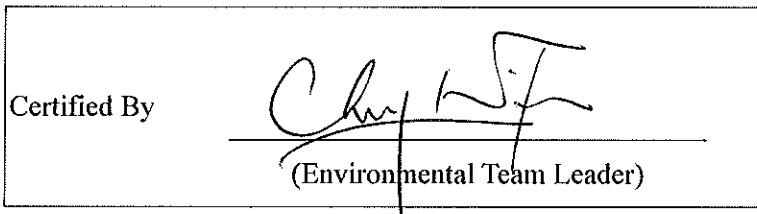


**Paul Y. Construction Co., LTD.**

**Contract No. DC/2008/09  
Harbour Area Treatment Scheme  
Stage 2A – Construction of Sewage  
Conveyance System  
from Ap Lei Chau to Aberdeen**

**Baseline Environmental Monitoring Report  
(Version 1.0)**



**REMARKS:**

The information supplied and contained within this report is, to the best of our knowledge, correct at the time of printing.

CINOTECH accepts no responsibility for changes made to this report by third parties

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## EXECUTIVE SUMMARY

1. This Baseline Environmental Monitoring Report was prepared by Cinotech Consultants Ltd. for the Project “Harbour Area Treatment Scheme Stage 2A – Construction of Sewage Conveyance System from Ap Lei Chau to Aberdeen”. This report presents the baseline monitoring works performed for noise at M9 (Ap Lei Chau PTW) for the Project between 6<sup>th</sup> January 2010 and 19<sup>th</sup> January 2010.

### Noise (Ap Lei Chau PTW)

2. The baseline noise monitoring was conducted at one monitoring station (M9 - Ap Lei Chau PTW) between 6<sup>th</sup> January 2010 and 19<sup>th</sup> January 2010.
3. Noise levels at the monitoring station were measured for a period of 14 consecutive days. Monitoring Data collected was reviewed and analyzed. Details of the locations and results are presented in this report. The baseline noise monitoring data was processed according to the following periods:
  - Daytime: 0700-1900 hrs on normal weekdays
  - Evening-time: 1900-2300 hrs
  - Holiday-time: 0700-1900 hrs on holidays
  - Night-time: 2300-0700 hrs of next day

### Air Quality and Noise (Aberdeen PTW)

4. Since Leighton Asia in joint venture with Leonhard Nilsen & Sonner AS (LNS) has been awarded contract for the construction of a sewage conveyance system from Aberdeen to Sai Ying Pun on Hong Kong Island, the air quality monitoring station at Dairy Farm Ice and Cold Storage (CM\_AB1) and noise monitoring station at Wah Lai House, Wah Kwai Estate (M8) have been set up by ATKINS (ET of Contract Nos. DC/2007/24) to monitor the air quality and noise in the vicinity of the sensitive receivers. Please refer to baseline environmental monitoring report for Contract No. DC/2007/24 for details on monitoring parameters, frequency and programme, monitoring equipment, monitoring methodology and QA/QC procedures.

## 1 INTRODUCTION

### Background

- 1.1 Paul Y. Construction Company, Limited (the Contractor) was commissioned by Drainage Services Department (DSD) to undertake the construction of “Harbour Area Treatment Scheme Stage 2A – Construction of Sewage Conveyance System from Ap Lei Chau to Aberdeen” (hereinafter called the “the Project”) under Contract No. DC/2008/09. The Contractor was further commissioned by DSD to appoint a Monitoring Team and carry out the baseline monitoring for the Project.
- 1.2 The sewage conveyance system (SCS) comprises a network of interconnected sewage tunnels and vertical shafts. The vertical shaft collect sewage from the preliminary treatment works in North Point, Wan Chai East, Central, Sandy Bay, Cyberport, Wah Fu, Aberdeen and Ap Lei Chau. The preliminary treatment works handle the sewage collected from the catchment areas which comes from around 70% of the population of Hong Kong Island. The collected sewage if conveyed to the Stonecutters Island Sewage Treatment Works via a total of 21km of deep tunnels with depths in general varying from 70m to 160m below sea level.
- 1.3 In the Project, SCS connecting Aberdeen and Ap Lei Chau will be constructed using twin pipes of 1.3km long with 600mm in diameter. The depth of the pipes will be over 80m depth from sea level generally. Site layout plan of the Project is shown in **Figure 1**. The construction was commenced on 17 August 2009. The anticipated date of completion is August 2012.
- 1.4 An Environmental Permit (EP) No. EP-322/2008 was issued on 19 November 2008 for Harbour Area Treatment Scheme (HATS) Stage 2A to Drainage Services Department as the Permit Holder. Later, the further Environmental Permit (EP-322/2008/A) was issued in July 2009 for vary Figure 1d and 1e of the Environmental Permit No. EP 322/2008. The Environmental Permit was then amended for the construction and operation of the designated project. (EP-322/2008/B)
- 1.5 Cinotech Consultants Limited (Cinotech) was commissioned by the Contractor to undertake the Environmental Monitoring and Audit (EM&A) works for the project. This Baseline Environmental Monitoring Report is prepared by Cinotech for the Project prior to the commencement of construction activity in accordance with the EM&A Manual.

### Purpose of the Report

- 1.6 The purpose of the Baseline Monitoring Report (hereinafter called the “the Report”) is to set out baseline levels for the noise in accordance with the updated EM&A Manual. These baseline levels will be used as the basis for compliance check during the impact monitoring in construction stage of the Project. This Report presents the locations, equipment, period, methodology, results and observations for the noise monitoring during the baseline period.

### **Structure of the Baseline Monitoring Report**

- 1.7 The structure of the Report is summarized as follows:
- Section 1: Introduction, purpose, background and the structure of the report.
  - Section 2: Noise, which describes the baseline noise monitoring.
  - Section 3: Revisions for inclusion in the updated EM&A Manual
  - Section 4: Conclusion

## 2 NOISE

### **Monitoring Requirements**

- 2.1 Baseline noise monitoring was conducted daily for a period of at least two weeks at the monitoring station between 6<sup>th</sup> January 2010 and 19<sup>th</sup> January 2010. Logger function check and calibration was carried out according to manufacturer's recommendations. The equipment was checked and inspected not less than once every two days after the set up at each monitoring station.

### **Monitoring Locations**

- 2.2 **Table 2.1** gives the location of the monitoring station and is also shown in **Figure 2**.

**Table 2.1 Location of Noise Monitoring Station**

Construction Noise Monitoring Stations	Description	Location of Measurement
M9 (Ap Lei Chau PTW)	Mei Chun Court South Horizons	The Podium of Mei Chun Court, South Horizons

### **Monitoring Equipment**

- 2.3 Integrating Sound Level Meter was used for noise monitoring. The meter is a Type 1 sound level meter capable of giving a continuous readout of the noise level readings including equivalent continuous sound pressure level ( $L_{eq}$ ) and percentile sound pressure level ( $L_x$ ) and also complied with International Electrotechnical Commission Publications 651:1979 (Type 1) and 804:1985 (Type 1) specifications. **Table 2.2** summarizes the noise monitoring equipment being used. Copies of the calibration certificates for the sound level meter and calibrator are attached in **Appendix A5**.

**Table 2.2 Noise Monitoring Equipment**

Equipment	Model and Make	Quantity
Integrating Sound Level Meter	SVAN 955 from SVANTEK	1
Calibrator	SV30A from SVANTEK	1

*Note: Brüel & Kjaer (B&K) Integrating Sound Level Meters, of Type 2238 and calibrator of Type 4228 are in compliance with the International Electrotechnical Commission Publications 651:1979 (Type1) and 804:1985 (Type1) for sound level meter and 942:1988 Class 1L.*

### **Monitoring Parameters, Frequency and Duration**

- 2.4 In accordance with the updated EM&A Manual, baseline noise for the A-weighted levels  $L_{eq}$ ,  $L_{10}$  and  $L_{90}$  was recorded. Data obtained from the baseline noise monitoring was processed and presented according to the following periods:
- Daytime: 0700-1900 hrs on normal weekdays
  - Evening-time: 1900-2300 hrs
  - Holiday-time: 0700-1900 hrs on holidays
  - Night-time: 2300-0700 hrs of next day

2.5 The frequency and parameters of noise measurement are presented in **Table 2.3**.

**Table 2.3 Frequency and Parameters of Noise Monitoring**

Time Period	Duration, min	Parameter
Daytime on normal weekdays (0700-1900 hrs)	30 min	
Evening time on all days (1900-2300 hrs) and Holidays (including Sundays) during daytime and evening (0700-1900 hrs)	5 min (3 consecutive L <sub>eq</sub> (5min))	L <sub>eq</sub> , L <sub>10</sub> & L <sub>90</sub>
All days during the night-time (2300-0700 hrs)		

### **Monitoring Methodology and QA/QC Procedures**

2.6 **Table 2.4** summarizes the types of measurement undertaken in the monitoring station.

**Table 2.4 Type of Measurement**

Monitoring Station	Measurement
M9 (Ap Lei Chau PTW)	Façade measurement

### ***Field Monitoring***

2.7 The monitoring procedures are as follows:

- The microphone head of the head level meter was positioned 1m exterior of the noise sensitive facade and lowered sufficiently so that the building's external wall acts as a reflecting surface.
- The battery condition was checked to ensure good functioning of the meter.
- Parameters such as frequency weighting, the time weighting and the measurement time were set as follows:
  - frequency weighting : A
  - time weighting : Fast
  - measurement time : 5 minutes (L<sub>eq</sub> (30-min) would be determined for daytime noise by calculating the logarithmic average of six L<sub>eq</sub> (5min) data.)
- Prior to and after noise measurement, the meter was calibrated using the calibrator for 94.0 dB at 1000 Hz. If the difference in the calibration level before and after measurement is more than 1.0 dB, the measurement was considered invalid and repeat of noise measurement was required after re-calibration or repair of the equipment.
- The wind speed at the monitoring station was checked with the portable wind meter.
- Noise monitoring was carried out continuously for 24 hours during the 14 days baseline monitoring period. Monitoring data was recorded and stored automatically

within the sound level meter system. At the end of the monitoring period, noise levels in term of  $L_{eq}$ ,  $L_{90}$  and  $L_{10}$  were recorded. In addition, site conditions and noise sources were recorded when the equipment were checked and inspected every two days.

- All the monitoring data within the sound level meter system was downloaded through the computer software, and all these data was checked and reviewed within the computer.

### ***Maintenance and Calibration***

2.8 Maintenance and Calibration procedures were as follows:

- The microphone head of the sound level meter and calibrator were cleaned with a soft cloth at quarterly intervals.
- The sound level meter and calibrator were checked and calibrated at yearly intervals.
- Immediately prior to and following each noise measurement the accuracy of the sound level meter shall be checked using an acoustic calibrator generating a known sound pressure level at a known frequency. Measurements may be accepted as valid only if the calibration levels from before and after the noise measurement agree to within 1.0 dB.

## **Results and Observations**

### ***Results***

2.9 Baseline noise monitoring was conducted at the designated station in the period between 6<sup>th</sup> January 2010 and 19<sup>th</sup> January 2010. The monitoring schedule is shown in **Appendix B**.

2.10 The baseline noise monitoring results are summarized in **Table 2.5 to 2.7**. All baseline noise monitoring results are given in **Appendices A1 to A3**. Graphical presentations of the data are provided in **Appendix A4**.

**Table 2.5      Summary of Daytime Noise Monitoring Results (Normal Weekdays)**

Daytime 0700-1900 hrs on normal weekdays	Range of Noise Level, dB(A)								
	$L_{eq}$ (30 min)			$L_{10}$ (30 min)			$L_{90}$ (30 min)		
	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min
M9	56.5	66.9	43.7	59.0	70.4	46.0	52.0	62.6	40.7

**Table 2.6      Summary of Evening-Time & Daytime (Holidays) Noise Monitoring Results**

Evening-time 1900-2300 hrs on all days & Daytime 0700-2300 hrs on holidays	Range of Noise Level, dB(A)								
	$L_{eq}$ (5 min)			$L_{10}$ (5 min)			$L_{90}$ (5 min)		
	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min
M9	53.1	66.2	46.8	55.6	68.8	47.7	48.9	59.3	45.0

**Table 2.7 Summary of Night-Time Noise Monitoring Results**

Night-time 2300-0700 hrs of the next day	Range of Noise Level, dB(A)								
	L <sub>eq</sub> (5 min)			L <sub>10</sub> (5 min)			L <sub>90</sub> (5 min)		
	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min
M9	49.4	64.6	44.8	51.7	69.7	45.6	46.1	53.0	44.0

***Observations***

- 2.11 The weather was generally sunny and cloudy during the baseline monitoring periods. All monitoring was conducted with the wind speed below 5 m/s.
- 2.12 During the baseline noise monitoring period, the following observations were made which may affect the results:
- Noise source identified at the monitoring station (M9 - Ap Lei Chau PTW) was road traffic noise.

**Action and Limit Levels**

- 2.13 The Action and Limit Levels were established in accordance with the approved EM&A Manual. The baseline noise level shall be referenced during the compliance check in the impact noise monitoring period. **Table 2.8** presents the Action and Limit Levels for construction noise.

**Table 2.8 Action Limit Levels for Noise during Construction Period**

Time Period	Action Level	Limit Level
0700-1900 hrs on normal weekdays	When one documented complaint is received	75* dB(A)
0700-2300 hrs on holidays; and 1900-2300 hrs on all other days		60/65/70** dB(A)
2300-0700 hrs of next day		45/50/55** dB(A)

(\*) reduce to 70 dB(A) for schools and 65 dB(A) during school examination periods.

(\*\*) to be selected based on Area Sensitivity Rating.

### **3 REVISIONS FOR INCLUSION IN THE EM&A MANUAL**

- 3.1 The baseline noise monitoring was conducted according to the updated EM&A Manual.
- 3.2 The monitoring methodology, parameters monitored, and monitoring locations are all in line with the updated EM&A Manual.

### **4 COMMENTS AND CONCLUSIONS**

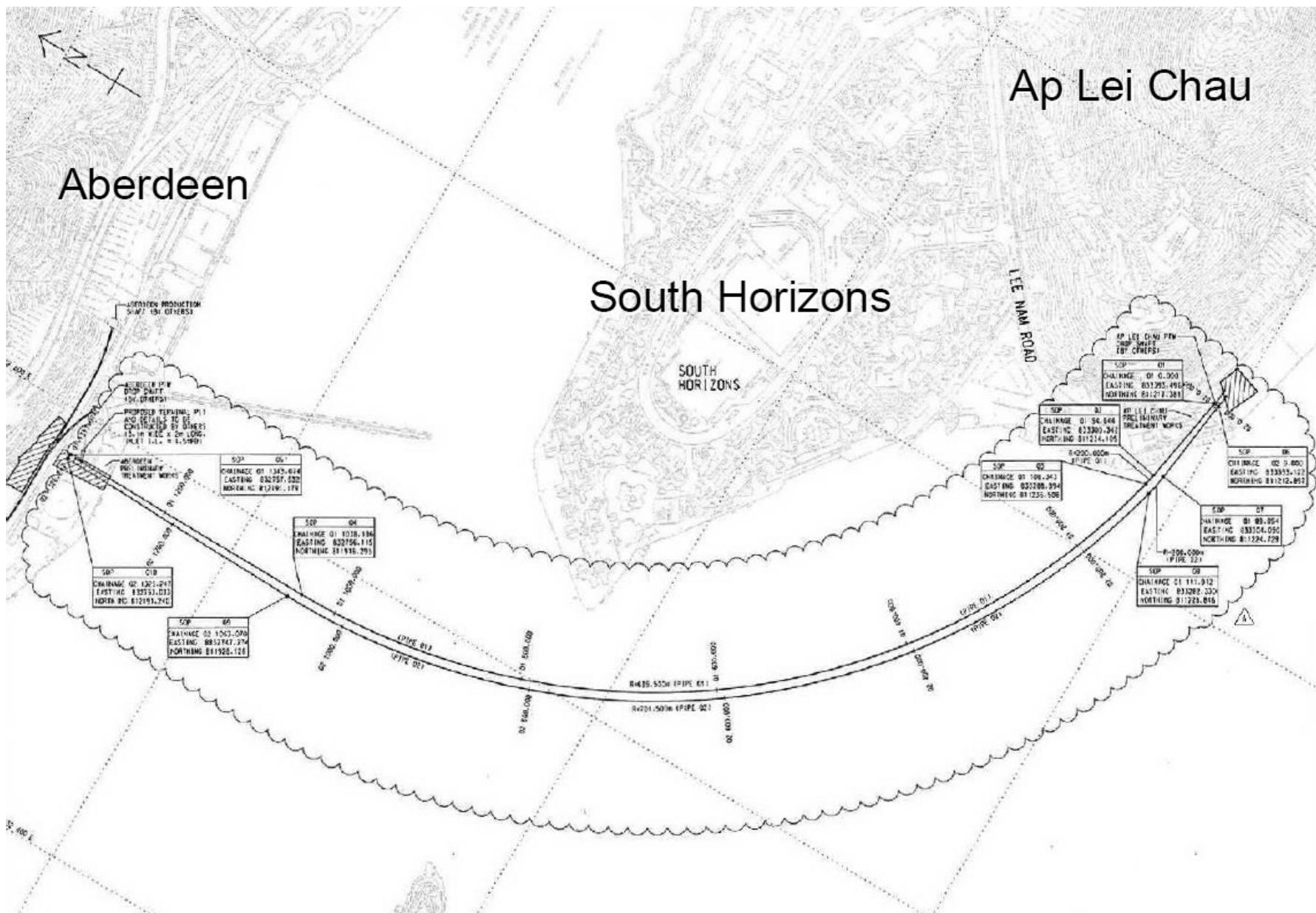
- 4.1 The baseline noise monitoring for monitoring station (M9 - Ap Lei Chau PTW) was conducted between 6<sup>th</sup> January 2010 and 19<sup>th</sup> January 2010. The monitoring results were used to establish the ambient noise levels at the sensitive receiver prior to the construction for the Project.
- 4.2 The baseline noise monitoring was carried out in accordance with the updated EM&A Manual, in respect of the methodology, equipment, location and monitoring parameters. The major noise source identified at the monitoring station M9 (Ap Lei Chau PTW) was the traffic noise. The baseline monitoring results are considered representative to the ambient noise level.

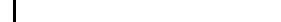
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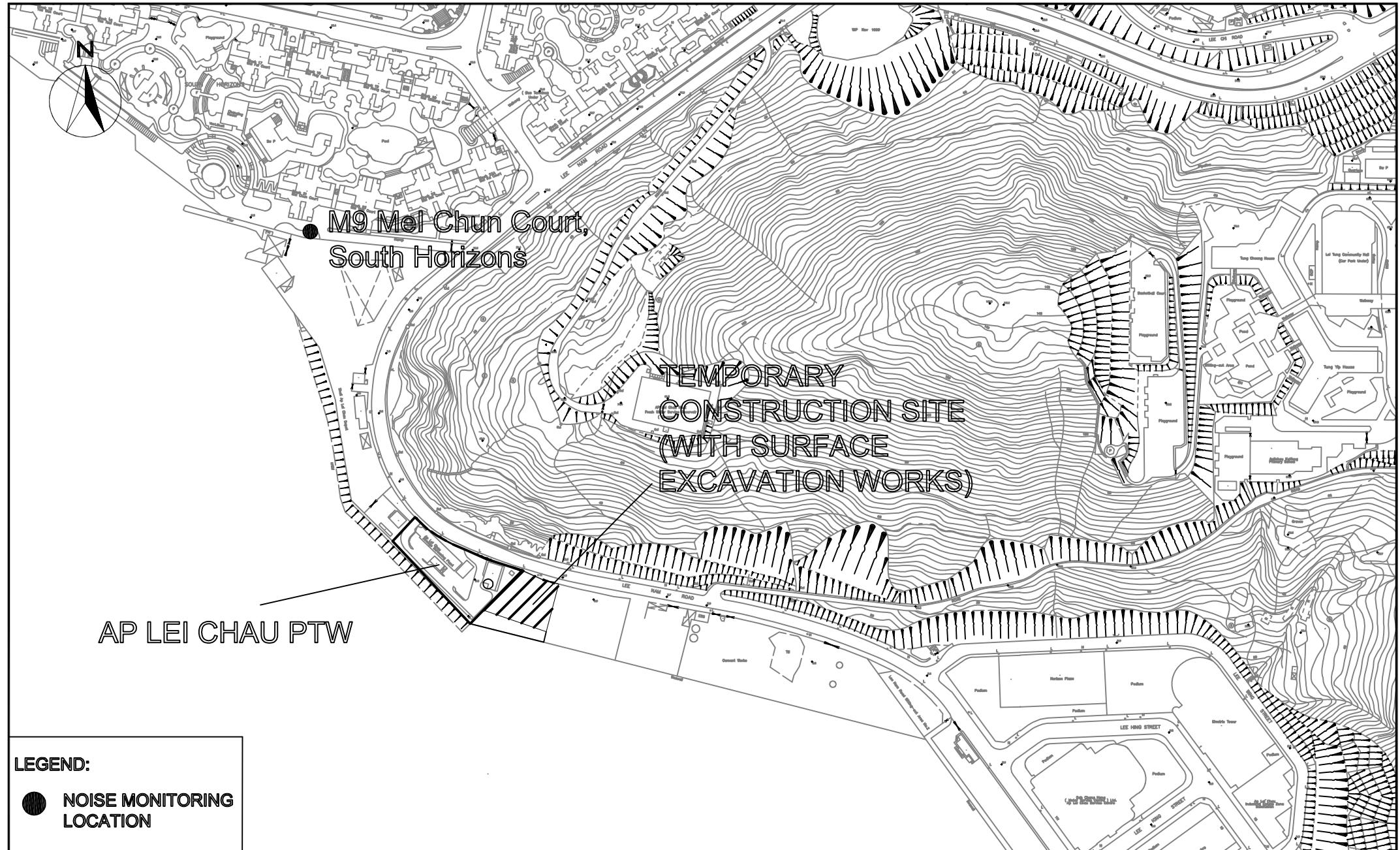
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**FIGURE**

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CONTRACT NO. DC/2008/09 Harbour Area Treatment Scheme Stage 2A Construction of Sewage Conveyance System from Ap Lei Chau to Aberdeen	Scale N.T.S	Proposal No. MA9042	
Site Layout Plan	Date Jan-10	Figure 1	



**CINOTECH**  
Cinotech Consultants Limited

Contract NO. DC/2008/09-HATS stage 2A Construction of sewage  
Conveyance System from Ap Lei Chau to Aberdeen  
**LOCATIONS OF CONSTRUCTION NOISE MONITORING STATIONS -  
AP LEI CHAU PTW**

SCALE	N.T.S.	DATE	FEB 2010
CHECK	IT	DRAWN	MF
JOB No.	MA9042	FIGURE NO.	REV -

**FIG 2**

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**APPENDIX A1**  
**Day-Time Baseline Noise Monitoring Data**

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## Appendix A1

### Day-time Noise Level at Mei Chun Court, South Horizons (M9)

Noise Level for 30-min, dB(A)				
Date	Time	Leq	L10	L90
6-Jan-10	07:03:00	56.8	57.8	47.6
6-Jan-10	07:33:00	53.2	56.0	48.9
6-Jan-10	08:03:00	58.5	62.8	51.7
6-Jan-10	08:33:00	53.6	56.0	49.6
6-Jan-10	09:03:00	58.9	61.2	55.2
6-Jan-10	09:33:00	57.4	58.3	51.6
6-Jan-10	10:03:00	56.8	59.7	52.0
6-Jan-10	10:33:00	59.6	62.9	52.1
6-Jan-10	11:03:00	55.1	57.6	51.7
6-Jan-10	11:33:00	59.0	61.6	55.2
6-Jan-10	12:03:00	56.8	58.9	54.5
6-Jan-10	12:33:00	53.3	55.5	49.4
6-Jan-10	13:03:00	53.5	55.6	49.3
6-Jan-10	13:33:00	56.9	59.8	50.8
6-Jan-10	14:03:00	59.1	61.6	54.1
6-Jan-10	14:33:00	56.2	57.6	54.2
6-Jan-10	15:03:00	56.0	57.6	53.6
6-Jan-10	15:33:00	58.5	60.7	55.0
6-Jan-10	16:03:00	55.3	57.6	51.6
6-Jan-10	16:33:00	56.4	59.0	50.9
6-Jan-10	17:03:00	54.8	57.1	50.5
6-Jan-10	17:33:00	55.1	58.2	50.4
6-Jan-10	18:03:00	56.9	59.6	50.3
6-Jan-10	18:33:00	52.8	55.0	47.9
		Mean	56.7	59.3
		Maximum	59.6	62.9
		Minimum	52.8	55.0

Noise Level for 30-min, dB(A)				
Date	Time	Leq	L10	L90
7-Jan-10	07:03:00	54.6	57.8	48.9
7-Jan-10	07:33:00	53.2	56.1	48.9
7-Jan-10	08:03:00	58.2	61.5	51.9
7-Jan-10	08:33:00	59.1	62.1	52.0
7-Jan-10	09:03:00	59.4	62.0	55.2
7-Jan-10	09:33:00	55.5	57.7	51.2
7-Jan-10	10:03:00	55.6	58.3	50.5
7-Jan-10	10:33:00	55.8	58.9	51.0
7-Jan-10	11:03:00	52.5	54.4	49.3
7-Jan-10	11:33:00	52.5	55.3	48.5
7-Jan-10	12:03:00	59.0	61.5	55.5
7-Jan-10	12:33:00	55.2	56.7	53.5
7-Jan-10	13:03:00	57.3	59.4	54.3
7-Jan-10	13:33:00	57.0	59.6	51.8
7-Jan-10	14:03:00	55.6	56.3	50.8
7-Jan-10	14:33:00	55.7	57.6	50.9
7-Jan-10	15:03:00	55.5	58.2	51.0
7-Jan-10	15:33:00	58.7	61.0	54.2
7-Jan-10	16:03:00	57.6	56.5	49.2
7-Jan-10	16:33:00	55.1	57.9	50.3
7-Jan-10	17:03:00	54.7	57.0	51.2
7-Jan-10	17:33:00	53.3	55.8	49.3
7-Jan-10	18:03:00	53.6	56.2	49.4
7-Jan-10	18:33:00	53.1	55.5	49.3
		Mean	56.2	58.6
		Maximum	59.4	62.1
		Minimum	52.5	54.4

## Appendix A1

### Day-time Noise Level at Mei Chun Court, South Horizons (M9)

Noise Level for 30-min, dB(A)				
Date	Time	Leq	L10	L90
8-Jan-10	07:03:00	55.6	58.2	50.8
8-Jan-10	07:33:00	56.1	58.7	51.0
8-Jan-10	08:03:00	56.2	58.2	51.4
8-Jan-10	08:33:00	53.9	56.4	50.0
8-Jan-10	09:03:00	60.2	62.5	57.0
8-Jan-10	09:33:00	57.7	59.8	53.9
8-Jan-10	10:03:00	56.8	59.6	52.4
8-Jan-10	10:33:00	54.4	56.8	50.8
8-Jan-10	11:03:00	55.5	58.1	51.7
8-Jan-10	11:33:00	54.2	56.9	50.6
8-Jan-10	12:03:00	59.3	61.9	55.7
8-Jan-10	12:33:00	58.3	60.7	54.4
8-Jan-10	13:03:00	54.0	55.8	49.1
8-Jan-10	13:33:00	53.8	56.0	49.4
8-Jan-10	14:03:00	54.0	56.4	50.5
8-Jan-10	14:33:00	56.2	58.8	52.8
8-Jan-10	15:03:00	56.8	58.4	54.0
8-Jan-10	15:33:00	58.9	60.7	56.3
8-Jan-10	16:03:00	54.5	56.9	49.6
8-Jan-10	16:33:00	56.0	58.9	50.0
8-Jan-10	17:03:00	54.7	57.1	50.0
8-Jan-10	17:33:00	55.4	58.1	51.5
8-Jan-10	18:03:00	54.2	56.5	49.9
8-Jan-10	18:33:00	53.3	55.8	48.9
		Mean	56.3	58.7
		Maximum	60.2	62.5
		Minimum	53.3	55.8

