421.94	29.5
130689	Apr-12	26-Apr-12	AM6	Cloudy	Normal Operation	757.0	756.0	22.0	21.0	50.0	50.0	2.7554	2.8202	0.0648	1.6845	1.6861	1.6853	7946.80	7970.80	1440.00	2426.83	26.7

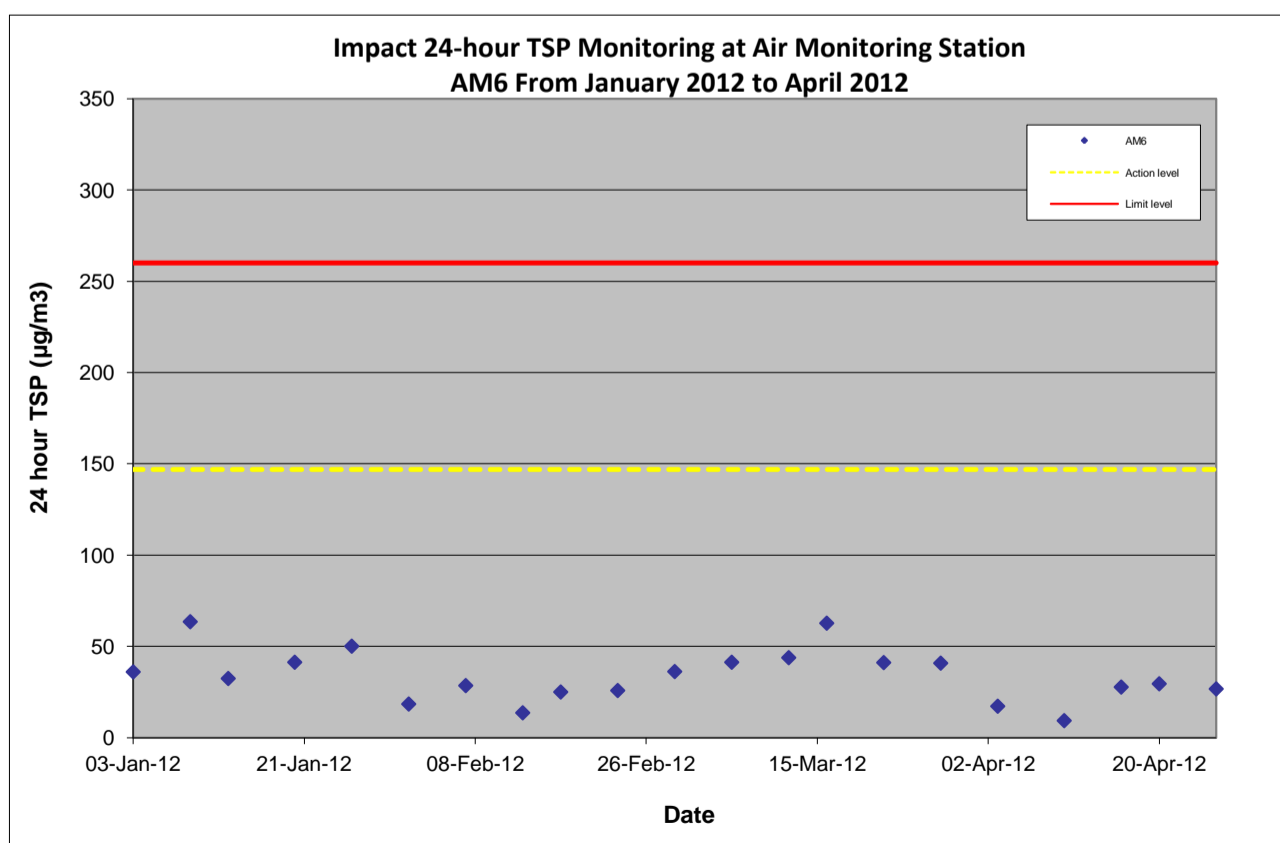
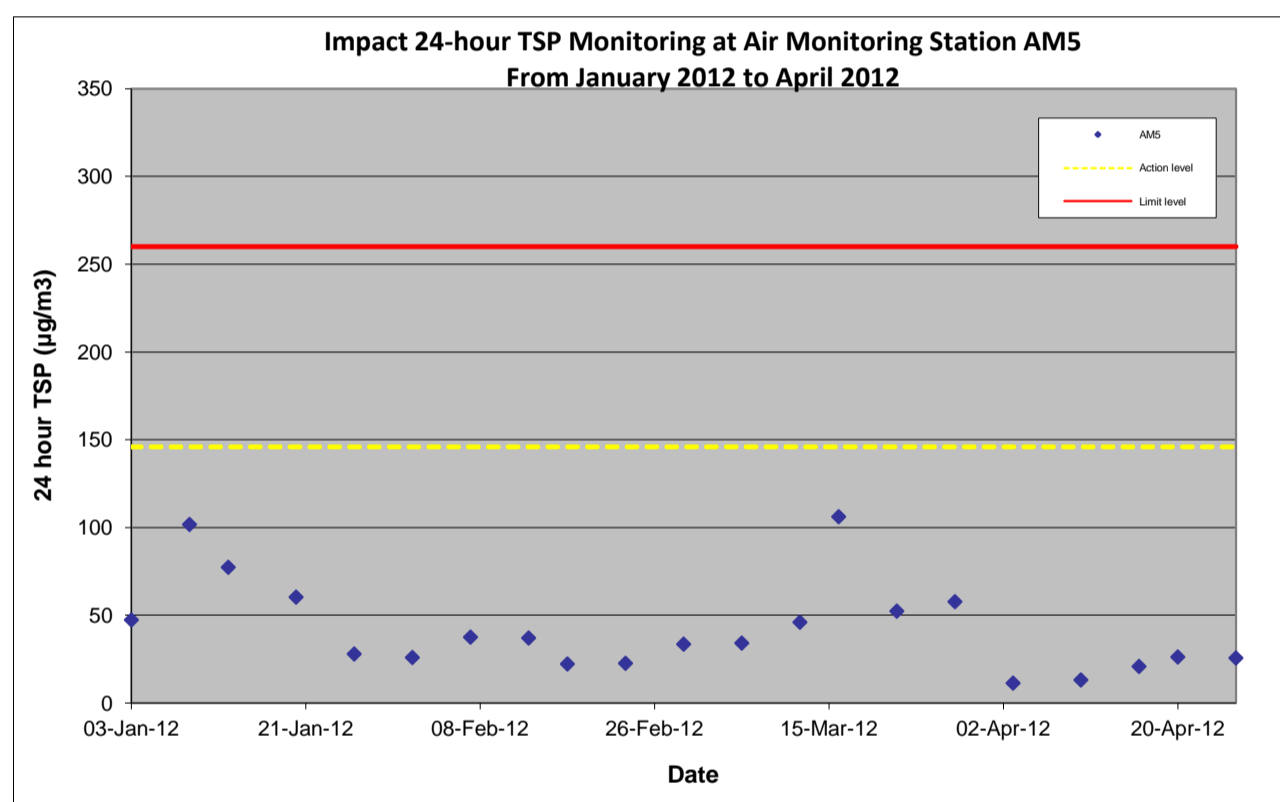
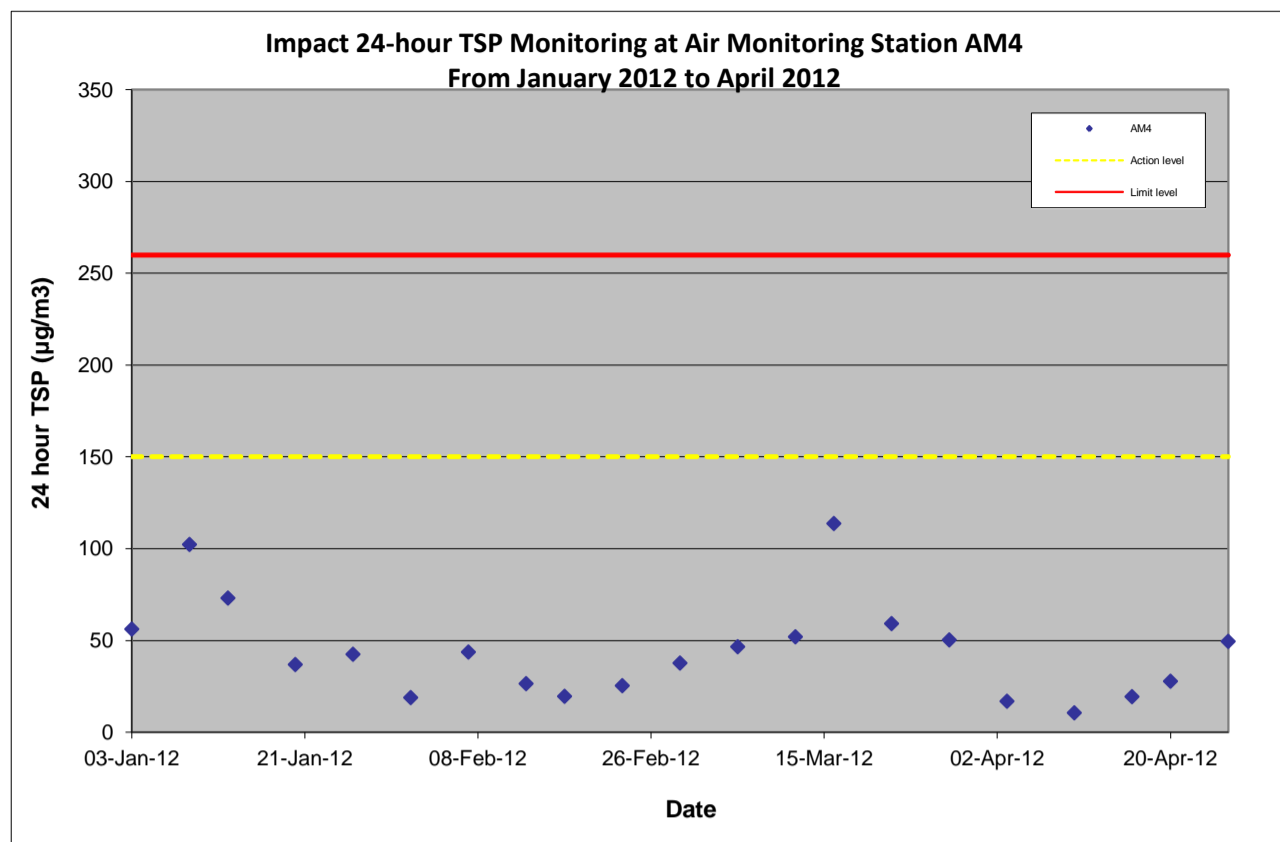
Average (ug/m ³)	22.1
Max (ug/m ³)	29.5
Min (ug/m ³)	9.3

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









Appendix F

Wind Data

Wind Monitoring Data - April 2012

Date	Wind Direction (degree)	Wind Speed (km/h)
3-Apr-12	200	6.3
10-Apr-12	70	14.3
16-Apr-12	220	19.9
20-Apr-12	50	15.8
26-Apr-12	90	23.7

Source extracted from Hong Kong Observatory (HKO)

Appendix G

**Calibration Certificates
of Noise Monitoring
Equipments**

輝創工程有限公司

Sun Creation Engineering Limited Calibration and Testing Laboratory

Certificate No. : C113977

Certificate of Calibration

This is to certify that the equipment

Description : Integrating Sound Level Meter

Manufacturer : Bruel & Kjaer

Model No. : 2238

Serial No. : 2320696

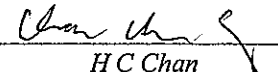
*has been calibrated for the specific items and ranges.
The results are shown in the Calibration Report No. C113977.*

The equipment is supplied by

Co. Name : Ove Arup & Partners Hong Kong Co., Ltd.

*Address : Level 5, Festival Walk, 80 Tat Chee Avenue, Kowloon Tong,
Kowloon*

Date of Issue : 19 July 2011

Certified by : 
H C Chan

The test equipment used for calibration are traceable to the National Standards as specified in this report.
This report shall not be reproduced except in full and with prior written approval from this laboratory.

Calibration and Testing Laboratory of Sun Creation Engineering Limited

c/o 4/F, Tsing Shan Wan Exchange Building, 1 Hing On Lane, Tuen Mun, New Territories, Hong Kong

Tel: 2927 2606

Fax: 2744 8986

E-mail: callab@suncreation.com

Website: www.suncreation.com

輝創工程有限公司

Sun Creation Engineering Limited Calibration and Testing Laboratory

Certificate No. : C114108

Certificate of Calibration

This is to certify that the equipment

Description : Acoustical Calibrator

Manufacturer : Bruel & Kjaer

Model No. : 4231

Serial No. : 2713427

*has been calibrated for the specific items and ranges.
The results are shown in the Calibration Report No. C114108.*

The equipment is supplied by

Co. Name : Ove Arup & Partners Hong Kong Co., Ltd.

*Address : Level 5, Festival Walk, 80 Tat Chee Avenue, Kowloon Tong,
Kowloon*

Date of Issue : 26 July 2011

Certified by :

K C Lee

The test equipment used for calibration are traceable to the National Standards as specified in this report.
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Calibration and Testing Laboratory of Sun Creation Engineering Limited

c/o 4/F, Tsing Shan Wan Exchange Building, 1 Hing On Lane, Tuen Mun, New Territories, Hong Kong
Tel: 2927 2606 Fax: 2744 8986 E-mail: callab@suncreation.com Website: www.suncreation.com

輝創工程有限公司

Sun Creation Engineering Limited Calibration and Testing Laboratory

Certificate No. : C113978

Certificate of Calibration

This is to certify that the equipment

Description : Integrating Sound Level Meter

Manufacturer : Bruel & Kjaer

Model No. : 2238

Serial No. : 2654435

*has been calibrated for the specific items and ranges.
The results are shown in the Calibration Report No. C113978.*


The equipment is supplied by

Co. Name : Ove Arup & Partners Hong Kong Co., Ltd.

*Address : Level 5, Festival Walk, 80 Tat Chee Avenue, Kowloon Tong,
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Date of Issue : 19 July 2011

Certified by :


H C Chan

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Calibration and Testing Laboratory of Sun Creation Engineering Limited

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Tel: 2927 2606

Fax: 2744 8986

E-mail: callab@suncreation.com

Website: www.suncreation.com

輝創工程有限公司

Sun Creation Engineering Limited Calibration and Testing Laboratory

Certificate No. : C114146

Certificate of Calibration

This is to certify that the equipment

Description : Integrating Sound Level Meter

Manufacturer : Bruel & Kjaer

Model No. : 2238

Serial No. : 2320707

*has been calibrated for the specific items and ranges.
The results are shown in the Calibration Report No. C114146.*

The equipment is supplied by

Co. Name : Ove Arup & Partners Hong Kong Co., Ltd.

*Address : Level 5, Festival Walk, 80 Tat Chee Avenue, Kowloon Tong,
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Date of Issue : 26 July 2011

Certified by :

K C Lee

The test equipment used for calibration are traceable to the National Standards as specified in this report.
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c/o 4/F, Tsing Shan Wan Exchange Building, 1 Hing On Lane, Tuen Mun, New Territories, Hong Kong

Tel: 2927 2606

Fax: 2744 8986

E-mail: callab@suncreation.com

Website: www.suncreation.com

輝創工程有限公司

Sun Creation Engineering Limited Calibration and Testing Laboratory

Certificate No. : C113974

Certificate of Calibration

This is to certify that the equipment

Description : Sound Calibrator

Manufacturer : Rion

Model No. : NC-74

Serial No. : 34304660

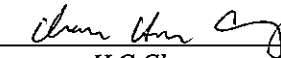
*has been calibrated for the specific items and ranges.
The results are shown in the Calibration Report No. C113974.*

The equipment is supplied by

Co. Name : Ove Arup & Partners Hong Kong Co., Ltd.

*Address : Level 5, Festival Walk, 80 Tat Chee Avenue, Kowloon Tong,
Kowloon*

Date of Issue : 18 July 2011

*Certified by : 
H C Chan*

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Calibration and Testing Laboratory of Sun Creation Engineering Limited

c/o 4/F, Tsing Shan Wan Exchange Building, 1 Hing On Lane, Tuen Mun, New Territories, Hong Kong

Tel: 2927 2606

Fax: 2744 8986

E-mail: callab@suncreation.com

Website: www.suncreation.com

Appendix H

**Impact Noise
Monitoring Results**

**Agreement No. 5/2009 (EP) Traffic Improvements to Tuen Mun Road Town Centre Section - Environmental Team
Day-time Noise Monitoring Results - 5 April 2012**

ID	Premise	Time	Measured Noise Level, dB(A)				Baseline Noise Level, dB(A)	Construction Noise Level, dB(A)
			L _{Aeq} ,30min	Limit	L ₁₀ ,5min	L ₉₀ ,5min	L _{Aeq} ,30min	L _{Aeq} ,30min
N1	Kam Fai Garden	10:00 - 10:30	75	75	77	72	76	Measured ≤ Baseline
N2	Tai Tung Pui Social Service Building	10:50 - 11:20	73	75	76	70	78	Measured ≤ Baseline
N3	Yuen Yuen Primary School	11:40 - 12:10	69	70	70	66	69	Measured ≤ Baseline
N4	Wu Siu Kui Primary School	08:30 - 09:00	66	70	68	64	67	Measured ≤ Baseline
N5	Tuen King Building	13:00 - 13:30	70	75	72	67	70	Measured ≤ Baseline
N6	Choi Cheung kok Secondary School	14:00 - 14:30	70	70	72	67	69	61

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

**Agreement No. 5/2009 (EP) Traffic Improvements to Tuen Mun Road Town Centre Section - Environmental Team
Day-time Noise Monitoring Results - 11 April 2012**

ID	Premise	Time	Measured Noise Level, dB(A)				Baseline Noise Level, dB(A)	Construction Noise Level, dB(A)
			L _{Aeq} ,30min	Limit	L ₁₀ ,5min	L ₉₀ ,5min	L _{Aeq} ,30min	L _{Aeq} ,30min
N1	Kam Fai Garden	09:50 - 10:20	74	75	76	70	76	Measured ≤ Baseline
N2	Tai Tung Pui Social Service Building	10:45 - 11:15	75	75	77	71	78	Measured ≤ Baseline
N3	Yuen Yuen Primary School	11:40 - 12:10	68	70	70	66	69	Measured ≤ Baseline
N4	Wu Siu Kui Primary School	08:30 - 09:00	65	70	67	64	67	Measured ≤ Baseline
N5	Tuen King Building	13:00 - 13:30	69	75	72	67	70	Measured ≤ Baseline
N6	Choi Cheung kok Secondary School	13:50 - 14:20	68	70	70	67	69	Measured ≤ Baseline

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

**Agreement No. 5/2009 (EP) Traffic Improvements to Tuen Mun Road Town Centre Section - Environmental Team
Day-time Noise Monitoring Results - 21 April 2012**