Noise Level for 30-min, dB(A)				
Date	Time	Leq	L10	L90
9-Jan-10	07:03:00	54.5	57.5	48.4
9-Jan-10	07:33:00	53.3	55.2	49.1
9-Jan-10	08:03:00	59.7	63.3	51.1
9-Jan-10	08:33:00	54.8	57.3	50.2
9-Jan-10	09:03:00	58.3	60.5	55.4
9-Jan-10	09:33:00	57.6	59.2	54.0
9-Jan-10	10:03:00	56.6	58.7	51.5
9-Jan-10	10:33:00	56.1	59.5	51.2
9-Jan-10	11:03:00	56.4	58.7	51.7
9-Jan-10	11:33:00	53.8	56.1	49.0
9-Jan-10	12:03:00	57.5	60.3	52.9
9-Jan-10	12:33:00	53.9	57.3	48.9
9-Jan-10	13:03:00	52.6	53.9	48.4
9-Jan-10	13:33:00	53.8	55.2	48.6
9-Jan-10	14:03:00	56.7	59.2	52.7
9-Jan-10	14:33:00	56.0	58.1	53.4
9-Jan-10	15:03:00	56.6	58.7	53.8
9-Jan-10	15:33:00	58.6	61.0	54.4
9-Jan-10	16:03:00	56.7	61.1	49.7
9-Jan-10	16:33:00	54.9	56.7	49.0
9-Jan-10	17:03:00	54.2	56.6	49.9
9-Jan-10	17:33:00	54.7	57.4	50.2
9-Jan-10	18:03:00	55.9	57.9	50.1
9-Jan-10	18:33:00	52.6	54.7	48.7
		Mean	56.1	58.7
		Maximum	59.7	63.3
		Minimum	52.6	53.9

## Appendix A1

### Day-time Noise Level at Mei Chun Court, South Horizons (M9)

Noise Level for 30-min, dB(A)				
Date	Time	Leq	L10	L90
11-Jan-10	07:03:00	51.6	54.0	48.2
11-Jan-10	07:33:00	52.5	55.0	48.9
11-Jan-10	08:03:00	56.1	57.2	51.4
11-Jan-10	08:33:00	54.0	56.4	50.3
11-Jan-10	09:03:00	60.8	62.1	54.9
11-Jan-10	09:33:00	57.1	59.3	52.9
11-Jan-10	10:03:00	54.7	57.5	50.6
11-Jan-10	10:33:00	61.5	59.8	50.8
11-Jan-10	11:03:00	59.6	59.3	52.5
11-Jan-10	11:33:00	54.8	56.4	52.2
11-Jan-10	12:03:00	59.2	61.7	55.9
11-Jan-10	12:33:00	56.8	59.2	53.6
11-Jan-10	13:03:00	51.9	53.9	49.3
11-Jan-10	13:33:00	55.7	59.0	50.8
11-Jan-10	14:03:00	53.7	55.8	50.6
11-Jan-10	14:33:00	55.2	57.9	51.3
11-Jan-10	15:03:00	57.7	59.5	53.5
11-Jan-10	15:33:00	58.0	60.5	54.3
11-Jan-10	16:03:00	54.6	57.2	49.3
11-Jan-10	16:33:00	53.6	55.7	48.9
11-Jan-10	17:03:00	53.1	55.5	49.5
11-Jan-10	17:33:00	52.9	55.1	49.5
11-Jan-10	18:03:00	54.2	56.5	50.4
11-Jan-10	18:33:00	53.1	55.9	48.9
Mean		56.5	58.1	51.7
Maximum		61.5	62.1	55.9
Minimum		51.6	53.9	48.2

Noise Level for 30-min, dB(A)				
Date	Time	Leq	L10	L90
12-Jan-10	07:03:00	53.4	55.5	48.1
12-Jan-10	07:33:00	55.0	57.7	50.9
12-Jan-10	08:03:00	54.8	57.2	51.2
12-Jan-10	08:33:00	54.8	57.0	51.5
12-Jan-10	09:03:00	59.2	62.0	55.4
12-Jan-10	09:33:00	54.6	57.3	50.7
12-Jan-10	10:03:00	54.3	56.9	50.1
12-Jan-10	10:33:00	55.3	57.9	51.4
12-Jan-10	11:03:00	54.6	56.1	49.0
12-Jan-10	11:33:00	54.6	58.0	49.0
12-Jan-10	12:03:00	58.9	61.0	55.7
12-Jan-10	12:33:00	54.8	56.4	52.6
12-Jan-10	13:03:00	51.4	53.5	48.5
12-Jan-10	13:33:00	59.9	62.8	50.4
12-Jan-10	14:03:00	64.4	66.0	62.6
12-Jan-10	14:33:00	55.3	57.4	51.8
12-Jan-10	15:03:00	62.8	66.1	53.6
12-Jan-10	15:33:00	58.8	60.8	55.6
12-Jan-10	16:03:00	52.8	55.8	48.3
12-Jan-10	16:33:00	54.4	57.0	49.0
12-Jan-10	17:03:00	55.4	57.5	51.0
12-Jan-10	17:33:00	54.1	56.4	50.6
12-Jan-10	18:03:00	53.7	55.9	49.2
12-Jan-10	18:33:00	51.7	53.7	48.5
Mean		57.3	59.7	53.3
Maximum		64.4	66.1	62.6
Minimum		51.4	53.5	48.1

## Appendix A1

### Day-time Noise Level at Mei Chun Court, South Horizons (M9)

Noise Level for 30-min, dB(A)				
Date	Time	Leq	L10	L90
13-Jan-10	07:03:00	55.6	56.3	48.6
13-Jan-10	07:33:00	52.5	54.9	48.4
13-Jan-10	08:03:00	54.4	56.7	51.0
13-Jan-10	08:33:00	53.2	55.7	49.3
13-Jan-10	09:03:00	59.3	61.7	55.3
13-Jan-10	09:33:00	54.9	58.0	50.0
13-Jan-10	10:03:00	55.4	57.3	49.1
13-Jan-10	10:33:00	57.5	59.7	51.7
13-Jan-10	11:03:00	59.8	59.3	51.4
13-Jan-10	11:33:00	56.1	58.3	52.2
13-Jan-10	12:03:00	58.4	61.0	54.9
13-Jan-10	12:33:00	50.5	52.7	47.3
13-Jan-10	13:03:00	51.8	53.8	48.8
13-Jan-10	13:33:00	64.0	68.1	48.9
13-Jan-10	14:03:00	66.9	70.4	55.7
13-Jan-10	14:33:00	55.1	56.6	52.5
13-Jan-10	15:03:00	55.1	56.6	53.0
13-Jan-10	15:33:00	58.9	60.6	55.6
13-Jan-10	16:03:00	55.6	58.1	51.1
13-Jan-10	16:33:00	55.0	56.8	50.0
13-Jan-10	17:03:00	53.4	55.6	49.3
13-Jan-10	17:33:00	56.2	59.2	51.0
13-Jan-10	18:03:00	53.9	55.9	49.5
13-Jan-10	18:33:00	52.4	54.0	50.1
Mean		58.2	61.1	51.7
Maximum		66.9	70.4	55.7
Minimum		50.5	52.7	47.3

Noise Level for 30-min, dB(A)				
Date	Time	Leq	L10	L90
14-Jan-10	07:03:00	53.3	55.8	48.0
14-Jan-10	07:33:00	53.0	55.2	49.0
14-Jan-10	08:03:00	55.0	57.4	50.4
14-Jan-10	08:33:00	57.0	60.5	51.2
14-Jan-10	09:03:00	59.7	61.8	55.3
14-Jan-10	09:33:00	56.3	58.8	51.7
14-Jan-10	10:03:00	56.2	59.2	50.9
14-Jan-10	10:33:00	54.7	57.4	50.2
14-Jan-10	11:03:00	54.7	57.7	50.0
14-Jan-10	11:33:00	53.0	55.3	49.6
14-Jan-10	12:03:00	58.6	60.8	55.6
14-Jan-10	12:33:00	55.9	57.3	53.0
14-Jan-10	13:03:00	53.6	55.7	48.6
14-Jan-10	13:33:00	55.2	58.0	49.9
14-Jan-10	14:03:00	51.6	53.5	48.0
14-Jan-10	14:33:00	53.1	55.9	49.5
14-Jan-10	15:03:00	57.7	58.7	53.4
14-Jan-10	15:33:00	58.9	61.3	55.3
14-Jan-10	16:03:00	54.4	57.0	49.0
14-Jan-10	16:33:00	54.2	56.7	49.7
14-Jan-10	17:03:00	53.6	56.0	50.2
14-Jan-10	17:33:00	55.0	57.8	50.1
14-Jan-10	18:03:00	54.2	56.3	49.0
14-Jan-10	18:33:00	52.9	55.6	48.6
Mean		55.6	58.0	51.3
Maximum		59.7	61.8	55.6
Minimum		51.6	53.5	48.0

## Appendix A1

### Day-time Noise Level at Mei Chun Court, South Horizons (M9)

Noise Level for 30-min, dB(A)				
Date	Time	Leq	L10	L90
15-Jan-10	07:03:00	52.4	53.4	48.1
15-Jan-10	07:33:00	53.6	56.0	49.6
15-Jan-10	08:03:00	54.5	57.4	50.1
15-Jan-10	08:33:00	58.1	62.0	52.0
15-Jan-10	09:03:00	61.8	64.1	58.5
15-Jan-10	09:33:00	53.7	56.0	49.8
15-Jan-10	10:03:00	55.1	57.4	50.8
15-Jan-10	10:33:00	54.9	57.5	50.6
15-Jan-10	11:03:00	54.3	57.2	50.3
15-Jan-10	11:33:00	53.1	55.2	48.5
15-Jan-10	12:03:00	61.1	64.2	56.5
15-Jan-10	12:33:00	51.4	53.6	48.5
15-Jan-10	13:03:00	50.8	53.0	48.0
15-Jan-10	13:33:00	53.3	56.1	49.5
15-Jan-10	14:03:00	56.6	60.0	51.6
15-Jan-10	14:33:00	59.6	61.0	55.7
15-Jan-10	15:03:00	59.7	61.5	56.2
15-Jan-10	15:33:00	60.4	63.1	56.3
15-Jan-10	16:03:00	56.6	58.9	49.7
15-Jan-10	16:33:00	52.5	54.6	49.2
15-Jan-10	17:03:00	54.7	57.2	49.9
15-Jan-10	17:33:00	54.3	56.8	50.0
15-Jan-10	18:03:00	54.5	55.8	49.6
15-Jan-10	18:33:00	52.4	54.7	49.1
Mean		56.6	59.1	52.4
Maximum		61.8	64.2	58.5
Minimum		50.8	53.0	48.0

Noise Level for 30-min, dB(A)				
Date	Time	Leq	L10	L90
16-Jan-10	07:03:00	54.9	56.7	48.3
16-Jan-10	07:33:00	52.8	54.8	48.9
16-Jan-10	08:03:00	53.8	56.6	49.5
16-Jan-10	08:33:00	53.5	55.9	49.6
16-Jan-10	09:03:00	59.3	61.8	55.9
16-Jan-10	09:33:00	54.3	56.7	50.5
16-Jan-10	10:03:00	54.5	56.6	49.9
16-Jan-10	10:33:00	55.7	58.2	51.1
16-Jan-10	11:03:00	56.1	58.6	52.3
16-Jan-10	11:33:00	56.2	58.4	51.6
16-Jan-10	12:03:00	59.6	62.1	56.4
16-Jan-10	12:33:00	53.1	55.3	49.2
16-Jan-10	13:03:00	54.3	56.8	49.7
16-Jan-10	13:33:00	54.3	55.8	49.8
16-Jan-10	14:03:00	56.5	58.1	53.5
16-Jan-10	14:33:00	55.6	57.3	53.1
16-Jan-10	15:03:00	56.5	58.5	53.2
16-Jan-10	15:33:00	58.9	61.4	55.0
16-Jan-10	16:03:00	54.2	57.8	49.3
16-Jan-10	16:33:00	55.0	56.4	49.8
16-Jan-10	17:03:00	55.5	58.1	49.3
16-Jan-10	17:33:00	56.1	58.0	50.3
16-Jan-10	18:03:00	53.6	55.5	50.2
16-Jan-10	18:33:00	52.7	53.3	48.5
Mean		55.7	58.0	51.7
Maximum		59.6	62.1	56.4
Minimum		52.7	53.3	48.3

## Appendix A1

### Day-time Noise Level at Mei Chun Court, South Horizons (M9)

Noise Level for 30-min, dB(A)				
Date	Time	Leq	L10	L90
18-Jan-10	07:03:00	53.3	55.6	48.9
18-Jan-10	07:33:00	53.3	55.9	49.2
18-Jan-10	08:03:00	54.7	57.1	50.8
18-Jan-10	08:33:00	56.3	58.2	51.8
18-Jan-10	09:03:00	59.0	60.6	55.5
18-Jan-10	09:33:00	54.6	56.9	51.0
18-Jan-10	10:03:00	56.8	60.8	51.0
18-Jan-10	10:33:00	54.5	56.9	51.4
18-Jan-10	11:03:00	56.8	58.7	52.2
18-Jan-10	11:33:00	54.5	56.6	49.9
18-Jan-10	12:03:00	58.1	61.0	53.1
18-Jan-10	12:33:00	52.2	54.3	49.3
18-Jan-10	13:03:00	54.7	57.7	48.9
18-Jan-10	13:33:00	53.3	55.0	48.6
18-Jan-10	14:03:00	56.4	58.4	52.4
18-Jan-10	14:33:00	57.0	59.5	53.7
18-Jan-10	15:03:00	56.7	58.5	54.0
18-Jan-10	15:33:00	58.8	61.1	55.0
18-Jan-10	16:03:00	57.6	62.1	50.2
18-Jan-10	16:33:00	54.5	56.7	50.1
18-Jan-10	17:03:00	57.5	58.2	50.5
18-Jan-10	17:33:00	55.6	58.0	50.3
18-Jan-10	18:03:00	54.2	56.6	50.2
18-Jan-10	18:33:00	53.2	55.5	49.5
Mean		56.0	58.4	51.6
Maximum		59.0	62.1	55.5
Minimum		52.2	54.3	48.6

Noise Level for 30-min, dB(A)				
Date	Time	Leq	L10	L90
19-Jan-10	07:03:00	53.4	56.0	49.0
19-Jan-10	07:33:00	54.0	56.4	50.5
19-Jan-10	08:03:00	55.0	57.4	51.0
19-Jan-10	08:33:00	61.4	63.9	57.8
19-Jan-10	09:03:00	58.8	60.3	56.7
19-Jan-10	09:33:00	59.7	63.2	55.1
19-Jan-10	10:03:00	56.6	59.5	51.4
19-Jan-10	10:33:00	56.3	59.2	52.3
19-Jan-10	11:03:00	53.4	54.8	51.5
19-Jan-10	11:33:00	54.1	56.2	50.8
19-Jan-10	12:03:00	52.2	54.2	49.2
19-Jan-10	12:33:00	57.6	60.0	52.4
19-Jan-10	13:03:00	60.6	63.5	55.9
19-Jan-10	13:33:00	52.8	54.8	49.5
19-Jan-10	14:03:00	51.1	53.0	48.5
19-Jan-10	14:33:00	53.3	55.8	49.6
19-Jan-10	15:03:00	60.1	62.6	54.1
19-Jan-10	15:33:00	57.2	60.8	50.0
19-Jan-10	16:03:00	54.0	56.4	50.2
19-Jan-10	16:33:00	52.8	54.7	48.7
19-Jan-10	17:03:00	55.3	58.3	50.2
19-Jan-10	17:33:00	53.9	55.7	49.2
19-Jan-10	18:03:00	52.1	54.4	48.5
19-Jan-10	18:33:00	43.7	46.0	40.7
Mean		56.4	59.0	52.2
Maximum		61.4	63.9	57.8
Minimum		43.7	46.0	40.7

Summary of Day Time Noise Level at Mei Chun Court, South Horizons (M9)			
	Leq	L10	L90
Mean	56.5	59.0	52.0
Max	66.9	70.4	62.6
Min	43.7	46.0	40.7

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**APPENDIX A2**  
**Evening-time and Holidays Baseline**  
**Monitoring Data**

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## Appendix A2

### Evening Time and Holiday Noise Level at Mei Chun Court, South Horizons (M9)

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
6-Jan-10	19:03:00	50.4	52.3	48.0
6-Jan-10	19:08:00	55.2	58.2	51.1
6-Jan-10	19:13:00	54.1	55.4	51.2
6-Jan-10	19:18:00	53.0	54.7	51.1
6-Jan-10	19:23:00	51.0	52.8	47.9
6-Jan-10	19:28:00	49.9	50.7	47.1
6-Jan-10	19:33:00	53.1	55.6	49.3
6-Jan-10	19:38:00	51.3	53.0	49.0
6-Jan-10	19:43:00	49.8	52.0	47.2
6-Jan-10	19:48:00	52.0	52.8	46.7
6-Jan-10	19:53:00	48.6	50.4	46.4
6-Jan-10	19:58:00	48.8	50.7	46.7
6-Jan-10	20:03:00	53.1	56.2	48.5
6-Jan-10	20:08:00	52.4	54.4	47.0
6-Jan-10	20:13:00	48.4	50.4	46.1
6-Jan-10	20:18:00	48.5	50.2	46.4
6-Jan-10	20:23:00	50.1	52.8	46.3
6-Jan-10	20:28:00	50.5	52.2	47.6
6-Jan-10	20:33:00	50.5	52.8	47.7
6-Jan-10	20:38:00	48.5	50.5	46.2
6-Jan-10	20:43:00	51.6	54.4	47.3
6-Jan-10	20:48:00	57.1	60.1	50.9
6-Jan-10	20:53:00	50.2	52.5	47.3
6-Jan-10	20:58:00	51.3	52.5	47.1
6-Jan-10	21:03:00	48.7	49.9	47.1
6-Jan-10	21:08:00	49.5	51.7	47.1
6-Jan-10	21:13:00	53.7	57.2	47.7
6-Jan-10	21:18:00	49.5	51.5	47.1
6-Jan-10	21:23:00	49.6	52.2	46.8
6-Jan-10	21:28:00	49.6	51.6	47.0
6-Jan-10	21:33:00	48.4	49.7	46.9
6-Jan-10	21:38:00	54.0	56.2	49.5
6-Jan-10	21:43:00	50.0	51.9	47.6
6-Jan-10	21:48:00	50.1	53.1	47.1
6-Jan-10	21:53:00	48.3	49.8	46.3
6-Jan-10	21:58:00	48.7	50.4	46.5
6-Jan-10	22:03:00	47.2	48.4	46.0
6-Jan-10	22:08:00	48.6	50.2	46.4
6-Jan-10	22:13:00	50.2	52.7	47.4
6-Jan-10	22:18:00	48.2	49.9	46.0
6-Jan-10	22:23:00	48.8	51.3	46.1
6-Jan-10	22:28:00	50.0	52.8	46.6
6-Jan-10	22:33:00	53.8	57.8	47.3
6-Jan-10	22:38:00	48.8	50.8	45.5
6-Jan-10	22:43:00	49.5	53.3	45.5
6-Jan-10	22:48:00	47.4	48.8	45.7
6-Jan-10	22:53:00	47.2	48.5	45.0
6-Jan-10	22:58:00	52.9	54.9	49.6
		Mean	51.1	53.4
		Maximum	57.1	60.1
		Minimum	47.2	48.4

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
7-Jan-10	19:03:00	52.4	54.8	49.3
7-Jan-10	19:08:00	56.1	59.2	50.0
7-Jan-10	19:13:00	53.7	56.6	48.8
7-Jan-10	19:18:00	57.4	56.0	48.9
7-Jan-10	19:23:00	53.1	55.8	49.4
7-Jan-10	19:28:00	53.7	54.6	48.3
7-Jan-10	19:33:00	54.2	56.6	50.5
7-Jan-10	19:38:00	52.1	53.9	49.3
7-Jan-10	19:43:00	51.5	54.3	48.2
7-Jan-10	19:48:00	50.6	52.4	48.1
7-Jan-10	19:53:00	51.6	54.1	48.3
7-Jan-10	19:58:00	52.3	54.5	48.2
7-Jan-10	20:03:00	49.5	51.3	47.0
7-Jan-10	20:08:00	51.9	55.1	48.0
7-Jan-10	20:13:00	51.4	52.9	48.7
7-Jan-10	20:18:00	49.8	51.1	48.0
7-Jan-10	20:23:00	51.7	53.7	49.1
7-Jan-10	20:28:00	50.4	51.9	48.4
7-Jan-10	20:33:00	50.4	53.1	47.5
7-Jan-10	20:38:00	50.6	52.8	47.2
7-Jan-10	20:43:00	49.0	50.7	47.1
7-Jan-10	20:48:00	49.2	51.1	46.6
7-Jan-10	20:53:00	48.5	49.9	46.5
7-Jan-10	20:58:00	50.5	52.3	48.0
7-Jan-10	21:03:00	49.5	51.3	47.3
7-Jan-10	21:08:00	49.1	50.6	47.3
7-Jan-10	21:13:00	55.6	59.5	49.4
7-Jan-10	21:18:00	49.1	50.3	47.3
7-Jan-10	21:23:00	54.9	52.5	47.9
7-Jan-10	21:28:00	49.8	51.7	47.5
7-Jan-10	21:33:00	50.7	52.7	48.3
7-Jan-10	21:38:00	54.6	56.8	49.8
7-Jan-10	21:43:00	49.3	50.3	47.6
7-Jan-10	21:48:00	49.7	52.0	47.1
7-Jan-10	21:53:00	49.1	50.5	47.0
7-Jan-10	21:58:00	48.7	50.7	46.1
7-Jan-10	22:03:00	49.0	50.9	46.3
7-Jan-10	22:08:00	49.7	51.4	47.1
7-Jan-10	22:13:00	49.5	51.2	47.1
7-Jan-10	22:18:00	49.2	50.6	47.2
7-Jan-10	22:23:00	49.6	51.2	47.7
7-Jan-10	22:28:00	49.0	50.4	47.3
7-Jan-10	22:33:00	54.4	58.4	47.2
7-Jan-10	22:38:00	47.8	48.9	46.1
7-Jan-10	22:43:00	47.3	48.5	46.0
7-Jan-10	22:48:00	49.2	52.0	45.6
7-Jan-10	22:53:00	50.8	55.1	46.3
7-Jan-10	22:58:00	52.6	55.8	48.4
		Mean	51.7	53.8
		Maximum	57.4	59.5
		Minimum	47.3	48.5

## Appendix A2

### Evening Time and Holiday Noise Level at Mei Chun Court, South Horizons (M9)

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
8-Jan-10	19:03:00	51.6	53.3	47.6
8-Jan-10	19:08:00	53.5	57.3	48.5
8-Jan-10	19:13:00	53.8	56.1	50.8
8-Jan-10	19:18:00	52.6	55.9	48.3
8-Jan-10	19:23:00	51.7	53.6	48.6
8-Jan-10	19:28:00	52.8	56.6	48.6
8-Jan-10	19:33:00	52.6	55.1	49.5
8-Jan-10	19:38:00	53.3	57.8	47.4
8-Jan-10	19:43:00	54.2	57.7	47.9
8-Jan-10	19:48:00	56.5	55.1	48.3
8-Jan-10	19:53:00	50.3	52.1	48.0
8-Jan-10	19:58:00	52.7	55.0	49.4
8-Jan-10	20:03:00	49.4	51.4	47.1
8-Jan-10	20:08:00	50.4	50.9	46.6
8-Jan-10	20:13:00	51.9	54.6	47.1
8-Jan-10	20:18:00	50.1	51.8	47.6
8-Jan-10	20:23:00	50.4	52.4	47.9
8-Jan-10	20:28:00	51.8	51.8	47.0
8-Jan-10	20:33:00	51.3	53.3	46.7
8-Jan-10	20:38:00	49.4	51.6	46.6
8-Jan-10	20:43:00	49.7	51.8	47.1
8-Jan-10	20:48:00	49.1	50.9	47.0
8-Jan-10	20:53:00	51.6	53.7	47.3
8-Jan-10	20:58:00	50.4	53.4	46.7
8-Jan-10	21:03:00	52.3	55.1	47.0
8-Jan-10	21:08:00	50.4	52.3	47.9
8-Jan-10	21:13:00	56.0	59.9	48.7
8-Jan-10	21:18:00	48.8	51.2	46.2
8-Jan-10	21:23:00	47.7	49.0	46.1
8-Jan-10	21:28:00	47.9	49.3	46.2
8-Jan-10	21:33:00	48.7	50.4	45.9
8-Jan-10	21:38:00	53.4	55.8	49.5
8-Jan-10	21:43:00	48.4	49.7	46.6
8-Jan-10	21:48:00	47.7	49.4	45.8
8-Jan-10	21:53:00	48.5	50.2	46.4
8-Jan-10	21:58:00	50.8	53.7	47.3
8-Jan-10	22:03:00	49.2	50.8	46.9
8-Jan-10	22:08:00	49.4	50.7	47.2
8-Jan-10	22:13:00	50.1	52.4	47.8
8-Jan-10	22:18:00	51.4	53.7	48.3
8-Jan-10	22:23:00	48.4	49.6	47.0
8-Jan-10	22:28:00	49.1	50.8	46.9
8-Jan-10	22:33:00	54.5	58.1	46.5
8-Jan-10	22:38:00	49.5	51.7	46.3
8-Jan-10	22:43:00	48.5	50.2	46.2
8-Jan-10	22:48:00	48.4	50.2	46.2
8-Jan-10	22:53:00	47.4	48.7	45.6
8-Jan-10	22:58:00	52.0	54.3	49.0
		Mean	51.4	53.8
		Maximum	56.5	59.9
		Minimum	47.4	48.7

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
9-Jan-10	19:03:00	50.2	51.9	47.0
9-Jan-10	19:08:00	53.0	55.4	48.6
9-Jan-10	19:13:00	56.0	59.8	50.7
9-Jan-10	19:18:00	50.0	51.9	47.8
9-Jan-10	19:23:00	49.5	51.2	47.7
9-Jan-10	19:28:00	50.3	52.4	47.6
9-Jan-10	19:33:00	50.8	53.0	48.1
9-Jan-10	19:38:00	56.1	60.2	49.1
9-Jan-10	19:43:00	49.1	50.4	47.6
9-Jan-10	19:48:00	50.3	52.8	47.4
9-Jan-10	19:53:00	50.5	52.8	46.7
9-Jan-10	19:58:00	57.3	60.9	51.3
9-Jan-10	20:03:00	49.1	51.7	46.3
9-Jan-10	20:08:00	50.9	53.2	47.6
9-Jan-10	20:13:00	49.8	51.3	47.3
9-Jan-10	20:18:00	50.0	51.7	47.1
9-Jan-10	20:23:00	50.4	53.0	47.2
9-Jan-10	20:28:00	51.4	52.7	47.2
9-Jan-10	20:33:00	52.1	54.8	47.7
9-Jan-10	20:38:00	49.7	51.7	47.2
9-Jan-10	20:43:00	51.1	53.8	47.8
9-Jan-10	20:48:00	51.5	53.0	48.1
9-Jan-10	20:53:00	48.9	50.4	47.1
9-Jan-10	20:58:00	52.3	54.9	46.8
9-Jan-10	21:03:00	50.1	52.4	47.0
9-Jan-10	21:08:00	51.1	52.2	46.6
9-Jan-10	21:13:00	53.8	58.4	47.1
9-Jan-10	21:18:00	51.4	54.9	47.1
9-Jan-10	21:23:00	51.1	51.3	46.6
9-Jan-10	21:28:00	48.5	50.5	46.3
9-Jan-10	21:33:00	49.8	52.4	46.9
9-Jan-10	21:38:00	56.1	59.3	50.3
9-Jan-10	21:43:00	49.0	50.6	47.0
9-Jan-10	21:48:00	47.8	49.3	46.1
9-Jan-10	21:53:00	49.5	51.3	46.4
9-Jan-10	21:58:00	47.9	50.0	45.7
9-Jan-10	22:03:00	48.2	50.5	45.6
9-Jan-10	22:08:00	48.6	49.8	46.3
9-Jan-10	22:13:00	50.0	51.2	47.5
9-Jan-10	22:18:00	47.8	49.4	45.9
9-Jan-10	22:23:00	49.1	51.7	45.6
9-Jan-10	22:28:00	49.7	53.2	46.0
9-Jan-10	22:33:00	53.6	58.1	46.4
9-Jan-10	22:38:00	51.9	52.6	45.5
9-Jan-10	22:43:00	48.2	50.0	45.9
9-Jan-10	22:48:00	50.9	53.8	47.0
9-Jan-10	22:53:00	51.3	54.0	46.9
9-Jan-10	22:58:00	52.8	56.1	48.3
		Mean	51.5	54.3
		Maximum	57.3	60.9
		Minimum	47.8	49.3

## Appendix A2

### Evening Time and Holiday Noise Level at Mei Chun Court, South Horizons (M9)

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
10-Jan-10	07:03:00	54.6	58.1	48.0
10-Jan-10	07:08:00	59.4	63.3	47.9
10-Jan-10	07:13:00	63.4	68.8	50.9
10-Jan-10	07:18:00	53.4	55.9	48.1
10-Jan-10	07:23:00	51.2	53.1	47.3
10-Jan-10	07:28:00	53.1	56.0	47.3
10-Jan-10	07:33:00	51.0	53.4	46.4
10-Jan-10	07:38:00	50.7	52.3	46.0
10-Jan-10	07:43:00	53.5	56.2	47.2
10-Jan-10	07:48:00	52.9	55.7	49.0
10-Jan-10	07:53:00	54.0	56.5	49.8
10-Jan-10	07:58:00	55.0	56.6	49.8
10-Jan-10	08:03:00	57.7	58.9	48.7
10-Jan-10	08:08:00	55.5	56.8	49.1
10-Jan-10	08:13:00	53.4	56.1	48.5
10-Jan-10	08:18:00	54.2	56.8	49.4
10-Jan-10	08:23:00	56.6	59.9	49.2
10-Jan-10	08:28:00	53.3	56.2	48.4
10-Jan-10	08:33:00	54.6	57.5	48.5
10-Jan-10	08:38:00	54.1	56.8	48.4
10-Jan-10	08:43:00	52.4	55.2	48.4
10-Jan-10	08:48:00	51.5	53.8	48.4
10-Jan-10	08:53:00	52.7	55.8	48.1
10-Jan-10	08:58:00	58.3	60.6	53.5
10-Jan-10	09:03:00	62.4	64.6	59.3
10-Jan-10	09:08:00	60.2	63.6	50.1
10-Jan-10	09:13:00	51.2	52.7	48.5
10-Jan-10	09:18:00	52.2	54.6	48.6
10-Jan-10	09:23:00	50.9	53.1	48.0
10-Jan-10	09:28:00	50.2	51.8	48.1
10-Jan-10	09:33:00	50.5	52.5	47.5
10-Jan-10	09:38:00	50.9	52.7	48.6
10-Jan-10	09:43:00	50.8	53.6	47.5
10-Jan-10	09:48:00	49.8	51.7	47.3
10-Jan-10	09:53:00	53.7	57.5	48.0
10-Jan-10	09:58:00	53.1	56.3	48.8
10-Jan-10	10:03:00	51.5	53.2	48.0
10-Jan-10	10:08:00	50.8	53.5	47.6
10-Jan-10	10:13:00	50.2	51.6	47.3
10-Jan-10	10:18:00	50.2	51.9	47.4
10-Jan-10	10:23:00	52.9	55.9	48.9
10-Jan-10	10:28:00	50.1	52.2	47.6
10-Jan-10	10:33:00	57.2	60.7	50.5
10-Jan-10	10:38:00	51.9	55.4	48.3
10-Jan-10	10:43:00	50.1	51.7	47.4
10-Jan-10	10:48:00	53.5	54.0	47.4
10-Jan-10	10:53:00	51.3	53.2	48.3
10-Jan-10	10:58:00	51.1	53.2	47.9

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
10-Jan-10	11:03:00	50.1	51.8	47.2
10-Jan-10	11:08:00	51.7	53.6	49.0
10-Jan-10	11:13:00	49.9	51.8	47.5
10-Jan-10	11:18:00	54.8	58.9	49.5
10-Jan-10	11:23:00	54.9	57.7	51.2
10-Jan-10	11:28:00	57.4	60.1	51.6
10-Jan-10	11:33:00	55.7	58.3	51.4
10-Jan-10	11:38:00	53.6	55.3	50.8
10-Jan-10	11:43:00	55.2	56.6	51.0
10-Jan-10	11:48:00	56.9	59.3	52.7
10-Jan-10	11:53:00	62.3	64.6	54.7
10-Jan-10	11:58:00	55.8	57.1	53.2
10-Jan-10	12:03:00	57.1	58.9	53.1
10-Jan-10	12:08:00	57.2	58.7	53.9
10-Jan-10	12:13:00	55.2	56.5	53.2
10-Jan-10	12:18:00	55.2	56.6	53.8
10-Jan-10	12:23:00	54.4	55.6	53.0
10-Jan-10	12:28:00	60.6	62.8	56.8
10-Jan-10	12:33:00	58.8	61.7	49.5
10-Jan-10	12:38:00	53.3	54.6	49.4
10-Jan-10	12:43:00	54.4	54.6	48.4
10-Jan-10	12:48:00	53.0	55.6	48.6
10-Jan-10	12:53:00	56.6	59.5	47.9
10-Jan-10	12:58:00	50.7	53.1	47.5
10-Jan-10	13:03:00	51.8	53.7	47.4
10-Jan-10	13:08:00	53.4	56.1	48.0
10-Jan-10	13:13:00	51.8	53.7	49.7
10-Jan-10	13:18:00	50.2	52.0	48.2
10-Jan-10	13:23:00	52.2	54.6	49.1
10-Jan-10	13:28:00	49.4	51.3	47.3
10-Jan-10	13:33:00	51.5	53.7	48.9
10-Jan-10	13:38:00	53.8	57.0	49.2
10-Jan-10	13:43:00	51.3	53.9	48.1
10-Jan-10	13:48:00	50.1	51.7	47.1
10-Jan-10	13:53:00	53.2	54.0	48.2
10-Jan-10	13:58:00	54.6	57.9	47.7
10-Jan-10	14:03:00	51.2	54.4	47.4
10-Jan-10	14:08:00	53.5	56.1	48.6
10-Jan-10	14:13:00	63.7	68.5	52.5
10-Jan-10	14:18:00	57.6	61.9	50.3
10-Jan-10	14:23:00	52.1	54.2	49.4
10-Jan-10	14:28:00	59.8	61.7	51.2
10-Jan-10	14:33:00	60.4	63.5	49.1
10-Jan-10	14:38:00	51.0	52.4	48.6
10-Jan-10	14:43:00	51.3	53.6	48.1
10-Jan-10	14:48:00	50.7	52.6	48.0
10-Jan-10	14:53:00	51.4	53.6	48.3
10-Jan-10	14:58:00	51.1	52.9	48.4

## Appendix A2

### Evening Time and Holiday Noise Level at Mei Chun Court, South Horizons (M9)

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
10-Jan-10	15:03:00	49.9	51.4	48.0
10-Jan-10	15:08:00	55.2	57.5	49.8
10-Jan-10	15:13:00	56.7	60.1	49.2
10-Jan-10	15:18:00	51.1	53.2	48.3
10-Jan-10	15:23:00	57.6	59.2	49.2
10-Jan-10	15:28:00	53.5	54.6	48.3
10-Jan-10	15:33:00	51.3	53.4	48.2
10-Jan-10	15:38:00	55.3	57.7	48.8
10-Jan-10	15:43:00	56.7	58.7	53.5
10-Jan-10	15:48:00	52.6	54.3	49.7
10-Jan-10	15:53:00	51.8	54.8	48.2
10-Jan-10	15:58:00	61.0	63.0	56.5
10-Jan-10	16:03:00	54.0	56.6	50.2
10-Jan-10	16:08:00	54.2	56.5	49.8
10-Jan-10	16:13:00	53.4	55.6	50.1
10-Jan-10	16:18:00	52.9	55.4	49.6
10-Jan-10	16:23:00	53.0	55.3	49.6
10-Jan-10	16:28:00	52.4	54.2	49.6
10-Jan-10	16:33:00	53.1	55.4	50.0
10-Jan-10	16:38:00	53.7	56.0	50.2
10-Jan-10	16:43:00	52.9	54.9	50.2
10-Jan-10	16:48:00	51.5	53.9	48.9
10-Jan-10	16:53:00	52.1	54.5	48.8
10-Jan-10	16:58:00	54.2	55.6	48.5
10-Jan-10	17:03:00	54.4	56.9	50.0
10-Jan-10	17:08:00	55.7	58.6	49.7
10-Jan-10	17:13:00	54.0	56.6	50.0
10-Jan-10	17:18:00	57.5	60.9	50.8
10-Jan-10	17:23:00	54.9	57.4	50.7
10-Jan-10	17:28:00	53.9	55.9	50.1
10-Jan-10	17:33:00	54.1	55.7	50.3
10-Jan-10	17:38:00	53.3	54.3	50.0
10-Jan-10	17:43:00	55.2	58.4	50.6
10-Jan-10	17:48:00	51.9	53.5	48.7
10-Jan-10	17:53:00	50.9	52.8	48.2
10-Jan-10	17:58:00	51.4	53.8	48.3
10-Jan-10	18:03:00	51.5	53.5	48.7
10-Jan-10	18:08:00	53.7	54.5	48.8
10-Jan-10	18:13:00	50.6	52.5	48.1
10-Jan-10	18:18:00	51.1	52.5	48.3
10-Jan-10	18:23:00	52.6	53.6	48.3
10-Jan-10	18:28:00	51.9	54.1	48.6
10-Jan-10	18:33:00	51.5	53.7	49.2
10-Jan-10	18:38:00	50.6	52.7	48.2
10-Jan-10	18:43:00	50.7	52.5	48.6
10-Jan-10	18:48:00	54.2	56.5	50.1
10-Jan-10	18:53:00	53.5	57.7	48.6
10-Jan-10	18:58:00	52.5	54.9	49.4

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
10-Jan-10	19:03:00	50.5	52.4	48.5
10-Jan-10	19:08:00	50.4	52.7	48.0
10-Jan-10	19:13:00	49.5	51.3	47.5
10-Jan-10	19:18:00	49.1	50.3	47.4
10-Jan-10	19:23:00	49.7	51.4	47.9
10-Jan-10	19:28:00	50.1	52.2	47.8
10-Jan-10	19:33:00	51.4	54.2	48.6
10-Jan-10	19:38:00	50.2	51.9	48.0
10-Jan-10	19:43:00	49.6	51.8	47.3
10-Jan-10	19:48:00	51.5	53.8	48.4
10-Jan-10	19:53:00	49.2	50.9	47.2
10-Jan-10	19:58:00	51.2	53.6	48.2
10-Jan-10	20:03:00	50.3	51.0	47.3
10-Jan-10	20:08:00	50.9	52.7	48.4
10-Jan-10	20:13:00	50.1	52.9	47.2
10-Jan-10	20:18:00	50.3	53.1	47.2
10-Jan-10	20:23:00	48.6	49.8	47.0
10-Jan-10	20:28:00	52.9	56.8	47.1
10-Jan-10	20:33:00	48.8	49.9	47.0
10-Jan-10	20:38:00	49.0	50.8	46.9
10-Jan-10	20:43:00	51.1	52.0	47.1
10-Jan-10	20:48:00	53.1	55.3	47.4
10-Jan-10	20:53:00	48.8	50.1	47.2
10-Jan-10	20:58:00	49.5	51.4	47.2
10-Jan-10	21:03:00	49.2	50.8	47.2
10-Jan-10	21:08:00	49.1	50.5	47.4
10-Jan-10	21:13:00	53.3	57.3	48.3
10-Jan-10	21:18:00	54.2	56.9	50.5
10-Jan-10	21:23:00	48.8	50.1	47.2
10-Jan-10	21:28:00	49.6	51.2	47.0
10-Jan-10	21:33:00	49.2	50.7	47.4
10-Jan-10	21:38:00	54.8	57.8	49.5
10-Jan-10	21:43:00	51.0	53.7	48.0
10-Jan-10	21:48:00	49.6	51.7	47.2
10-Jan-10	21:53:00	51.4	53.7	47.8
10-Jan-10	21:58:00	48.7	50.3	46.3
10-Jan-10	22:03:00	48.0	48.9	46.1
10-Jan-10	22:08:00	47.8	48.9	46.3
10-Jan-10	22:13:00	48.1	49.7	46.3
10-Jan-10	22:18:00	48.4	49.9	46.4
10-Jan-10	22:23:00	46.8	47.7	45.7
10-Jan-10	22:28:00	47.5	48.9	45.9
10-Jan-10	22:33:00	51.7	54.7	46.7
10-Jan-10	22:38:00	48.4	49.7	46.5
10-Jan-10	22:43:00	48.3	49.7	46.8
10-Jan-10	22:48:00	48.2	49.8	46.6
10-Jan-10	22:53:00	47.9	49.6	46.0
10-Jan-10	22:58:00	50.1	51.9	48.0

Mean 54.2 56.9 49.5  
 Maximum 63.7 68.8 59.3  
 Minimum 46.8 47.7 45.7

## Appendix A2

### Evening Time and Holiday Noise Level at Mei Chun Court, South Horizons (M9)

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
11-Jan-10	19:03:00	53.6	56.0	49.3
11-Jan-10	19:08:00	51.9	54.0	48.9
11-Jan-10	19:13:00	51.4	53.7	48.5
11-Jan-10	19:18:00	51.5	53.3	48.1
11-Jan-10	19:23:00	49.7	52.0	47.2
11-Jan-10	19:28:00	53.5	56.4	47.9
11-Jan-10	19:33:00	53.6	55.9	48.7
11-Jan-10	19:38:00	53.5	57.1	47.8
11-Jan-10	19:43:00	60.3	61.1	49.1
11-Jan-10	19:48:00	66.2	64.0	47.4
11-Jan-10	19:53:00	55.3	55.8	47.3
11-Jan-10	19:58:00	52.8	54.7	49.1
11-Jan-10	20:03:00	50.1	51.9	48.0
11-Jan-10	20:08:00	51.7	54.2	47.2
11-Jan-10	20:13:00	51.6	54.1	47.6
11-Jan-10	20:18:00	49.4	51.5	46.5
11-Jan-10	20:23:00	48.9	50.7	46.2
11-Jan-10	20:28:00	57.3	60.3	47.6
11-Jan-10	20:33:00	52.3	54.6	48.6
11-Jan-10	20:38:00	53.3	56.0	49.6
11-Jan-10	20:43:00	50.9	52.5	48.6
11-Jan-10	20:48:00	49.7	51.8	47.2
11-Jan-10	20:53:00	48.9	51.1	46.5
11-Jan-10	20:58:00	51.6	51.9	46.8
11-Jan-10	21:03:00	51.2	53.3	46.8
11-Jan-10	21:08:00	52.6	55.6	47.2
11-Jan-10	21:13:00	50.1	52.9	46.9
11-Jan-10	21:18:00	48.0	49.6	46.2
11-Jan-10	21:23:00	48.6	50.3	46.3
11-Jan-10	21:28:00	49.0	50.9	46.9
11-Jan-10	21:33:00	53.8	58.1	46.7
11-Jan-10	21:38:00	54.7	56.3	52.5
11-Jan-10	21:43:00	49.8	51.8	47.1
11-Jan-10	21:48:00	48.7	50.3	46.5
11-Jan-10	21:53:00	48.9	50.4	46.4
11-Jan-10	21:58:00	48.8	50.0	47.1
11-Jan-10	22:03:00	48.8	50.2	46.4
11-Jan-10	22:08:00	52.9	52.4	46.5
11-Jan-10	22:13:00	47.5	48.8	46.0
11-Jan-10	22:18:00	48.1	49.4	46.1
11-Jan-10	22:23:00	47.9	49.6	46.1
11-Jan-10	22:28:00	52.5	56.0	48.0
11-Jan-10	22:33:00	49.9	52.8	46.2
11-Jan-10	22:38:00	49.7	52.4	45.9
11-Jan-10	22:43:00	57.3	62.1	48.2
11-Jan-10	22:48:00	48.2	49.6	46.5
11-Jan-10	22:53:00	53.1	57.4	46.5
11-Jan-10	22:58:00	53.8	57.3	49.0
		Mean	54.1	55.5
		Maximum	66.2	64.0
		Minimum	47.5	48.8

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
12-Jan-10	19:03:00	53.0	55.9	49.2
12-Jan-10	19:08:00	49.5	51.4	47.0
12-Jan-10	19:13:00	50.0	51.8	48.0
12-Jan-10	19:18:00	49.7	51.9	47.4
12-Jan-10	19:23:00	50.3	52.4	48.0
12-Jan-10	19:28:00	52.8	55.4	48.3
12-Jan-10	19:33:00	53.7	55.6	50.2
12-Jan-10	19:38:00	52.5	56.5	47.4
12-Jan-10	19:43:00	49.7	51.7	47.1
12-Jan-10	19:48:00	50.1	52.3	47.7
12-Jan-10	19:53:00	50.0	52.5	47.7
12-Jan-10	19:58:00	56.0	58.5	50.3
12-Jan-10	20:03:00	53.9	59.3	47.4
12-Jan-10	20:08:00	56.4	60.7	48.7
12-Jan-10	20:13:00	49.6	52.1	46.6
12-Jan-10	20:18:00	49.3	51.4	46.9
12-Jan-10	20:23:00	51.6	54.1	48.0
12-Jan-10	20:28:00	50.6	52.4	47.0
12-Jan-10	20:33:00	50.1	51.9	47.2
12-Jan-10	20:38:00	49.4	51.3	46.6
12-Jan-10	20:43:00	52.2	53.8	47.3
12-Jan-10	20:48:00	50.0	52.4	46.9
12-Jan-10	20:53:00	49.4	51.1	47.3
12-Jan-10	20:58:00	53.1	56.0	47.3
12-Jan-10	21:03:00	49.2	50.5	46.4
12-Jan-10	21:08:00	52.5	55.3	48.5
12-Jan-10	21:13:00	56.3	60.7	49.3
12-Jan-10	21:18:00	50.9	53.1	46.9
12-Jan-10	21:23:00	48.0	49.2	46.3
12-Jan-10	21:28:00	50.4	52.9	46.7
12-Jan-10	21:33:00	48.4	50.3	46.2
12-Jan-10	21:38:00	52.2	54.8	48.1
12-Jan-10	21:43:00	48.7	50.1	47.0
12-Jan-10	21:48:00	49.2	51.0	47.1
12-Jan-10	21:53:00	48.2	49.9	46.0
12-Jan-10	21:58:00	52.2	56.0	46.9
12-Jan-10	22:03:00	49.3	51.1	46.5
12-Jan-10	22:08:00	50.0	52.1	47.1
12-Jan-10	22:13:00	49.1	51.2	46.4
12-Jan-10	22:18:00	49.1	51.2	46.5
12-Jan-10	22:23:00	48.3	50.0	46.2
12-Jan-10	22:28:00	49.2	51.3	46.4
12-Jan-10	22:33:00	55.5	59.7	49.2
12-Jan-10	22:38:00	49.2	51.7	45.5
12-Jan-10	22:43:00	47.6	49.3	45.5
12-Jan-10	22:48:00	47.1	48.2	45.4
12-Jan-10	22:53:00	49.2	51.7	45.4
12-Jan-10	22:58:00	52.9	55.9	49.3
		Mean	51.4	54.4
		Maximum	56.4	60.7
		Minimum	47.1	48.2

## Appendix A2

### Evening Time and Holiday Noise Level at Mei Chun Court, South Horizons (M9)

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
13-Jan-10	19:03:00	56.1	54.4	48.6
13-Jan-10	19:08:00	53.7	56.1	51.0
13-Jan-10	19:13:00	51.8	53.9	48.6
13-Jan-10	19:18:00	50.4	52.5	47.5
13-Jan-10	19:23:00	49.7	51.2	47.9
13-Jan-10	19:28:00	53.7	58.0	47.4
13-Jan-10	19:33:00	56.3	60.3	50.2
13-Jan-10	19:38:00	53.8	56.8	49.2
13-Jan-10	19:43:00	51.2	52.9	47.5
13-Jan-10	19:48:00	53.5	55.8	50.2
13-Jan-10	19:53:00	49.4	51.1	47.2
13-Jan-10	19:58:00	55.2	57.5	52.4
13-Jan-10	20:03:00	52.0	53.8	49.2
13-Jan-10	20:08:00	51.2	53.6	48.4
13-Jan-10	20:13:00	52.6	54.8	48.8
13-Jan-10	20:18:00	53.7	54.8	51.8
13-Jan-10	20:23:00	54.3	55.9	50.2
13-Jan-10	20:28:00	50.6	52.7	48.2
13-Jan-10	20:33:00	50.7	52.5	48.4
13-Jan-10	20:38:00	52.7	54.7	48.5
13-Jan-10	20:43:00	53.2	55.8	49.6
13-Jan-10	20:48:00	52.8	54.2	48.7
13-Jan-10	20:53:00	50.5	52.3	48.0
13-Jan-10	20:58:00	54.1	57.3	49.2
13-Jan-10	21:03:00	53.2	57.0	49.0
13-Jan-10	21:08:00	51.9	54.6	49.0
13-Jan-10	21:13:00	55.6	59.5	47.5
13-Jan-10	21:18:00	53.3	56.8	47.3
13-Jan-10	21:23:00	49.5	50.8	48.0
13-Jan-10	21:28:00	51.1	53.8	48.1
13-Jan-10	21:33:00	51.5	55.1	47.0
13-Jan-10	21:38:00	59.0	63.0	52.0
13-Jan-10	21:43:00	50.8	52.3	48.8
13-Jan-10	21:48:00	50.5	52.1	48.3
13-Jan-10	21:53:00	52.2	53.5	49.6
13-Jan-10	21:58:00	52.7	55.2	49.5
13-Jan-10	22:03:00	49.2	50.5	47.2
13-Jan-10	22:08:00	48.7	50.4	47.0
13-Jan-10	22:13:00	50.0	52.3	47.0
13-Jan-10	22:18:00	50.0	51.5	48.1
13-Jan-10	22:23:00	50.2	51.7	48.4
13-Jan-10	22:28:00	49.1	50.9	47.0
13-Jan-10	22:33:00	55.4	59.4	46.2
13-Jan-10	22:38:00	48.5	50.0	46.3
13-Jan-10	22:43:00	51.8	52.7	46.1
13-Jan-10	22:48:00	48.4	49.7	47.0
13-Jan-10	22:53:00	48.5	49.9	46.8
13-Jan-10	22:58:00	57.0	60.8	48.2
		Mean	52.9	55.6
		Maximum	59.0	63.0
		Minimum	48.4	49.7

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
14-Jan-10	19:03:00	50.3	52.5	47.2
14-Jan-10	19:08:00	51.4	54.1	48.3
14-Jan-10	19:13:00	50.8	52.5	48.7
14-Jan-10	19:18:00	51.4	53.6	49.1
14-Jan-10	19:23:00	52.0	53.3	49.2
14-Jan-10	19:28:00	56.9	60.7	49.5
14-Jan-10	19:33:00	50.8	53.2	48.1
14-Jan-10	19:38:00	52.8	55.5	48.9
14-Jan-10	19:43:00	49.9	51.8	47.6
14-Jan-10	19:48:00	51.4	54.1	48.2
14-Jan-10	19:53:00	49.5	51.4	47.5
14-Jan-10	19:58:00	52.2	54.8	49.0
14-Jan-10	20:03:00	53.8	57.4	48.4
14-Jan-10	20:08:00	53.2	56.7	48.6
14-Jan-10	20:13:00	51.0	53.1	48.3
14-Jan-10	20:18:00	51.1	53.4	48.4
14-Jan-10	20:23:00	49.9	52.1	47.1
14-Jan-10	20:28:00	51.2	53.5	47.0
14-Jan-10	20:33:00	51.9	52.7	47.4
14-Jan-10	20:38:00	53.1	55.5	49.3
14-Jan-10	20:43:00	52.5	55.1	49.0
14-Jan-10	20:48:00	51.6	53.7	48.2
14-Jan-10	20:53:00	54.6	57.2	49.6
14-Jan-10	20:58:00	51.6	54.0	48.1
14-Jan-10	21:03:00	50.4	51.5	47.2
14-Jan-10	21:08:00	50.5	52.4	48.3
14-Jan-10	21:13:00	53.9	57.8	47.5
14-Jan-10	21:18:00	48.8	50.5	46.9
14-Jan-10	21:23:00	49.5	51.4	47.2
14-Jan-10	21:28:00	49.2	50.7	47.4
14-Jan-10	21:33:00	49.9	51.5	47.8
14-Jan-10	21:38:00	54.2	56.8	49.5
14-Jan-10	21:43:00	49.1	50.9	47.1
14-Jan-10	21:48:00	51.8	55.2	47.4
14-Jan-10	21:53:00	51.6	52.2	48.3
14-Jan-10	21:58:00	49.6	50.9	47.9
14-Jan-10	22:03:00	50.7	52.8	48.0
14-Jan-10	22:08:00	50.8	52.6	48.5
14-Jan-10	22:13:00	50.8	53.6	47.1
14-Jan-10	22:18:00	48.6	50.2	46.6
14-Jan-10	22:23:00	50.0	52.4	47.1
14-Jan-10	22:28:00	53.0	55.9	48.4
14-Jan-10	22:33:00	52.7	57.1	47.6
14-Jan-10	22:38:00	52.0	55.7	47.2
14-Jan-10	22:43:00	49.1	51.1	46.4
14-Jan-10	22:48:00	48.0	49.8	45.7
14-Jan-10	22:53:00	49.7	52.5	46.1
14-Jan-10	22:58:00	54.9	58.5	49.1
		Mean	51.7	54.4
		Maximum	56.9	60.7
		Minimum	48.0	49.8