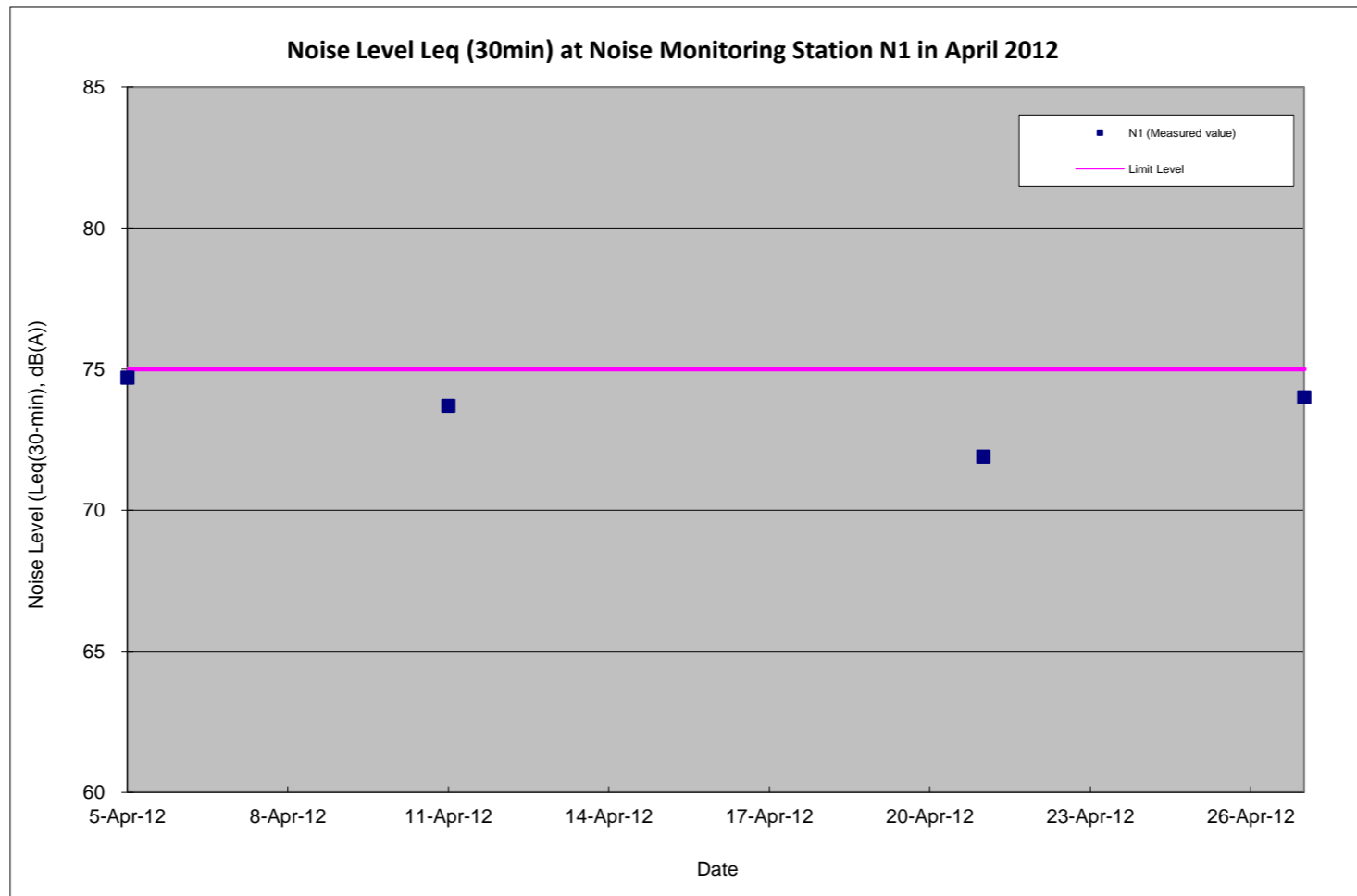
ID	Premise	Time	Measured Noise Level, dB(A)				Baseline Noise Level, dB(A)	Construction Noise Level, dB(A)
			L _{Aeq} ,30min	Limit	L ₁₀ ,5min	L ₉₀ ,5min	L _{Aeq} ,30min	L _{Aeq} ,30min
N1	Kam Fai Garden	09:45 - 10:15	72	75	74	69	76	Measured ≤ Baseline
N2	Tai Tung Pui Social Service Building	10:40 - 11:10	73	75	75	71	78	Measured ≤ Baseline
N3	Yuen Yuen Primary School	11:30 - 12:00	67	70	68	65	69	Measured ≤ Baseline
N4	Wu Siu Kui Primary School	08:30 - 09:00	66	70	67	64	67	Measured ≤ Baseline
N5	Tuen King Building	13:00 - 13:30	69	75	71	67	70	Measured ≤ Baseline
N6	Choi Cheung kok Secondary School	13:45 - 14:15	68	70	69	66	69	Measured ≤ Baseline

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

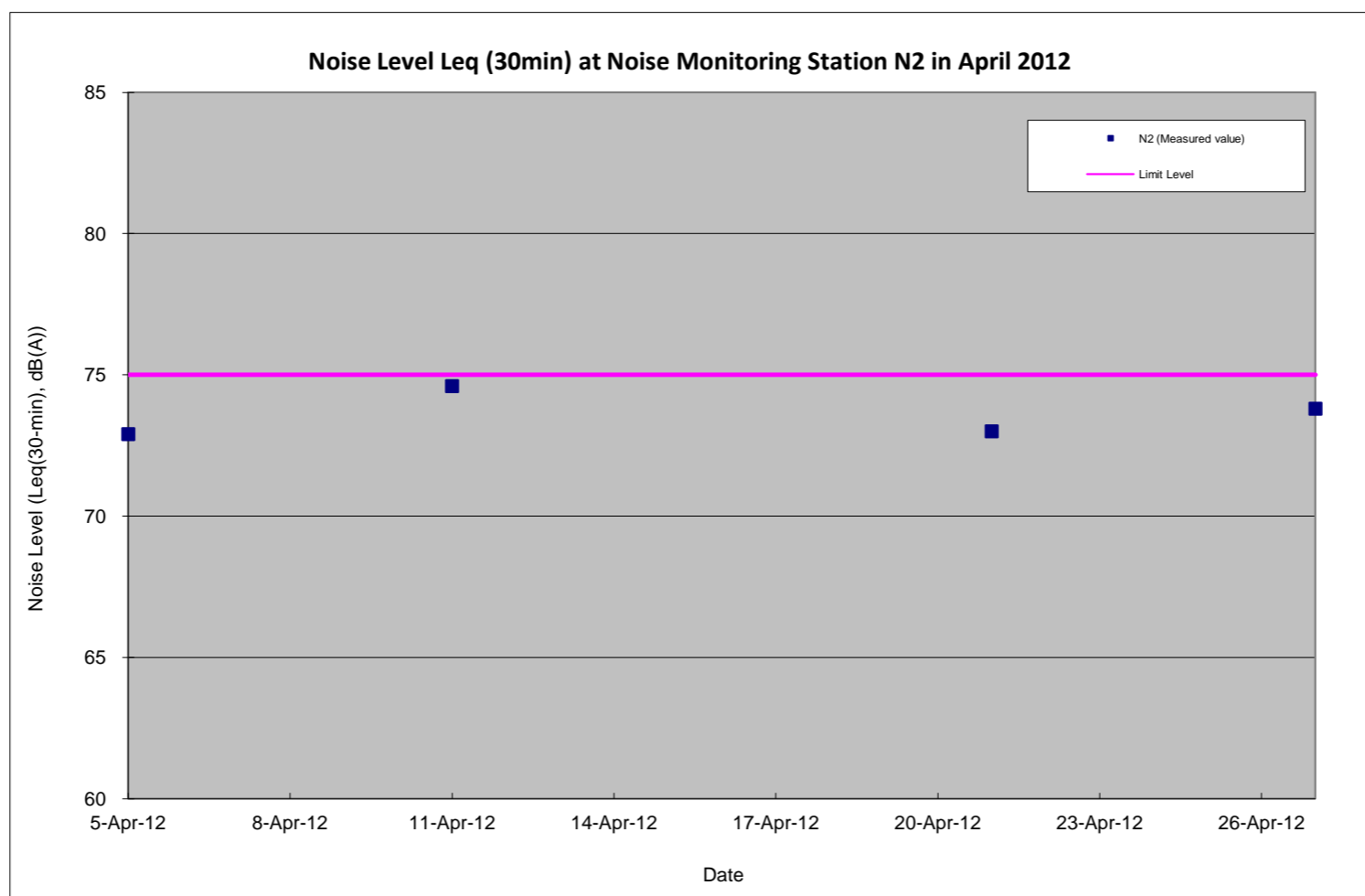
**Agreement No. 5/2009 (EP) Traffic Improvements to Tuen Mun Road Town Centre Section - Environmental Team
Day-time Noise Monitoring Results - 27 April 2012**

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

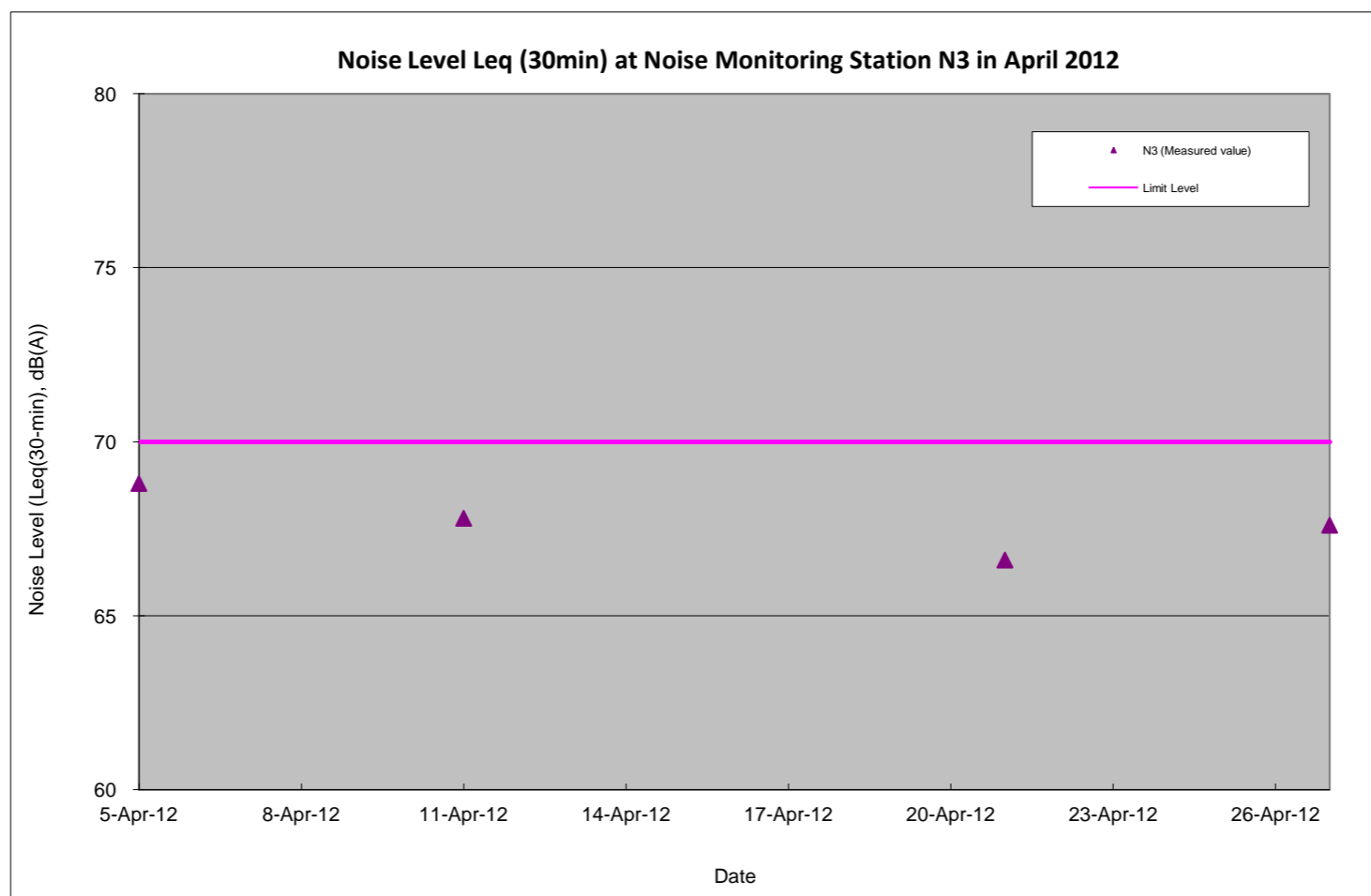
Note: (#): Construction Noise Level = Measured Noise Level - Baseline Noise Level



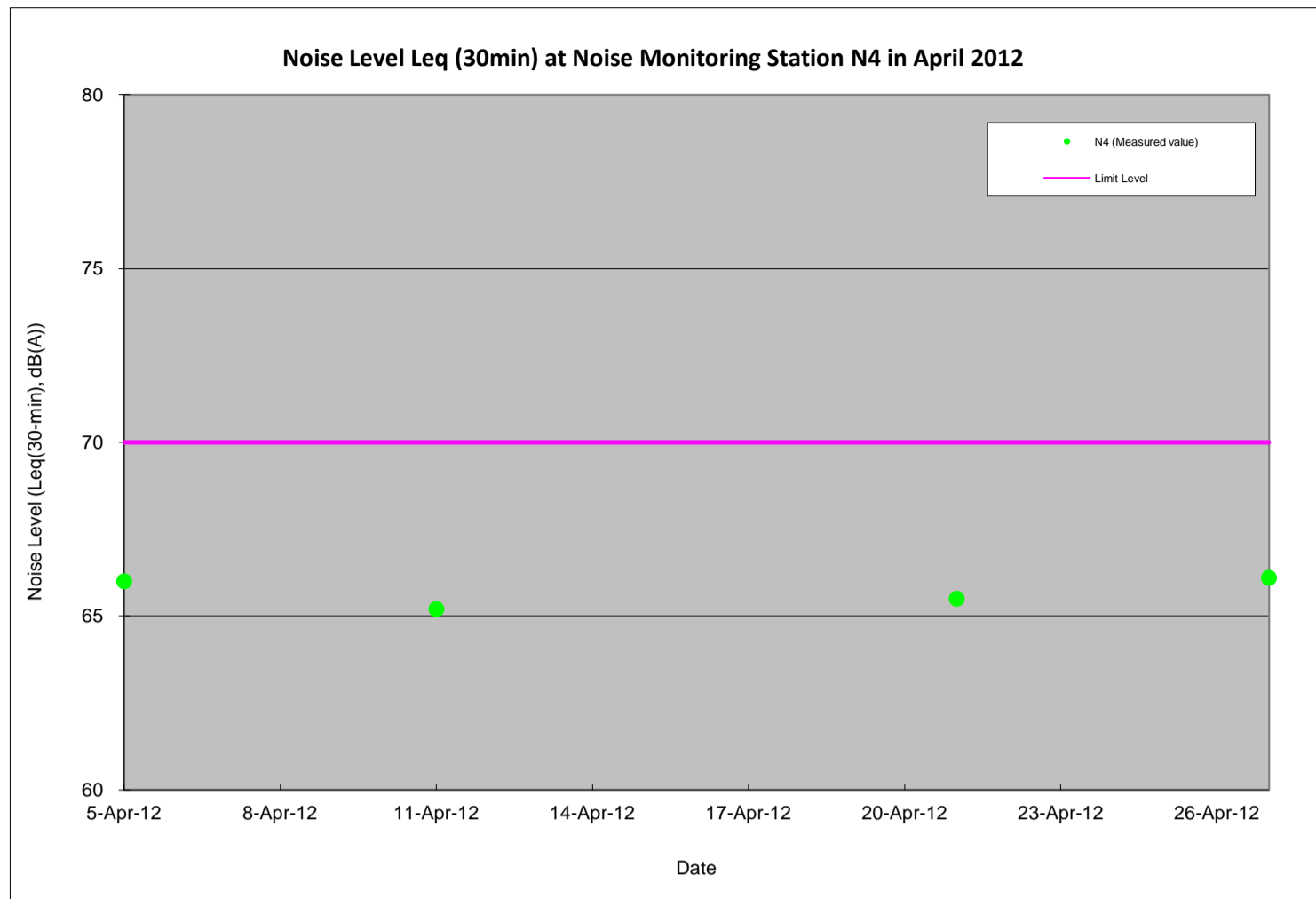
Note: For compliance comparison, please refer to above table and report.



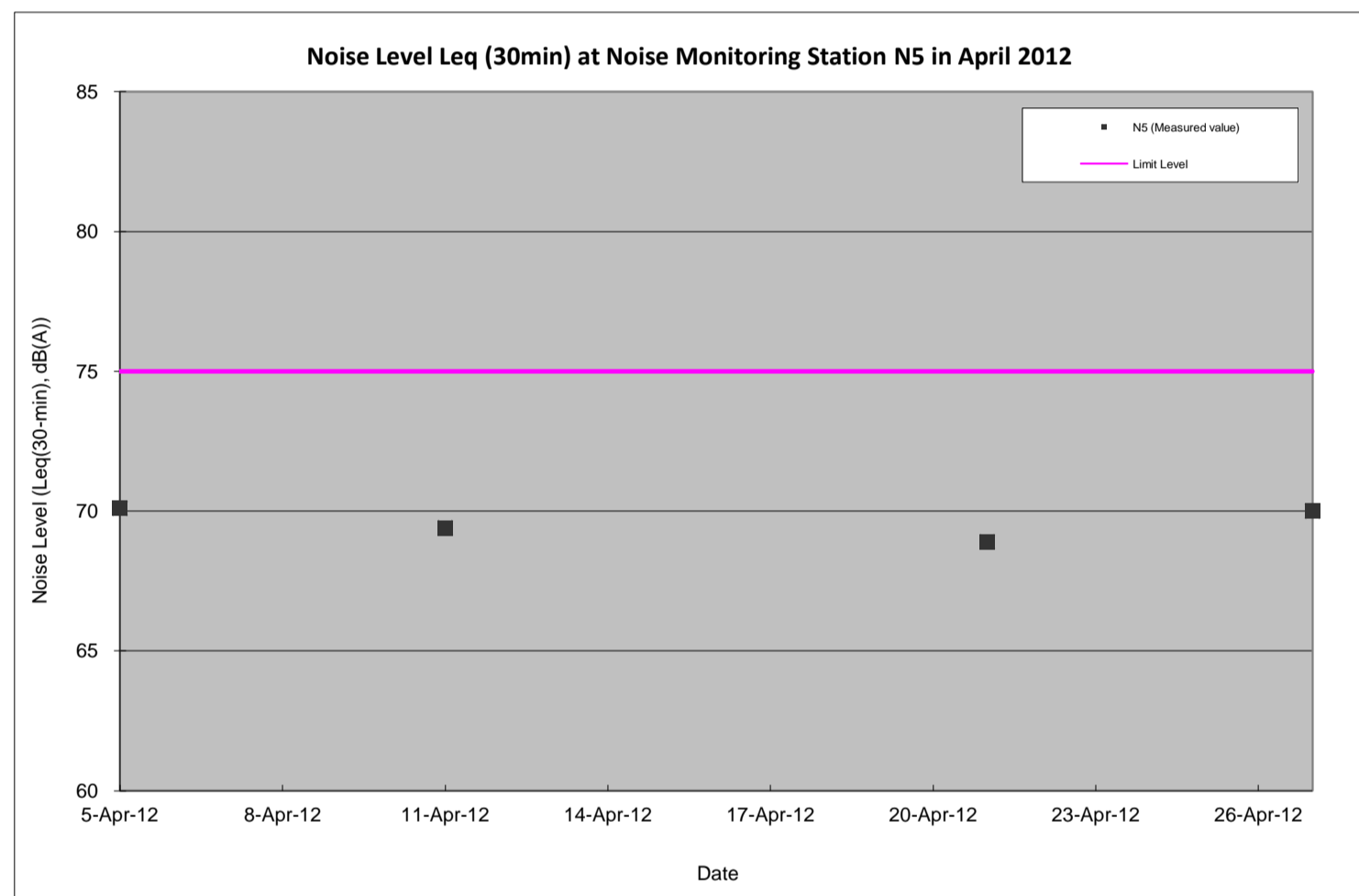
Note: For compliance comparison, please refer to above table and report.



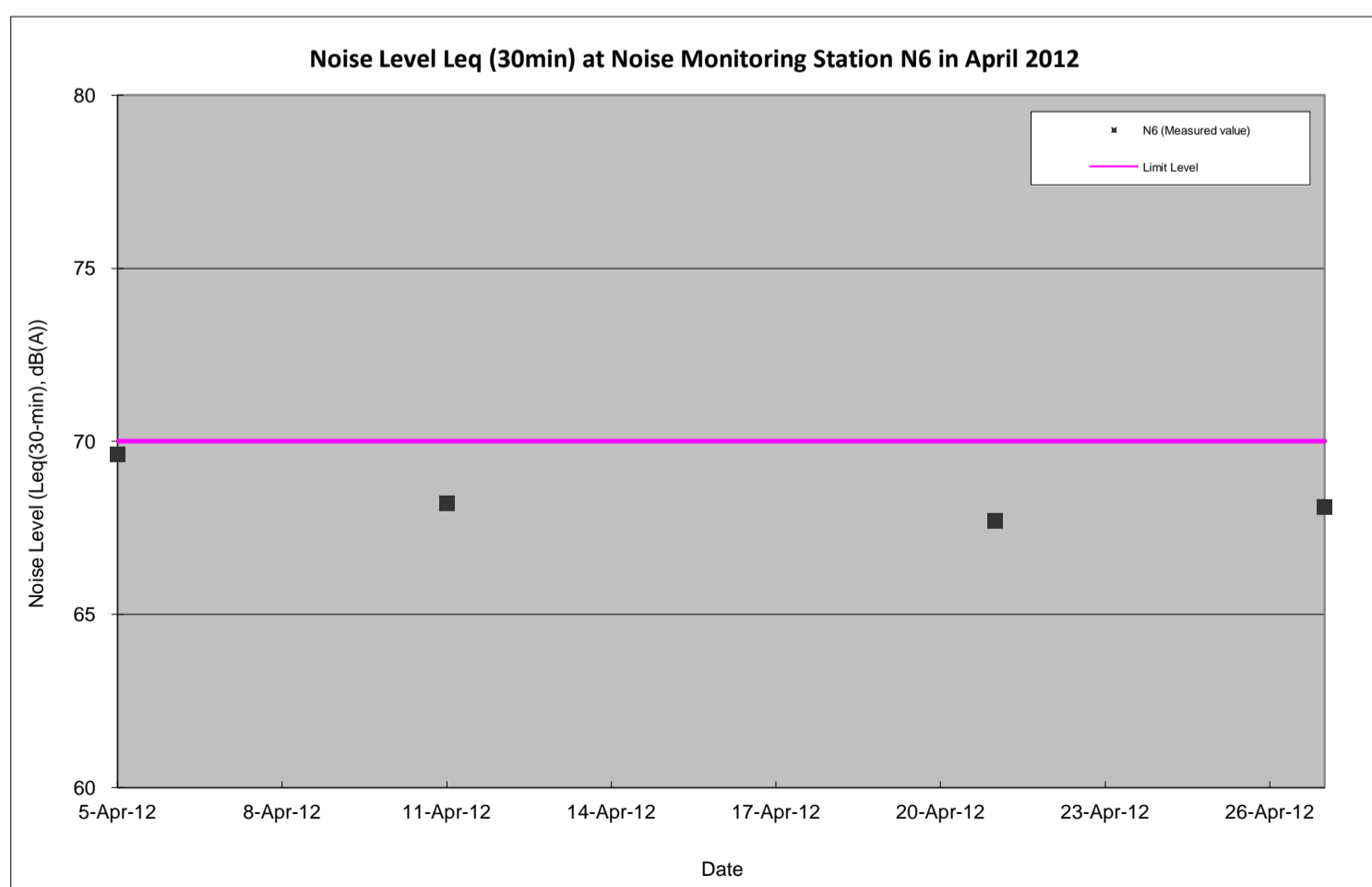
Note: For compliance comparison, please refer to above table and report.



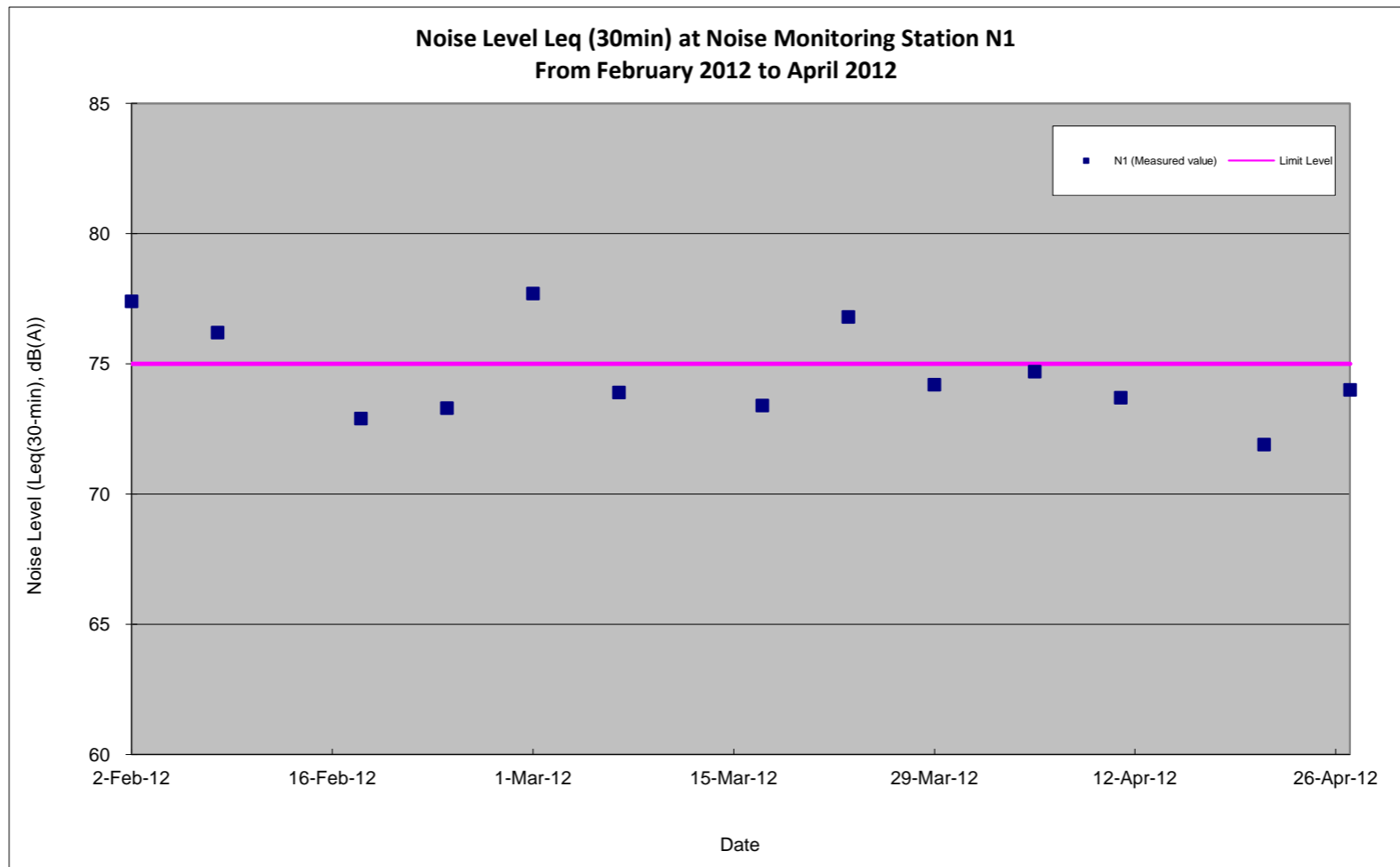
Note: For compliance comparison, please refer to above table and report.



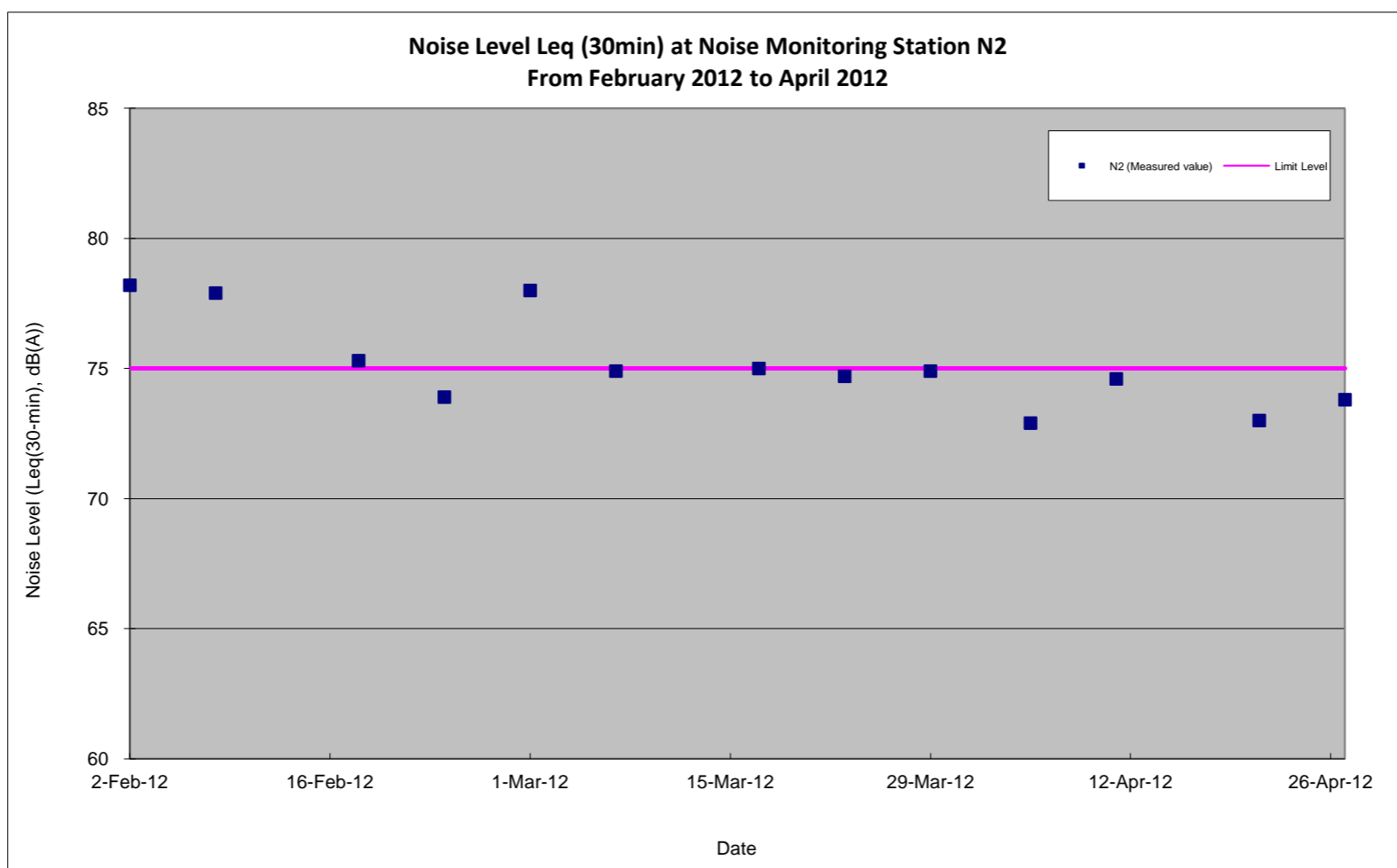
Note: For compliance comparison, please refer to above table and report.



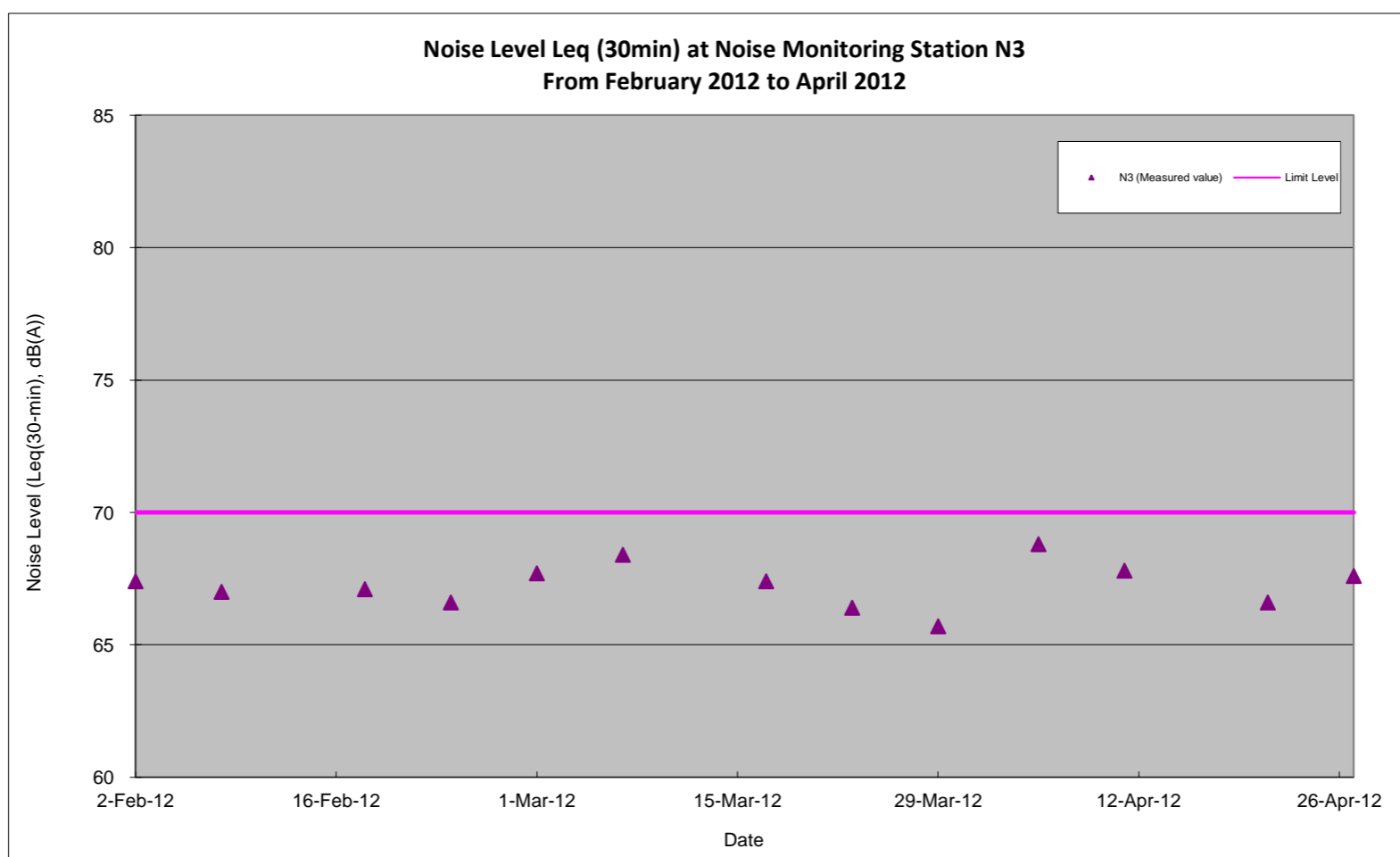
Note: For compliance comparison, please refer to above table and report.



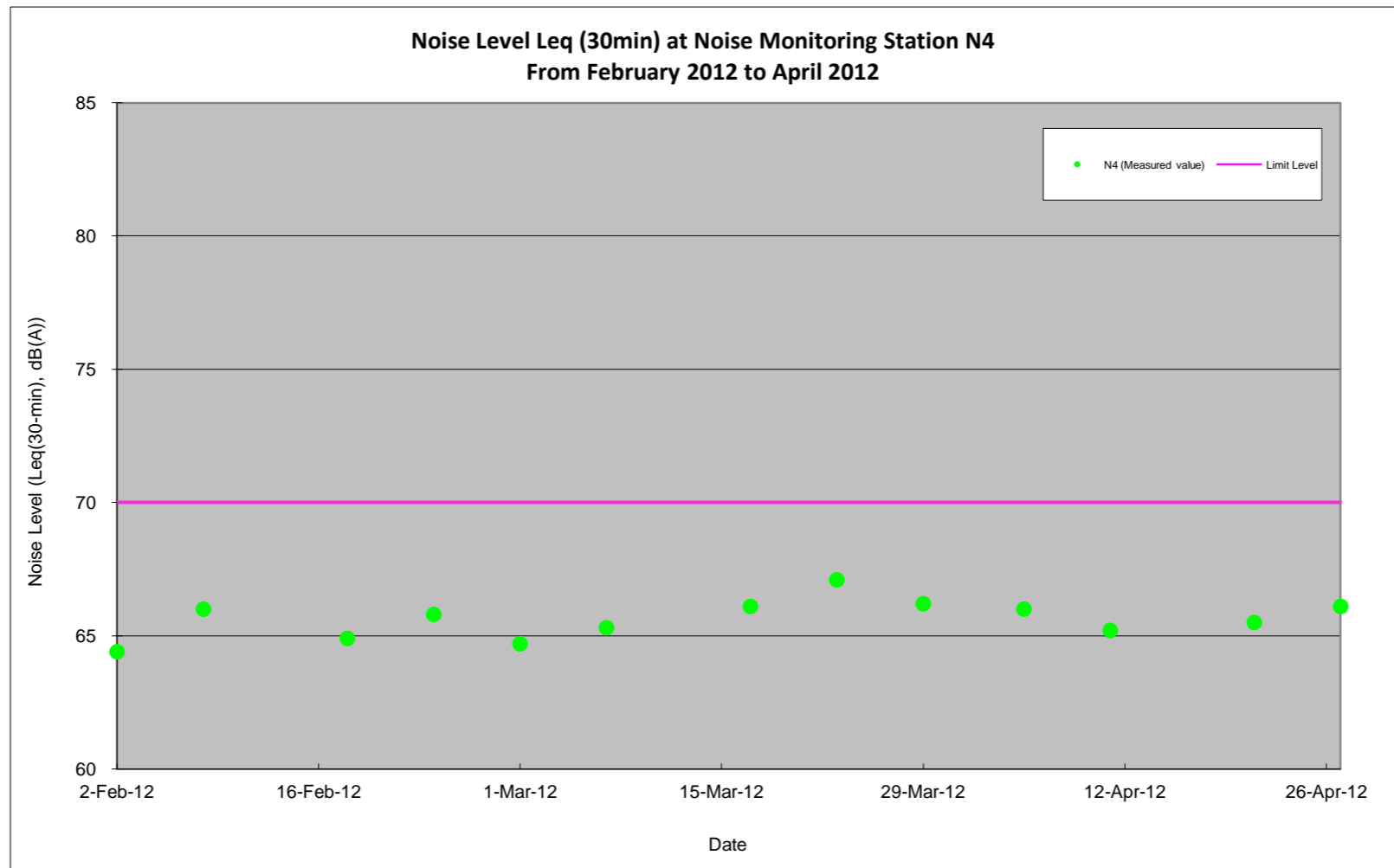
Note: For compliance comparison, please refer to above table and report.