## Appendix A2

### Evening Time and Holiday Noise Level at Mei Chun Court, South Horizons (M9)

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
15-Jan-10	19:03:00	56.5	55.2	49.2
15-Jan-10	19:08:00	50.7	52.3	47.8
15-Jan-10	19:13:00	49.9	51.6	47.3
15-Jan-10	19:18:00	49.7	51.5	47.5
15-Jan-10	19:23:00	57.0	60.8	50.0
15-Jan-10	19:28:00	51.5	54.2	48.1
15-Jan-10	19:33:00	52.5	54.4	50.1
15-Jan-10	19:38:00	51.9	55.4	47.2
15-Jan-10	19:43:00	49.0	50.4	47.0
15-Jan-10	19:48:00	50.9	53.2	47.4
15-Jan-10	19:53:00	52.4	55.8	47.5
15-Jan-10	19:58:00	56.4	60.2	49.2
15-Jan-10	20:03:00	50.0	51.5	48.2
15-Jan-10	20:08:00	50.4	51.7	48.3
15-Jan-10	20:13:00	51.9	53.9	49.1
15-Jan-10	20:18:00	57.4	61.5	49.6
15-Jan-10	20:23:00	51.9	53.9	49.0
15-Jan-10	20:28:00	51.3	52.1	47.4
15-Jan-10	20:33:00	51.4	53.7	47.7
15-Jan-10	20:38:00	48.4	49.8	46.8
15-Jan-10	20:43:00	49.5	51.5	47.0
15-Jan-10	20:48:00	49.8	52.1	46.7
15-Jan-10	20:53:00	49.4	51.6	47.0
15-Jan-10	20:58:00	49.9	52.3	47.1
15-Jan-10	21:03:00	49.7	51.2	48.0
15-Jan-10	21:08:00	50.4	52.3	48.1
15-Jan-10	21:13:00	55.5	58.4	51.0
15-Jan-10	21:18:00	50.5	52.6	48.0
15-Jan-10	21:23:00	49.3	51.0	47.3
15-Jan-10	21:28:00	50.4	51.7	48.2
15-Jan-10	21:33:00	50.9	53.4	47.4
15-Jan-10	21:38:00	51.5	54.1	48.2
15-Jan-10	21:43:00	49.3	50.9	47.2
15-Jan-10	21:48:00	54.3	59.1	47.6
15-Jan-10	21:53:00	49.3	50.7	47.5
15-Jan-10	21:58:00	53.3	56.8	48.1
15-Jan-10	22:03:00	50.0	52.4	47.0
15-Jan-10	22:08:00	49.9	52.5	47.0
15-Jan-10	22:13:00	51.0	53.9	47.3
15-Jan-10	22:18:00	53.9	56.5	49.6
15-Jan-10	22:23:00	54.7	56.4	47.8
15-Jan-10	22:28:00	53.8	56.0	48.0
15-Jan-10	22:33:00	56.1	59.3	48.9
15-Jan-10	22:38:00	52.0	54.6	48.0
15-Jan-10	22:43:00	52.9	54.9	49.6
15-Jan-10	22:48:00	51.9	54.3	47.6
15-Jan-10	22:53:00	53.2	55.7	48.6
15-Jan-10	22:58:00	54.7	56.7	49.9
		Mean	52.5	55.2
		Maximum	57.4	61.5
		Minimum	48.4	49.8

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
16-Jan-10	19:03:00	51.0	53.2	47.7
16-Jan-10	19:08:00	51.9	55.2	47.9
16-Jan-10	19:13:00	49.0	50.8	47.0
16-Jan-10	19:18:00	48.9	50.1	46.7
16-Jan-10	19:23:00	48.8	50.7	46.8
16-Jan-10	19:28:00	49.9	51.6	47.8
16-Jan-10	19:33:00	51.8	54.0	49.0
16-Jan-10	19:38:00	52.3	56.2	47.2
16-Jan-10	19:43:00	50.2	52.0	47.5
16-Jan-10	19:48:00	51.7	53.8	47.8
16-Jan-10	19:53:00	50.5	53.6	47.3
16-Jan-10	19:58:00	52.0	54.0	49.4
16-Jan-10	20:03:00	50.9	52.4	49.0
16-Jan-10	20:08:00	56.3	59.3	50.9
16-Jan-10	20:13:00	52.3	54.1	47.9
16-Jan-10	20:18:00	50.1	52.0	47.3
16-Jan-10	20:23:00	50.0	51.8	47.3
16-Jan-10	20:28:00	49.0	50.8	46.4
16-Jan-10	20:33:00	50.0	51.9	47.3
16-Jan-10	20:38:00	50.1	51.5	47.0
16-Jan-10	20:43:00	48.9	50.0	47.0
16-Jan-10	20:48:00	52.0	54.2	49.0
16-Jan-10	20:53:00	50.1	51.9	47.3
16-Jan-10	20:58:00	49.4	50.8	47.2
16-Jan-10	21:03:00	50.5	52.3	47.1
16-Jan-10	21:08:00	52.2	55.2	48.6
16-Jan-10	21:13:00	54.4	58.7	48.5
16-Jan-10	21:18:00	49.6	51.5	47.1
16-Jan-10	21:23:00	49.4	49.7	46.9
16-Jan-10	21:28:00	50.6	52.6	47.8
16-Jan-10	21:33:00	52.1	54.6	49.5
16-Jan-10	21:38:00	51.4	54.0	48.3
16-Jan-10	21:43:00	49.1	50.8	47.1
16-Jan-10	21:48:00	47.9	48.9	46.4
16-Jan-10	21:53:00	49.2	50.8	46.5
16-Jan-10	21:58:00	47.8	49.1	46.2
16-Jan-10	22:03:00	48.2	49.8	46.3
16-Jan-10	22:08:00	50.9	53.5	47.2
16-Jan-10	22:13:00	49.0	51.1	46.2
16-Jan-10	22:18:00	49.3	51.8	46.4
16-Jan-10	22:23:00	47.4	48.7	45.7
16-Jan-10	22:28:00	50.1	53.0	47.0
16-Jan-10	22:33:00	52.9	55.8	49.0
16-Jan-10	22:38:00	49.3	50.9	47.0
16-Jan-10	22:43:00	49.6	52.8	46.4
16-Jan-10	22:48:00	48.6	50.1	46.1
16-Jan-10	22:53:00	47.6	49.9	45.3
16-Jan-10	22:58:00	51.2	53.5	47.5
		Mean	50.7	53.1
		Maximum	56.3	59.3
		Minimum	47.4	48.7

## Appendix A2

### Evening Time and Holiday Noise Level at Mei Chun Court, South Horizons (M9)

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
17-Jan-10	07:03:00	52.7	55.3	46.3
17-Jan-10	07:08:00	51.2	55.2	46.5
17-Jan-10	07:13:00	52.3	54.5	48.4
17-Jan-10	07:18:00	48.6	50.2	46.1
17-Jan-10	07:23:00	57.7	62.3	47.1
17-Jan-10	07:28:00	51.0	53.2	47.7
17-Jan-10	07:33:00	50.9	52.8	46.2
17-Jan-10	07:38:00	51.9	55.6	46.4
17-Jan-10	07:43:00	49.6	51.4	46.6
17-Jan-10	07:48:00	55.3	58.8	47.2
17-Jan-10	07:53:00	52.1	52.8	47.2
17-Jan-10	07:58:00	52.7	55.2	48.0
17-Jan-10	08:03:00	53.2	56.3	48.0
17-Jan-10	08:08:00	56.7	60.1	49.1
17-Jan-10	08:13:00	51.5	53.7	48.9
17-Jan-10	08:18:00	52.2	54.8	48.5
17-Jan-10	08:23:00	54.9	58.6	48.1
17-Jan-10	08:28:00	52.5	53.8	48.0
17-Jan-10	08:33:00	50.9	52.6	47.5
17-Jan-10	08:38:00	52.9	54.7	48.6
17-Jan-10	08:43:00	54.5	56.6	50.2
17-Jan-10	08:48:00	57.7	60.9	50.4
17-Jan-10	08:53:00	62.3	64.5	59.3
17-Jan-10	08:58:00	58.8	62.0	50.9
17-Jan-10	09:03:00	51.1	52.8	49.0
17-Jan-10	09:08:00	54.4	58.2	49.6
17-Jan-10	09:13:00	54.4	58.4	49.2
17-Jan-10	09:18:00	52.3	55.0	48.5
17-Jan-10	09:23:00	51.8	54.0	48.7
17-Jan-10	09:28:00	52.3	55.3	48.9
17-Jan-10	09:33:00	51.9	54.3	49.1
17-Jan-10	09:38:00	53.9	57.3	49.4
17-Jan-10	09:43:00	52.4	53.6	48.4
17-Jan-10	09:48:00	51.0	53.1	48.3
17-Jan-10	09:53:00	55.6	58.8	50.3
17-Jan-10	09:58:00	52.5	54.1	49.4
17-Jan-10	10:03:00	52.4	54.8	48.8
17-Jan-10	10:08:00	54.5	57.1	50.1
17-Jan-10	10:13:00	52.2	54.5	49.3
17-Jan-10	10:18:00	52.4	55.5	49.4
17-Jan-10	10:23:00	53.7	55.9	50.3
17-Jan-10	10:28:00	53.0	54.7	51.0
17-Jan-10	10:33:00	54.1	56.7	50.5
17-Jan-10	10:38:00	51.3	52.9	49.1
17-Jan-10	10:43:00	52.5	53.7	50.8
17-Jan-10	10:48:00	51.8	53.9	49.3
17-Jan-10	10:53:00	52.2	54.2	48.5
17-Jan-10	10:58:00	52.2	54.3	50.1

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
17-Jan-10	11:03:00	51.8	54.2	49.0
17-Jan-10	11:08:00	52.1	54.3	48.5
17-Jan-10	11:13:00	51.2	52.6	49.4
17-Jan-10	11:18:00	62.8	67.2	52.3
17-Jan-10	11:23:00	55.7	58.2	51.2
17-Jan-10	11:28:00	60.2	62.0	53.4
17-Jan-10	11:33:00	55.1	56.0	53.3
17-Jan-10	11:38:00	55.5	56.7	53.1
17-Jan-10	11:43:00	54.6	55.8	53.0
17-Jan-10	11:48:00	55.4	57.6	53.1
17-Jan-10	11:53:00	55.4	56.8	53.4
17-Jan-10	11:58:00	56.6	58.6	53.6
17-Jan-10	12:03:00	56.5	59.3	53.8
17-Jan-10	12:08:00	60.9	62.4	58.8
17-Jan-10	12:13:00	56.9	60.8	49.1
17-Jan-10	12:18:00	54.6	54.0	47.6
17-Jan-10	12:23:00	52.2	54.8	48.0
17-Jan-10	12:28:00	53.2	55.8	47.7
17-Jan-10	12:33:00	52.3	53.6	47.8
17-Jan-10	12:38:00	51.7	54.1	48.2
17-Jan-10	12:43:00	50.2	52.0	47.7
17-Jan-10	12:48:00	52.5	55.6	49.2
17-Jan-10	12:53:00	53.0	57.0	48.4
17-Jan-10	12:58:00	52.3	53.8	50.3
17-Jan-10	13:03:00	54.6	55.9	53.0
17-Jan-10	13:08:00	55.7	56.7	52.8
17-Jan-10	13:13:00	55.4	56.8	53.5
17-Jan-10	13:18:00	55.6	57.3	53.1
17-Jan-10	13:23:00	54.9	56.4	53.2
17-Jan-10	13:28:00	54.7	56.0	53.1
17-Jan-10	13:33:00	55.3	57.2	53.1
17-Jan-10	13:38:00	55.1	56.5	53.3
17-Jan-10	13:43:00	54.8	56.6	52.7
17-Jan-10	13:48:00	55.6	57.7	53.0
17-Jan-10	13:53:00	56.0	58.4	53.0
17-Jan-10	13:58:00	60.8	61.9	59.0
17-Jan-10	14:03:00	56.4	60.0	48.9
17-Jan-10	14:08:00	51.9	53.5	48.7
17-Jan-10	14:13:00	52.2	54.9	48.5
17-Jan-10	14:18:00	52.6	54.7	50.1
17-Jan-10	14:23:00	53.4	55.7	49.4
17-Jan-10	14:28:00	56.5	59.2	50.3
17-Jan-10	14:33:00	54.2	57.3	49.5
17-Jan-10	14:38:00	55.2	58.2	50.1
17-Jan-10	14:43:00	53.5	55.6	49.7
17-Jan-10	14:48:00	53.2	55.3	48.7
17-Jan-10	14:53:00	50.1	52.0	48.0
17-Jan-10	14:58:00	51.1	53.3	48.1

## Appendix A2

### Evening Time and Holiday Noise Level at Mei Chun Court, South Horizons (M9)

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
17-Jan-10	15:03:00	52.2	54.5	48.4
17-Jan-10	15:08:00	51.7	53.9	49.1
17-Jan-10	15:13:00	60.7	63.7	51.4
17-Jan-10	15:18:00	61.6	66.1	51.7
17-Jan-10	15:23:00	55.6	59.1	51.1
17-Jan-10	15:28:00	53.3	54.9	49.6
17-Jan-10	15:33:00	51.3	53.4	48.2
17-Jan-10	15:38:00	55.3	57.7	48.8
17-Jan-10	15:43:00	56.7	58.7	53.5
17-Jan-10	15:48:00	52.6	54.3	49.7
17-Jan-10	15:53:00	51.8	54.8	48.2
17-Jan-10	15:58:00	61.0	63.0	56.5
17-Jan-10	16:03:00	56.7	60.4	50.9
17-Jan-10	16:08:00	53.6	55.6	51.1
17-Jan-10	16:13:00	51.8	53.6	49.2
17-Jan-10	16:18:00	52.0	53.5	48.2
17-Jan-10	16:23:00	50.3	52.2	47.6
17-Jan-10	16:28:00	53.2	55.4	50.0
17-Jan-10	16:33:00	55.4	57.7	51.8
17-Jan-10	16:38:00	53.5	54.9	50.1
17-Jan-10	16:43:00	53.1	55.4	49.9
17-Jan-10	16:48:00	58.1	58.1	51.0
17-Jan-10	16:53:00	59.3	61.8	49.8
17-Jan-10	16:58:00	51.6	53.5	48.5
17-Jan-10	17:03:00	52.4	54.7	49.4
17-Jan-10	17:08:00	55.2	56.4	51.0
17-Jan-10	17:13:00	52.8	54.4	50.7
17-Jan-10	17:18:00	51.8	53.6	48.9
17-Jan-10	17:23:00	53.6	55.9	49.8
17-Jan-10	17:28:00	52.8	54.6	50.2
17-Jan-10	17:33:00	53.4	55.4	49.7
17-Jan-10	17:38:00	55.3	57.0	49.6
17-Jan-10	17:43:00	52.6	54.2	49.2
17-Jan-10	17:48:00	52.9	55.5	48.5
17-Jan-10	17:53:00	52.1	54.4	49.2
17-Jan-10	17:58:00	52.3	54.8	49.0
17-Jan-10	18:03:00	55.4	57.8	50.0
17-Jan-10	18:08:00	53.0	54.7	51.0
17-Jan-10	18:13:00	53.5	55.7	50.2
17-Jan-10	18:18:00	55.6	57.6	52.5
17-Jan-10	18:23:00	58.7	61.7	54.0
17-Jan-10	18:28:00	56.6	59.1	53.3
17-Jan-10	18:33:00	55.0	56.3	51.9
17-Jan-10	18:38:00	53.1	54.8	51.1
17-Jan-10	18:43:00	53.1	55.3	50.3
17-Jan-10	18:48:00	55.3	57.5	51.0
17-Jan-10	18:53:00	52.8	54.5	50.7
17-Jan-10	18:58:00	52.7	55.5	49.2

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
17-Jan-10	19:03:00	51.8	53.8	48.8
17-Jan-10	19:08:00	51.3	53.4	49.0
17-Jan-10	19:13:00	53.0	55.1	49.8
17-Jan-10	19:18:00	52.0	54.3	49.1
17-Jan-10	19:23:00	50.7	52.3	47.9
17-Jan-10	19:28:00	52.2	55.1	47.9
17-Jan-10	19:33:00	53.4	55.9	49.0
17-Jan-10	19:38:00	50.1	52.0	47.8
17-Jan-10	19:43:00	49.7	51.6	47.4
17-Jan-10	19:48:00	50.2	52.4	47.9
17-Jan-10	19:53:00	53.5	56.0	49.1
17-Jan-10	19:58:00	54.4	56.9	51.0
17-Jan-10	20:03:00	53.1	55.9	49.0
17-Jan-10	20:08:00	51.9	54.5	48.2
17-Jan-10	20:13:00	51.4	54.2	48.0
17-Jan-10	20:18:00	49.8	51.9	47.4
17-Jan-10	20:23:00	53.1	55.0	50.1
17-Jan-10	20:28:00	50.3	52.5	47.3
17-Jan-10	20:33:00	50.8	53.9	47.3
17-Jan-10	20:38:00	57.0	60.9	50.2
17-Jan-10	20:43:00	50.2	51.7	47.6
17-Jan-10	20:48:00	50.8	51.7	47.2
17-Jan-10	20:53:00	54.7	57.7	49.1
17-Jan-10	20:58:00	50.1	51.7	48.1
17-Jan-10	21:03:00	52.2	54.4	49.0
17-Jan-10	21:08:00	52.8	55.2	49.4
17-Jan-10	21:13:00	53.2	57.7	47.9
17-Jan-10	21:18:00	52.1	54.5	49.2
17-Jan-10	21:23:00	50.7	51.9	48.1
17-Jan-10	21:28:00	50.3	52.1	47.5
17-Jan-10	21:33:00	55.1	58.8	47.4
17-Jan-10	21:38:00	55.1	58.2	49.4
17-Jan-10	21:43:00	50.6	52.8	47.8
17-Jan-10	21:48:00	50.4	51.9	48.1
17-Jan-10	21:53:00	55.5	59.8	49.4
17-Jan-10	21:58:00	51.5	53.1	49.0
17-Jan-10	22:03:00	53.9	55.8	50.0
17-Jan-10	22:08:00	51.8	52.9	50.2
17-Jan-10	22:13:00	54.7	56.1	53.1
17-Jan-10	22:18:00	52.4	54.6	49.1
17-Jan-10	22:23:00	50.3	52.8	47.8
17-Jan-10	22:28:00	53.0	55.4	50.1
17-Jan-10	22:33:00	53.4	57.3	48.7
17-Jan-10	22:38:00	49.3	50.7	47.4
17-Jan-10	22:43:00	50.6	52.3	49.0
17-Jan-10	22:48:00	50.7	52.9	48.1
17-Jan-10	22:53:00	56.3	59.9	51.8
17-Jan-10	22:58:00	56.6	58.8	53.3

Mean 54.5 57.1 50.5  
 Maximum 62.8 67.2 59.3  
 Minimum 48.6 50.2 46.1

## Appendix A2

### Evening Time and Holiday Noise Level at Mei Chun Court, South Horizons (M9)

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
18-Jan-10	19:03:00	53.6	55.7	49.4
18-Jan-10	19:08:00	53.3	56.4	50.0
18-Jan-10	19:13:00	51.1	52.7	49.0
18-Jan-10	19:18:00	51.4	53.2	49.0
18-Jan-10	19:23:00	50.3	52.4	48.1
18-Jan-10	19:28:00	52.5	54.1	49.4
18-Jan-10	19:33:00	54.1	57.0	50.4
18-Jan-10	19:38:00	54.0	57.4	50.0
18-Jan-10	19:43:00	55.9	59.1	51.1
18-Jan-10	19:48:00	49.9	51.8	47.4
18-Jan-10	19:53:00	53.0	56.8	47.6
18-Jan-10	19:58:00	53.8	55.8	49.2
18-Jan-10	20:03:00	55.0	55.4	48.8
18-Jan-10	20:08:00	51.1	53.6	47.6
18-Jan-10	20:13:00	52.5	55.1	48.1
18-Jan-10	20:18:00	50.2	52.1	47.5
18-Jan-10	20:23:00	55.0	57.0	48.3
18-Jan-10	20:28:00	53.8	58.6	47.3
18-Jan-10	20:33:00	49.8	52.1	47.1
18-Jan-10	20:38:00	48.2	49.1	46.4
18-Jan-10	20:43:00	49.6	51.4	47.4
18-Jan-10	20:48:00	49.8	51.7	47.2
18-Jan-10	20:53:00	49.9	52.3	47.2
18-Jan-10	20:58:00	50.1	52.1	47.2
18-Jan-10	21:03:00	49.9	52.3	46.4
18-Jan-10	21:08:00	49.5	50.9	47.7
18-Jan-10	21:13:00	52.7	55.9	48.2
18-Jan-10	21:18:00	48.3	49.8	46.5
18-Jan-10	21:23:00	50.3	52.3	47.0
18-Jan-10	21:28:00	49.4	51.1	47.3
18-Jan-10	21:33:00	50.3	52.7	47.2
18-Jan-10	21:38:00	51.1	54.0	47.5
18-Jan-10	21:43:00	50.1	52.5	47.0
18-Jan-10	21:48:00	50.0	52.4	47.4
18-Jan-10	21:53:00	48.5	50.0	46.7
18-Jan-10	21:58:00	50.4	53.3	46.8
18-Jan-10	22:03:00	49.9	51.5	47.7
18-Jan-10	22:08:00	49.0	50.6	47.2
18-Jan-10	22:13:00	49.2	50.7	47.1
18-Jan-10	22:18:00	50.2	52.0	47.6
18-Jan-10	22:23:00	48.4	49.9	46.5
18-Jan-10	22:28:00	50.6	53.7	46.5
18-Jan-10	22:33:00	52.2	56.5	46.1
18-Jan-10	22:38:00	47.9	49.7	46.1
18-Jan-10	22:43:00	47.4	48.7	45.7
18-Jan-10	22:48:00	48.2	49.6	46.6
18-Jan-10	22:53:00	48.2	49.6	46.2
18-Jan-10	22:58:00	51.7	54.7	48.0
		Mean	51.4	53.9
		Maximum	55.9	59.1
		Minimum	47.4	48.7

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
19-Jan-10	19:03:00	49.9	51.8	47.7
19-Jan-10	19:08:00	52.4	55.1	48.3
19-Jan-10	19:13:00	52.6	52.1	47.4
19-Jan-10	19:18:00	50.2	52.1	48.0
19-Jan-10	19:23:00	50.3	52.2	48.3
19-Jan-10	19:28:00	51.2	53.3	49.0
19-Jan-10	19:33:00	55.1	57.7	51.0
19-Jan-10	19:38:00	53.3	56.2	49.2
19-Jan-10	19:43:00	50.2	52.3	47.4
19-Jan-10	19:48:00	49.5	51.3	47.3
19-Jan-10	19:53:00	50.6	52.6	48.2
19-Jan-10	19:58:00	53.4	55.7	50.0
19-Jan-10	20:03:00	52.1	53.8	49.9
19-Jan-10	20:08:00	53.3	56.0	49.3
19-Jan-10	20:13:00	51.9	54.5	48.5
19-Jan-10	20:18:00	49.6	51.6	47.2
19-Jan-10	20:23:00	48.5	50.1	46.5
19-Jan-10	20:28:00	49.4	51.1	46.7
19-Jan-10	20:33:00	50.5	52.9	47.2
19-Jan-10	20:38:00	50.7	52.3	47.3
19-Jan-10	20:43:00	51.5	54.0	47.9
19-Jan-10	20:48:00	51.9	53.5	49.4
19-Jan-10	20:53:00	51.5	53.8	47.7
19-Jan-10	20:58:00	50.3	52.4	48.2
19-Jan-10	21:03:00	49.1	50.7	46.8
19-Jan-10	21:08:00	48.9	50.1	47.2
19-Jan-10	21:13:00	53.7	58.0	48.1
19-Jan-10	21:18:00	50.3	52.0	47.7
19-Jan-10	21:23:00	48.7	50.2	47.1
19-Jan-10	21:28:00	52.6	55.8	47.3
19-Jan-10	21:33:00	49.7	51.2	46.9
19-Jan-10	21:38:00	54.1	57.2	49.4
19-Jan-10	21:43:00	49.4	50.8	47.8
19-Jan-10	21:48:00	49.2	50.5	47.4
19-Jan-10	21:53:00	51.5	53.4	47.8
19-Jan-10	21:58:00	49.1	50.9	46.8
19-Jan-10	22:03:00	49.2	50.6	47.5
19-Jan-10	22:08:00	49.6	51.0	47.7
19-Jan-10	22:13:00	49.6	51.0	47.8
19-Jan-10	22:18:00	48.0	49.8	46.1
19-Jan-10	22:23:00	49.1	51.2	46.5
19-Jan-10	22:28:00	48.2	49.7	46.5
19-Jan-10	22:33:00	54.1	57.3	49.0
19-Jan-10	22:38:00	49.7	51.8	47.1
19-Jan-10	22:43:00	49.4	51.6	47.0
19-Jan-10	22:48:00	48.6	50.4	46.8
19-Jan-10	22:53:00	49.5	52.4	47.0
19-Jan-10	22:58:00	51.6	53.7	48.9
		Mean	51.1	53.3
		Maximum	55.1	58.0
		Minimum	48.0	49.7

Evening Time and Holiday Noise Level at Mei Chun Court, South Horizons (M9)			
	Leq	L10	L90
Mean	53.1	55.6	48.9
Max	66.2	68.8	59.3
Min	46.8	47.7	45.0

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**APPENDIX A3**  
**Night-time Baseline Monitoring Data**

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## **Appendix A3**

### **Night Time Noise Level at Mei Chun Court, South Horizons (M9)**

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
6-Jan-10	00:03:00	47.4	48.9	45.7
6-Jan-10	00:08:00	48.0	49.7	45.6
6-Jan-10	00:13:00	47.0	47.9	45.6
6-Jan-10	00:18:00	46.9	48.2	45.5
6-Jan-10	00:23:00	46.6	48.1	45.1
6-Jan-10	00:28:00	47.2	48.5	45.7
6-Jan-10	00:33:00	46.7	47.9	45.3
6-Jan-10	00:38:00	46.3	47.0	45.2
6-Jan-10	00:43:00	49.6	52.4	46.1
6-Jan-10	00:48:00	46.9	48.1	45.5
6-Jan-10	00:53:00	46.5	47.5	45.1
6-Jan-10	00:58:00	47.0	48.0	45.6
6-Jan-10	01:03:00	47.3	48.7	45.8
6-Jan-10	01:08:00	47.4	48.7	46.0
6-Jan-10	01:13:00	47.2	48.8	45.4
6-Jan-10	01:18:00	47.3	48.5	46.0
6-Jan-10	01:23:00	47.2	48.4	45.7
6-Jan-10	01:28:00	47.1	48.7	45.5
6-Jan-10	01:33:00	47.9	49.7	45.7
6-Jan-10	01:38:00	46.4	47.3	45.2
6-Jan-10	01:43:00	48.3	50.3	46.1
6-Jan-10	01:48:00	48.0	49.9	46.1
6-Jan-10	01:53:00	46.5	47.5	45.3
6-Jan-10	01:58:00	47.0	48.5	45.4
6-Jan-10	02:03:00	46.3	47.4	45.1
6-Jan-10	02:08:00	46.2	46.9	45.1
6-Jan-10	02:13:00	45.9	46.8	44.8
6-Jan-10	02:18:00	45.6	46.4	44.4
6-Jan-10	02:23:00	46.2	47.6	44.7
6-Jan-10	02:28:00	45.9	46.8	44.5
6-Jan-10	02:33:00	46.0	46.9	44.7
6-Jan-10	02:38:00	45.9	46.9	44.5
6-Jan-10	02:43:00	46.8	48.3	45.1
6-Jan-10	02:48:00	47.1	48.7	45.1
6-Jan-10	02:53:00	46.2	46.9	45.0
6-Jan-10	02:58:00	46.5	47.5	45.1
6-Jan-10	03:03:00	45.8	46.7	44.6
6-Jan-10	03:08:00	46.6	47.8	45.3
6-Jan-10	03:13:00	46.6	47.7	45.2
6-Jan-10	03:18:00	46.8	47.8	45.3
6-Jan-10	03:23:00	46.4	47.6	44.8
6-Jan-10	03:28:00	46.0	47.6	44.3
6-Jan-10	03:33:00	48.0	50.5	45.0
6-Jan-10	03:38:00	45.9	46.9	44.5
6-Jan-10	03:43:00	48.7	50.2	47.1
6-Jan-10	03:48:00	48.8	50.6	47.0
6-Jan-10	03:53:00	49.4	50.8	47.6
6-Jan-10	03:58:00	48.9	49.8	47.7
6-Jan-10	04:03:00	47.5	48.6	46.3
6-Jan-10	04:08:00	46.5	47.5	45.5
6-Jan-10	04:13:00	47.8	49.1	45.5