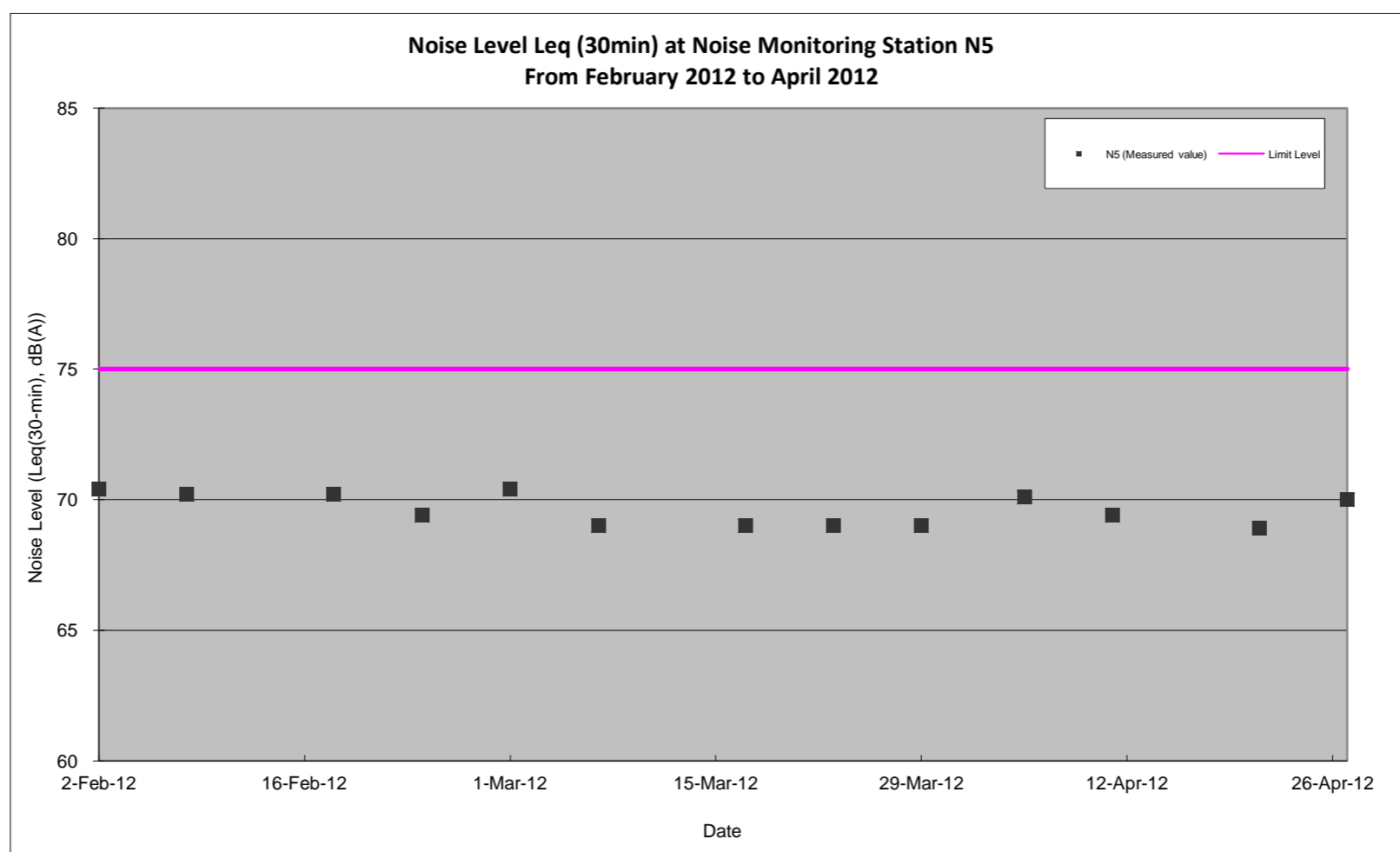
Note: For compliance comparison, please refer to above table and report.



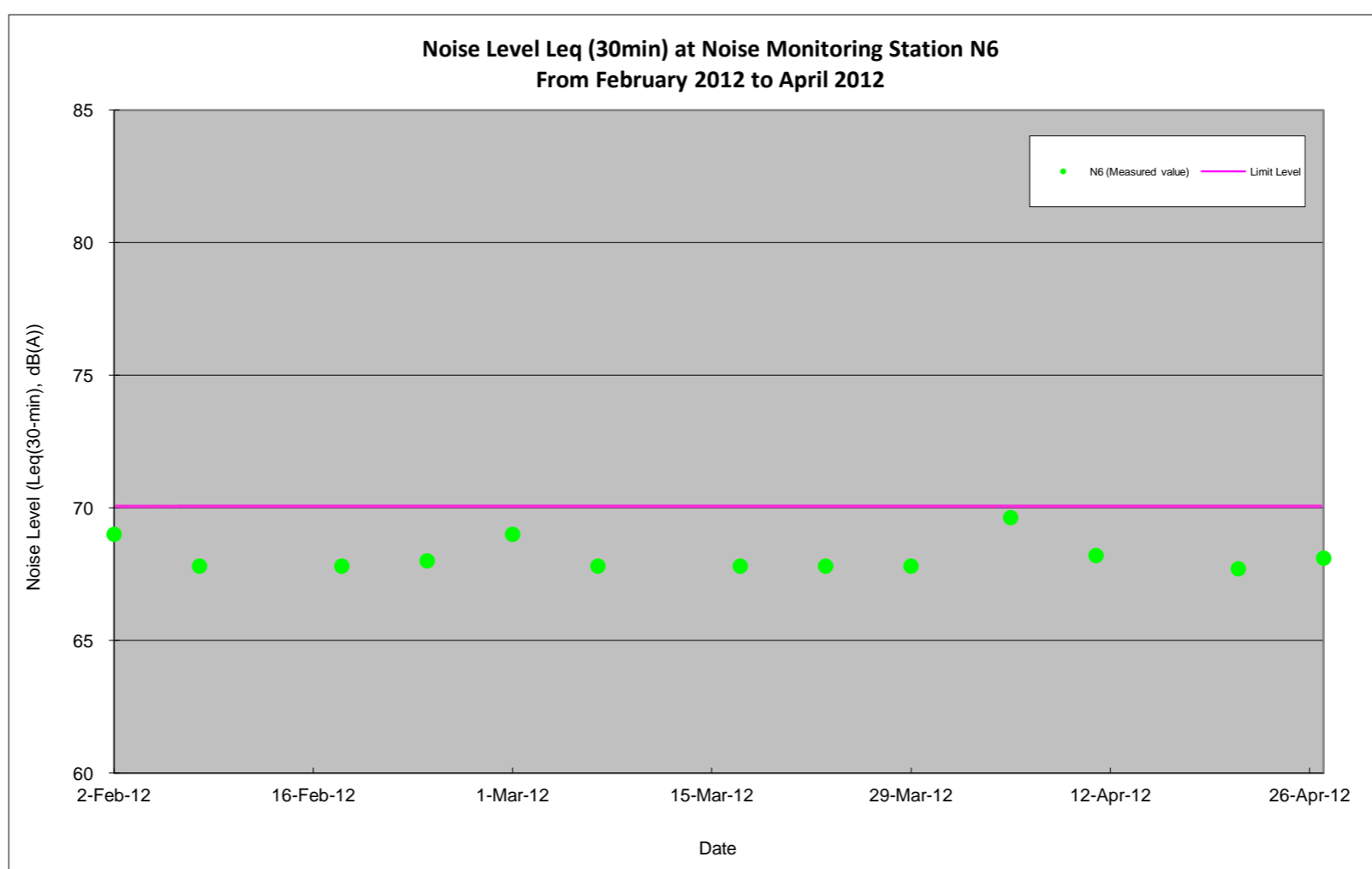
Note: For compliance comparison, please refer to above table and report.



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 I

**Landscape Summary
Report**

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

	No of Contract	Numbers of Contract Tree + UTRA No.1 & No.2
	Transplant	Transplant
Total Tree No.	362	399
	Fell & Re.	Fell & Remove
1031	501	521
	Retain	Retain
	134	102
	Missing	Missing
	0	9

Unnamed
Dead Tree (Removed)
In Progress
Completed
Total
Completed (%)

Fell & Remove Status	Crown Pruning	1st Root Pruning	2nd Root Pruning	3rd Root Pruning & Transplant
169				
9 (On Ting E.)				
0	0	29	30	20
521	399	370	369	379
521	399	399	399	399
100%	100%	93%	92%	95%

Item	Drawing No.	Tree No.	Chinese Name	Location	Rec., In Contract Document	Recommendation	Fell & Remove	Crown Pruning	1st Root Pruning	2nd Root Pruning	3rd Root Pruning & Transplant	Remarks					
1	6106	TW0001	石栗	Tuen Mun Road near Kam Fai Garden	Transplant	Transplant	N/A	0	08-Apr-11	0	11-Apr-11	0	12-May-11	0	09-Jul-11	0	Falling Down at KF, immediately transplanted to SLS
2	6106	TW0002	石栗	Tuen Mun Road near Kam Fai Garden	Transplant	Transplant	N/A	0	08-Apr-11	0	11-Apr-11	0	12-May-11	0	11-Jul-11	0	Transplanted
3	6106	TW0003	白千層	Tuen Mun Road near Kam Fai Garden	Transplant	Transplant	N/A	0	07-Apr-11	0	24-Dec-10	0	16-Feb-11	0	07-Apr-11	0	Transplanted
4	6106	TW0004	白千層	Tuen Mun Road near Kam Fai Garden	Transplant	Transplant	N/A	0	11-Apr-11	0	24-Dec-10	0	16-Feb-11	0	11-Apr-11	0	Transplanted
5	6106	TW0012	台灣相思	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
6	6106	TW0013	檸檬桉	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
7	6106	TW0014	大葉桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	08-Apr-11	0	-	0	-	0	-	0	-	0	
8	6106	TW0015	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	11-Nov-10	0	-	0	-	0	-	0	-	0	
9	6106	TW0016	檸檬桉	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
10	6106	TW0021	白千層	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
11	6106	TW0022	白千層	Tuen Mun Road near Kam Fai Garden	Transplant	Transplant	N/A	0	11-Apr-11	0	29-Dec-10	0	17-Feb-11	0	11-Apr-11	0	Transplanted
12	6106	TW0023	大葉桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	08-Apr-11	0	-	0	-	0	-	0	-	0	
13	6106	TW0024	大葉桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	08-Apr-11	0	-	0	-	0	-	0	-	0	
14	6106	TW0025	大葉桉	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
15	6106	TW0026	大葉桉	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
16	6106	TW0030	台灣相思	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
17	6106	TW0033	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	11-Nov-10	0	-	0	-	0	-	0	-	0	
18	6106	TW0034	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	11-Nov-10	0	-	0	-	0	-	0	-	0	
19	6106	TW0035	大葉桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	08-Apr-11	0	-	0	-	0	-	0	-	0	
20	6106	TW0036	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	11-Nov-10	0	-	0	-	0	-	0	-	0	
21	6106	TW0037	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	11-Nov-10	0	-	0	-	0	-	0	-	0	
22	6106	TW0040	Missing	Tuen Mun Road near Kam Fai Garden	Retain	-	Missing	0	-	0	-	0	-	0	-	0	Missing
23	6106	TW0043	白千層	Tuen Mun Road near Kam Fai Garden	Retain	Retain	19-Nov-11	0	-	0	-	0	-	0	-	0	felled by sub-con
24	6106	TW0044	白千層	Tuen Mun Road near Kam Fai Garden	Transplant	Transplant	N/A	0	13-Apr-11	0	31-Dec-10	0	17-Feb-11	0	13-Apr-11	0	Transplanted
25	6106	TW0045	白千層	Tuen Mun Road near Kam Fai Garden	Transplant	Transplant	N/A	0	12-Apr-11	0	31-Dec-10	0	18-Feb-11	0	12-Apr-11	0	Transplanted
26	6106	TW0046	白千層	Tuen Mun Road near Kam Fai Garden	Transplant	Transplant	N/A	0	12-Apr-11	0	12-Jan-11	0	18-Feb-11	0	12-Apr-11	0	Transplanted
27	6106	TW0047	台灣相思	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
28	6106	TW0049	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	11-Nov-10	0	-	0	-	0	-	0	-	0	
29	6106	TW0050	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	11-Nov-10	0	-	0	-	0	-	0	-	0	
30	6106	TW0054	大葉桉	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
31	6106	TW0055	大葉桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	12-Apr-11	0	-	0	-	0	-	0	-	0	
32	6106	TW0056	大葉桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	11-Nov-10	0	-	0	-	0	-	0	-	0	
33	6106	TW0057	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	11-Nov-10	0	-	0	-	0	-	0	-	0	
34	6106	TW0058	雙翼豆	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
35	6106	TW0061	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	11-Nov-10	0	-	0	-	0	-	0	-	0	
36	6106	TW0062	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	11-Nov-10	0	-	0	-	0	-	0	-	0	
37	6106	TW0066	檸檬桉	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
38	6106	TW0071	大葉桉	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
39	6106	TW0072	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	11-Nov-10	0	-	0	-	0	-	0	-	0	
40	6106	TW0073	大葉桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	11-Nov-10	0	-	0	-	0	-	0	-	0	
41	6106	TW0074	白千層	Tuen Mun Road near Kam Fai Garden	Transplant	Transplant	N/A	0	13-Apr-11	0	13-Jan-11	0	18-Feb-11	0	13-Apr-11	0	Transplanted
42	6106	TW0075	白千層	Tuen Mun Road near Kam Fai Garden	Transplant	Transplant	N/A	0	13-Apr-11	0	13-Jan-11	0	18-Feb-11	0	13-Apr-11	0	Transplanted
43	6106	TW0076	白千層	Tuen Mun Road near Kam Fai Garden	Retain	Retain	-	0	-	0	-	0	-	0	-	0	

105	6106	TW0157	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	18-Aug-10	0	-	0	-	0	-	0	-	0	
106	6106	TW0158	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	18-Aug-10	0	-	0	-	0	-	0	-	0	
107	6106	TW0159	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	14-Aug-10	0	-	0	-	0	-	0	-	0	
108	6106	TW0160	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	14-Aug-10	0	-	0	-	0	-	0	-	0	
109	6106	TW0161	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	16-Aug-10	0	-	0	-	0	-	0	-	0	
110	6106	TW0162	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	16-Aug-10	0	-	0	-	0	-	0	-	0	
111	6106	TW0163	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	16-Aug-10	0	-	0	-	0	-	0	-	0	
112	6106	TW0165	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	18-Aug-10	0	-	0	-	0	-	0	-	0	
113	6106	TW0166	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	10-Sep-11	0	-	0	-	0	-	0	-	0	
114	6106	TW0167	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	10-Sep-11	0	-	0	-	0	-	0	-	0	
115	6106	TW0168	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	10-Sep-11	0	-	0	-	0	-	0	-	0	
116	6106	TW0169	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	10-Sep-11	0	-	0	-	0	-	0	-	0	
117	6106	TW0170	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	14-Aug-10	0	-	0	-	0	-	0	-	0	
118	6106	TW0171	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	14-Aug-10	0	-	0	-	0	-	0	-	0	
119	6106	TW0172	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	10-Sep-11	0	-	0	-	0	-	0	-	0	
120	6106	TW0173	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	10-Sep-11	0	-	0	-	0	-	0	-	0	
121	6106	TW0174	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	13-Aug-10	0	-	0	-	0	-	0	-	0	
122	6106	TW0175	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	13-Aug-10	0	-	0	-	0	-	0	-	0	
123	6106	TW0176	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	12-Aug-10	0	-	0	-	0	-	0	-	0	
124	6106	TW0177	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	12-Aug-10	0	-	0	-	0	-	0	-	0	
125	6106	TW0178	銀合歡	Tuen Mun Road near Kam Fai Garden	Remove	Remove	13-Aug-10	0	-	0	-	0	-	0	-	0	
126	6106	TW0179	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	12-Aug-10	0	-	0	-	0	-	0	-	0	
127	6106	TW0180	垂葉榕	Tuen Mun Road near Kam Fai Garden	Transplant	Transplant	N/A	0	03-Apr-11	0	03-Apr-11	0	03-Apr-11	0	03-Apr-11	0	Transplanted
128	6106	TW0181	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	11-Aug-10	0	-	0	-	0	-	0	-	0	
129	6106	TW0182	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	11-Aug-10	0	-	0	-	0	-	0	-	0	
130	6106	TW0183	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	11-Aug-10	0	-	0	-	0	-	0	-	0	
131	6106	TW0185	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	11-Aug-10	0	-	0	-	0	-	0	-	0	
132	6106	TW0186	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	12-Aug-10	0	-	0	-	0	-	0	-	0	
133	6106	TW0187	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	12-Aug-10	0	-	0	-	0	-	0	-	0	
134	6106	TW0188	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	13-Aug-10	0	-	0	-	0	-	0	-	0	
135	6106	TW0189	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	13-Aug-10	0	-	0	-	0	-	0	-	0	
136	6106	TW0190	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	13-Aug-10	0	-	0	-	0	-	0	-	0	
137	6106	TW0191	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	13-Aug-10	0	-	0	-	0	-	0	-	0	
138	6106	TW0192	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	14-Aug-10	0	-	0	-	0	-	0	-	0	
139	6106	TW0193	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	14-Aug-10	0	-	0	-	0	-	0	-	0	
140	6106	TW0194	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	14-Aug-10	0	-	0	-	0	-	0	-	0	
141	6106	TW0195	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	14-Aug-10	0	-	0	-	0	-	0	-	0	
142	6106	TW0196	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	14-Aug-10	0	-	0	-	0	-	0	-	0	
143	6106	TW0197	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	12-Aug-10	0	-	0	-	0	-	0	-	0	
144	6106	TW0198	檸檬桉	Tuen Mun Road near Kam Fai Garden	Fell	Fell	12-Aug-10	0	-	0	-	0	-	0	-	0	
145	6106	TW0199	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	11-Aug-10	0	-	0	-	0	-	0	-	0	
146	6106	TW0200	台灣相思	Tuen Mun Road near Kam Fai Garden	Fell	Fell	11-Aug-10	0	-	0	-	0	-	0	-	0	
147	6105	TW0580	宮粉羊蹄甲	Wong Chu Road near Ting Fuk House	Transplant	Transplant	N/A	0	07-Sep-10	0	07-Sep-10	0	30-Oct-10	0	01-Nov-10	0	Transplanted
148	6105	TW0581	大葉合歡	Wong Chu Road near Ting Fuk House	Transplant	Transplant	N/A	0	06-Sep-10	0	24-Sep-10	0	10-Sep-11	0	10-Sep-11	0	Transplanted
149	6105	TW0582	死樹	Wong Chu Road near Ting Fuk House	Remove	Remove	29-May-10	0	-	0	-	0	-	0	-	0	Ref. letter 115
150	6105	TW0583	菩提樹	Wong Chu Road near Ting Fuk House	Transplant	Retain	N/A	0	-	0	-	0	-	0	-	0	
151	6105	TW0584	雙翼豆	Wong Chu Road near Ting Fuk House	Transplant	Retain	N/A	0	-	0	-	0	-	0	-	0	
152	6105	TW0585	菩提樹	Wong Chu Road near Ting Fuk House	Transplant	Retain	N/A	0	-	0	-	0	-	0	-	0	
153	6105	TW0586	宮粉羊蹄甲	Wong Chu Road near Ting Fuk House	Transplant	Transplant	N/A	0	07-Sep-10	0	08-Sep-10	0	30-Oct-10	0	01-Nov-10	0	Transplanted
154	6105	TW0587	-	Wong Chu Road near Ting Fuk House	Transplant	Missing	20-Jan-11	0	-	0	-	0	-	0	-	0	Poor Health
155	6104	TW0588	雙翼豆	Wong Chu Road near Ting Fuk House	Transplant	Transplant	20-Jan-11	0	-	0	-	0	-	0	-	0	Poor Health
156	6104	TW0589	雙翼豆	Wong Chu Road near Ting Fuk House	Transplant	Fell	29-May-10	0	-	0	-	0	-	0	-	0	Ref. letter 115
157	6104	TW0590	朴樹	Wong Chu Road near Ting Fuk House	Fell	Fell	29-May-10	0	-	0	-	0	-	0	-	0	
158	6104	TW0591	石栗	Wong Chu Road near Ting Fuk House	Transplant	Transplant	N/A	0	07-Aug-10	0	10-Aug-10	0	24-Sep-10	0	30-Oct-10	0	Transplanted
159	6104	TW0592	石栗	Wong Chu Road near Ting Fuk House	Transplant	Transplant	N/A	0	07-Aug-10	0	19-Aug-10	0	22-Sep-10	0	30-Oct-10	0	Transplanted
160	6104	TW0593	雙翼豆	Wong Chu Road near Ting Fuk House	Transplant	Fell	29-May-10	0	-	0	-	0	-	0	-	0	Ref. letter 115
161	6104	TW0594	木棉	Wong Chu Road near Ting Fuk House	Transplant	Transplant	N/A	0	07-Aug-10	0	19-Aug-10	0	22-Sep-10	0	11-Oct-10	0	Transplanted
162	6104	TW0595	石栗	Wong Chu Road near Ting Fuk House	Transplant	Transplant	N/A	0	07-Aug-10	0	19-Aug-10	0	22-Sep-10	0	29-Oct-10	0	Transplanted
163	6104	TW0596	木棉	Wong Chu Road near Ting Fuk House	Transplant	Transplant	N/A	0	07-Aug-10	0	10-Aug-10	0	22-Sep-10	0	11-Oct-10	0	Transplanted
164	6104	TW0597	雙翼豆	Wong Chu Road near Ting Fuk House	Transplant	Fell	29-May-10	0	-	0	-	0	-	0	-	0	Ref. letter 115
165	6104	TW0598	-	Wong Chu Road near Ting Fuk House	Fell	-	29-May-10	0	-	0	-	0	-	0	-	0	

166	6104	TW0599	-	Wong Chu Road near Ting Fuk House	Fell	-	29-May-10	0	-	0	-	0	-	0	-	0	
167	6104	TW0600	木棉	Wong Chu Road near Ting Fuk House	Transplant	Transplant	N/A	0	07-Aug-10	0	19-Aug-10	0	22-Sep-10	0	11-Oct-10	0	Transplanted
168	6104	TW0601	雙翼豆	Wong Chu Road near Ting Fuk House	Transplant	Transplant	20-Jan-11	0	-	0	-	0	-	0	-	0	Poor Health
169	6104	TW0603	石栗	Tuen Mun Road near Ting Fuk House	Transplant	Transplant	N/A	0	07-Aug-10	0	05-Mar-11	0	06-Apr-11	0	07-Jun-11	0	Transplanted
170	6104	TW0604	雙翼豆	Tuen Mun Road near Ting Fuk House	Transplant	Fell	29-May-10	0	-	0	-	0	-	0	-	0	Ref. letter 115
171	6104	TW0605	石栗	Tuen Mun Road near Ting Fuk House	Transplant	Transplant	N/A	0	07-Aug-10	0	05-Mar-11	0	06-Apr-11	0	12-Jul-11	0	Transplanted
172	6104	TW0606	雙翼豆	Tuen Mun Road near Ting Fuk House	Transplant	Fell	29-May-10	0	-	0	-	0	-	0	-	0	Ref. letter 115
173	6104	TW0607	雙翼豆	Tuen Mun Road near Ting Fuk House	Transplant	Fell	29-May-10	0	-	0	-	0	-	0	-	0	Ref. letter 115
174	6104	TW0608	細葉榕	Tuen Mun Road near Ting Fuk House	Transplant	Transplant	N/A	0	02-Jun-11	0	03-Jun-11	0	18-Jun-11	0	18-Jul-11	0	Transplanted
175	6104	TW0609	細葉榕	Tuen Mun Road near Ting Fuk House	Transplant	Transplant	N/A	0	02-Jun-11	0	02-Jun-11	0	15-Jul-11	0	15-Jul-11	0	Transplanted
176	6104	TW0610	細葉榕	Tuen Mun Road near Ting Fuk House	Transplant	Transplant	N/A	0	31-May-11	0	02-Jun-11	0	28-Jul-11	0	28-Jul-11	0	Transplanted
177	6104	TW0611	細葉榕	Tuen Mun Road near Ting Fuk House	Transplant	Transplant	N/A	0	22-Sep-10	0	22-Sep-10	0	02-Nov-10	0	07-Jun-11	0	Transplanted
178	6104	TW0612	細葉榕	Tuen Mun Road near Ting Fuk House	Transplant	Transplant	N/A	0	31-May-11	0	02-Jun-11	0	14-Jul-11	0	14-Jul-11	0	Transplanted
179	6104	TW0613	銀合歡	Tuen Mun Road near Ting Fuk House	Remove	Remove	29-Aug-10	0	-	0	-	0	-	0	-	0	
180	6104	TW0614	細葉榕	Tuen Mun Road near Luk Cheung Kwong College	Transplant	Transplant	N/A	0	31-May-11	0	02-Jun-11	0	29-Jul-11	0	29-Jul-11	0	Transplanted
181	6104	TW0615	細葉榕	Tuen Mun Road near Luk Cheung Kwong College	Transplant	Transplant	N/A	0	02-Jun-11	0	03-Jun-11	0	16-Aug-11	0	16-Aug-11	0	Transplanted
182	6104	TW0616	阿江欖仁	Tuen Mun Road near Luk Cheung Kwong College	Transplant	Transplant	N/A	0	10-Sep-10	0	28-Sep-10	0	16-Nov-10	0	18-Nov-10	0	Transplanted
183	6104	TW0617	鳳凰木	Tuen Mun Road near Luk Cheung Kwong College	Transplant	Transplant	N/A	0	10-Sep-10	0	16-Sep-10	0	02-Nov-10	0	18-Nov-10	0	Transplanted
184	6104	TW0618	阿江欖仁	Tuen Mun Road near Luk Cheung Kwong College	Transplant	Transplant	N/A	0	10-Sep-10	0	30-Sep-10	0	16-Nov-10	0	17-Nov-10	0	Transplanted
185	6104	TW0619	阿江欖仁	Tuen Mun Road near Luk Cheung Kwong College	Transplant	Transplant	N/A	0	10-Sep-10	0	30-Sep-10	0	16-Nov-10	0	17-Nov-10	0	Transplanted
186	6104	TW0620	黃葛樹	Tuen Mun Road near Luk Cheung Kwong College	Fell	Fell	29-Aug-10	0	-	0	-	0	-	0	-	0	
187	6104	TW0621	黃葛樹	Tuen Mun Road near Luk Cheung Kwong College	Fell	Fell	22-Aug-10	0	-	0	-	0	-	0	-	0	
188	6104	TW0622	黃葛樹	Tuen Mun Road near Luk Cheung Kwong College	Fell	Fell	22-Aug-10	0	-	0	-	0	-	0	-	0	
189	6104	TW0623	黃葛樹	Tuen Mun Road near Luk Cheung Kwong College	Fell	Fell	29-Aug-10	0	-	0	-	0	-	0	-	0	
190	6104	TW0624	黃葛樹	Tuen Mun Road near Luk Cheung Kwong College	Fell	Fell	29-Aug-10	0	-	0	-	0	-	0	-	0	
191	6104	TW0625	黃葛樹	Tuen Mun Road near Luk Cheung Kwong College	Fell	Fell	29-Aug-10	0	-	0	-	0	-	0	-	0	
192	6104	TW0626	黃葛樹	Tuen Mun Road near Luk Cheung Kwong College	Fell	Fell	29-Aug-10	0	-	0	-	0	-	0	-	0	
193	6104	TW0627	黃葛樹	Tuen Mun Road near Luk Cheung Kwong College	Fell	Fell	29-Aug-10	0	-	0	-	0	-	0	-	0	
194	6104	TW0628	黃葛樹	Tuen Mun Road near Luk Cheung Kwong College	Fell	Fell	29-Aug-10	0	-	0	-	0	-	0	-	0	
195	6104	TW0629	黃葛樹	Tuen Mun Road near Luk Cheung Kwong College	Fell	Fell	22-Aug-10	0	-	0	-	0	-	0	-	0	
196	6104	TW0630	黃葛樹	Tuen Mun Road near Luk Cheung Kwong College	Fell	Fell	22-Aug-10	0	-	0	-	0	-	0	-	0	
197	6104	TW0631	黃葛樹	Tuen Mun Road near Luk Cheung Kwong College	Fell	Fell	22-Aug-10	0	-	0	-	0	-	0	-	0	
198	6104	TW0632	-	Tuen Mun Road near Luk Cheung Kwong College	Transplant	Missing	-	0	-	0	-	0	-	0	-	0	Missing
199	6104	TW0633	雙翼豆	Tuen Mun Road near Luk Cheung Kwong College	Transplant	Transplant	N/A	0	29-Sep-10	0	29-Sep-10	0	15-Nov-10	0	19-Nov-10	0	Transplanted
200	6104	TW0634	雙翼豆	Tuen Mun Road near Luk Cheung Kwong College	Transplant	Transplant	18-Dec-10	0	28-Sep-10	0	29-Sep-10	0	15-Nov-10	0	-	0	Rootball size = 0.5m
201	6104	TW0635	石栗	Tuen Mun Road near Luk Cheung Kwong College	Fell	Fell	05-Sep-10	0	-	0	-	0	-	0	-	0	
202	6104	TW0636	銀合歡	Tuen Mun Road near Luk Cheung Kwong College	Remove	Remove	05-Sep-10	0	-	0	-	0	-	0	-	0	
203	6104	TW0637	黃花夾竹桃	Tuen Mun Road near Luk Cheung Kwong College	Transplant	Transplant	N/A	0	17-Sep-10	0	17-Sep-10	0	02-Nov-10	0	09-Nov-10	0	Transplanted
204	6104	TW0638	黃花夾竹桃	Tuen Mun Road near Luk Cheung Kwong College	Fell	Fell	05-Sep-10	0	-	0	-	0	-	0	-	0	
205	6104	TW0639	台灣相思	Tuen Mun Road near Luk Cheung Kwong College	Fell	Fell	29-May-10	0	-	0	-	0	-	0	-	0	Ref. letter 115
206	6104	TW0640	石栗	Tuen Mun Road near Luk Cheung Kwong College	Fell	Fell	05-Sep-10	0	-	0	-	0	-	0	-	0	
207	6104	TW0641	-	Tuen Mun Road Slip Road to Tuen Hing Road	Retain	-	-	0	-	0	-	0	-	0	-	0	
208	6104	TW0642	台灣相思	Tuen Mun Road Slip Road to Tuen Hing Road	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
209	6104	TW0643	宮粉羊蹄甲	Tuen Mun Road Slip Road to Tuen Hing Road	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
210	6104	TW0644	台灣相思	Tuen Mun Road Slip Road to Tuen Hing Road	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
211	6104	TW0645	台灣相思	Tuen Mun Road Slip Road to Tuen Hing Road	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
212	6104	TW0646	宮粉羊蹄甲	Tuen Mun Road Slip Road to Tuen Hing Road	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
213	6104	TW0647	台灣相思	Tuen Mun Road Slip Road to Tuen Hing Road	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
214	6104	TW0677	大葉合歡	Tuen Mun Road Slip Road to Tuen Hing Road	Fell	Retain	13-Mar-11	0	-	0	-	0	-	0	-	0	Night Work
215	6104	TW0678	-	Tuen Mun Road Slip Road to Tuen Hing Road	Missing	Retain	-	0	-	0	-	0	-	0	-	0	Missing
216	6104	TW0679	-	Tuen Mun Road Slip Road to Tuen Hing Road	Missing	Retain	-	0	-	0	-	0	-	0	-	0	Missing
217	6103	TW0680	-	Tuen Mun Road Slip Road to Tuen Hing Road	Remove	-	-	0	-	0	-	0	-	0	-	0	
218	6103	TW0681	-	Tuen Mun Road Slip Road to Tuen Hing Road	Missing	Retain	-	0	-	0	-	0	-	0	-	0	Missing
219	6103	TW0682	-	Tuen Mun Road Slip Road to Tuen Hing Road	Missing	Retain	-	0	-	0	-	0	-	0	-	0	Missing
220	6103	TW0683	-	Tuen Mun Road Slip Road to Tuen Hing Road	Missing	Retain	-	0	-	0	-	0	-	0	-	0	Missing
221	6103	TW0684	-	Tuen Mun Road Slip Road to Tuen Hing Road	Missing	Retain	-	0	-	0	-	0	-	0	-	0	Missing
222	6103	TW0685	-	Tuen Mun Road Slip Road to Tuen Hing Road	Missing	Retain	-	0	-	0	-	0	-	0	-	0	Missing
223	6103	TW0686	-	Tuen Mun Road Slip Road to Tuen Hing Road	Missing	Retain	-	0	-	0	-	0	-	0	-	0	Missing
224	6103	TW0687	台灣相思	Tuen Mun Road Slip Road to Tuen Hing Road	Fell	Retain	13-Mar-11	0	-	0	-	0	-	0	-	0	Night Work
225	6103	TW0688	台灣相思	Tuen Mun Road Slip Road to Tuen Hing Road	Fell	Retain	13-Mar-11	0	-	0	-	0	-	0	-	0	Night Work
226	6103	TW0689	台灣相思	Tuen Mun Road Slip Road to Tuen Hing Road	Fell	Retain	13-Mar-11	0	-	0	-	0	-	0	-	0	Night Work

227	6103	TW0690	台灣相思	Tuen Mun Road Slip Road to Tuen Hing Road	Fell	Retain	13-Mar-11	0	-	0	-	0	-	0	-	0	Night Work
228	6103	TW0691	-	Tuen Mun Road Slip Road to Tuen Hing Road	Missing	Retain	-	0	-	0	-	0	-	0	-	0	Missing
229	6103	TW0692	-	Tuen Mun Road Slip Road to Tuen Hing Road	Remove	-	-	0	-	0	-	0	-	0	-	0	
230	6103	TW0693	台灣相思	Tuen Mun Road Slip Road to Tuen Hing Road	Fell	Retain	13-Mar-11	0	-	0	-	0	-	0	-	0	Night Work
231	6103	TW0694	宮粉羊蹄甲	Tuen Mun Road Slip Road to Tuen Hing Road	Fell	Retain	13-Mar-11	0	-	0	-	0	-	0	-	0	Night Work
232	6103	TW0695	宮粉羊蹄甲	Tuen Mun Road Slip Road to Tuen Hing Road	Fell	Retain	13-Mar-11	0	-	0	-	0	-	0	-	0	Night Work
233	6103	TW0696	宮粉羊蹄甲	Tuen Mun Road Slip Road to Tuen Hing Road	Fell	Retain	13-Mar-11	0	-	0	-	0	-	0	-	0	Night Work
234	6103	TW0697	大葉合歡	Tuen Mun Road Slip Road to Tuen Hing Road	Fell	Retain	13-Mar-11	0	-	0	-	0	-	0	-	0	Night Work
235	6103	TW0698	宮粉羊蹄甲	Tuen Hi Road near Tuen Mun Road (YL/B)	Fell	Retain	13-Mar-11	0	-	0	-	0	-	0	-	0	Night Work
236	6103	TW0699	宮粉羊蹄甲	Tuen Hi Road near Tuen Mun Road (YL/B)	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
237	6103	TW0700	黃葛樹	Tuen Fat Road near Tuen Lee Street	Fell	Fell	12-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
238	6103	TW0701	石栗	Tuen Fat Road near Tuen Lee Street	Fell	Fell	12-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
239	6103	TW0702	石栗	Tuen Fat Road near Tuen Lee Street	Fell	Fell	12-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
240	6103	TW0703	石栗	Tuen Fat Road near Tuen Lee Street	Fell	Fell	12-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
241	6103	TW0704	石栗	Tuen Fat Road near Tuen Lee Street	Fell	Fell	12-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
242	6103	TW0705	白千層	Tuen Fat Road near Tuen Lee Street	Fell	Fell	12-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
243	6103	TW0706	黃葛樹	Tuen Fat Road near Tuen Lee Street	Fell	Fell	12-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
244	6102	TW0707	石栗	Tuen Fat Road near Tuen Yan Street	Fell	Fell	08-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
245	6102	TW0708	-	Tuen Fat Road near Tuen Yan Street	Fell	-	08-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
246	6102	TW0709	石栗	Tuen Fat Road near Tuen Yan Street	Fell	Fell	08-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
247	6102	TW0710	黃葛樹	Tuen Fat Road near Tuen Yan Street	Fell	Fell	08-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
248	6102	TW0711	鳳凰木	Tuen Fat Road near Tuen Yan Street	Fell	Fell	08-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
249	6102	TW0712	白千層	Tuen Fat Road near Tuen Yan Street	Fell	Fell	08-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
250	6102	TW0713	白千層	Tuen Fat Road near Tuen Yan Street	Fell	Fell	09-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
251	6102	TW0714	石栗	Tuen Fat Road near Tuen Yan Street	Fell	Fell	09-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
252	6102	TW0715	石栗	Tuen Fat Road near Tuen Yan Street	Fell	Fell	08-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
253	6102	TW0716	鳳凰木	Tuen Fat Road near Tuen Yan Street	Fell	Fell	09-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
254	6102	TW0717	木棉	Tuen Fat Road near Tuen Yan Street	Fell	Fell	09-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
255	6102	TW0718	石栗	Tuen Fat Road near Tuen Yan Street	Fell	Fell	09-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
256	6101	TW0719	白千層	Centre Median near Yan Oi Tong	Fell	Fell	31-Dec-10	0	-	0	-	0	-	0	-	0	Night Work
257	6101	TW0720	白千層	Centre Median near Yan Oi Tong	Fell	Fell	31-Dec-10	0	-	0	-	0	-	0	-	0	Night Work
258	6101	TW0722	大葉桉	Centre Median near Yan Oi Tong	Fell	Fell	31-Dec-10	0	-	0	-	0	-	0	-	0	Night Work
259	6102	TW0723	-	Centre Median near Tuen Yan Street	Fell	-	Done	0	-	0	-	0	-	0	-	0	Missing
260	6102	TW0724	白千層	Centre Median near Tuen Yan Street	Fell	Fell	13-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
261	6102	TW0725	白千層	Centre Median near Tuen Yan Street	Fell	Fell	13-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
262	6102	TW0726	白千層	Centre Median near Tuen Yan Street	Fell	Fell	13-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
263	6102	TW0727	假檳榔	Centre Median near Tuen Yan Street	Fell	Fell	13-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
264	6102	TW0728	白千層	Centre Median near Tuen Yan Street	Fell	Fell	13-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
265	6102	TW0729	白千層	Centre Median near Tuen Yan Street	Fell	Fell	13-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
266	6102	TW0730	白千層	Centre Median near Tuen Yan Street	Fell	Fell	13-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
267	6102	TW0731	白千層	Centre Median near Tuen Yan Street	Fell	Fell	13-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
268	6102	TW0732	白千層	Centre Median near Tuen Yan Street	Fell	Fell	13-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
269	6102	TW0733	白千層	Centre Median near Tuen Yan Street	Fell	Fell	13-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
270	6102	TW0734	白千層	Centre Median near Tuen Yan Street	Fell	Fell	13-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
271	6102	TW0735	石栗	Centre Median near Tuen Yan Street	Fell	Fell	15-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
272	6102	TW0736	木棉	Centre Median near Tuen Yan Street	Fell	Fell	15-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
273	6102	TW0737	石栗	Centre Median near Tuen Yan Street	Fell	Fell	13-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
274	6102	TW0738	白千層	Centre Median near Tuen Yan Street	Fell	Fell	13-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
275	6102	TW0739	白千層	Centre Median near Tuen Yan Street	Fell	Fell	13-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
276	6102	TW0740	黃葛樹	Centre Median near Tuen Yan Street	Fell	Fell	15-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
277	6102	TW0741	石栗	Centre Median near Tuen Yan Street	Fell	Fell	19-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
278	6102	TW0742	石栗	Centre Median near Tuen Yan Street	Fell	Fell	14-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
279	6102	TW0743	黃葛樹	Centre Median near Tuen Yan Street	Fell	Fell	19-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
280	6102	TW0744	石栗	Centre Median near Tuen Yan Street	Fell	Fell	19-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
281	6102	TW0745	石栗	Centre Median near Tuen Yan Street	Fell	Fell	14-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
282	6102	TW0746	石栗	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	13-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
283	6102	TW0747	白千層	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	13-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
284	6103	TW0748	石栗	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	13-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
285	6103	TW0749	白千層	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	13-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
286	6103	TW0750	鳳凰木	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	13-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
287	6103	TW0751	黃葛樹	Centre Median between Tuen Shing St & Tuen Hing Rd	Fell	Fell	13-Oct-10	0	-	0	-	0	-	0	-	0	Night Work