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
6-Jan-10	04:18:00	49.4	52.5	45.6
6-Jan-10	04:23:00	47.0	48.8	45.0
6-Jan-10	04:28:00	45.2	45.9	44.2
6-Jan-10	04:33:00	45.2	46.4	44.1
6-Jan-10	04:38:00	45.5	46.7	44.3
6-Jan-10	04:43:00	45.6	46.7	44.3
6-Jan-10	04:48:00	45.2	45.9	44.2
6-Jan-10	04:53:00	46.9	48.8	45.1
6-Jan-10	04:58:00	46.9	48.9	44.4
6-Jan-10	05:03:00	45.1	45.9	44.2
6-Jan-10	05:08:00	48.0	50.8	44.9
6-Jan-10	05:13:00	46.8	48.6	45.0
6-Jan-10	05:18:00	52.7	55.7	47.8
6-Jan-10	05:23:00	47.5	49.3	45.3
6-Jan-10	05:28:00	46.5	47.9	45.1
6-Jan-10	05:33:00	46.3	47.3	45.2
6-Jan-10	05:38:00	49.0	51.5	45.9
6-Jan-10	05:43:00	47.3	48.6	46.1
6-Jan-10	05:48:00	47.2	48.5	46.0
6-Jan-10	05:53:00	48.6	50.2	46.6
6-Jan-10	05:58:00	48.4	49.8	46.9
6-Jan-10	06:03:00	49.4	51.9	46.3
6-Jan-10	06:08:00	47.7	49.3	45.7
6-Jan-10	06:13:00	51.1	53.6	47.7
6-Jan-10	06:18:00	50.3	53.3	46.5
6-Jan-10	06:23:00	53.3	56.8	47.1
6-Jan-10	06:28:00	49.0	51.2	46.3
6-Jan-10	06:33:00	48.8	50.6	46.2
6-Jan-10	06:38:00	47.9	49.5	46.0
6-Jan-10	06:43:00	49.1	51.3	46.4
6-Jan-10	06:48:00	52.3	55.3	48.1
6-Jan-10	06:53:00	51.2	53.6	47.6
6-Jan-10	06:58:00	53.0	54.9	47.3
6-Jan-10	23:03:00	49.4	52.0	46.1
6-Jan-10	23:08:00	47.6	49.2	45.8
6-Jan-10	23:13:00	47.0	49.0	44.7
6-Jan-10	23:18:00	47.8	50.2	45.3
6-Jan-10	23:23:00	46.9	47.8	44.7
6-Jan-10	23:28:00	45.9	47.1	44.5
6-Jan-10	23:33:00	47.5	50.3	44.6
6-Jan-10	23:38:00	49.0	51.8	46.0
6-Jan-10	23:43:00	52.2	56.0	46.1
6-Jan-10	23:48:00	47.5	48.7	45.1
6-Jan-10	23:53:00	47.1	47.9	44.9
6-Jan-10	23:58:00	47.0	48.5	45.3

Mean                    48.0                    49.9                    45.6  
 Maximum                53.3                    56.8                    48.1  
 Minimum                45.1                    45.9                    44.1

## **Appendix A3**

### **Night Time Noise Level at Mei Chun Court, South Horizons (M9)**

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
7-Jan-10	00:03:00	47.7	49.6	45.3
7-Jan-10	00:08:00	51.7	53.9	48.6
7-Jan-10	00:13:00	48.5	50.8	46.1
7-Jan-10	00:18:00	50.9	52.6	48.7
7-Jan-10	00:23:00	54.2	57.9	47.0
7-Jan-10	00:28:00	46.2	47.2	44.9
7-Jan-10	00:33:00	48.2	52.4	45.0
7-Jan-10	00:38:00	48.3	49.8	46.1
7-Jan-10	00:43:00	47.0	48.2	45.5
7-Jan-10	00:48:00	45.7	46.7	44.4
7-Jan-10	00:53:00	46.4	47.4	45.2
7-Jan-10	00:58:00	52.6	56.3	46.8
7-Jan-10	01:03:00	46.7	48.0	45.2
7-Jan-10	01:08:00	48.0	49.6	46.0
7-Jan-10	01:13:00	49.1	51.7	46.0
7-Jan-10	01:18:00	52.1	56.2	46.1
7-Jan-10	01:23:00	48.7	51.9	45.8
7-Jan-10	01:28:00	48.0	49.8	46.2
7-Jan-10	01:33:00	54.5	58.7	47.6
7-Jan-10	01:38:00	47.2	49.3	45.3
7-Jan-10	01:43:00	47.9	49.8	45.9
7-Jan-10	01:48:00	47.7	49.7	45.7
7-Jan-10	01:53:00	52.8	56.7	46.5
7-Jan-10	01:58:00	47.8	49.7	45.6
7-Jan-10	02:03:00	47.5	48.6	45.7
7-Jan-10	02:08:00	46.5	47.6	45.2
7-Jan-10	02:13:00	46.1	47.1	44.6
7-Jan-10	02:18:00	47.5	49.6	45.3
7-Jan-10	02:23:00	46.4	48.0	44.8
7-Jan-10	02:28:00	45.5	46.4	44.4
7-Jan-10	02:33:00	45.5	46.3	44.3
7-Jan-10	02:38:00	45.7	46.7	44.5
7-Jan-10	02:43:00	46.5	47.5	45.2
7-Jan-10	02:48:00	46.2	47.1	45.1
7-Jan-10	02:53:00	50.6	53.1	46.6
7-Jan-10	02:58:00	47.1	48.5	45.3
7-Jan-10	03:03:00	47.0	48.8	45.2
7-Jan-10	03:08:00	45.5	46.3	44.4
7-Jan-10	03:13:00	45.8	46.9	44.5
7-Jan-10	03:18:00	45.7	46.7	44.5
7-Jan-10	03:23:00	46.3	47.6	45.0
7-Jan-10	03:28:00	47.0	48.8	45.2
7-Jan-10	03:33:00	49.8	51.7	47.9
7-Jan-10	03:38:00	47.6	48.9	46.1
7-Jan-10	03:43:00	47.2	48.5	45.8
7-Jan-10	03:48:00	46.4	47.8	44.7
7-Jan-10	03:53:00	45.8	46.3	44.3
7-Jan-10	03:58:00	45.5	46.3	44.3
7-Jan-10	04:03:00	48.4	51.8	44.7
7-Jan-10	04:08:00	55.2	58.0	49.3
7-Jan-10	04:13:00	47.4	48.9	45.5

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
7-Jan-10	04:18:00	47.5	50.3	45.1
7-Jan-10	04:23:00	45.7	46.6	44.8
7-Jan-10	04:28:00	46.1	46.8	44.8
7-Jan-10	04:33:00	45.8	46.7	45.0
7-Jan-10	04:38:00	45.6	46.3	44.6
7-Jan-10	04:43:00	49.9	52.4	46.2
7-Jan-10	04:48:00	45.7	46.6	44.4
7-Jan-10	04:53:00	46.1	47.6	44.6
7-Jan-10	04:58:00	48.7	52.1	45.1
7-Jan-10	05:03:00	48.6	50.4	46.1
7-Jan-10	05:08:00	46.7	47.6	45.2
7-Jan-10	05:13:00	46.2	47.0	45.0
7-Jan-10	05:18:00	46.1	46.8	45.1
7-Jan-10	05:23:00	49.8	52.4	45.4
7-Jan-10	05:28:00	48.6	51.1	45.5
7-Jan-10	05:33:00	45.8	46.8	44.4
7-Jan-10	05:38:00	45.7	46.8	44.2
7-Jan-10	05:43:00	46.5	48.2	44.3
7-Jan-10	05:48:00	46.8	48.5	45.0
7-Jan-10	05:53:00	48.4	50.4	46.4
7-Jan-10	05:58:00	47.9	50.4	45.5
7-Jan-10	06:03:00	51.6	53.9	48.6
7-Jan-10	06:08:00	56.1	60.2	48.2
7-Jan-10	06:13:00	52.2	55.5	46.8
7-Jan-10	06:18:00	49.3	50.8	47.5
7-Jan-10	06:23:00	54.6	59.0	46.9
7-Jan-10	06:28:00	49.4	51.8	46.4
7-Jan-10	06:33:00	51.4	54.7	47.0
7-Jan-10	06:38:00	51.7	54.2	48.5
7-Jan-10	06:43:00	50.2	52.4	47.5
7-Jan-10	06:48:00	52.1	54.5	49.1
7-Jan-10	06:53:00	50.2	52.7	47.5
7-Jan-10	06:58:00	50.6	52.8	47.2
7-Jan-10	23:03:00	48.2	49.9	46.2
7-Jan-10	23:08:00	47.7	48.9	46.1
7-Jan-10	23:13:00	54.8	55.2	46.5
7-Jan-10	23:18:00	47.3	48.6	45.3
7-Jan-10	23:23:00	47.5	49.0	45.2
7-Jan-10	23:28:00	47.1	49.0	45.1
7-Jan-10	23:33:00	47.6	48.8	46.2
7-Jan-10	23:38:00	49.8	53.4	46.1
7-Jan-10	23:43:00	50.1	53.0	46.6
7-Jan-10	23:48:00	46.8	47.7	45.5
7-Jan-10	23:53:00	48.2	50.3	46.0
7-Jan-10	23:58:00	47.1	48.4	45.5

Mean 49.2 51.8 46.0  
 Maximum 56.1 60.2 49.3  
 Minimum 45.5 46.3 44.2

## **Appendix A3**

### **Night Time Noise Level at Mei Chun Court, South Horizons (M9)**

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
8-Jan-10	00:03:00	47.2	48.5	45.7
8-Jan-10	00:08:00	49.8	51.5	48.0
8-Jan-10	00:13:00	48.3	49.5	47.0
8-Jan-10	00:18:00	51.2	53.6	47.9
8-Jan-10	00:23:00	49.8	52.6	46.3
8-Jan-10	00:28:00	51.6	54.0	48.1
8-Jan-10	00:33:00	48.1	49.6	46.2
8-Jan-10	00:38:00	47.7	48.8	46.2
8-Jan-10	00:43:00	49.5	51.2	47.1
8-Jan-10	00:48:00	48.0	49.4	46.4
8-Jan-10	00:53:00	47.7	48.8	46.2
8-Jan-10	00:58:00	47.0	47.9	45.6
8-Jan-10	01:03:00	47.1	48.2	45.6
8-Jan-10	01:08:00	47.3	48.0	46.1
8-Jan-10	01:13:00	46.9	47.9	45.9
8-Jan-10	01:18:00	48.1	49.4	46.4
8-Jan-10	01:23:00	48.9	50.2	47.3
8-Jan-10	01:28:00	49.8	51.7	47.5
8-Jan-10	01:33:00	47.5	48.3	46.0
8-Jan-10	01:38:00	48.5	49.7	46.7
8-Jan-10	01:43:00	48.1	48.8	46.1
8-Jan-10	01:48:00	49.2	51.4	46.3
8-Jan-10	01:53:00	52.0	55.1	47.2
8-Jan-10	01:58:00	47.1	47.9	46.0
8-Jan-10	02:03:00	47.2	47.9	45.8
8-Jan-10	02:08:00	47.1	47.9	45.8
8-Jan-10	02:13:00	49.0	50.6	47.2
8-Jan-10	02:18:00	49.7	51.5	47.4
8-Jan-10	02:23:00	49.0	51.0	47.1
8-Jan-10	02:28:00	48.8	50.7	46.5
8-Jan-10	02:33:00	47.6	48.8	46.0
8-Jan-10	02:38:00	48.0	49.1	46.3
8-Jan-10	02:43:00	49.1	50.6	47.1
8-Jan-10	02:48:00	50.6	53.6	47.0
8-Jan-10	02:53:00	47.9	48.7	46.0
8-Jan-10	02:58:00	49.2	51.9	46.0
8-Jan-10	03:03:00	46.7	47.5	45.2
8-Jan-10	03:08:00	48.2	49.9	46.1
8-Jan-10	03:13:00	50.0	52.2	47.0
8-Jan-10	03:18:00	51.7	53.6	47.8
8-Jan-10	03:23:00	48.2	49.3	46.1
8-Jan-10	03:28:00	47.3	48.2	45.6
8-Jan-10	03:33:00	47.6	49.0	46.0
8-Jan-10	03:38:00	47.4	47.9	46.1
8-Jan-10	03:43:00	48.0	48.9	46.3
8-Jan-10	03:48:00	48.7	50.9	46.7
8-Jan-10	03:53:00	47.7	48.7	46.3
8-Jan-10	03:58:00	50.0	53.3	46.4
8-Jan-10	04:03:00	48.6	50.1	47.0
8-Jan-10	04:08:00	51.9	52.4	47.6
8-Jan-10	04:13:00	52.6	51.8	48.1

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
8-Jan-10	04:18:00	48.5	49.2	46.7
8-Jan-10	04:23:00	49.0	50.6	46.7
8-Jan-10	04:28:00	48.0	49.0	46.4
8-Jan-10	04:33:00	47.1	47.8	45.6
8-Jan-10	04:38:00	47.2	47.9	46.0
8-Jan-10	04:43:00	47.2	47.9	46.0
8-Jan-10	04:48:00	46.8	47.6	45.3
8-Jan-10	04:53:00	48.0	50.0	45.6
8-Jan-10	04:58:00	48.9	50.8	47.0
8-Jan-10	05:03:00	46.8	48.3	45.3
8-Jan-10	05:08:00	48.2	49.8	46.1
8-Jan-10	05:13:00	49.6	52.8	45.5
8-Jan-10	05:18:00	48.1	48.7	45.1
8-Jan-10	05:23:00	48.5	51.5	45.2
8-Jan-10	05:28:00	47.1	48.5	45.2
8-Jan-10	05:33:00	64.6	69.7	46.0
8-Jan-10	05:38:00	49.2	50.9	47.2
8-Jan-10	05:43:00	47.0	48.0	45.6
8-Jan-10	05:48:00	47.5	48.6	46.2
8-Jan-10	05:53:00	49.3	52.2	46.1
8-Jan-10	05:58:00	50.5	53.3	47.2
8-Jan-10	06:03:00	47.8	49.3	45.8
8-Jan-10	06:08:00	48.3	49.8	46.2
8-Jan-10	06:13:00	48.4	49.6	46.8
8-Jan-10	06:18:00	49.2	51.2	47.3
8-Jan-10	06:23:00	55.1	58.5	48.1
8-Jan-10	06:28:00	48.1	49.6	46.1
8-Jan-10	06:33:00	52.5	50.1	46.2
8-Jan-10	06:38:00	53.5	55.8	50.1
8-Jan-10	06:43:00	53.0	55.8	49.4
8-Jan-10	06:48:00	55.8	58.7	50.3
8-Jan-10	06:53:00	52.1	53.4	48.6
8-Jan-10	06:58:00	51.5	53.0	48.1
8-Jan-10	23:03:00	49.8	51.7	47.3
8-Jan-10	23:08:00	50.9	53.5	47.2
8-Jan-10	23:13:00	50.0	51.9	47.1
8-Jan-10	23:18:00	49.1	51.1	46.0
8-Jan-10	23:23:00	51.9	55.5	46.0
8-Jan-10	23:28:00	47.9	49.1	46.3
8-Jan-10	23:33:00	47.9	49.9	45.9
8-Jan-10	23:38:00	52.7	55.5	47.3
8-Jan-10	23:43:00	47.2	48.3	46.1
8-Jan-10	23:48:00	50.9	53.7	46.2
8-Jan-10	23:53:00	48.1	49.9	45.9
8-Jan-10	23:58:00	47.5	48.9	45.7

Mean            50.7            53.7            46.7  
 Maximum        64.6            69.7            50.3  
 Minimum        46.7            47.5            45.1

## **Appendix A3**

### **Night Time Noise Level at Mei Chun Court, South Horizons (M9)**

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
9-Jan-10	00:03:00	51.9	54.1	45.8
9-Jan-10	00:08:00	47.9	48.9	46.4
9-Jan-10	00:13:00	49.9	51.7	47.4
9-Jan-10	00:18:00	47.6	48.8	46.1
9-Jan-10	00:23:00	58.2	63.1	46.8
9-Jan-10	00:28:00	50.4	52.4	47.3
9-Jan-10	00:33:00	50.1	49.9	46.7
9-Jan-10	00:38:00	48.2	49.5	46.8
9-Jan-10	00:43:00	47.8	49.2	46.0
9-Jan-10	00:48:00	46.1	46.9	45.0
9-Jan-10	00:53:00	46.5	47.7	45.1
9-Jan-10	00:58:00	50.1	52.1	46.4
9-Jan-10	01:03:00	54.4	58.3	48.4
9-Jan-10	01:08:00	52.8	56.8	46.1
9-Jan-10	01:13:00	46.4	47.6	45.2
9-Jan-10	01:18:00	46.1	46.9	45.1
9-Jan-10	01:23:00	47.3	48.8	45.5
9-Jan-10	01:28:00	46.0	46.9	45.0
9-Jan-10	01:33:00	45.8	46.8	44.6
9-Jan-10	01:38:00	45.6	46.6	44.7
9-Jan-10	01:43:00	46.2	46.9	45.0
9-Jan-10	01:48:00	45.6	46.5	44.8
9-Jan-10	01:53:00	48.8	51.4	45.4
9-Jan-10	01:58:00	54.1	58.5	45.5
9-Jan-10	02:03:00	45.9	46.8	45.0
9-Jan-10	02:08:00	47.0	48.6	45.4
9-Jan-10	02:13:00	47.0	48.5	45.4
9-Jan-10	02:18:00	49.5	52.4	46.1
9-Jan-10	02:23:00	47.9	49.8	45.9
9-Jan-10	02:28:00	54.6	58.5	47.8
9-Jan-10	02:33:00	52.9	57.4	45.5
9-Jan-10	02:38:00	47.1	48.2	46.1
9-Jan-10	02:43:00	46.0	46.9	45.1
9-Jan-10	02:48:00	49.9	53.5	45.7
9-Jan-10	02:53:00	47.1	48.1	46.0
9-Jan-10	02:58:00	52.3	55.2	48.2
9-Jan-10	03:03:00	54.9	59.1	48.2
9-Jan-10	03:08:00	45.9	46.8	45.0
9-Jan-10	03:13:00	46.9	49.4	45.0
9-Jan-10	03:18:00	47.2	48.4	46.0
9-Jan-10	03:23:00	46.9	47.9	46.0
9-Jan-10	03:28:00	46.2	47.5	45.1
9-Jan-10	03:33:00	50.3	53.6	46.3
9-Jan-10	03:38:00	50.0	52.2	46.8
9-Jan-10	03:43:00	49.5	50.9	47.7
9-Jan-10	03:48:00	48.4	50.3	46.3
9-Jan-10	03:53:00	51.6	53.9	48.2
9-Jan-10	03:58:00	52.5	55.4	47.3
9-Jan-10	04:03:00	48.9	50.2	47.3
9-Jan-10	04:08:00	58.9	63.1	50.0
9-Jan-10	04:13:00	49.1	50.7	47.3

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
9-Jan-10	04:18:00	46.3	47.5	45.1
9-Jan-10	04:23:00	45.6	46.4	44.5
9-Jan-10	04:28:00	48.0	50.8	44.6
9-Jan-10	04:33:00	51.2	53.7	46.3
9-Jan-10	04:38:00	46.5	47.7	45.2
9-Jan-10	04:43:00	45.7	46.7	44.7
9-Jan-10	04:48:00	46.1	47.5	44.8
9-Jan-10	04:53:00	48.6	49.9	47.1
9-Jan-10	04:58:00	47.7	49.4	45.3
9-Jan-10	05:03:00	47.4	48.7	45.9
9-Jan-10	05:08:00	46.0	46.9	45.1
9-Jan-10	05:13:00	45.5	46.4	44.6
9-Jan-10	05:18:00	45.4	45.9	44.5
9-Jan-10	05:23:00	47.0	48.3	45.1
9-Jan-10	05:28:00	45.5	46.5	44.5
9-Jan-10	05:33:00	45.8	46.8	44.8
9-Jan-10	05:38:00	46.2	47.5	44.8
9-Jan-10	05:43:00	46.3	47.8	45.0
9-Jan-10	05:48:00	52.4	55.6	47.0
9-Jan-10	05:53:00	49.4	51.8	46.1
9-Jan-10	05:58:00	46.6	47.9	45.1
9-Jan-10	06:03:00	48.0	50.1	45.3
9-Jan-10	06:08:00	46.5	47.8	45.1
9-Jan-10	06:13:00	46.4	47.2	45.1
9-Jan-10	06:18:00	47.4	49.8	45.2
9-Jan-10	06:23:00	51.2	55.3	45.5
9-Jan-10	06:28:00	47.6	50.0	45.2
9-Jan-10	06:33:00	49.9	52.7	46.6
9-Jan-10	06:38:00	49.5	51.6	46.3
9-Jan-10	06:43:00	49.6	51.9	46.8
9-Jan-10	06:48:00	50.6	53.1	46.9
9-Jan-10	06:53:00	50.1	52.6	46.3
9-Jan-10	06:58:00	54.9	56.4	46.5
9-Jan-10	23:03:00	47.8	49.9	45.5
9-Jan-10	23:08:00	47.6	48.8	45.6
9-Jan-10	23:13:00	51.1	53.2	47.3
9-Jan-10	23:18:00	54.5	56.6	50.7
9-Jan-10	23:23:00	53.3	57.0	48.2
9-Jan-10	23:28:00	47.6	49.5	45.4
9-Jan-10	23:33:00	47.4	48.6	46.0
9-Jan-10	23:38:00	47.8	49.6	45.3
9-Jan-10	23:43:00	52.4	50.1	45.3
9-Jan-10	23:48:00	49.6	50.7	46.7
9-Jan-10	23:53:00	48.7	50.5	46.8
9-Jan-10	23:58:00	49.8	52.5	46.4

Mean 50.1 52.9 46.2  
 Maximum 58.9 63.1 50.7  
 Minimum 45.4 45.9 44.5

## **Appendix A3**

### **Night Time Noise Level at Mei Chun Court, South Horizons (M9)**

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
10-Jan-10	00:03:00	47.4	48.9	45.6
10-Jan-10	00:08:00	48.5	50.5	46.2
10-Jan-10	00:13:00	50.9	52.9	48.2
10-Jan-10	00:18:00	48.3	50.3	46.2
10-Jan-10	00:23:00	50.6	53.5	46.7
10-Jan-10	00:28:00	50.1	52.0	47.6
10-Jan-10	00:33:00	49.0	51.4	46.0
10-Jan-10	00:38:00	47.2	48.5	45.6
10-Jan-10	00:43:00	47.1	48.1	45.8
10-Jan-10	00:48:00	48.0	50.1	45.6
10-Jan-10	00:53:00	49.1	51.5	46.5
10-Jan-10	00:58:00	48.9	50.4	46.1
10-Jan-10	01:03:00	47.9	49.6	46.1
10-Jan-10	01:08:00	47.4	48.7	46.0
10-Jan-10	01:13:00	47.9	50.2	45.2
10-Jan-10	01:18:00	47.2	49.0	45.3
10-Jan-10	01:23:00	48.4	49.8	46.6
10-Jan-10	01:28:00	47.0	48.4	45.5
10-Jan-10	01:33:00	46.0	46.9	45.1
10-Jan-10	01:38:00	50.7	53.7	46.3
10-Jan-10	01:43:00	49.4	51.6	46.4
10-Jan-10	01:48:00	47.6	49.1	45.7
10-Jan-10	01:53:00	47.2	48.5	46.0
10-Jan-10	01:58:00	49.6	51.7	47.0
10-Jan-10	02:03:00	49.3	50.9	47.2
10-Jan-10	02:08:00	47.8	49.7	45.5
10-Jan-10	02:13:00	46.5	47.8	45.2
10-Jan-10	02:18:00	45.7	46.7	44.9
10-Jan-10	02:23:00	46.8	49.1	44.9
10-Jan-10	02:28:00	48.2	50.8	45.4
10-Jan-10	02:33:00	46.3	47.6	45.1
10-Jan-10	02:38:00	45.6	46.5	44.6
10-Jan-10	02:43:00	47.3	49.0	44.9
10-Jan-10	02:48:00	45.7	46.7	44.8
10-Jan-10	02:53:00	45.8	46.8	45.0
10-Jan-10	02:58:00	49.1	52.1	45.7
10-Jan-10	03:03:00	52.2	54.9	46.9
10-Jan-10	03:08:00	47.5	49.3	45.2
10-Jan-10	03:13:00	45.9	46.8	45.0
10-Jan-10	03:18:00	45.9	46.8	44.6
10-Jan-10	03:23:00	45.7	46.6	45.0
10-Jan-10	03:28:00	46.6	47.7	45.3
10-Jan-10	03:33:00	46.0	46.9	45.0
10-Jan-10	03:38:00	46.8	47.8	45.6
10-Jan-10	03:43:00	49.2	51.9	46.2
10-Jan-10	03:48:00	46.6	47.5	45.6
10-Jan-10	03:53:00	47.0	48.3	45.4
10-Jan-10	03:58:00	48.5	47.6	45.1
10-Jan-10	04:03:00	47.3	49.4	45.1
10-Jan-10	04:08:00	47.4	49.8	45.0
10-Jan-10	04:13:00	48.4	51.1	45.1

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
10-Jan-10	04:18:00	48.6	50.5	46.3
10-Jan-10	04:23:00	46.9	48.4	45.3
10-Jan-10	04:28:00	46.3	47.3	45.2
10-Jan-10	04:33:00	46.0	47.1	45.0
10-Jan-10	04:38:00	49.1	53.1	45.0
10-Jan-10	04:43:00	48.0	51.1	45.2
10-Jan-10	04:48:00	47.1	49.1	45.2
10-Jan-10	04:53:00	48.3	50.4	45.5
10-Jan-10	04:58:00	47.3	48.8	45.6
10-Jan-10	05:03:00	46.4	47.4	45.3
10-Jan-10	05:08:00	47.6	48.8	46.2
10-Jan-10	05:13:00	47.0	48.3	45.9
10-Jan-10	05:18:00	48.3	50.0	46.0
10-Jan-10	05:23:00	46.3	47.0	45.2
10-Jan-10	05:28:00	49.5	50.9	45.3
10-Jan-10	05:33:00	47.6	48.8	45.2
10-Jan-10	05:38:00	46.5	47.6	45.1
10-Jan-10	05:43:00	50.0	52.5	46.7
10-Jan-10	05:48:00	46.9	48.2	45.2
10-Jan-10	05:53:00	46.0	46.8	45.1
10-Jan-10	05:58:00	47.6	48.9	45.4
10-Jan-10	06:03:00	48.8	50.7	46.2
10-Jan-10	06:08:00	46.8	48.1	45.2
10-Jan-10	06:13:00	47.1	49.1	45.1
10-Jan-10	06:18:00	47.0	49.3	45.0
10-Jan-10	06:23:00	50.5	53.8	46.6
10-Jan-10	06:28:00	46.6	47.7	45.1
10-Jan-10	06:33:00	46.5	47.5	45.3
10-Jan-10	06:38:00	46.8	47.8	45.2
10-Jan-10	06:43:00	51.0	54.2	45.9
10-Jan-10	06:48:00	54.8	57.9	49.4
10-Jan-10	06:53:00	53.6	56.3	48.9
10-Jan-10	06:58:00	51.9	54.3	47.8
10-Jan-10	23:03:00	47.2	48.3	46.1
10-Jan-10	23:08:00	51.5	54.1	47.9
10-Jan-10	23:13:00	50.3	51.3	47.0
10-Jan-10	23:18:00	49.8	51.7	47.4
10-Jan-10	23:23:00	48.8	50.9	46.3
10-Jan-10	23:28:00	48.1	49.7	46.1
10-Jan-10	23:33:00	48.1	49.4	46.4
10-Jan-10	23:38:00	46.8	47.8	45.5
10-Jan-10	23:43:00	47.8	49.6	45.7
10-Jan-10	23:48:00	48.1	49.9	45.6
10-Jan-10	23:53:00	48.6	49.5	45.6
10-Jan-10	23:58:00	47.5	48.9	45.5

Mean                    48.4                    50.4                    45.9  
 Maximum                54.8                    57.9                    49.4  
 Minimum                45.6                    46.5                    44.6

## **Appendix A3**

### **Night Time Noise Level at Mei Chun Court, South Horizons (M9)**

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
11-Jan-10	00:03:00	48.5	50.0	45.7
11-Jan-10	00:08:00	53.6	52.3	46.4
11-Jan-10	00:13:00	49.1	50.5	47.4
11-Jan-10	00:18:00	48.2	49.7	46.4
11-Jan-10	00:23:00	49.1	50.6	47.3
11-Jan-10	00:28:00	47.2	48.4	45.6
11-Jan-10	00:33:00	47.8	49.8	45.5
11-Jan-10	00:38:00	47.2	48.6	45.5
11-Jan-10	00:43:00	47.3	49.1	45.2
11-Jan-10	00:48:00	46.4	47.7	45.0
11-Jan-10	00:53:00	47.7	49.4	45.6
11-Jan-10	00:58:00	46.6	47.9	45.2
11-Jan-10	01:03:00	48.3	49.8	46.4
11-Jan-10	01:08:00	47.0	48.5	45.2
11-Jan-10	01:13:00	46.5	47.9	45.1
11-Jan-10	01:18:00	47.4	49.1	45.2
11-Jan-10	01:23:00	46.3	47.6	44.9
11-Jan-10	01:28:00	46.7	47.9	45.2
11-Jan-10	01:33:00	46.6	47.7	45.2
11-Jan-10	01:38:00	48.7	50.2	46.8
11-Jan-10	01:43:00	47.7	49.6	45.6
11-Jan-10	01:48:00	46.3	47.1	44.8
11-Jan-10	01:53:00	49.8	51.9	46.7
11-Jan-10	01:58:00	46.7	48.4	44.7
11-Jan-10	02:03:00	46.3	47.7	45.0
11-Jan-10	02:08:00	46.3	47.5	45.1
11-Jan-10	02:13:00	46.3	47.1	45.2
11-Jan-10	02:18:00	49.1	50.8	47.0
11-Jan-10	02:23:00	47.6	49.5	45.5
11-Jan-10	02:28:00	49.1	51.0	47.1
11-Jan-10	02:33:00	46.9	48.6	45.1
11-Jan-10	02:38:00	46.2	47.1	45.0
11-Jan-10	02:43:00	47.0	48.5	45.1
11-Jan-10	02:48:00	48.0	50.6	45.1
11-Jan-10	02:53:00	51.1	51.4	46.2
11-Jan-10	02:58:00	47.2	47.9	45.0
11-Jan-10	03:03:00	45.9	46.7	45.0
11-Jan-10	03:08:00	47.1	49.0	45.2
11-Jan-10	03:13:00	53.6	56.7	48.5
11-Jan-10	03:18:00	47.2	49.6	44.6
11-Jan-10	03:23:00	47.2	49.5	44.6
11-Jan-10	03:28:00	48.2	51.0	45.2
11-Jan-10	03:33:00	47.3	49.6	45.0
11-Jan-10	03:38:00	51.3	53.9	47.5
11-Jan-10	03:43:00	48.3	50.9	45.3
11-Jan-10	03:48:00	47.1	48.9	45.2
11-Jan-10	03:53:00	46.5	47.7	45.1
11-Jan-10	03:58:00	47.2	49.2	45.1
11-Jan-10	04:03:00	47.5	49.5	45.2
11-Jan-10	04:08:00	47.0	48.0	45.6
11-Jan-10	04:13:00	49.0	51.0	46.4

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
11-Jan-10	04:18:00	49.1	52.0	46.0
11-Jan-10	04:23:00	47.5	48.7	46.1
11-Jan-10	04:28:00	48.5	50.2	46.9
11-Jan-10	04:33:00	51.2	53.6	47.7
11-Jan-10	04:38:00	48.6	51.9	45.1
11-Jan-10	04:43:00	48.1	50.9	45.3
11-Jan-10	04:48:00	52.1	54.7	48.8
11-Jan-10	04:53:00	46.8	47.9	45.2
11-Jan-10	04:58:00	47.9	50.5	44.7
11-Jan-10	05:03:00	46.1	47.6	44.4
11-Jan-10	05:08:00	51.4	55.4	45.0
11-Jan-10	05:13:00	61.5	65.5	51.4
11-Jan-10	05:18:00	52.8	55.3	48.5
11-Jan-10	05:23:00	48.9	51.3	46.3
11-Jan-10	05:28:00	47.2	48.2	45.4
11-Jan-10	05:33:00	47.7	49.8	45.3
11-Jan-10	05:38:00	54.1	57.1	49.7
11-Jan-10	05:43:00	51.2	54.5	46.5
11-Jan-10	05:48:00	48.7	51.1	46.0
11-Jan-10	05:53:00	46.8	47.9	45.4
11-Jan-10	05:58:00	49.3	51.6	47.1
11-Jan-10	06:03:00	51.8	55.4	47.9
11-Jan-10	06:08:00	53.2	56.7	47.5
11-Jan-10	06:13:00	48.1	49.4	46.7
11-Jan-10	06:18:00	47.5	49.0	46.0
11-Jan-10	06:23:00	50.8	53.9	46.1
11-Jan-10	06:28:00	50.3	54.2	46.0
11-Jan-10	06:33:00	48.8	51.5	46.1
11-Jan-10	06:38:00	49.5	51.8	46.6
11-Jan-10	06:43:00	50.2	51.9	47.5
11-Jan-10	06:48:00	53.5	55.8	49.6
11-Jan-10	06:53:00	51.4	54.0	48.0
11-Jan-10	06:58:00	55.6	57.8	49.1
11-Jan-10	23:03:00	48.3	49.7	46.9
11-Jan-10	23:08:00	48.4	50.0	46.2
11-Jan-10	23:13:00	47.8	49.2	46.1
11-Jan-10	23:18:00	48.2	49.7	46.6
11-Jan-10	23:23:00	48.4	49.9	46.6
11-Jan-10	23:28:00	48.9	49.6	47.0
11-Jan-10	23:33:00	49.5	51.9	46.5
11-Jan-10	23:38:00	47.4	48.8	45.3
11-Jan-10	23:43:00	49.7	52.5	46.2
11-Jan-10	23:48:00	56.4	60.6	46.3
11-Jan-10	23:53:00	49.2	51.6	46.3
11-Jan-10	23:58:00	48.7	50.7	46.3

Mean                    50.0                    52.6                    46.3  
 Maximum                61.5                    65.5                    51.4  
 Minimum                45.9                    46.7                    44.4

## **Appendix A3**

### **Night Time Noise Level at Mei Chun Court, South Horizons (M9)**

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
12-Jan-10	00:03:00	48.6	50.0	46.9
12-Jan-10	00:08:00	48.6	50.5	46.2
12-Jan-10	00:13:00	49.4	51.9	46.3
12-Jan-10	00:18:00	49.8	51.9	47.2
12-Jan-10	00:23:00	46.8	47.9	45.4
12-Jan-10	00:28:00	50.6	53.8	46.5
12-Jan-10	00:33:00	48.1	49.6	46.2
12-Jan-10	00:38:00	48.5	50.4	46.3
12-Jan-10	00:43:00	50.6	52.7	47.3
12-Jan-10	00:48:00	47.2	48.7	45.3
12-Jan-10	00:53:00	49.3	51.2	45.7
12-Jan-10	00:58:00	50.7	53.2	46.7
12-Jan-10	01:03:00	47.5	49.6	45.1
12-Jan-10	01:08:00	51.3	53.6	48.4
12-Jan-10	01:13:00	47.9	49.5	46.2
12-Jan-10	01:18:00	46.6	47.8	45.0
12-Jan-10	01:23:00	47.7	50.0	45.1
12-Jan-10	01:28:00	46.0	46.8	45.0
12-Jan-10	01:33:00	48.7	51.2	45.3
12-Jan-10	01:38:00	46.7	48.2	45.1
12-Jan-10	01:43:00	48.2	49.9	46.2
12-Jan-10	01:48:00	46.8	48.3	45.1
12-Jan-10	01:53:00	45.8	46.7	44.5
12-Jan-10	01:58:00	45.9	47.2	44.5
12-Jan-10	02:03:00	51.7	53.6	49.0
12-Jan-10	02:08:00	47.3	49.3	45.2
12-Jan-10	02:13:00	46.8	49.2	44.5
12-Jan-10	02:18:00	46.2	46.9	45.1
12-Jan-10	02:23:00	45.7	46.6	44.9
12-Jan-10	02:28:00	46.2	47.5	44.8
12-Jan-10	02:33:00	47.3	49.6	44.6
12-Jan-10	02:38:00	45.1	45.8	44.1
12-Jan-10	02:43:00	50.8	55.7	45.0
12-Jan-10	02:48:00	47.3	49.4	45.0
12-Jan-10	02:53:00	46.0	46.9	45.0
12-Jan-10	02:58:00	47.7	49.3	46.0
12-Jan-10	03:03:00	50.7	53.4	46.6
12-Jan-10	03:08:00	46.3	46.9	45.0
12-Jan-10	03:13:00	47.5	48.7	45.9
12-Jan-10	03:18:00	47.1	48.3	45.6
12-Jan-10	03:23:00	47.2	48.9	45.1
12-Jan-10	03:28:00	47.1	49.0	44.9
12-Jan-10	03:33:00	48.7	51.0	45.8
12-Jan-10	03:38:00	52.5	54.7	49.3
12-Jan-10	03:43:00	50.7	52.4	48.3
12-Jan-10	03:48:00	49.6	51.4	47.3
12-Jan-10	03:53:00	47.0	48.4	45.3
12-Jan-10	03:58:00	48.1	50.0	45.0
12-Jan-10	04:03:00	47.4	48.7	45.3
12-Jan-10	04:08:00	46.4	47.6	45.2
12-Jan-10	04:13:00	45.6	46.5	44.5

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
12-Jan-10	04:18:00	46.8	48.6	45.1
12-Jan-10	04:23:00	46.1	47.5	44.2
12-Jan-10	04:28:00	47.0	49.3	44.5
12-Jan-10	04:33:00	46.2	47.5	45.0
12-Jan-10	04:38:00	48.9	51.7	45.1
12-Jan-10	04:43:00	46.0	48.0	44.2
12-Jan-10	04:48:00	47.2	48.8	45.2
12-Jan-10	04:53:00	47.1	48.8	45.2
12-Jan-10	04:58:00	47.1	48.9	45.2
12-Jan-10	05:03:00	51.3	56.4	45.0
12-Jan-10	05:08:00	47.4	48.3	46.2
12-Jan-10	05:13:00	50.5	52.6	47.3
12-Jan-10	05:18:00	46.7	47.9	45.2
12-Jan-10	05:23:00	47.2	49.2	45.0
12-Jan-10	05:28:00	47.1	48.3	45.7
12-Jan-10	05:33:00	47.1	47.9	45.4
12-Jan-10	05:38:00	46.5	47.6	45.1
12-Jan-10	05:43:00	47.6	49.2	45.7
12-Jan-10	05:48:00	54.0	56.8	49.0
12-Jan-10	05:53:00	49.2	51.9	45.2
12-Jan-10	05:58:00	46.4	48.5	44.4
12-Jan-10	06:03:00	50.6	53.2	47.2
12-Jan-10	06:08:00	52.8	55.0	49.2
12-Jan-10	06:13:00	47.4	48.8	45.8
12-Jan-10	06:18:00	52.2	55.9	46.3
12-Jan-10	06:23:00	47.6	49.4	45.7
12-Jan-10	06:28:00	48.4	50.5	45.5
12-Jan-10	06:33:00	48.6	50.8	45.5
12-Jan-10	06:38:00	50.0	52.7	46.6
12-Jan-10	06:43:00	52.6	55.9	48.1
12-Jan-10	06:48:00	58.5	55.4	48.8
12-Jan-10	06:53:00	53.0	55.6	49.3
12-Jan-10	06:58:00	54.2	56.6	50.2
12-Jan-10	23:03:00	47.6	49.5	45.5
12-Jan-10	23:08:00	51.5	52.7	49.1
12-Jan-10	23:13:00	55.5	57.9	46.5
12-Jan-10	23:18:00	48.6	50.1	46.6
12-Jan-10	23:23:00	46.5	47.8	45.0
12-Jan-10	23:28:00	48.5	51.0	45.0
12-Jan-10	23:33:00	48.9	51.0	46.2
12-Jan-10	23:38:00	49.2	52.3	45.5
12-Jan-10	23:43:00	52.8	56.3	48.7
12-Jan-10	23:48:00	49.5	52.3	46.3
12-Jan-10	23:53:00	47.9	49.7	45.6
12-Jan-10	23:58:00	48.6	51.0	45.3

Mean 49.4 51.5 46.2  
 Maximum 58.5 57.9 50.2  
 Minimum 45.1 45.8 44.1

## **Appendix A3**

### **Night Time Noise Level at Mei Chun Court, South Horizons (M9)**

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
13-Jan-10	00:03:00	48.8	50.7	46.0
13-Jan-10	00:08:00	50.7	52.5	47.5
13-Jan-10	00:13:00	47.6	49.5	45.6
13-Jan-10	00:18:00	47.8	50.1	45.2
13-Jan-10	00:23:00	48.5	50.6	45.8
13-Jan-10	00:28:00	47.6	49.3	45.6
13-Jan-10	00:33:00	49.5	52.1	45.9
13-Jan-10	00:38:00	46.5	47.9	44.6
13-Jan-10	00:43:00	46.4	47.9	44.9
13-Jan-10	00:48:00	49.6	53.0	45.1
13-Jan-10	00:53:00	47.1	48.7	45.2
13-Jan-10	00:58:00	48.6	51.1	45.0
13-Jan-10	01:03:00	47.9	50.6	44.7
13-Jan-10	01:08:00	48.8	50.6	46.1
13-Jan-10	01:13:00	48.9	50.3	47.0
13-Jan-10	01:18:00	46.7	47.9	45.3
13-Jan-10	01:23:00	50.2	52.8	45.6
13-Jan-10	01:28:00	47.1	49.9	44.2
13-Jan-10	01:33:00	46.0	48.1	44.1
13-Jan-10	01:38:00	46.8	49.4	44.2
13-Jan-10	01:43:00	47.1	48.8	45.2
13-Jan-10	01:48:00	46.7	49.0	44.5
13-Jan-10	01:53:00	47.2	49.8	44.7
13-Jan-10	01:58:00	47.6	50.1	44.4
13-Jan-10	02:03:00	50.8	54.4	46.3
13-Jan-10	02:08:00	55.0	59.1	49.5
13-Jan-10	02:13:00	49.5	52.3	45.6
13-Jan-10	02:18:00	46.1	47.9	44.3
13-Jan-10	02:23:00	45.1	45.9	44.2
13-Jan-10	02:28:00	46.5	47.8	45.1
13-Jan-10	02:33:00	47.0	50.4	44.2
13-Jan-10	02:38:00	44.8	45.7	44.1
13-Jan-10	02:43:00	46.6	48.4	44.8
13-Jan-10	02:48:00	44.8	45.6	44.0
13-Jan-10	02:53:00	46.4	48.6	44.1
13-Jan-10	02:58:00	47.0	48.6	44.6
13-Jan-10	03:03:00	45.7	46.7	44.4
13-Jan-10	03:08:00	45.0	45.8	44.1
13-Jan-10	03:13:00	46.6	48.1	45.1
13-Jan-10	03:18:00	45.3	45.9	44.3
13-Jan-10	03:23:00	48.3	50.8	45.1
13-Jan-10	03:28:00	45.1	45.8	44.2
13-Jan-10	03:33:00	49.0	51.4	45.8
13-Jan-10	03:38:00	49.5	51.9	45.7
13-Jan-10	03:43:00	49.8	52.3	46.5
13-Jan-10	03:48:00	51.0	53.0	47.7
13-Jan-10	03:53:00	52.0	54.5	48.3
13-Jan-10	03:58:00	48.4	51.3	45.0
13-Jan-10	04:03:00	47.4	50.1	44.3
13-Jan-10	04:08:00	50.1	54.5	45.0
13-Jan-10	04:13:00	59.3	54.4	47.4

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
13-Jan-10	04:18:00	48.5	50.2	47.0
13-Jan-10	04:23:00	46.3	47.9	45.0
13-Jan-10	04:28:00	48.1	49.8	46.1
13-Jan-10	04:33:00	46.4	47.6	45.0
13-Jan-10	04:38:00	45.0	45.8	44.1
13-Jan-10	04:43:00	45.2	45.9	44.1
13-Jan-10	04:48:00	44.9	45.7	44.1
13-Jan-10	04:53:00	45.1	45.9	44.2
13-Jan-10	04:58:00	45.1	45.9	44.1
13-Jan-10	05:03:00	48.5	52.0	45.3
13-Jan-10	05:08:00	46.4	47.3	45.1
13-Jan-10	05:13:00	46.7	48.0	45.2
13-Jan-10	05:18:00	50.2	54.4	45.4
13-Jan-10	05:23:00	45.2	45.9	44.2
13-Jan-10	05:28:00	45.2	45.9	44.2
13-Jan-10	05:33:00	45.1	45.9	44.2
13-Jan-10	05:38:00	47.7	49.5	45.3
13-Jan-10	05:43:00	48.7	50.9	45.6
13-Jan-10	05:48:00	45.6	46.6	44.5
13-Jan-10	05:53:00	45.3	46.2	44.3
13-Jan-10	05:58:00	46.8	48.6	45.0
13-Jan-10	06:03:00	49.4	51.5	46.2
13-Jan-10	06:08:00	50.3	52.5	47.4
13-Jan-10	06:13:00	47.9	49.6	46.0
13-Jan-10	06:18:00	50.2	53.8	45.7
13-Jan-10	06:23:00	50.2	52.3	47.5
13-Jan-10	06:28:00	48.0	49.9	45.5
13-Jan-10	06:33:00	53.6	56.1	50.7
13-Jan-10	06:38:00	49.8	51.7	46.4
13-Jan-10	06:43:00	61.8	66.9	47.8
13-Jan-10	06:48:00	56.4	60.9	48.4
13-Jan-10	06:53:00	52.1	54.7	47.3
13-Jan-10	06:58:00	54.6	58.1	47.9
13-Jan-10	23:03:00	47.5	49.2	45.8
13-Jan-10	23:08:00	49.3	51.4	47.0
13-Jan-10	23:13:00	50.7	52.7	48.4
13-Jan-10	23:18:00	50.0	52.2	47.5
13-Jan-10	23:23:00	49.1	52.7	45.7
13-Jan-10	23:28:00	52.0	54.2	48.0
13-Jan-10	23:33:00	48.8	50.4	46.0
13-Jan-10	23:38:00	51.4	53.7	48.0
13-Jan-10	23:43:00	51.2	53.1	48.5
13-Jan-10	23:48:00	51.4	53.3	46.5
13-Jan-10	23:53:00	47.5	48.9	45.6
13-Jan-10	23:58:00	47.6	48.7	46.1

Mean                    50.1                    52.8                    45.9  
 Maximum                61.8                    66.9                    50.7  
 Minimum                44.8                    45.6                    44.0

## **Appendix A3**

### **Night Time Noise Level at Mei Chun Court, South Horizons (M9)**

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
14-Jan-10	00:03:00	48.8	50.6	46.9
14-Jan-10	00:08:00	48.2	49.8	46.2
14-Jan-10	00:13:00	47.4	48.8	45.4
14-Jan-10	00:18:00	47.0	48.3	45.4
14-Jan-10	00:23:00	49.5	51.2	46.5
14-Jan-10	00:28:00	50.4	52.6	45.7
14-Jan-10	00:33:00	46.2	47.4	44.9
14-Jan-10	00:38:00	47.0	48.9	45.0
14-Jan-10	00:43:00	46.1	46.7	44.4
14-Jan-10	00:48:00	46.3	47.5	45.1
14-Jan-10	00:53:00	46.8	49.1	44.4
14-Jan-10	00:58:00	46.6	48.4	44.9
14-Jan-10	01:03:00	46.4	47.8	44.3
14-Jan-10	01:08:00	53.9	56.5	49.0
14-Jan-10	01:13:00	49.6	52.8	45.3
14-Jan-10	01:18:00	45.1	45.8	44.1
14-Jan-10	01:23:00	45.7	45.9	44.0
14-Jan-10	01:28:00	46.0	47.8	44.2
14-Jan-10	01:33:00	50.8	53.7	47.3
14-Jan-10	01:38:00	49.9	52.4	45.5
14-Jan-10	01:43:00	46.5	47.7	45.2
14-Jan-10	01:48:00	45.6	46.9	44.2
14-Jan-10	01:53:00	45.5	47.1	44.0
14-Jan-10	01:58:00	44.8	45.7	44.0
14-Jan-10	02:03:00	45.3	46.7	44.0
14-Jan-10	02:08:00	45.0	45.8	44.1
14-Jan-10	02:13:00	45.7	46.7	44.7
14-Jan-10	02:18:00	46.8	48.0	45.1
14-Jan-10	02:23:00	45.1	46.2	44.1
14-Jan-10	02:28:00	47.4	49.8	44.7
14-Jan-10	02:33:00	45.4	46.3	44.5
14-Jan-10	02:38:00	45.5	46.4	44.4
14-Jan-10	02:43:00	45.2	46.6	44.1
14-Jan-10	02:48:00	45.1	45.9	44.1
14-Jan-10	02:53:00	44.8	45.7	44.1
14-Jan-10	02:58:00	47.6	50.0	45.0
14-Jan-10	03:03:00	45.1	46.1	44.1
14-Jan-10	03:08:00	45.8	47.1	44.4
14-Jan-10	03:13:00	48.8	50.4	47.0
14-Jan-10	03:18:00	48.7	50.7	46.4
14-Jan-10	03:23:00	46.3	47.7	45.1
14-Jan-10	03:28:00	46.1	47.2	45.0
14-Jan-10	03:33:00	48.8	51.1	45.7
14-Jan-10	03:38:00	47.2	49.3	45.4
14-Jan-10	03:43:00	47.4	46.9	44.7
14-Jan-10	03:48:00	46.0	46.9	45.1
14-Jan-10	03:53:00	46.2	47.2	45.1
14-Jan-10	03:58:00	48.1	50.2	45.5
14-Jan-10	04:03:00	52.0	56.0	45.9
14-Jan-10	04:08:00	45.3	46.0	44.3
14-Jan-10	04:13:00	47.1	49.0	45.0

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
14-Jan-10	04:18:00	49.8	54.4	45.3
14-Jan-10	04:23:00	48.8	52.5	45.0
14-Jan-10	04:28:00	45.4	46.4	44.3
14-Jan-10	04:33:00	47.1	49.7	44.8
14-Jan-10	04:38:00	46.9	48.8	44.8
14-Jan-10	04:43:00	46.9	48.7	45.2
14-Jan-10	04:48:00	50.0	52.1	46.9
14-Jan-10	04:53:00	45.7	46.8	44.5
14-Jan-10	04:58:00	53.9	58.7	45.6
14-Jan-10	05:03:00	52.1	56.2	45.0
14-Jan-10	05:08:00	47.4	48.8	45.5
14-Jan-10	05:13:00	46.9	48.6	45.1
14-Jan-10	05:18:00	50.2	52.6	47.1
14-Jan-10	05:23:00	58.4	63.6	46.1
14-Jan-10	05:28:00	48.3	51.1	45.3
14-Jan-10	05:33:00	49.0	50.4	46.5
14-Jan-10	05:38:00	45.6	46.5	44.6
14-Jan-10	05:43:00	45.6	46.7	44.4
14-Jan-10	05:48:00	47.1	48.7	45.4
14-Jan-10	05:53:00	46.8	48.1	45.1
14-Jan-10	05:58:00	46.6	48.3	45.0
14-Jan-10	06:03:00	49.4	51.8	45.7
14-Jan-10	06:08:00	49.4	52.6	46.1
14-Jan-10	06:13:00	48.5	49.9	46.6
14-Jan-10	06:18:00	49.7	52.0	46.2
14-Jan-10	06:23:00	49.2	51.7	46.5
14-Jan-10	06:28:00	51.7	55.2	47.3
14-Jan-10	06:33:00	48.8	50.3	46.5
14-Jan-10	06:38:00	49.4	51.5	46.6
14-Jan-10	06:43:00	50.4	52.9	47.1
14-Jan-10	06:48:00	52.8	55.8	48.9
14-Jan-10	06:53:00	49.8	51.7	47.3
14-Jan-10	06:58:00	51.3	53.5	47.1
14-Jan-10	23:03:00	49.7	51.4	47.5
14-Jan-10	23:08:00	47.5	48.5	46.2
14-Jan-10	23:13:00	49.4	52.3	46.5
14-Jan-10	23:18:00	47.6	48.8	46.1
14-Jan-10	23:23:00	48.4	50.5	46.3
14-Jan-10	23:28:00	48.3	49.9	46.2
14-Jan-10	23:33:00	47.4	48.5	46.1
14-Jan-10	23:38:00	49.7	51.4	47.1
14-Jan-10	23:43:00	49.3	51.3	47.1
14-Jan-10	23:48:00	49.3	50.9	47.3
14-Jan-10	23:53:00	48.6	50.0	47.0
14-Jan-10	23:58:00	48.0	49.7	46.1

Mean                    48.8                    51.4                    45.7  
 Maximum                58.4                    63.6                    49.0  
 Minimum                44.8                    45.7                    44.0