410	6103	TW0875	黃葛樹	Tuen Hi Road near Tuen Wui Street	Fell	Fell	28-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
411	6103	TW0876	木棉	Tuen Hi Road near Tuen Wui Street	Fell	Fell	21-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
412	6103	TW0877	黃葛樹	Tuen Hi Road near Tuen Wui Street	Fell	Fell	29-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
413	6103	TW0878	黃葛樹	Tuen Hi Road near Tuen Wui Street	Fell	Fell	29-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
414	6103	TW0879	黃葛樹	Tuen Hi Road near Tuen Wui Street	Fell	Fell	28-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
415	6103	TW0880	黃葛樹	Tuen Hi Road near Tuen Wui Street	Fell	Fell	28-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
416	6102	TW0881	秋楓	Tuen Mun Road A Bound near Tuen Lung Street	Transplant	Transplant	N/A	0	31-Aug-10	0	07-Oct-10	0	17-Dec-10	0	17-Mar-11	0	Transplanted
417	6102	TW0882	秋楓	Tuen Mun Road A Bound near Tuen Lung Street	Transplant	Transplant	N/A	0	31-Aug-10	0	06-Sep-10	0	07-Oct-10	0	12-Mar-11	0	Transplanted
418	6102	TW0883	秋楓	Tuen Mun Road A Bound near Tuen Lung Street	Transplant	Transplant	N/A	0	31-Aug-10	0	04-Sep-10	0	07-Oct-10	0	12-Mar-11	0	Transplanted
419	6102	TW0884	苦楝	Tuen Mun Road A Bound near Tuen Lung Street	Transplant	Transplant	N/A	0	27-Sep-10	0	28-Sep-10	0	23-Mar-11	0	24-Mar-11	0	31/8 First Time
420	6102	TW0885	苦楝	Tuen Mun Road A Bound near Tuen Lung Street	Transplant	Transplant	N/A	0	27-Sep-10	0	28-Sep-10	0	23-Mar-11	0	24-Mar-11	0	31/8 First Time
421	6102	TW0886	秋楓樹	Tuen Mun Road A Bound near Tuen Lung Street	Transplant	Transplant	N/A	0	27-Sep-10	0	07-Oct-10	0	28-Mar-11	0	29-Mar-11	0	31/8 First Time
422	6102	TW0887	白千層	Tuen Mun Road A Bound near Yan Ching Street	Fell	Fell	12-Nov-10	0	-	0	-	0	-	0	-	0	
423	6102	TW0888	白千層	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	0	25-Sep-10	0	25-Sep-10	0	09-Nov-10	0	17-Jan-11	0	Transplanted
424	6102	TW0889	白千層	Tuen Mun Road A Bound near Yan Ching Street	Fell	Fell	12-Nov-10	0	-	0	-	0	-	0	-	0	
425	6101	TW0890	白千層	Tuen Mun Road A Bound near Yan Ching Street	Fell	Fell	12-Nov-10	0	-	0	-	0	-	0	-	0	
426	6101	TW0891	樹頭菜	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	0	30-Aug-10	0	30-Aug-10	0	06-Oct-10	0	09-Nov-10	0	Transplanted
427	6101	TW0892	樹頭菜	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	0	30-Aug-10	0	01-Sep-10	0	06-Oct-10	0	08-Nov-10	0	Transplanted
428	6101	TW0893	樹頭菜	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	0	30-Aug-10	0	31-Aug-10	0	06-Oct-10	0	08-Nov-10	0	Transplanted
429	6101	TW0894	樹頭菜	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	0	30-Aug-10	0	31-Aug-10	0	06-Oct-10	0	08-Nov-10	0	Transplanted
430	6101	TW0895	石栗	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	0	20-Aug-10	0	02-Sep-10	0	20-Nov-10	0	20-Nov-10	0	Transplanted
431	6101	TW0896	洋紫荆	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	0	30-Aug-10	0	04-Sep-10	0	06-Oct-10	0	04-Nov-10	0	Transplanted
432	6101	TW0897	洋紫荆	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	0	30-Aug-10	0	30-Aug-10	0	05-Oct-10	0	04-Nov-10	0	Transplanted
433	6101	TW0898	洋紫荆	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	0	30-Aug-10	0	04-Sep-10	0	05-Oct-10	0	04-Nov-10	0	Transplanted
434	6101	TW0899	洋紫荆	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	0	20-Aug-10	0	03-Sep-10	0	05-Oct-10	0	08-Nov-10	0	Transplanted
435	6101	TW0900	石栗	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	0	20-Aug-10	0	04-Sep-10	0	05-Oct-10	0	06-Dec-10	0	Transplanted
436	6101	TW0901	樹頭菜	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	0	30-Aug-10	0	03-Sep-10	0	05-Oct-10	0	08-Nov-10	0	Transplanted
437	6101	TW0902	鳳凰木	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	0	07-Sep-10	0	09-Oct-10	0	09-Apr-11	0	09-Apr-11	0	Undergr'd UU
438	6101	TW0903	鳳凰木	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	0	07-Sep-10	0	07-Sep-10	0	04-Oct-10	0	07-Dec-10	0	Transplanted
439	6101	TW0904	鳳凰木	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	0	07-Sep-10	0	07-Sep-10	0	04-Oct-10	0	09-Nov-10	0	Transplanted
440	6101	TW0905	石栗	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	0	20-Aug-10	0	04-Sep-10	0	05-Oct-10	0	20-Nov-10	0	Transplanted
441	6101	TW0906	石栗	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	0	20-Aug-10	0	03-Sep-10	0	04-Oct-10	0	06-Dec-10	0	Transplanted
442	6101	TW0907	石栗	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	0	20-Aug-10	0	03-Sep-10	0	04-Oct-10	0	07-Dec-10	0	Transplanted
443	6101	TW0908	洋紫荆	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	0	01-Sep-10	0	04-Sep-10	0	07-Oct-10	0	11-Dec-10	0	Transplanted
444	6101	TW0909	石栗	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	0	01-Sep-10	0	04-Sep-10	0	09-Dec-10	0	09-Dec-10	0	Transplanted
445	6101	TW0910	石栗	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	0	01-Sep-10	0	04-Sep-10	0	09-Dec-10	0	09-Dec-10	0	Transplanted
446	6101	TW0911	烏桕	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	0	01-Sep-10	0	03-Sep-10	0	08-Dec-10	0	08-Dec-10	0	Transplanted
447	6101	TW0912	鳳凰木	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	0	07-Sep-10	0	10-Dec-10	0	10-Dec-10	0	10-Dec-10	0	Transplanted
448	6101	TW0913	烏桕	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	0	01-Sep-10	0	04-Sep-10	0	13-Dec-10	0	13-Dec-10	0	Transplanted
449	6101	TW0914	假檳榔	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	0	01-Sep-10	0	03-Sep-10	0	06-Oct-10	0	15-Dec-10	0	Transplanted
450	6101	TW0915	假檳榔	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	0	01-Sep-10	0	02-Sep-10	0	06-Oct-10	0	15-Dec-10	0	Transplanted
451	6101	TW0916	假檳榔	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	15-Dec-10	0	30-Aug-10	0	02-Sep-10	0	06-Oct-10	0	-	0	Poor Health
452	6101	TW0917	假檳榔	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	0	01-Sep-10	0	02-Sep-10	0	15-Dec-10	0	18-Jan-11	0	Transplanted
453	6101	TW0918	大葉桉	Tuen Mun Road A Bound near Yan Ching Street	Fell	Fell	27-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
454	6101	TW0919	假檳榔	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	0	30-Aug-10	0	02-Sep-10	0	04-Oct-10	0	15-Dec-10	0	Transplanted
455	6101	TW0920	大葉桉	Tuen Mun Road A Bound near Yan Ching Street	Fell	Fell	27-Oct-10	0	-	0	-	0	-	0	-	0	by other
456	6101	TW0921	串錢柳	Tuen Mun Road A Bound near Yan Ching Street	Fell	Fell	27-Oct-10	0	-	0	-	0	-	0	-	0	Night Work
457	6101	TW0922	假檳榔	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	0	30-Aug-10	0	03-Sep-10	0	04-Oct-10	0	15-Dec-10	0	Transplanted
458	6101	TW0923	假檳榔	Tuen Mun Road A Bound near Yan Ching Street	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
459	6101	TW0924	假檳榔	Tuen Mun Road A Bound near Yan Ching Street	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
460	6101	TW0925	假檳榔	Tuen Mun Road A Bound near Yan Ching Street	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
461	6101	TW0926	大葉桉	Tuen Mun Road A Bound near Yan Ching Street	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
462	6101	TW0927	串錢柳	Tuen Mun Road A Bound near Yan Ching Street	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
463	6101	TW0928	大葉桉	Tuen Mun Road A Bound near Yan Ching Street	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
464	6101	TW0929	串錢柳	Tuen Mun Road A Bound near Yan Ching Street	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
465	6101	TW0930	大葉桉	Tuen Mun Road A Bound near Yan Ching Street	Fell	Fell	31-Dec-10	0	-	0	-	0	-	0	-	0	Night Work
466	6101	TW0931	大葉桉	Tuen Mun Road A Bound near Yan Ching Street	Fell	Fell	31-Dec-10	0	-	0	-	0	-	0	-	0	Night Work
467	6101	TW0932	假檳榔	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	0	30-Aug-10	0	03-Sep-10	0	04-Oct-10	0	04-Jan-11	0	Night Work
468	6101	TW0933	假檳榔	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	0	30-Aug-10	0	03-Sep-10	0	04-Oct-10	0	04-Jan-11	0	Night Work
469	6101	TW0934	假檳榔	Tuen Mun Road A Bound near Yan Ching Street	Transplant	Transplant	N/A	0	30-Aug-10	0	03-Sep-10	0	05-Oct-10	0	04-Jan-11	0	Night Work
470	6101	TW0935	大葉桉	Tuen Mun Road A Bound near Yan Ching Street	Fell	Fell	27-Oct-10	0	-	0	-	0	-	0	-	0	Night Work

593	6101	TW1067	石栗	Yan Oi Tong Circuit Planter Area	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
594	6101	TW1068	石栗	Yan Oi Tong Circuit Planter Area	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
595	6101	TW1069	鳳凰木	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	15-Sep-10	0	-	0	-	0	-	0	-	0	Night Work
596	6101	TW1070	-	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	-	Done	0	-	0	-	0	-	0	-	0	Missing/removed during site
597	6101	TW1071	大葉合歡	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	15-Sep-10	0	-	0	-	0	-	0	-	0	Night Work
598	6101	TW1072	石栗	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	15-Sep-10	0	-	0	-	0	-	0	-	0	Night Work
599	6101	TW1073	-	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	-	Done	0	-	0	-	0	-	0	-	0	Missing/removed during site
600	6101	TW1074	串錢柳	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	28-Sep-10	0	-	0	-	0	-	0	-	0	Night Work
601	6101	TW1075	串錢柳	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	15-Sep-10	0	-	0	-	0	-	0	-	0	Night Work
602	6101	TW1076	串錢柳	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	15-Sep-10	0	-	0	-	0	-	0	-	0	Night Work
603	6101	TW1077	雙翼豆	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	15-Sep-10	0	-	0	-	0	-	0	-	0	Night Work
604	6101	TW1078	串錢柳	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	29-Sep-10	0	-	0	-	0	-	0	-	0	
605	6101	TW1079	串錢柳	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	28-Sep-10	0	-	0	-	0	-	0	-	0	Night Work
606	6101	TW1080	串錢柳	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	27-Sep-10	0	-	0	-	0	-	0	-	0	
607	6101	TW1081	串錢柳	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	29-Sep-10	0	-	0	-	0	-	0	-	0	
608	6101	TW1082	大葉桉	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	27-Sep-10	0	-	0	-	0	-	0	-	0	
609	6101	TW1083	串錢柳	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	27-Sep-10	0	-	0	-	0	-	0	-	0	
610	6101	TW1084	洋紫荆	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	29-Sep-10	0	-	0	-	0	-	0	-	0	
611	6101	TW1085	-	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	-	Done	0	-	0	-	0	-	0	-	0	Missing/removed during site
612	6101	TW1086	大葉桉	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	29-Sep-10	0	-	0	-	0	-	0	-	0	
613	6101	TW1087	洋紫荆	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	27-Sep-10	0	-	0	-	0	-	0	-	0	
614	6101	TW1088	大葉桉	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	28-Sep-10	0	-	0	-	0	-	0	-	0	
615	6101	TW1089	大葉合歡	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	27-Sep-10	0	-	0	-	0	-	0	-	0	
616	6101	TW1090	大葉合歡	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	28-Sep-10	0	-	0	-	0	-	0	-	0	Night Work
617	6101	TW1091	銀合歡	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	28-Sep-10	0	-	0	-	0	-	0	-	0	Night Work
618	6101	TW1092	大葉桉	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	27-Sep-10	0	-	0	-	0	-	0	-	0	
619	6101	TW1093	大葉桉	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	28-Sep-10	0	-	0	-	0	-	0	-	0	Night Work
620	6101	TW1094	大葉桉	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	27-Sep-10	0	-	0	-	0	-	0	-	0	
621	6101	TW1095	大葉桉	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	29-Sep-10	0	-	0	-	0	-	0	-	0	
622	6101	TW1096	-	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Missing	Done	0	-	0	-	0	-	0	-	0	Missing
623	6101	TW1097	大葉桉	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	25-Sep-10	0	-	0	-	0	-	0	-	0	Night Work
624	6101	TW1098	大葉桉	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	29-Sep-10	0	-	0	-	0	-	0	-	0	
625	6101	TW1099	大葉桉	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	29-Sep-10	0	-	0	-	0	-	0	-	0	
626	6109	TW1100	銀合歡	Castle Peak Road near Site Office	Remove	Remove	01-Jun-10	0	-	0	-	0	-	0	-	0	
627	6109	TW1101	銀合歡	Castle Peak Road near Site Office	Remove	Remove	01-Jun-10	0	-	0	-	0	-	0	-	0	
628	6109	TW1102	銀合歡	Castle Peak Road near Site Office	Remove	Remove	01-Jun-10	0	-	0	-	0	-	0	-	0	
629	6109	TW1103	銀合歡	Castle Peak Road near Site Office	Remove	Remove	01-Jun-10	0	-	0	-	0	-	0	-	0	
630	6109	TW1104	銀合歡	Castle Peak Road near Site Office	Remove	Remove	01-Jun-10	0	-	0	-	0	-	0	-	0	
631	6109	TW1105	銀合歡	Castle Peak Road near Site Office	Remove	Remove	01-Jun-10	0	-	0	-	0	-	0	-	0	
632	6109	TW1106	銀合歡	Castle Peak Road near Site Office	Remove	Remove	01-Jun-10	0	-	0	-	0	-	0	-	0	
633	6109	TW1107	銀合歡	Castle Peak Road near Site Office	Remove	Remove	01-Jun-10	0	-	0	-	0	-	0	-	0	
634	6109	TW1108	銀合歡	Castle Peak Road near Site Office	Remove	Remove	01-Jun-10	0	-	0	-	0	-	0	-	0	
635	6105	TW1143	雙翼豆	Tsing Sin Playground	Transplant	Transplant	N/A	0	25-Aug-10	0	27-Aug-10	0	04-Oct-10	0	26-Oct-10	0	Transplanted
636	6105	TW1144	-	Tsing Sin Playground	Transplant	Missing	-	0	-	0	-	0	-	0	-	0	Missing
637	6105	TW1145	雙翼豆	Tsing Sin Playground	Transplant	Transplant	N/A	0	25-Aug-10	0	27-Aug-10	0	04-Oct-10	0	26-Oct-10	0	Transplanted
638	6105	TW1146	雙翼豆	Tsing Sin Playground	Transplant	Transplant	N/A	0	25-Aug-10	0	27-Aug-10	0	04-Oct-10	0	26-Oct-10	0	Transplanted
639	6105	TW1147	-	Tsing Sin Playground	Transplant	Missing	-	0	-	0	-	0	-	0	-	0	Missing
640	6105	TW1148	大花紫薇	Tsing Sin Playground	Transplant	Transplant	N/A	0	17-Aug-10	0	17-Aug-10	0	20-Sep-10	0	25-Oct-10	0	Transplanted
641	6105	TW1149	大花紫薇	Tsing Sin Playground	Transplant	Transplant	N/A	0	17-Aug-10	0	17-Aug-10	0	20-Sep-10	0	25-Oct-10	0	Transplanted
642	6105	TW1150	大花紫薇	Tsing Sin Playground	Transplant	Transplant	N/A	0	17-Aug-10	0	17-Aug-10	0	18-Sep-10	0	20-Oct-10	0	Transplanted
643	6105	TW1151	大花紫薇	Tsing Sin Playground	Transplant	Transplant	N/A	0	17-Aug-10	0	17-Aug-10	0	18-Sep-10	0	20-Oct-10	0	Transplanted
644	6105	TW1152	大花紫薇	Tsing Sin Playground	Transplant	Transplant	N/A	0	17-Aug-10	0	17-Aug-10	0	18-Sep-10	0	20-Oct-10	0	Transplanted
645	6105	TW1153	大花紫薇	Tsing Sin Playground	Transplant	Transplant	N/A	0	17-Aug-10	0	17-Aug-10	0	18-Sep-10	0	20-Oct-10	0	Transplanted
646	6105	TW1154	細葉榕	Tsing Sin Playground	Transplant	Retain	-	0	-	0	-	0	-	0	-	0	-
647	6105	TW1155	細葉榕	Tsing Sin Playground	Transplant	Retain	-	0	-	0	-	0	-	0	-	0	-
648	6105	TW1156	細葉榕	Tsing Sin Playground	Transplant	Retain	-	0	-	0	-	0	-	0	-	0	-
649	6105	TW1157	細葉榕	Tsing Sin Playground	Transplant	Retain	-	0	-	0	-	0	-	0	-	0	-
650	6105	TW1158	馬拉巴栗	Tsing Hoi Circuit near RCP	Transplant	Transplant	N/A	0	31-Aug-10	0	02-Sep-10	0	04-Oct-10	0	25-Oct-10	0	Transplanted
651	6105	TW1161	血桐	Tsing Hoi Circuit near RCP	Fell	Fell	21-Aug-10	0	-	0	-	0	-	0	-	0	