## **Appendix A3**

### **Night Time Noise Level at Mei Chun Court, South Horizons (M9)**

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
15-Jan-10	00:03:00	51.2	53.5	48.5
15-Jan-10	00:08:00	49.8	51.8	47.2
15-Jan-10	00:13:00	49.8	51.8	47.2
15-Jan-10	00:18:00	51.2	54.1	47.0
15-Jan-10	00:23:00	47.9	49.7	46.2
15-Jan-10	00:28:00	48.9	51.1	46.4
15-Jan-10	00:33:00	47.9	50.0	45.3
15-Jan-10	00:38:00	49.0	51.8	45.8
15-Jan-10	00:43:00	46.3	47.6	45.0
15-Jan-10	00:48:00	46.6	48.4	45.1
15-Jan-10	00:53:00	48.3	50.9	45.1
15-Jan-10	00:58:00	48.1	50.8	45.3
15-Jan-10	01:03:00	46.4	47.6	45.1
15-Jan-10	01:08:00	48.3	50.4	45.7
15-Jan-10	01:13:00	46.9	48.6	45.2
15-Jan-10	01:18:00	46.4	47.8	45.1
15-Jan-10	01:23:00	47.4	49.0	45.4
15-Jan-10	01:28:00	46.1	47.0	45.0
15-Jan-10	01:33:00	47.6	50.0	45.1
15-Jan-10	01:38:00	48.3	49.9	46.0
15-Jan-10	01:43:00	46.4	47.8	45.1
15-Jan-10	01:48:00	47.6	49.5	45.6
15-Jan-10	01:53:00	46.3	47.3	45.1
15-Jan-10	01:58:00	46.5	47.9	45.1
15-Jan-10	02:03:00	45.8	46.7	45.0
15-Jan-10	02:08:00	47.8	50.3	45.4
15-Jan-10	02:13:00	48.1	50.0	45.9
15-Jan-10	02:18:00	48.4	51.5	45.8
15-Jan-10	02:23:00	48.6	51.1	45.6
15-Jan-10	02:28:00	46.4	47.5	45.3
15-Jan-10	02:33:00	46.6	47.6	45.0
15-Jan-10	02:38:00	45.6	46.5	44.7
15-Jan-10	02:43:00	48.5	51.3	46.1
15-Jan-10	02:48:00	46.0	46.8	45.1
15-Jan-10	02:53:00	48.8	52.2	45.5
15-Jan-10	02:58:00	46.0	46.8	45.1
15-Jan-10	03:03:00	45.7	46.7	45.0
15-Jan-10	03:08:00	47.0	49.0	45.2
15-Jan-10	03:13:00	49.5	51.7	46.1
15-Jan-10	03:18:00	47.8	50.1	45.3
15-Jan-10	03:23:00	46.4	47.4	45.3
15-Jan-10	03:28:00	52.4	54.3	49.4
15-Jan-10	03:33:00	46.8	47.8	45.9
15-Jan-10	03:38:00	47.9	49.3	46.4
15-Jan-10	03:43:00	48.7	50.4	46.7
15-Jan-10	03:48:00	47.7	49.7	45.9
15-Jan-10	03:53:00	46.5	47.5	45.4
15-Jan-10	03:58:00	47.7	49.5	45.7
15-Jan-10	04:03:00	47.1	48.8	45.5
15-Jan-10	04:08:00	47.3	48.7	45.7
15-Jan-10	04:13:00	47.2	48.6	45.5

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
15-Jan-10	04:18:00	48.6	51.1	45.8
15-Jan-10	04:23:00	46.2	47.0	45.2
15-Jan-10	04:28:00	45.9	46.8	45.1
15-Jan-10	04:33:00	46.1	46.9	45.1
15-Jan-10	04:38:00	46.9	48.5	45.3
15-Jan-10	04:43:00	47.5	49.4	45.4
15-Jan-10	04:48:00	52.4	56.7	46.5
15-Jan-10	04:53:00	50.1	52.8	46.8
15-Jan-10	04:58:00	49.2	51.6	46.9
15-Jan-10	05:03:00	46.9	47.9	45.5
15-Jan-10	05:08:00	51.7	54.5	48.3
15-Jan-10	05:13:00	46.6	47.9	45.1
15-Jan-10	05:18:00	46.7	47.9	45.4
15-Jan-10	05:23:00	46.9	48.5	45.1
15-Jan-10	05:28:00	46.6	47.9	45.2
15-Jan-10	05:33:00	46.7	47.8	45.4
15-Jan-10	05:38:00	47.1	47.9	46.1
15-Jan-10	05:43:00	50.0	53.4	46.5
15-Jan-10	05:48:00	46.7	47.7	45.8
15-Jan-10	05:53:00	48.2	50.5	45.6
15-Jan-10	05:58:00	50.5	53.5	47.1
15-Jan-10	06:03:00	52.9	54.9	50.5
15-Jan-10	06:08:00	57.4	52.0	47.1
15-Jan-10	06:13:00	47.8	49.0	46.2
15-Jan-10	06:18:00	48.0	49.7	46.2
15-Jan-10	06:23:00	55.3	54.6	47.8
15-Jan-10	06:28:00	56.1	51.6	47.2
15-Jan-10	06:33:00	48.8	50.2	46.9
15-Jan-10	06:38:00	48.5	50.5	46.3
15-Jan-10	06:43:00	50.0	51.8	47.1
15-Jan-10	06:48:00	54.6	57.9	48.9
15-Jan-10	06:53:00	53.7	55.4	47.6
15-Jan-10	06:58:00	51.2	53.7	47.0
15-Jan-10	23:03:00	53.4	55.4	49.1
15-Jan-10	23:08:00	51.1	53.8	46.9
15-Jan-10	23:13:00	48.3	50.1	46.0
15-Jan-10	23:18:00	50.9	53.4	47.5
15-Jan-10	23:23:00	56.1	55.7	47.5
15-Jan-10	23:28:00	50.1	52.8	46.9
15-Jan-10	23:33:00	47.5	49.3	45.5
15-Jan-10	23:38:00	47.8	49.7	45.6
15-Jan-10	23:43:00	47.5	48.7	46.1
15-Jan-10	23:48:00	49.5	51.4	46.8
15-Jan-10	23:53:00	48.6	50.0	46.6
15-Jan-10	23:58:00	48.9	49.6	46.5

Mean            49.5            51.1            46.2  
 Maximum        57.4            57.9            50.5  
 Minimum        45.6            46.5            44.7

## **Appendix A3**

### **Night Time Noise Level at Mei Chun Court, South Horizons (M9)**

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
16-Jan-10	00:03:00	48.2	49.9	46.4
16-Jan-10	00:08:00	49.2	51.3	47.1
16-Jan-10	00:13:00	51.0	53.5	48.0
16-Jan-10	00:18:00	50.4	52.6	47.4
16-Jan-10	00:23:00	47.8	49.4	46.1
16-Jan-10	00:28:00	49.0	51.4	46.2
16-Jan-10	00:33:00	47.7	49.7	45.3
16-Jan-10	00:38:00	48.1	49.8	46.0
16-Jan-10	00:43:00	47.8	49.3	45.9
16-Jan-10	00:48:00	48.0	49.3	46.4
16-Jan-10	00:53:00	47.4	48.7	45.8
16-Jan-10	00:58:00	46.8	48.1	45.2
16-Jan-10	01:03:00	47.4	49.5	45.1
16-Jan-10	01:08:00	46.3	47.3	45.2
16-Jan-10	01:13:00	47.5	49.9	45.2
16-Jan-10	01:18:00	49.9	51.6	47.0
16-Jan-10	01:23:00	47.4	48.8	45.9
16-Jan-10	01:28:00	46.1	47.0	45.0
16-Jan-10	01:33:00	45.5	46.5	44.4
16-Jan-10	01:38:00	46.6	48.9	44.3
16-Jan-10	01:43:00	45.8	47.3	44.4
16-Jan-10	01:48:00	45.5	46.5	44.4
16-Jan-10	01:53:00	46.7	47.9	45.3
16-Jan-10	01:58:00	47.8	49.8	45.9
16-Jan-10	02:03:00	47.3	49.0	45.3
16-Jan-10	02:08:00	47.8	49.5	46.0
16-Jan-10	02:13:00	49.4	51.8	46.4
16-Jan-10	02:18:00	49.5	52.1	47.1
16-Jan-10	02:23:00	52.2	54.4	49.2
16-Jan-10	02:28:00	47.1	48.7	45.3
16-Jan-10	02:33:00	47.3	49.7	45.1
16-Jan-10	02:38:00	53.8	56.7	48.1
16-Jan-10	02:43:00	46.2	47.3	45.2
16-Jan-10	02:48:00	47.1	49.3	45.1
16-Jan-10	02:53:00	46.0	47.5	44.4
16-Jan-10	02:58:00	46.7	47.3	44.7
16-Jan-10	03:03:00	47.2	49.0	45.1
16-Jan-10	03:08:00	46.7	48.4	45.1
16-Jan-10	03:13:00	46.2	47.4	45.0
16-Jan-10	03:18:00	45.5	46.1	44.3
16-Jan-10	03:23:00	45.6	46.5	44.8
16-Jan-10	03:28:00	47.7	49.8	45.4
16-Jan-10	03:33:00	49.2	50.8	47.0
16-Jan-10	03:38:00	50.3	51.9	48.1
16-Jan-10	03:43:00	47.5	49.9	45.1
16-Jan-10	03:48:00	45.9	46.9	44.5
16-Jan-10	03:53:00	45.7	46.8	44.9
16-Jan-10	03:58:00	46.1	47.1	44.9
16-Jan-10	04:03:00	48.7	51.5	45.7
16-Jan-10	04:08:00	50.4	52.7	46.7
16-Jan-10	04:13:00	54.4	58.2	48.1

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
16-Jan-10	04:18:00	47.5	49.3	45.7
16-Jan-10	04:23:00	46.3	47.2	45.2
16-Jan-10	04:28:00	48.3	50.8	45.9
16-Jan-10	04:33:00	48.8	51.7	45.5
16-Jan-10	04:38:00	46.1	47.0	45.1
16-Jan-10	04:43:00	47.2	48.4	45.6
16-Jan-10	04:48:00	46.9	47.8	46.0
16-Jan-10	04:53:00	45.9	46.8	45.0
16-Jan-10	04:58:00	46.9	47.9	45.5
16-Jan-10	05:03:00	46.6	47.7	45.3
16-Jan-10	05:08:00	46.1	46.9	45.1
16-Jan-10	05:13:00	47.0	48.3	45.3
16-Jan-10	05:18:00	47.6	49.8	45.5
16-Jan-10	05:23:00	46.2	47.0	45.1
16-Jan-10	05:28:00	46.2	47.6	45.0
16-Jan-10	05:33:00	46.4	48.3	45.0
16-Jan-10	05:38:00	47.0	48.3	45.3
16-Jan-10	05:43:00	46.6	47.8	45.1
16-Jan-10	05:48:00	46.9	47.9	45.9
16-Jan-10	05:53:00	48.3	50.1	46.3
16-Jan-10	05:58:00	48.8	50.8	46.6
16-Jan-10	06:03:00	48.1	49.9	45.7
16-Jan-10	06:08:00	47.6	49.6	45.4
16-Jan-10	06:13:00	47.3	48.6	46.0
16-Jan-10	06:18:00	52.1	55.1	47.6
16-Jan-10	06:23:00	49.3	50.5	47.1
16-Jan-10	06:28:00	49.2	51.1	47.3
16-Jan-10	06:33:00	50.5	52.5	48.1
16-Jan-10	06:38:00	55.3	57.6	53.0
16-Jan-10	06:43:00	56.0	58.7	51.4
16-Jan-10	06:48:00	53.5	56.7	48.2
16-Jan-10	06:53:00	52.0	54.3	48.0
16-Jan-10	06:58:00	50.8	53.2	47.3
16-Jan-10	23:03:00	48.9	50.4	46.7
16-Jan-10	23:08:00	51.0	52.9	48.2
16-Jan-10	23:13:00	49.2	50.8	47.2
16-Jan-10	23:18:00	48.6	50.1	46.4
16-Jan-10	23:23:00	47.9	48.9	46.4
16-Jan-10	23:28:00	49.4	52.4	46.2
16-Jan-10	23:33:00	47.7	48.8	46.1
16-Jan-10	23:38:00	48.7	49.8	47.0
16-Jan-10	23:43:00	50.9	55.2	46.4
16-Jan-10	23:48:00	49.2	51.0	46.7
16-Jan-10	23:53:00	50.9	52.5	46.0
16-Jan-10	23:58:00	48.8	50.8	46.0

Mean            49.0            51.1            46.4  
 Maximum        56.0            58.7            53.0  
 Minimum        45.5            46.1            44.3

## **Appendix A3**

### **Night Time Noise Level at Mei Chun Court, South Horizons (M9)**

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
17-Jan-10	00:03:00	51.0	53.1	48.2
17-Jan-10	00:08:00	50.9	53.6	47.9
17-Jan-10	00:13:00	49.3	50.8	47.1
17-Jan-10	00:18:00	50.6	52.9	47.5
17-Jan-10	00:23:00	50.1	52.6	46.9
17-Jan-10	00:28:00	50.8	53.0	46.6
17-Jan-10	00:33:00	47.0	48.5	45.1
17-Jan-10	00:38:00	49.0	52.3	45.3
17-Jan-10	00:43:00	47.6	49.8	45.1
17-Jan-10	00:48:00	47.6	49.8	44.6
17-Jan-10	00:53:00	47.6	50.3	45.0
17-Jan-10	00:58:00	47.4	49.4	44.7
17-Jan-10	01:03:00	47.6	49.7	45.2
17-Jan-10	01:08:00	46.7	47.9	45.1
17-Jan-10	01:13:00	47.8	49.7	45.5
17-Jan-10	01:18:00	47.4	48.9	45.6
17-Jan-10	01:23:00	46.7	48.1	45.1
17-Jan-10	01:28:00	49.1	51.2	45.9
17-Jan-10	01:33:00	47.9	49.8	45.5
17-Jan-10	01:38:00	47.1	48.6	45.0
17-Jan-10	01:43:00	46.8	49.1	44.4
17-Jan-10	01:48:00	48.0	51.5	44.2
17-Jan-10	01:53:00	47.2	49.7	44.0
17-Jan-10	01:58:00	47.2	48.1	44.2
17-Jan-10	02:03:00	45.0	45.8	44.1
17-Jan-10	02:08:00	45.3	46.0	44.2
17-Jan-10	02:13:00	47.4	48.9	45.8
17-Jan-10	02:18:00	46.1	46.9	45.1
17-Jan-10	02:23:00	45.9	46.9	45.0
17-Jan-10	02:28:00	45.4	46.2	44.4
17-Jan-10	02:33:00	46.6	48.3	45.1
17-Jan-10	02:38:00	46.9	48.3	45.4
17-Jan-10	02:43:00	48.7	51.5	45.3
17-Jan-10	02:48:00	53.3	56.5	47.6
17-Jan-10	02:53:00	51.9	55.1	45.0
17-Jan-10	02:58:00	44.9	45.7	44.1
17-Jan-10	03:03:00	47.7	49.8	45.5
17-Jan-10	03:08:00	52.2	53.7	50.1
17-Jan-10	03:13:00	49.7	51.2	47.9
17-Jan-10	03:18:00	51.2	53.5	47.9
17-Jan-10	03:23:00	49.0	51.9	45.6
17-Jan-10	03:28:00	46.5	47.9	45.0
17-Jan-10	03:33:00	48.8	51.6	46.1
17-Jan-10	03:38:00	46.6	47.8	45.3
17-Jan-10	03:43:00	48.4	50.1	46.2
17-Jan-10	03:48:00	51.8	56.1	46.7
17-Jan-10	03:53:00	48.6	51.6	45.5
17-Jan-10	03:58:00	48.7	50.8	45.9
17-Jan-10	04:03:00	48.1	50.7	45.1
17-Jan-10	04:08:00	47.4	49.4	45.2
17-Jan-10	04:13:00	49.6	52.0	46.3

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
17-Jan-10	04:18:00	50.5	53.3	47.1
17-Jan-10	04:23:00	48.8	51.2	46.1
17-Jan-10	04:28:00	51.3	53.7	47.4
17-Jan-10	04:33:00	49.4	52.5	45.9
17-Jan-10	04:38:00	47.6	48.9	46.2
17-Jan-10	04:43:00	51.1	53.3	48.0
17-Jan-10	04:48:00	46.8	48.6	45.1
17-Jan-10	04:53:00	46.0	46.8	45.0
17-Jan-10	04:58:00	45.8	46.7	45.0
17-Jan-10	05:03:00	50.1	52.9	45.6
17-Jan-10	05:08:00	46.1	46.9	45.1
17-Jan-10	05:13:00	46.4	46.9	45.0
17-Jan-10	05:18:00	47.1	48.6	45.5
17-Jan-10	05:23:00	46.4	47.5	45.2
17-Jan-10	05:28:00	47.5	49.4	45.5
17-Jan-10	05:33:00	46.8	47.3	45.0
17-Jan-10	05:38:00	49.3	51.3	46.6
17-Jan-10	05:43:00	47.5	49.2	45.5
17-Jan-10	05:48:00	52.5	50.5	45.5
17-Jan-10	05:53:00	51.5	51.4	46.5
17-Jan-10	05:58:00	49.3	52.4	46.5
17-Jan-10	06:03:00	52.3	55.5	48.9
17-Jan-10	06:08:00	48.5	49.8	46.7
17-Jan-10	06:13:00	53.0	57.4	46.8
17-Jan-10	06:18:00	52.2	54.6	48.9
17-Jan-10	06:23:00	49.4	51.2	46.8
17-Jan-10	06:28:00	47.9	48.9	46.1
17-Jan-10	06:33:00	51.2	53.7	47.6
17-Jan-10	06:38:00	51.6	54.4	48.5
17-Jan-10	06:43:00	50.8	54.3	47.4
17-Jan-10	06:48:00	52.5	56.1	47.0
17-Jan-10	06:53:00	50.2	51.3	46.1
17-Jan-10	06:58:00	51.3	53.4	46.6
17-Jan-10	23:03:00	54.1	53.0	49.2
17-Jan-10	23:08:00	49.7	52.2	47.0
17-Jan-10	23:13:00	49.6	51.8	47.1
17-Jan-10	23:18:00	49.1	50.9	47.1
17-Jan-10	23:23:00	48.7	50.0	47.2
17-Jan-10	23:28:00	51.3	53.3	49.0
17-Jan-10	23:33:00	50.5	53.3	47.0
17-Jan-10	23:38:00	57.5	50.5	46.5
17-Jan-10	23:43:00	48.4	50.2	46.3
17-Jan-10	23:48:00	48.2	50.0	45.8
17-Jan-10	23:53:00	49.7	50.1	46.6
17-Jan-10	23:58:00	49.0	50.6	47.2

Mean            49.6            51.5            46.3  
 Maximum        57.5            57.4            50.1  
 Minimum        44.9            45.7            44.0

## **Appendix A3**

### **Night Time Noise Level at Mei Chun Court, South Horizons (M9)**

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
18-Jan-10	00:03:00	51.4	53.2	48.6
18-Jan-10	00:08:00	51.0	53.0	46.2
18-Jan-10	00:13:00	48.4	49.9	46.2
18-Jan-10	00:18:00	47.7	48.9	46.2
18-Jan-10	00:23:00	47.9	50.1	45.2
18-Jan-10	00:28:00	47.9	49.6	45.5
18-Jan-10	00:33:00	52.9	55.9	48.2
18-Jan-10	00:38:00	50.0	52.4	46.7
18-Jan-10	00:43:00	50.4	52.9	46.2
18-Jan-10	00:48:00	47.9	50.6	44.9
18-Jan-10	00:53:00	47.3	49.0	45.1
18-Jan-10	00:58:00	46.3	47.9	44.3
18-Jan-10	01:03:00	49.2	51.7	46.0
18-Jan-10	01:08:00	47.6	48.8	46.1
18-Jan-10	01:13:00	48.8	50.7	46.3
18-Jan-10	01:18:00	47.5	49.8	44.6
18-Jan-10	01:23:00	46.1	47.7	44.4
18-Jan-10	01:28:00	45.8	47.6	44.2
18-Jan-10	01:33:00	48.3	50.5	45.1
18-Jan-10	01:38:00	47.0	48.9	44.5
18-Jan-10	01:43:00	45.4	46.7	44.2
18-Jan-10	01:48:00	54.0	57.5	46.8
18-Jan-10	01:53:00	50.0	52.7	46.1
18-Jan-10	01:58:00	46.0	47.9	44.1
18-Jan-10	02:03:00	46.3	48.3	44.2
18-Jan-10	02:08:00	45.3	46.7	44.1
18-Jan-10	02:13:00	46.5	47.8	44.1
18-Jan-10	02:18:00	51.7	55.9	44.2
18-Jan-10	02:23:00	46.1	48.2	44.0
18-Jan-10	02:28:00	46.2	47.6	45.0
18-Jan-10	02:33:00	46.1	47.5	44.4
18-Jan-10	02:38:00	49.6	48.8	45.3
18-Jan-10	02:43:00	46.6	48.1	45.1
18-Jan-10	02:48:00	46.3	47.8	44.5
18-Jan-10	02:53:00	48.8	52.1	44.4
18-Jan-10	02:58:00	48.0	50.7	44.9
18-Jan-10	03:03:00	45.8	47.1	44.4
18-Jan-10	03:08:00	46.3	47.4	45.1
18-Jan-10	03:13:00	48.8	49.9	46.6
18-Jan-10	03:18:00	47.6	49.6	45.3
18-Jan-10	03:23:00	45.4	46.2	44.3
18-Jan-10	03:28:00	47.6	49.6	45.1
18-Jan-10	03:33:00	47.0	48.5	45.4
18-Jan-10	03:38:00	50.0	53.1	45.5
18-Jan-10	03:43:00	46.3	47.8	44.8
18-Jan-10	03:48:00	46.6	47.8	45.0
18-Jan-10	03:53:00	45.6	46.7	44.3
18-Jan-10	03:58:00	46.9	48.4	45.2
18-Jan-10	04:03:00	46.5	47.4	45.1
18-Jan-10	04:08:00	47.7	49.5	45.3
18-Jan-10	04:13:00	46.2	47.3	45.1

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
18-Jan-10	04:18:00	48.5	50.3	45.5
18-Jan-10	04:23:00	45.5	46.3	44.3
18-Jan-10	04:28:00	45.3	45.9	44.3
18-Jan-10	04:33:00	45.4	45.9	44.3
18-Jan-10	04:38:00	48.8	51.4	45.1
18-Jan-10	04:43:00	46.0	47.1	44.7
18-Jan-10	04:48:00	46.8	48.7	45.0
18-Jan-10	04:53:00	46.6	48.3	44.6
18-Jan-10	04:58:00	45.2	45.9	44.2
18-Jan-10	05:03:00	50.9	55.0	45.1
18-Jan-10	05:08:00	47.4	48.9	45.9
18-Jan-10	05:13:00	47.5	49.0	45.5
18-Jan-10	05:18:00	47.2	48.4	45.6
18-Jan-10	05:23:00	48.4	50.8	46.0
18-Jan-10	05:28:00	48.7	50.9	45.7
18-Jan-10	05:33:00	46.7	48.5	45.0
18-Jan-10	05:38:00	46.4	47.4	45.1
18-Jan-10	05:43:00	46.7	47.9	45.3
18-Jan-10	05:48:00	46.9	48.2	45.6
18-Jan-10	05:53:00	52.6	53.6	45.9
18-Jan-10	05:58:00	47.1	48.7	45.4
18-Jan-10	06:03:00	48.1	49.9	45.7
18-Jan-10	06:08:00	48.9	51.2	46.2
18-Jan-10	06:13:00	49.8	51.4	45.7
18-Jan-10	06:18:00	50.3	53.2	45.7
18-Jan-10	06:23:00	48.0	49.6	45.9
18-Jan-10	06:28:00	48.3	49.6	46.0
18-Jan-10	06:33:00	49.2	52.0	46.1
18-Jan-10	06:38:00	51.3	54.4	47.2
18-Jan-10	06:43:00	51.4	53.8	47.4
18-Jan-10	06:48:00	50.9	52.8	48.0
18-Jan-10	06:53:00	51.0	53.2	48.2
18-Jan-10	06:58:00	52.1	54.0	47.6
18-Jan-10	23:03:00	52.9	56.2	48.2
18-Jan-10	23:08:00	49.5	50.4	46.5
18-Jan-10	23:13:00	48.2	49.7	46.4
18-Jan-10	23:18:00	49.6	52.3	46.3
18-Jan-10	23:23:00	47.6	49.3	45.8
18-Jan-10	23:28:00	47.2	48.7	45.5
18-Jan-10	23:33:00	48.9	51.1	46.1
18-Jan-10	23:38:00	49.2	51.1	47.0
18-Jan-10	23:43:00	48.1	49.5	46.3
18-Jan-10	23:48:00	47.7	49.2	46.0
18-Jan-10	23:53:00	46.7	47.7	45.3
18-Jan-10	23:58:00	49.0	51.1	46.2

Mean                    48.6                    50.7                    45.7  
 Maximum                54.0                    57.5                    48.6  
 Minimum                45.2                    45.9                    44.0

## **Appendix A3**

### **Night Time Noise Level at Mei Chun Court, South Horizons (M9)**

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
19-Jan-10	00:03:00	49.6	52.7	46.1
19-Jan-10	00:08:00	47.8	49.5	46.0
19-Jan-10	00:13:00	48.8	50.9	46.6
19-Jan-10	00:18:00	50.5	52.8	47.4
19-Jan-10	00:23:00	50.1	52.9	46.8
19-Jan-10	00:28:00	48.1	49.6	46.4
19-Jan-10	00:33:00	50.0	52.3	46.7
19-Jan-10	00:38:00	48.3	50.3	46.2
19-Jan-10	00:43:00	47.9	49.9	46.0
19-Jan-10	00:48:00	46.9	47.8	45.7
19-Jan-10	00:53:00	46.6	47.6	45.3
19-Jan-10	00:58:00	51.4	54.6	47.1
19-Jan-10	01:03:00	47.6	49.0	46.1
19-Jan-10	01:08:00	47.4	49.2	45.5
19-Jan-10	01:13:00	47.5	49.2	45.8
19-Jan-10	01:18:00	48.1	50.5	45.5
19-Jan-10	01:23:00	46.8	48.3	45.1
19-Jan-10	01:28:00	47.0	48.3	45.4
19-Jan-10	01:33:00	46.4	47.1	45.2
19-Jan-10	01:38:00	48.4	50.4	46.0
19-Jan-10	01:43:00	47.0	47.8	45.4
19-Jan-10	01:48:00	46.7	47.9	45.3
19-Jan-10	01:53:00	46.8	47.9	45.5
19-Jan-10	01:58:00	47.6	49.2	46.1
19-Jan-10	02:03:00	47.6	49.2	45.9
19-Jan-10	02:08:00	51.0	53.2	47.3
19-Jan-10	02:13:00	46.5	47.3	45.7
19-Jan-10	02:18:00	46.1	46.9	45.1
19-Jan-10	02:23:00	46.3	46.9	45.1
19-Jan-10	02:28:00	47.2	48.7	45.5
19-Jan-10	02:33:00	47.2	48.2	46.1
19-Jan-10	02:38:00	46.4	47.3	45.2
19-Jan-10	02:43:00	46.2	46.9	45.1
19-Jan-10	02:48:00	46.8	48.1	45.1
19-Jan-10	02:53:00	46.1	46.8	45.1
19-Jan-10	02:58:00	46.6	47.6	45.2
19-Jan-10	03:03:00	46.2	46.9	45.1
19-Jan-10	03:08:00	46.6	47.5	45.4
19-Jan-10	03:13:00	50.1	53.6	45.7
19-Jan-10	03:18:00	49.2	51.0	47.2
19-Jan-10	03:23:00	46.9	49.2	45.1
19-Jan-10	03:28:00	47.0	48.7	45.2
19-Jan-10	03:33:00	46.4	47.5	45.1
19-Jan-10	03:38:00	49.6	52.4	46.3
19-Jan-10	03:43:00	47.1	47.9	46.0
19-Jan-10	03:48:00	49.8	52.1	47.2
19-Jan-10	03:53:00	47.3	48.5	45.2
19-Jan-10	03:58:00	46.9	48.6	45.2
19-Jan-10	04:03:00	46.3	47.5	45.1
19-Jan-10	04:08:00	46.2	47.3	45.1
19-Jan-10	04:13:00	46.9	48.2	45.5