652	6105	TW1162	黃花夾竹桃	Tsing Hoi Circuit near RCP	Fell	Fell	21-Aug-10	0	-	0	-	0	-	0	-	0	-	0	
653	6105	TW1163	黃花夾竹桃	Tsing Hoi Circuit near RCP	Fell	Fell	21-Aug-10	0	-	0	-	0	-	0	-	0	-	0	
654	6105	TW1164	黃花夾竹桃	Tsing Hoi Circuit near RCP	Fell	Fell	21-Aug-10	0	-	0	-	0	-	0	-	0	-	0	
655	6105	TW1165	銀合歡	Tsing Hoi Circuit near RCP	Remove	Remove	21-Aug-10	0	-	0	-	0	-	0	-	0	-	0	
656	6108	TW1166	白千層	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	0	15-Jun-11	0	Not Yet	1	Not Yet	1	22-Mar-12	0			
657	6108	TW1167	白千層	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	0	15-Jun-11	0	Not Yet	1	Not Yet	1	21-Mar-12	0			
658	6108	TW1168	白千層	Castle Peak Road J/O Fu Fat Lane	Fell	Fell	15-Jun-11	0	-	0	-	0	-	0	-	0	-	0	
659	6108	TW1169	白千層	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	0	15-Jun-11	0	Not Yet	1	Not Yet	1	20-Mar-12	0			
660	6108	TW1170	白千層	Castle Peak Road J/O Fu Fat Lane	Fell	Fell	19-Mar-12	0	-	0	-	0	-	0	-	0	-	0	
661	6108	TW1171	串錢柳	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	0	15-Jun-11	0	Not Yet	1	Not Yet	1	19-Mar-12	0			
662	6108	TW1172	宮粉羊蹄甲	Castle Peak Road near Fu Fat Lane Footpath	Transplant	Transplant	N/A	0	19-Nov-10	0	08-Jul-11	0	08-Jul-11	0	08-Jul-11	0	08-Jul-11	0	Transplanted
663	6108	TW1173	宮粉羊蹄甲	Castle Peak Road near Fu Fat Lane Footpath	Transplant	Transplant	N/A	0	19-Nov-10	0	08-Jul-11	0	08-Jul-11	0	08-Jul-11	0	08-Jul-11	0	Transplanted
664	6108	TW1174	木麻黃	Castle Peak Road J/O Fu Fat Lane	Fell	Fell	08-Jul-11	0	-	0	-	0	-	0	-	0	-	0	
665	6108	TW1182	木麻黃	Castle Peak Road J/O Fu Fat Lane	Retain	Retain	-	0	-	0	-	0	-	0	-	0	-	0	
666	6108	TW1183	南洋杉	Castle Peak Road J/O Fu Fat Lane	Retain	Retain	-	0	-	0	-	0	-	0	-	0	-	0	
667	6108	TW1185	南洋杉	Castle Peak Road J/O Fu Fat Lane	Retain	Retain	-	0	-	0	-	0	-	0	-	0	-	0	
668	6108	TW1186	南洋杉	Castle Peak Road J/O Fu Fat Lane	Retain	Retain	-	0	-	0	-	0	-	0	-	0	-	0	
669	6108	TW1187	木麻黃	Castle Peak Road J/O Fu Fat Lane	Fell	Fell	20-Feb-12	0	-	0	-	0	-	0	-	0	-	0	
670	6108	TW1190	串錢柳	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	0	16-Nov-11	0	Not Yet	1	Not Yet	1	Not Yet	1	Not Yet	1	
671	6108	TW1191	串錢柳	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	0	16-Nov-11	0	Not Yet	1	Not Yet	1	Not Yet	1	Not Yet	1	
672	6108	TW1192	白千層	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	0	16-Nov-11	0	Not Yet	1	Not Yet	1	Not Yet	1	Not Yet	1	
673	6108	TW1193	串錢柳	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	0	16-Jun-11	0	Not Yet	1	Not Yet	1	Not Yet	1	Not Yet	1	
674	6108	TW1194	白千層	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	0	16-Jun-11	0	Not Yet	1	Not Yet	1	Not Yet	1	Not Yet	1	
675	6108	TW1195	白千層	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	0	16-Jun-11	0	Not Yet	1	Not Yet	1	Not Yet	1	Not Yet	1	
676	6108	TW1196	白千層	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	0	16-Jun-11	0	Not Yet	1	Not Yet	1	Not Yet	1	Not Yet	1	
677	6104	TW1200	木棉	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	13-Nov-10	0	-	0	-	0	-	0	-	0	-	0	Night Work
678	6104	TW1201	宮粉羊蹄甲	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	05-Nov-10	0	-	0	-	0	-	0	-	0	-	0	
679	6104	TW1202	黃槿	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	05-Nov-10	0	-	0	-	0	-	0	-	0	-	0	
680	6104	TW1203	黃槿	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	05-Nov-10	0	-	0	-	0	-	0	-	0	-	0	
681	6104	TW1204	-	Tsing Hoi Circuit near Tsing Wu Square	Fell	-	Done	0	-	0	-	0	-	0	-	0	-	0	Missing
682	6104	TW1205	木棉	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	13-Nov-10	0	-	0	-	0	-	0	-	0	-	0	Night Work
683	6104	TW1206	黃槿	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	13-Nov-10	0	-	0	-	0	-	0	-	0	-	0	Night Work
684	6104	TW1207	石栗	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	13-Nov-10	0	-	0	-	0	-	0	-	0	-	0	Night Work
685	6104	TW1208	楓香	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	12-Nov-10	0	-	0	-	0	-	0	-	0	-	0	Night Work
686	6104	TW1209	黃槿	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	13-Nov-10	0	-	0	-	0	-	0	-	0	-	0	Night Work
687	6104	TW1210	石栗	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	13-Nov-10	0	-	0	-	0	-	0	-	0	-	0	Night Work
688	6104	TW1211	鳳凰木	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	13-Nov-10	0	-	0	-	0	-	0	-	0	-	0	Night Work
689	6104	TW1212	石栗	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	13-Nov-10	0	-	0	-	0	-	0	-	0	-	0	Night Work
690	6104	TW1213	黃槿	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	12-Nov-10	0	-	0	-	0	-	0	-	0	-	0	Night Work
691	6104	TW1214	木棉	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	13-Nov-10	0	-	0	-	0	-	0	-	0	-	0	Night Work
692	6104	TW1215	宮粉羊蹄甲	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	13-Nov-10	0	-	0	-	0	-	0	-	0	-	0	Night Work
693	6104	TW1216	木棉	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	12-Nov-10	0	-	0	-	0	-	0	-	0	-	0	Night Work
694	6104	TW1217	石栗	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	12-Nov-10	0	-	0	-	0	-	0	-	0	-	0	Night Work
695	6104	TW1218	木棉	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	12-Nov-10	0	-	0	-	0	-	0	-	0	-	0	Night Work
696	6104	TW1219	宮粉羊蹄甲	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	12-Nov-10	0	-	0	-	0	-	0	-	0	-	0	Night Work
697	6104	TW1220	木棉	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	11-Nov-10	0	-	0	-	0	-	0	-	0	-	0	Night Work
698	6104	TW1221	石栗	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	11-Nov-10	0	-	0	-	0	-	0	-	0	-	0	Night Work
699	6104	TW1222	黃槿	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	11-Nov-10	0	-	0	-	0	-	0	-	0	-	0	Night Work
700	6104	TW1223	石栗	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	11-Nov-10	0	-	0	-	0	-	0	-	0	-	0	Night Work
701	6104	TW1224	木棉	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	11-Nov-10	0	-	0	-	0	-	0	-	0	-	0	Night Work
702	6104	TW1225	石栗	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	11-Nov-10	0	-	0	-	0	-	0	-	0	-	0	Night Work
703	6104	TW1226	宮粉羊蹄甲	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	11-Nov-10	0	-	0	-	0	-	0	-	0	-	0	Night Work
704	6104	TW1227	宮粉羊蹄甲	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	11-Nov-10	0	-	0	-	0	-	0	-	0	-	0	Night Work
705	6104	TW1228	木棉	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	11-Nov-10	0	-	0	-	0	-	0	-	0	-	0	Night Work
706	6104	TW1229	宮粉羊蹄甲	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	11-Nov-10	0	-	0	-	0	-	0	-	0	-	0	Night Work
707	6104	TW1230	石栗	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	11-Nov-10	0	-	0	-	0	-	0	-	0	-	0	Night Work
708	6104	TW1231	黃槿	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	05-Nov-10	0	-	0	-	0	-	0	-	0	-	0	
709	6104	TW1232	石栗	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	11-Nov-10	0	-	0	-	0	-	0	-	0	-	0	Night Work
710	6104	TW1233	石栗	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	11-Nov-10	0	-	0	-	0	-	0	-	0	-	0	Night Work
711	6104	TW1234	黃槿	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	21-Oct-10	0	-	0	-	0	-	0	-	0	-	0	
712	6104	TW1235	木棉	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	11-Nov-10	0	-	0	-	0	-	0	-	0	-	0	Night Work


713	6104	TW1236	石栗	Tsing Hoi Circuit near Tsing Wu Square	Fell	Fell	11-Nov-10	0	-	0	-	0	-	0	-	0	Night Work
714	6104	TW1237	大葉合歡	Tuen Hing Road to TMR near Tsing Hoi Playground	Transplant	Transplant	N/A	0	09-Aug-10	0	15-Dec-10	0	14-Feb-11	0	22-Feb-11	0	Night Work
715	6104	TW1238	大葉合歡	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	Fell	10-Aug-10	0	-	0	-	0	-	0	-	0	
716	6104	TW1239	石栗	Tuen Hing Road to TMR near Tsing Hoi Playground	Transplant	Transplant	N/A	0	09-Aug-10	0	15-Dec-10	0	15-Feb-11	0	26-Feb-11	0	Transplanted
717	6104	TW1240	石栗	Tuen Hing Road to TMR near Tsing Hoi Playground	Transplant	Transplant	N/A	0	09-Aug-10	0	15-Dec-10	0	14-Feb-11	0	24-Feb-11	0	Transplanted
718	6104	TW1241	石栗	Tuen Hing Road to TMR near Tsing Hoi Playground	Transplant	Transplant	N/A	0	09-Aug-10	0	15-Dec-10	0	15-Jan-11	0	08-Mar-11	0	Transplanted
719	6104	TW1242	石栗	Tuen Hing Road to TMR near Tsing Hoi Playground	Transplant	Transplant	N/A	0	09-Aug-10	0	15-Dec-10	0	15-Jan-11	0	08-Mar-11	0	Transplanted
720	6104	TW1243	石栗	Tuen Hing Road to TMR near Tsing Hoi Playground	Transplant	Transplant	N/A	0	09-Aug-10	0	15-Dec-10	0	14-Jan-11	0	09-Mar-11	0	Transplanted
721	6104	TW1244	石栗	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
722	6103	TW1245	石栗	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
723	6103	TW1248	石栗	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
724	6103	TW1249	石栗	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
725	6103	TW1250	石栗	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
726	6103	TW1251	石栗	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
727	6103	TW1257	宮粉羊蹄甲	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
728	6103	TW1258	-	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	-	-	0	-	0	-	0	-	0	-	0	Missing
729	6103	TW1259	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	23-Dec-11	0	-	0	-	0	-	0	-	0	certified dead
730	6103	TW1260	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
731	6103	TW1261	大葉合歡	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
732	6103	TW1262	大葉合歡	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
733	6103	TW1263	大葉合歡	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
734	6103	TW1264	大葉合歡	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
735	6103	TW1265	大葉合歡	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	23-Dec-11	0	-	0	-	0	-	0	-	0	certified dead
736	6103	TW1266	大葉合歡	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	Fell	25-Aug-10	0	-	0	-	0	-	0	-	0	
737	6103	TW1267	-	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	-	Done	0	-	0	-	0	-	0	-	0	Missing
738	6103	TW1268	-	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	-	24-Nov-10	0	-	0	-	0	-	0	-	0	Night Work
739	6103	TW1269	-	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	-	Done	0	-	0	-	0	-	0	-	0	Missing
740	6103	TW1270	大葉合歡	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	Fell	25-Aug-10	0	-	0	-	0	-	0	-	0	
741	6103	TW1271	大葉合歡	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	Fell	23-Aug-10	0	-	0	-	0	-	0	-	0	
742	6103	TW1272	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	Fell	23-Aug-10	0	-	0	-	0	-	0	-	0	
743	6103	TW1273	大葉合歡	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	Fell	19-Aug-10	0	-	0	-	0	-	0	-	0	
744	6103	TW1274	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	Fell	23-Aug-10	0	-	0	-	0	-	0	-	0	
745	6103	TW1275	大葉合歡	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	Fell	25-Aug-10	0	-	0	-	0	-	0	-	0	
746	6103	TW1276	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	Fell	19-Aug-10	0	-	0	-	0	-	0	-	0	
747	6103	TW1277	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	Fell	19-Aug-10	0	-	0	-	0	-	0	-	0	
748	6103	TW1278	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	Fell	19-Aug-10	0	-	0	-	0	-	0	-	0	
749	6103	TW1279	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	Fell	12-Nov-10	0	-	0	-	0	-	0	-	0	Night Work
750	6103	TW1280	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	Fell	25-Aug-10	0	-	0	-	0	-	0	-	0	
751	6103	TW1281	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	Fell	12-Nov-10	0	-	0	-	0	-	0	-	0	Night Work
752	6103	TW1282	-	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	-	Done	0	-	0	-	0	-	0	-	0	Missing
753	6103	TW1283	-	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	-	Done	0	-	0	-	0	-	0	-	0	Missing
754	6103	TW1284	-	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	-	Done	0	-	0	-	0	-	0	-	0	Missing
755	6103	TW1285	朴樹	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	Fell	25-Aug-10	0	-	0	-	0	-	0	-	0	
756	6103	TW1286	-	Tuen Hing Road to TMR near Tsing Hoi Playground	Remove	-	23-Aug-10	0	-	0	-	0	-	0	-	0	
757	6103	TW1287	-	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	-	Done	0	-	0	-	0	-	0	-	0	Missing
758	6103	TW1288	-	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	-	Done	0	-	0	-	0	-	0	-	0	Missing
759	6103	TW1289	-	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	-	Done	0	-	0	-	0	-	0	-	0	Missing
760	6103	TW1290	-	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	-	Done	0	-	0	-	0	-	0	-	0	Missing
761	6103	TW1291	-	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	-	Done	0	-	0	-	0	-	0	-	0	Missing
762	6103	TW1292	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	Fell	24-Nov-10	0	-	0	-	0	-	0	-	0	Night Work
763	6103	TW1293	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	Fell	24-Nov-10	0	-	0	-	0	-	0	-	0	Night Work
764	6103	TW1294	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	Fell	24-Nov-10	0	-	0	-	0	-	0	-	0	Night Work
765	6103	TW1295	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Fell	Fell	24-Nov-10	0	-	0	-	0	-	0	-	0	Night Work
766	6103	TW1296	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
767	6103	TW1297	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
768	6103	TW1298	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
769	6103	TW1299	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
770	6103	TW1300	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
771	6103	TW1301	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
772	6103	TW1302	台灣相思	Tuen Hing Road to TMR near Tsing Hoi Playground	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
773	6104	TW1303	宮粉羊蹄甲	Tsing Wu Square Footpath	Transplant	Transplant	N/A	0	28-Aug-10	0	28-Aug-10	0	30-Sep-10	0	30-Sep-10	0	Transplanted


774	6104	TW1304	洋紫荆	Tsing Wu Square Footpath	Transplant	Transplant	N/A	0	28-Aug-10	0	11-Sep-10	0	30-Sep-10	0	30-Sep-10	0	Transplanted
775	6104	TW1305	宮粉羊蹄甲	Tsing Wu Square Footpath	Transplant	Transplant	N/A	0	28-Aug-10	0	28-Aug-10	0	30-Sep-10	0	30-Sep-10	0	Transplanted
776	6104	TW1306	宮粉羊蹄甲	Tsing Wu Square Footpath	Transplant	Transplant	N/A	0	25-Aug-10	0	28-Aug-10	0	02-Oct-10	0	02-Oct-10	0	Transplanted
777	6104	TW1307	宮粉羊蹄甲	Tsing Wu Square Footpath	Transplant	Transplant	N/A	0	25-Aug-10	0	28-Aug-10	0	02-Oct-10	0	02-Oct-10	0	Transplanted
778	6104	TW1308	宮粉羊蹄甲	Tsing Wu Square Footpath	Transplant	Transplant	N/A	0	28-Aug-10	0	28-Aug-10	0	02-Oct-10	0	02-Oct-10	0	Transplanted
779	6107	TW1309	白千層	Castle Peak Road J/O Tuen Hing Road	Transplant	Transplant	N/A	0	22-Nov-10	0	28-Dec-10	0	28-Sep-11	0	28-Sep-11	0	Transplanted
780	6107	TW1310	白千層	Castle Peak Road J/O Tuen Hing Road	Transplant	Transplant	N/A	0	22-Nov-10	0	23-Dec-10	0	30-Sep-11	0	30-Sep-11	0	Transplanted
781	6107	TW1311	白千層	Castle Peak Road J/O Tuen Hing Road	Transplant	Transplant	N/A	0	22-Nov-10	0	28-Dec-10	0	27-Sep-11	0	27-Sep-11	0	Transplanted
782	6107	TW1312	白千層	Castle Peak Road J/O Tuen Hing Road	Transplant	Transplant	N/A	0	22-Nov-10	0	28-Dec-10	0	26-Sep-11	0	26-Sep-11	0	Transplanted
783	6107	TW1313	朴樹	Castle Peak Road J/O Tuen Hing Road	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
784	6107	TW1315	朴樹	Castle Peak Road J/O Tuen Hing Road	Transplant	Retain	20-Jan-12	0	-	0	-	0	-	0	-	0	removed; certified dead
785	6107	TW1316	檸檬桉	Castle Peak Road J/O Tuen Hing Road	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
786	6107	TW1340	鳳凰木	Castle Peak Road J/O Tuen Hing Road	Retain	Retain	-	0	-	0	-	0	-	0	-	0	Free Pruning on 30/5
787	6107	TW1341	鳳凰木	Castle Peak Road J/O Tuen Hing Road	Retain	Retain	-	0	-	0	-	0	-	0	-	0	Free Pruning on 30/5
788	6103	TW1369	白千層	Tuen Fat Road to Tuen Mun Road near Tuen Lee Street	Transplant	Transplant	N/A	0	30-Nov-10	0	30-Nov-10	0	05-Jan-11	0	26-Feb-11	0	Night Work
789	6103	TW1370	白千層	Tuen Fat Road to Tuen Mun Road near Tuen Lee Street	Transplant	Transplant	N/A	0	30-Nov-10	0	30-Nov-10	0	05-Jan-11	0	26-Feb-11	0	Night Work
790	6103	TW1371	台灣相思	Tuen Fat Road to Tuen Mun Road near Tuen Lee Street	Fell	Fell	27-Aug-10	0	-	0	-	0	-	0	-	0	
791	6103	TW1372	台灣相思	Tuen Fat Road to Tuen Mun Road near Tuen Lee Street	Fell	Fell	01-Dec-10	0	-	0	-	0	-	0	-	0	
792	6103	TW1373	宮粉羊蹄甲	Tuen Fat Road to Tuen Mun Road near Tuen Lee Street	Transplant	Transplant	N/A	0	01-Dec-10	0	02-Dec-10	0	05-Jan-11	0	26-Feb-11	0	Night Work
793	6103	TW1374	台灣相思	Tuen Fat Road to Tuen Mun Road near Tuen Lee Street	Fell	Fell	27-Aug-10	0	-	0	-	0	-	0	-	0	
794	6103	TW1381	白千層	Tuen Fat Road to Tuen Mun Road near Tuen Lee Street	Transplant	Transplant	N/A	0	30-Nov-10	0	30-Nov-10	0	31-Dec-10	0	01-Mar-11	0	Night Work
795	6103	TW1382	白千層	Tuen Fat Road to Tuen Mun Road near Tuen Lee Street	Transplant	Transplant	N/A	0	30-Nov-10	0	30-Nov-10	0	31-Dec-10	0	01-Mar-11	0	Night Work
796	6103	TW1383	白千層	Tuen Fat Road to Tuen Mun Road near Tuen Lee Street	Transplant	Transplant	N/A	0	01-Dec-10	0	01-Dec-10	0	31-Dec-10	0	03-Mar-11	0	Night Work
797	6103	TW1384	白千層	Tuen Fat Road to Tuen Mun Road near Tuen Lee Street	Transplant	Transplant	N/A	0	01-Dec-10	0	01-Dec-10	0	31-Dec-10	0	02-Mar-11	0	Night Work
798	6103	TW1385	白千層	Tuen Fat Road to Tuen Mun Road near Tuen Lee Street	Transplant	Transplant	N/A	0	01-Dec-10	0	01-Dec-10	0	31-Dec-10	0	02-Mar-11	0	Night Work
799	6103	TW1386	白千層	Tuen Fat Road to Tuen Mun Road near Tuen Lee Street	Transplant	Transplant	N/A	0	01-Dec-10	0	02-Dec-10	0	31-Dec-10	0	03-Mar-11	0	Night Work
800	6103	TW1387	白千層	Tuen Fat Road to Tuen Mun Road near Tuen Lee Street	Transplant	Transplant	N/A	0	01-Dec-10	0	02-Dec-10	0	29-Dec-10	0	04-Mar-11	0	Night Work
801	6102	TW1414	石栗	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	0	18-Sep-10	0	25-Sep-10	0	23-Dec-10	0	01-May-11	0	Night Work
802	6102	TW1415	石栗	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	0	18-Sep-10	0	25-Sep-10	0	12-Feb-11	0	21-May-11	0	17-Dec-10
803	6102	TW1416	串錢柳	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	0	18-Sep-10	0	25-Sep-10	0	16-Dec-10	0	01-May-11	0	Night Work
804	6102	TW1417	串錢柳	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	0	18-Sep-10	0	25-Sep-10	0	17-Dec-10	0	01-May-11	0	Night Work
805	6102	TW1418	串錢柳	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	0	18-Sep-10	0	25-Sep-10	0	16-Dec-10	0	01-May-11	0	Night Work
806	6102	TW1419	石栗	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	0	17-Sep-10	0	27-Sep-10	0	23-Dec-10	0	19-May-11	0	
807	6102	TW1420	鳳凰木	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	0	13-Feb-11	0	15-Feb-11	0	09-Apr-11	0	20-May-11	0	Big tree crown
808	6102	TW1421	石栗	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	25-Sep-10	0	-	0	-	0	-	0	-	0	Night Work
809	6102	TW1422	串錢柳	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	0	18-Sep-10	0	28-Sep-10	0	04-Dec-10	0	04-Dec-10	0	Transplanted
810	6102	TW1423	串錢柳	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	18-Sep-10	0	-	0	-	0	-	0	-	0	
811	6101	TW1425	石栗	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	0	14-Dec-10	0	17-Dec-10	0	19-Jan-11	0	21-May-11	0	
812	6101	TW1426	石栗	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	0	18-Sep-10	0	17-Dec-10	0	19-Jan-11	0	14-Feb-11	0	27/9 First Root
813	6101	TW1427	石栗	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	0	14-Dec-10	0	17-Dec-10	0	19-Jan-11	0	14-Feb-11	0	Transplanted
814	6101	TW1428	鳳凰木	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	0	14-Dec-10	0	16-Dec-10	0	19-Jan-11	0	12-Feb-11	0	Transplanted
815	6101	TW1429	藍花楸	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	0	18-Sep-10	0	27-Sep-10	0	04-Dec-10	0	04-Dec-10	0	Transplanted
816	6101	TW1430	串錢柳	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	0	18-Sep-10	0	27-Sep-10	0	03-Dec-10	0	03-Dec-10	0	Transplanted
817	6101	TW1431	串錢柳	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	0	18-Sep-10	0	27-Sep-10	0	03-Dec-10	0	03-Dec-10	0	Transplanted
818	6101	TW1432	大葉桉	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	25-Sep-10	0	-	0	-	0	-	0	-	0	Night Work
819	6101	TW1433	大葉合歡	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	25-Sep-10	0	-	0	-	0	-	0	-	0	Night Work
820	6101	TW1434	石栗	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	0	18-Sep-10	0	28-Sep-10	0	17-Dec-10	0	11-Feb-11	0	Transplanted
821	6101	TW1435	大葉桉	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	25-Sep-10	0	-	0	-	0	-	0	-	0	Night Work
822	6101	TW1436	大葉桉	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	28-Sep-10	0	-	0	-	0	-	0	-	0	Night Work
823	6101	TW1437	大葉桉	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	28-Sep-10	0	-	0	-	0	-	0	-	0	Night Work
824	6101	TW1438	大葉桉	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	28-Sep-10	0	-	0	-	0	-	0	-	0	Night Work
825	6101	TW1439	-	Tuen Mun Road B Bound Slip Road to Pui To Road	Remove	-	-	0	-	0	-	0	-	0	-	0	
826	6101	TW1440	血桐	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	0	17-Sep-10	0	27-Sep-10	0	23-Dec-10	0	14-Feb-11	0	Transplanted
827	6101	TW1441	大葉合歡	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	0	17-Sep-10	0	27-Sep-10	0	16-Dec-10	0	18-Jan-11	0	Transplanted
828	6101	TW1442	石栗	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	0	14-Dec-10	0	16-Dec-10	0	20-Jan-11	0	12-Feb-11	0	Transplanted
829	6101	TW1443	蒲葵	Tuen Mun Road B Bound Slip Road to Pui To Road	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
830	6101	TW1444	石栗	Tuen Mun Road B Bound Slip Road to Pui To Road	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
831	6101	TW1445	假檳榔	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	0	17-Sep-10	0	25-Sep-10	0	16-Dec-10	0	19-Feb-11	0	Transplanted
832	6101	TW1446	假檳榔	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	0	17-Sep-10	0	25-Sep-10	0	16-Dec-10	0	19-Feb-11	0	Transplanted
833	6101	TW1447	假檳榔	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	0	17-Sep-10	0	24-Sep-10	0	16-Dec-10	0	19-Feb-11	0	Transplanted
834	6101	TW1448	假檳榔	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	19-Feb-11	0	17-Sep-10	0	25-Sep-10	0	16-Dec-10	0	-	0	Poor Health