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
19-Jan-10	04:18:00	49.8	53.0	46.2
19-Jan-10	04:23:00	46.7	46.7	45.0
19-Jan-10	04:28:00	46.4	46.9	45.1
19-Jan-10	04:33:00	49.2	51.7	46.2
19-Jan-10	04:38:00	47.2	48.4	45.6
19-Jan-10	04:43:00	49.5	51.9	46.6
19-Jan-10	04:48:00	47.8	49.7	46.0
19-Jan-10	04:53:00	45.9	46.8	45.1
19-Jan-10	04:58:00	46.8	48.5	45.2
19-Jan-10	05:03:00	46.3	47.4	45.1
19-Jan-10	05:08:00	47.0	48.4	45.5
19-Jan-10	05:13:00	45.9	46.9	45.0
19-Jan-10	05:18:00	46.8	47.9	45.2
19-Jan-10	05:23:00	46.0	46.8	45.1
19-Jan-10	05:28:00	46.2	46.9	45.2
19-Jan-10	05:33:00	49.2	51.4	46.2
19-Jan-10	05:38:00	47.0	48.7	45.2
19-Jan-10	05:43:00	46.9	47.9	45.3
19-Jan-10	05:48:00	47.6	48.8	46.1
19-Jan-10	05:53:00	47.9	49.4	46.3
19-Jan-10	05:58:00	48.7	51.7	45.9
19-Jan-10	06:03:00	48.1	49.8	46.0
19-Jan-10	06:08:00	47.7	49.3	46.1
19-Jan-10	06:13:00	48.4	49.8	46.6
19-Jan-10	06:18:00	50.1	51.9	48.0
19-Jan-10	06:23:00	52.8	55.8	48.1
19-Jan-10	06:28:00	49.9	52.4	47.1
19-Jan-10	06:33:00	51.4	54.0	48.1
19-Jan-10	06:38:00	51.7	55.2	48.2
19-Jan-10	06:43:00	49.6	51.6	47.3
19-Jan-10	06:48:00	51.8	53.6	49.0
19-Jan-10	06:53:00	51.7	53.0	47.9
19-Jan-10	06:58:00	54.4	57.8	48.3
19-Jan-10	23:03:00	54.7	57.6	50.2
19-Jan-10	23:08:00	53.1	55.6	50.2
19-Jan-10	23:13:00	48.2	49.8	46.5
19-Jan-10	23:18:00	48.1	49.7	46.3
19-Jan-10	23:23:00	48.6	50.6	46.4
19-Jan-10	23:28:00	48.2	49.8	46.1
19-Jan-10	23:33:00	51.3	53.5	48.7
19-Jan-10	23:38:00	50.6	52.5	48.2
19-Jan-10	23:43:00	49.5	51.1	47.3
19-Jan-10	23:48:00	48.9	51.1	46.1
19-Jan-10	23:53:00	47.3	48.5	45.5
19-Jan-10	23:58:00	48.2	50.7	45.8

Mean                    48.7                    50.8                    46.3  
 Maximum                54.7                    57.8                    50.2  
 Minimum                45.9                    46.7                    45.0

Summary of Night Time Noise Level at Mei Chun Court, South Horizons (M9)			
	Leq	L10	L90
Mean	49.4	51.7	46.1
Max	64.6	69.7	53.0
Min	44.8	45.6	44.0

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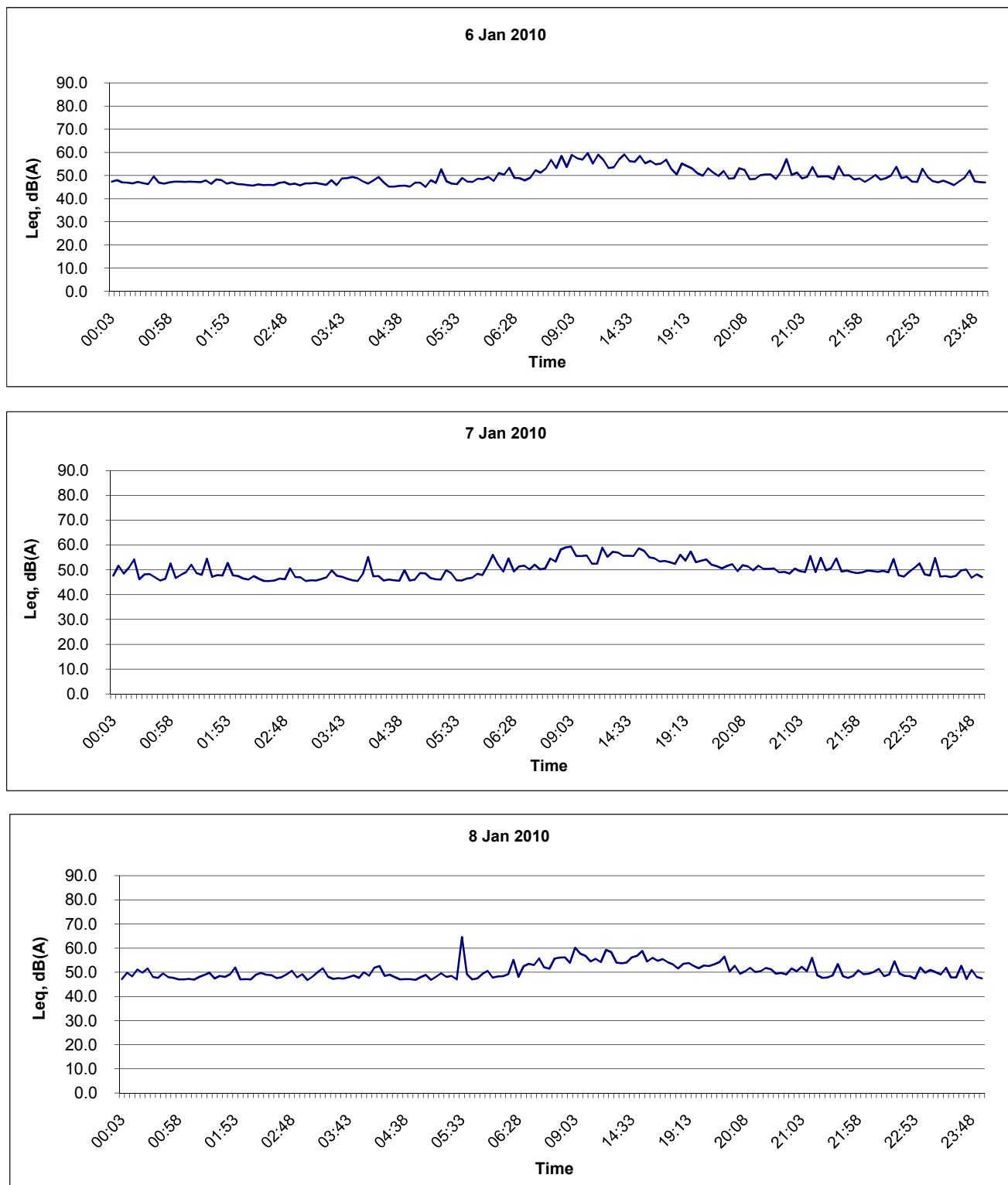
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**APPENDIX A4**  
**Graphical Presentation of Baseline Noise**  
**Levels**

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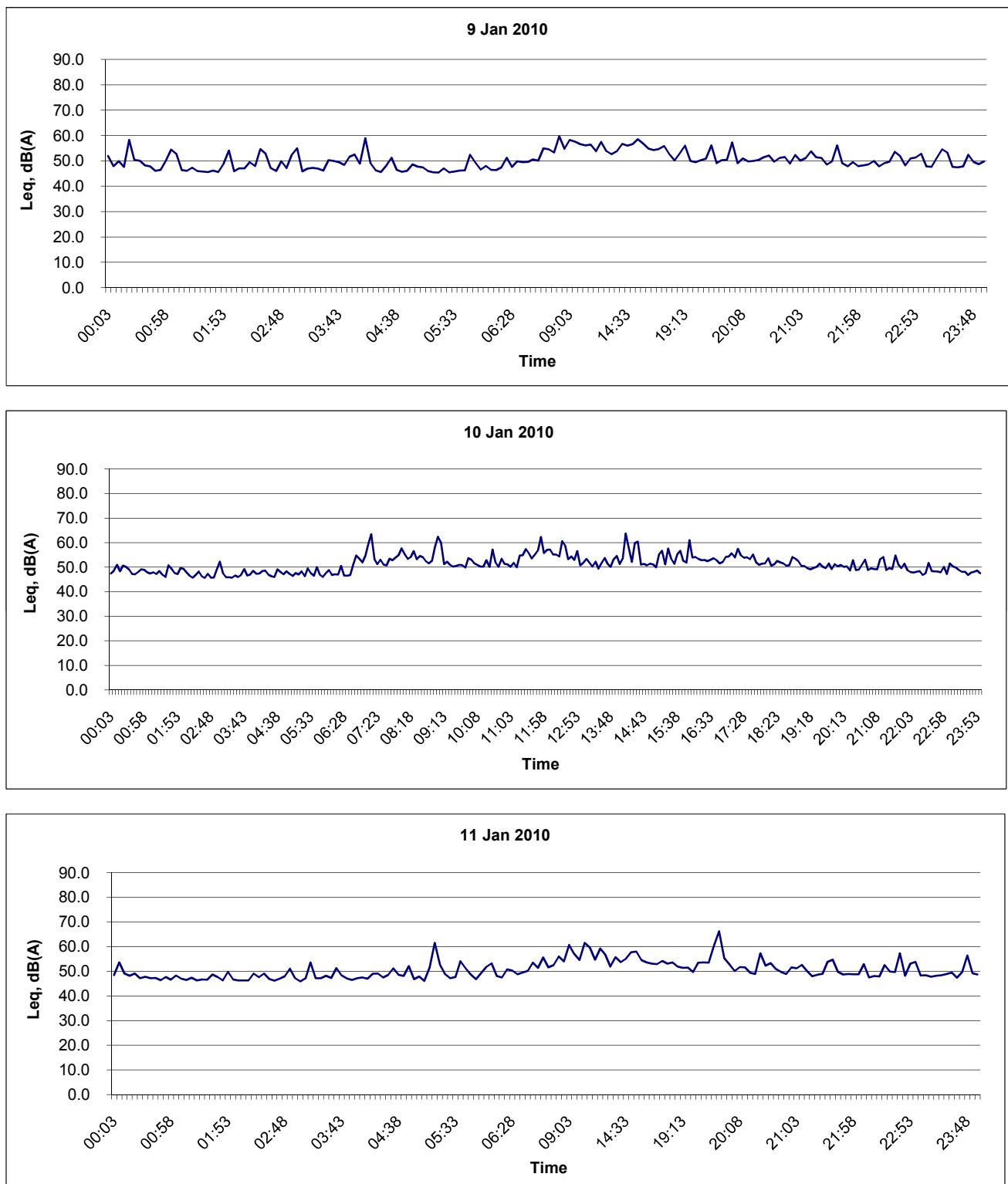
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## Noise Level at Mei Chun Court, South Horizons (M9)



Title Contract No. DC/2008/09 Harbour Area Treatment Scheme Stage 2A -Construction of Sewage Conveyance System from Ap Lei Chau to Aberdeen Graphical Presentation of Baseline Noise Levels at Mei Chun Court, South Horizons (M9)	Scale N.T.S	Project No. MA9042	CINOTECH
Date Jan 2010	Appendix A4		

## Noise Level at Mei Chun Court, South Horizons (M9)



Title

Contract No. DC/2008/09

Harbour Area Treatment Scheme Stage 2A

-Construction of Sewage Conveyance System from Ap Lei Chau to Aberdeen

Graphical Presentation of Baseline Noise Levels at  
Mei Chun Court, South Horizons (M9)

Scale

N.T.S

Project No.

MA9042

Date

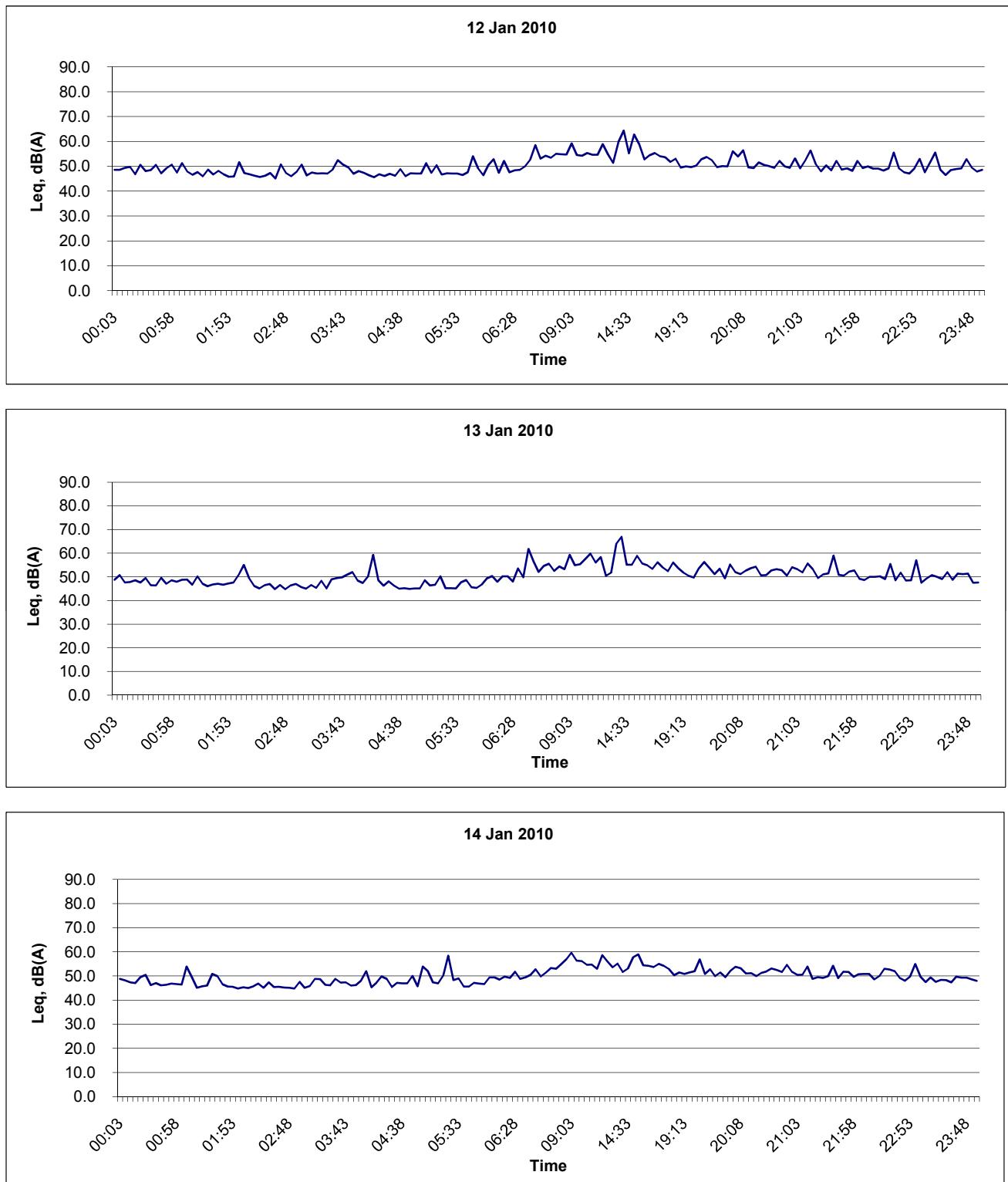
Jan 2010

Appendix

A4

**CINOTECH**

## Noise Level at Mei Chun Court, South Horizons (M9)



Title

Contract No. DC/2008/09

Harbour Area Treatment Scheme Stage 2A

-Construction of Sewage Conveyance System from Ap Lei Chau to Aberdeen

Graphical Presentation of Baseline Noise Levels at  
Mei Chun Court, South Horizons (M9)

Scale

N.T.S

Project No.

MA9042

Date

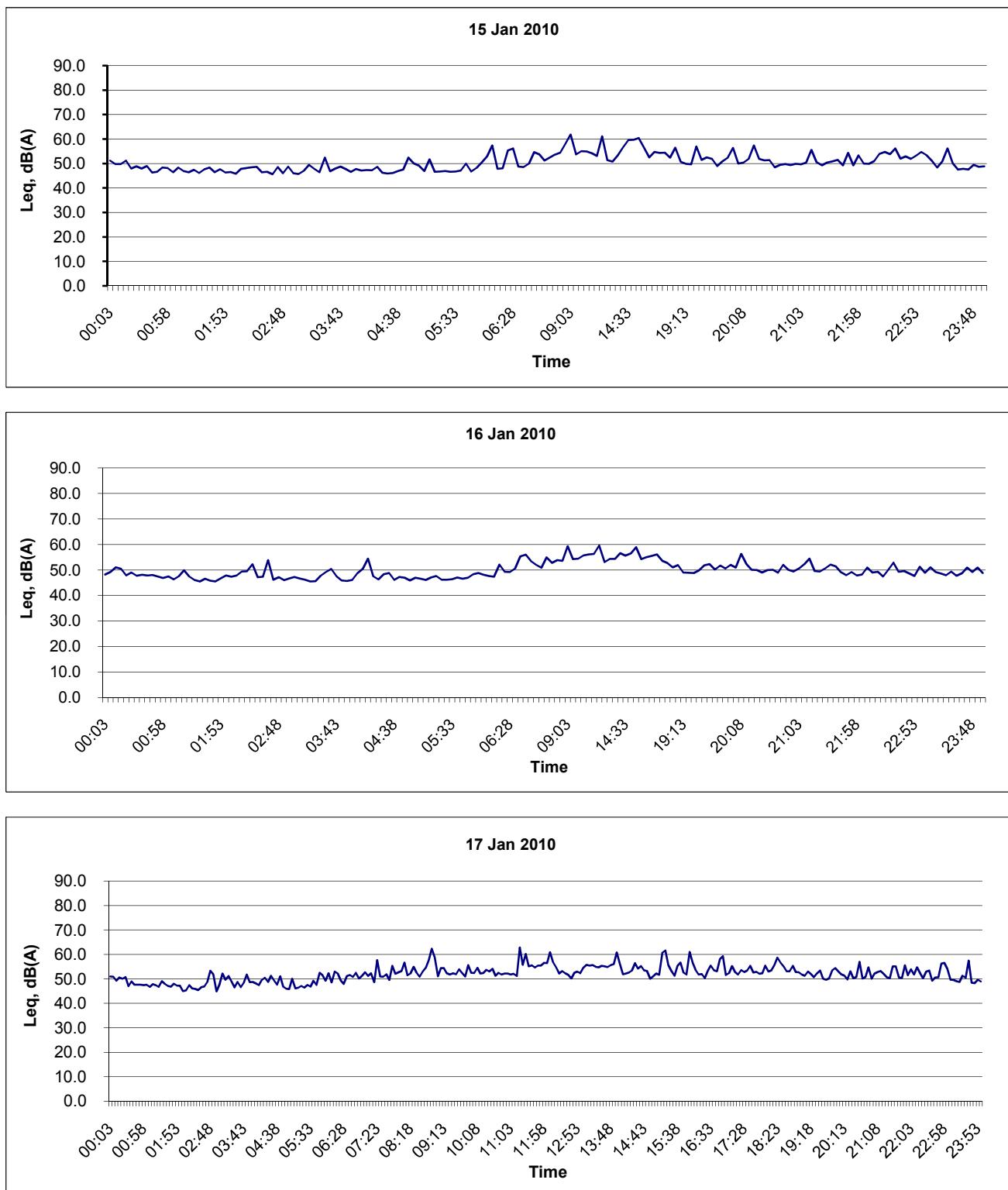
Jan 2010

Appendix

A4

**CINOTECH**

## Noise Level at Mei Chun Court, South Horizons (M9)



Title

Contract No. DC/2008/09

Harbour Area Treatment Scheme Stage 2A

-Construction of Sewage Conveyance System from Ap Lei Chau to Aberdeen

Graphical Presentation of Baseline Noise Levels at  
Mei Chun Court, South Horizons (M9)

Scale

N.T.S

Project No.

MA9042

Date

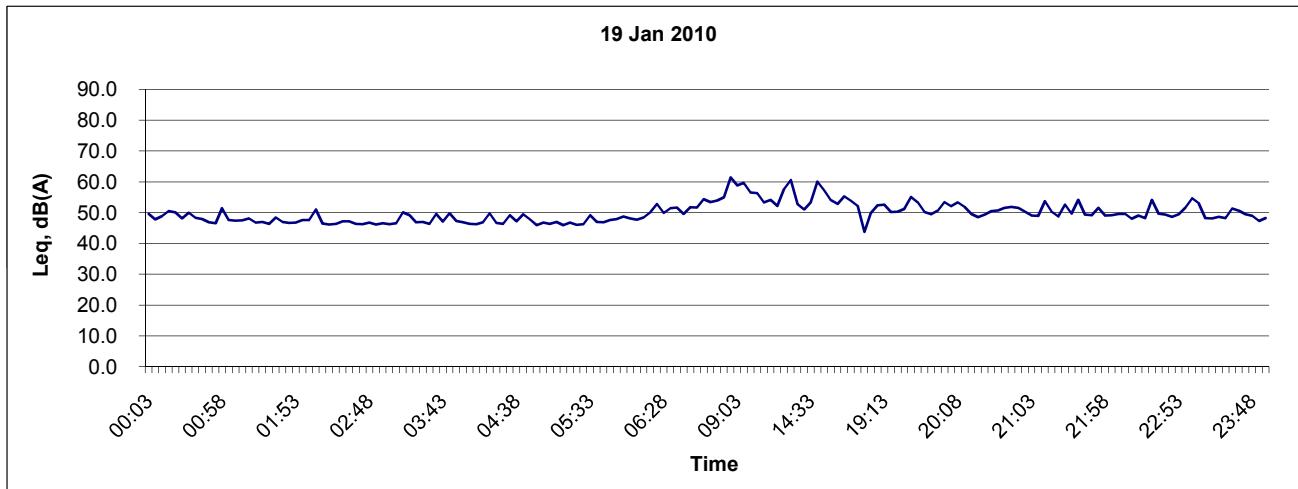
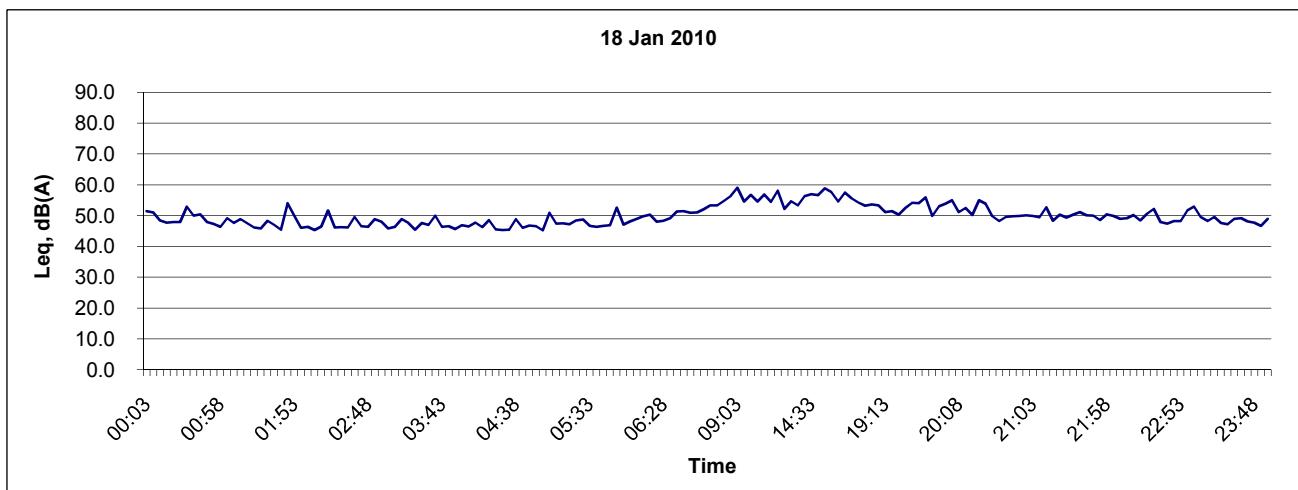
Jan 2010

Appendix

A4

**CINOTECH**

## Noise Level at Mei Chun Court, South Horizons (M9)



Title  Contract No. DC/2008/09 Harbour Area Treatment Scheme Stage 2A -Construction of Sewage Conveyance System from Ap Lei Chau to Aberdeen Graphical Presentation of Baseline Noise Levels at Mei Chun Court, South Horizons (M9)	Scale  N.T.S	Project No.  MA9042	<b>CINOTECH</b>
	Date  Jan 2010	Appendix  A4	

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**APPENDIX A5**  
**Copies of Calibration Certificates for Noise  
Monitoring Equipment**

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## TEST REPORT

**APPLICANT:** Cinotech Consultants Limited  
Room 1710, Technology Park,  
18 On Lai Street,  
Shatin, NT, Hong Kong

**ATTN:** Mr. Henry Leung

Test Report No.:	C/N/90925/3
Date of Issue:	2009-09-25
Date Received:	2009-09-24
Date Tested:	2009-09-24
Date Completed:	2009-09-25
Next Due Date:	2010-09-24

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### Certificate of Calibration

#### Item for calibration:

Description	: 'SVANTEK' Integrating Sound Level Meter
Manufacturer	: SVANTEK
Model No.	: SVAN 955
Serial No.	: 12563
Microphone No.	: 34377
Equipment No.	: N-08-03

#### Test conditions:

Room Temperatre	: 23 degree Celsius
Relative Humidity	: 58%

#### Test Specifications:

Performance checking at 94 and 114 dB

#### Methodology:

In-house method, according to manufacturer instruction manual

#### Results:

Reference Set Point, dB	Instrument Readings, dB
94	94.0
114	114.0

*Prepared and Checked By:*

For and On Behalf of **WELLAB Ltd.**

PATRICK TSE  
Laboratory Manager

## TEST REPORT

**APPLICANT:** Cinotech Consultants Limited  
Room 1710, Technology Park,  
18 On Lai Street,  
Shatin, NT, Hong Kong

Test Report No.:	C/N/90925/2
Date of Issue:	2009-09-25
Date Received:	2009-09-24
Date Tested:	2009-09-24
Date Completed:	2009-09-25
Next Due Date:	2010-09-24

**ATTN:** Mr. Henry Leung

Page: 1 of 1

### Item for calibration:

Description	: Acoustical Calibrator
Manufacturer	: SVANTEK
Model No.	: SV30A
Serial No.	: 10929
Equipment No.	: N-09-01

### Test conditions:

Room Temperatre	: 23 degree Celsius
Relative Humidity	: 58%

### Methodology:

The Sound Level Calibrator has been calibrated in accordance with the documented procedures and using standard(s) and instrument(s) which are recommended by the manufacturer, or equivalent.

### Results:

Sound Pressure Level (1kHz)	Measured SPL	Tolerance
At 94 dB SPL	94.0	94.0 ± 0.1 dB
At 114 dB SPL	114.0	114.0 ± 0.1 dB

*PREPARED AND CHECKED BY:  
For and On Behalf of WELLAB Ltd.*

  
**PATRICK TSE**  
*Laboratory Manager*

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**APPENDIX B**  
**Baseline Monitoring Schedule**

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**Contract No. DC/2008/09 Harbour Treatment Scheme Stage 2A**  
**Construction of Sewage Conveyance System from Ap Lei Chau to Aberdeen**  
**Baseline Noise Monitoring Schedule in January 2010**

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1-Jan	2-Jan
3-Jan	4-Jan	5-Jan	6-Jan	7-Jan	8-Jan	9-Jan
			Noise Monitoring at M9			
10-Jan	11-Jan	12-Jan	13-Jan	14-Jan	15-Jan	16-Jan
Noise Monitoring at M9						
17-Jan	18-Jan	19-Jan	20-Jan	21-Jan	22-Jan	23-Jan
Noise Monitoring at M9	Noise Monitoring at M9	Noise Monitoring at M9				
24-Jan	25-Jan	26-Jan	27-Jan	28-Jan	29-Jan	30-Jan
31-Jan						