835	6101	TW1449	大葉桉	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	25-Sep-10	0	-	0	-	0	-	0	-	0	Night Work
836	6101	TW1450	假檳榔	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	0	17-Sep-10	0	25-Sep-10	0	16-Dec-10	0	21-Feb-11	0	Transplanted
837	6101	TW1451	大葉桉	Tuen Mun Road B Bound Slip Road to Pui To Road	Fell	Fell	25-Sep-10	0	-	0	-	0	-	0	-	0	Night Work
838	6101	TW1452	假檳榔	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	N/A	0	17-Sep-10	0	25-Sep-10	0	16-Dec-10	0	21-Feb-11	0	Transplanted
839	6101	TW1453	假檳榔	Tuen Mun Road B Bound Slip Road to Pui To Road	Transplant	Transplant	06-Oct-10	0	-	0	-	0	-	0	-	0	Poor Health
840	6101	TW1456	-	Tuen Mun Road B Bound Slip Road to Pui To Road	Remove	-	-	0	-	0	-	0	-	0	-	0	
841	6101	TW1457	大葉桉	Yan Oi Tong Circuit Car Park	Fell	Fell	16-Nov-10	0	-	0	-	0	-	0	-	0	
842	6101	TW1458	大葉桉	Yan Oi Tong Circuit Car Park	Fell	Fell	16-Nov-10	0	-	0	-	0	-	0	-	0	
843	6101	TW1459	-	Yan Oi Tong Circuit Car Park	Fell	-	16-Nov-10	0	-	0	-	0	-	0	-	0	
844	6101	TW1460	石栗	Yan Oi Tong Circuit Car Park	Fell	Fell	16-Nov-10	0	-	0	-	0	-	0	-	0	
845	6101	TW1461	石栗	Yan Oi Tong Circuit Car Park	Fell	Fell	16-Nov-10	0	-	0	-	0	-	0	-	0	
846	6101	TW1462	石栗	Yan Oi Tong Circuit Car Park	Fell	Fell	16-Nov-10	0	-	0	-	0	-	0	-	0	by other
847	6101	TW1466	白千層	Centre Median near San Tsing Street	Fell	Fell	05-Oct-10	0	-	0	-	0	-	0	-	0	
848	6101	TW1467	白千層	Centre Median near San Tsing Street	Fell	Fell	05-Oct-10	0	-	0	-	0	-	0	-	0	
849	6101	TW1468	白千層	Centre Median near San Tsing Street	Fell	Fell	05-Oct-10	0	-	0	-	0	-	0	-	0	
850	6101	TW1469	白千層	Centre Median near San Tsing Street	Fell	Fell	05-Oct-10	0	-	0	-	0	-	0	-	0	
851	6101	TW1470	白千層	Centre Median near San Tsing Street	Fell	Fell	05-Oct-10	0	-	0	-	0	-	0	-	0	
852	6101	TW1471	白千層	Centre Median near San Tsing Street	Fell	Fell	05-Oct-10	0	-	0	-	0	-	0	-	0	
853	6101	TW1472	白千層	Centre Median near San Tsing Street	Fell	Fell	05-Oct-10	0	-	0	-	0	-	0	-	0	
854	6101	TW1473	白千層	Centre Median near San Tsing Street	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
855	6101	TW1474	白千層	San Tsing Street Car Park	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
856	6101	TW1475	白千層	San Tsing Street Car Park	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
857	6101	TW1476	白千層	San Tsing Street Car Park	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
858	6101	TW1477	白千層	San Tsing Street Car Park	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
859	6101	TW1478	白千層	San Tsing Street Car Park	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
860	6101	TW1479	白千層	San Tsing Street Car Park	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
861	6101	TW1480	黃花夾竹桃	San Tsing Street Car Park	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
862	6101	TW1481	黃花夾竹桃	San Tsing Street Car Park	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
863	6101	TW1482	黃花夾竹桃	San Tsing Street Car Park	Retain	Retain	-	0	-	0	-	0	-	0	-	0	
864	6108	TW1526	檸檬桉	Castle Peak Road J/O Fu Fat Lane	Fell	Fell	21-Nov-11	0	-	0	-	0	-	0	-	0	
865	6108	TW1527	檸檬桉	Castle Peak Road J/O Fu Fat Lane	Fell	Fell	21-Nov-11	0	-	0	-	0	-	0	-	0	
866	6108	TW1528	檸檬桉	Castle Peak Road J/O Fu Fat Lane	Fell	Fell	22-Nov-11	0	-	0	-	0	-	0	-	0	
867	6108	TW1529	白千層	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	0	14-Jun-11	0	Not Yet	1	Not Yet	1	19-Mar-12	0	
868	6108	TW1530	白千層	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	0	14-Jun-11	0	19-Aug-11	0	Not Yet	1	23-Mar-12	0	
869	6108	TW1531	白千層	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	0	14-Jun-11	0	Not Yet	1	Not Yet	1	26-Mar-12	0	
870	6108	TW1532	白千層	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	0	14-Jun-11	0	Not Yet	1	Not Yet	1	27-Mar-12	0	
871	6108	TW1533	白千層	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	0	14-Jun-11	0	Not Yet	1	Not Yet	1	28-Mar-12	0	
872	6108	TW1534	檸檬桉	Castle Peak Road J/O Fu Fat Lane	Fell	Fell	22-Nov-11	0	-	0	-	0	-	0	-	0	
873	6108	TW1535	石栗	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	0	13-Jun-11	0	Not Yet	1	Not Yet	1	25-Apr-12	0	
874	6108	TW1536	白千層	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	0	13-Jun-11	0	Not Yet	1	Not Yet	1	Not Yet	1	
875	6108	TW1537	木棉	Castle Peak Road J/O Fu Fat Lane	Transplant	Transplant	N/A	0	13-Jun-11	0	Not Yet	1	Not Yet	1	Not Yet	1	
876	6108	TW1538	洋紫荊	Castle Peak Road near Fu Fat Lane Footpath	Transplant	Transplant	N/A	0	19-Nov-10	0	08-Jul-11	0	08-Jul-11	0	08-Jul-11	0	Transplanted
877	6108	TW1539	宮粉羊蹄甲	Castle Peak Road near Fu Fat Lane Footpath	Transplant	Transplant	N/A	0	19-Nov-10	0	08-Jul-11	0	08-Jul-11	0	08-Jul-11	0	Transplanted
878	6108	TW1540	宮粉羊蹄甲	Castle Peak Road near Fu Fat Lane Footpath	Transplant	Transplant	N/A	0	19-Nov-10	0	07-Jul-11	0	07-Jul-11	0	07-Jul-11	0	Transplanted
879	6108	TW1541	洋紫荊	Castle Peak Road near Fu Fat Lane Footpath	Transplant	Transplant	N/A	0	19-Nov-10	0	02-Apr-11	0	12-May-11	0	06-Jul-11	0	Transplanted
880	6108	TW1542	洋紫荊	Castle Peak Road near Fu Fat Lane Footpath	Transplant	Transplant	N/A	0	19-Nov-10	0	02-Apr-11	0	12-May-11	0	07-Jul-11	0	Transplanted
881	6108	TW1543	宮粉羊蹄甲	Castle Peak Road near Fu Fat Lane Footpath	Transplant	Transplant	N/A	0	19-Nov-10	0	01-Apr-11	0	12-May-11	0	05-Jul-11	0	Transplanted
882	6108	TW1544	宮粉羊蹄甲	Castle Peak Road near Fu Fat Lane Footpath	Transplant	Transplant	N/A	0	19-Nov-10	0	01-Apr-11	0	12-May-11	0	05-Jul-11	0	Transplanted
883	6108	TW1545	洋紫荊	Castle Peak Road near Fu Fat Lane Footpath	Transplant	Transplant	N/A	0	19-Nov-10	0	02-Apr-11	0	12-May-11	0	05-Jul-11	0	Transplanted
884	6108	TW1546	宮粉羊蹄甲	Castle Peak Road near Fu Fat Lane Footpath	Transplant	Transplant	N/A	0	19-Nov-10	0	01-Apr-11	0	12-May-11	0	05-Jul-11	0	Transplanted
885	6108	TW1547	宮粉羊蹄甲	Castle Peak Road near Fu Fat Lane Footpath	Transplant	Transplant	N/A	0	19-Nov-10	0	01-Apr-11	0	12-May-11	0	04-Jul-11	0	Transplanted
886	6108	TW1548	白千層	Castle Peak Road near Fu Fat Lane Footpath	Fell	Fell	29-Jul-11	0	-	0	-	0	-	0	-	0	
887	6108	TW1549	木麻黃	Castle Peak Road near Fu Fat Lane Footpath	Fell	Fell	29-Jul-11	0	-	0	-	0	-	0	-	0	
888	6108	TW1550	木麻黃	Castle Peak Road near Fu Fat Lane Footpath	Fell	Fell	29-Jul-11	0	-	0	-	0	-	0	-	0	
889	6108	TW1551	木麻黃	Castle Peak Road near Fu Fat Lane Footpath	Fell	Fell	29-Jul-11	0	-	0	-	0	-	0	-	0	
890	6108	TW1552	木麻黃	Castle Peak Road near Fu Fat Lane Footpath	Fell	Fell	29-Jul-11	0	-	0	-	0	-	0	-	0	
891	6105	TW1553	串錢柳	Tsing Sin Playground	Transplant	Transplant	N/A	0	17-Aug-10	0	17-Aug-10	0	21-Sep-10	0	21-Sep-10	0	Transplanted
892	6105	TW1554	串錢柳	Tsing Sin Playground	Transplant	Transplant	N/A	0	17-Aug-10	0	17-Aug-10	0	21-Sep-10	0	21-Sep-10	0	Transplanted
893	6105	TW1555	串錢柳	Tsing Sin Playground	Transplant	Transplant	N/A	0	18-Aug-10	0	18-Aug-10	0	21-Sep-10	0	21-Sep-10	0	Transplanted
894	6105	TW1556	串錢柳	Tsing Sin Playground	Transplant	Transplant	N/A	0	18-Aug-10	0	18-Aug-10	0	20-Sep-10	0	20-Sep-10	0	Transplanted
895	6105	TW1557	串錢柳	Tsing Sin Playground	Transplant	Transplant	N/A	0	18-Aug-10	0	18-Aug-10	0	20-Sep-10	0	20-Sep-10	0	Transplanted

1019	6103	TWA39	宮粉羊蹄甲	Tuen Mun Road Slip Road to Tuen Hing Road	Fell	-	13-Mar-11	0	-	0	-	0	-	0	-	0	Night Work
1020	6103	TWA40	宮粉羊蹄甲	Tuen Mun Road Slip Road to Tuen Hing Road	Fell	-	13-Mar-11	0	-	0	-	0	-	0	-	0	Night Work
1021	6103	TWA41	宮粉羊蹄甲	Tuen Mun Road Slip Road to Tuen Hing Road	Fell	-	13-Mar-11	0	-	0	-	0	-	0	-	0	Night Work
1022	SK/880	TWB1	洋紫荆	Castle Peak Road under Sam Shing Hui Bridge	Transplant	Transplant	N/A	0	27-Aug-11	0	27-Aug-11	0	20-Sep-11	0	20-Sep-11	0	
1023	SK/880	TWB2	黃槐	Castle Peak Road under Sam Shing Hui Bridge	Transplant	Transplant	N/A	0	27-Aug-11	0	27-Aug-11	0	19-Sep-11	0	19-Sep-11	0	
1024	SK/880	TWB3	白千層	Castle Peak Road under Sam Shing Hui Bridge	Transplant	Transplant	N/A	0	27-Aug-11	0	27-Aug-11	0	20-Sep-11	0	20-Sep-11	0	
1025	SK/880	TWB4	洋紫荆	Castle Peak Road under Sam Shing Hui Bridge	Transplant	Transplant	N/A	0	27-Aug-11	0	27-Aug-11	0	19-Sep-11	0	19-Sep-11	0	
1026	SK/880	TWB5	黃槐	Castle Peak Road under Sam Shing Hui Bridge	Transplant	Transplant	N/A	0	27-Aug-11	0	27-Aug-11	0	19-Sep-11	0	19-Sep-11	0	
1027	SK/880	TWB6	白千層	Castle Peak Road under Sam Shing Hui Bridge	Transplant	Transplant	N/A	0	27-Aug-11	0	27-Aug-11	0	22-Sep-11	0	22-Sep-11	0	
1028	SK/880	TWB7	洋紫荆	Castle Peak Road under Sam Shing Hui Bridge	Transplant	Transplant	N/A	0	27-Aug-11	0	29-Aug-11	0	19-Sep-11	0	19-Sep-11	0	
1029	SK/880	TWB8	白千層	Castle Peak Road under Sam Shing Hui Bridge	Transplant	Transplant	N/A	0	27-Aug-11	0	29-Aug-11	0	22-Sep-11	0	22-Sep-11	0	
1030	SK/880	TWB9	洋紫荆	Castle Peak Road under Sam Shing Hui Bridge	Transplant	Transplant	N/A	0	27-Aug-11	0	29-Aug-11	0	21-Sep-11	0	21-Sep-11	0	
1031	SK/880	TWB10	洋紫荆	Castle Peak Road under Sam Shing Hui Bridge	Transplant	Transplant	N/A	0	27-Aug-11	0	29-Aug-11	0	20-Sep-11	0	20-Sep-11	0	

 24 nos. of New trees under UPTRA No.1 & Revised the proposed treatment

 26 nos. of big crown trees

 29 nos. of trees in poor health (Application No.2)

Appendix J

**Monthly Summary
Waste Flow Table**



Monthly Summary of Waste Flow Table for 2012 (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	Reused in the Contract	Reused in other Projects	Disposed as Public Fill	Metals	Paper/ cardboard packaging	Plastics	Chemical Waste	Others, e.g. general refuse
		(see Note 1)						(see Note 2)		
	(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	3.461250	Nil	Nil	Nil	3.461250	Nil	Nil	Nil	Nil	0.087750
Feb	4.314375	Nil	Nil	Nil	4.314375	5.86600	0.23500	Nil	Nil	0.107250
Mar	5.060250	Nil	0.209625	0.141375	4.709250	0.07015	Nil	Nil	Nil	0.136500
Apr	3.612375	Nil	Nil	Nil	3.612375	0.66500	Nil	Nil	Nil	0.082875
May										
Jun										
Jul										
Aug										
Sept										
Oct										
Nov										
Dec										
Total	16.448250	Nil	0.209625	0.141375	16.097250	6.60115	0.23500	Nil	Nil	0.414375

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 K

**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 - May 2012 Revision 1**

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