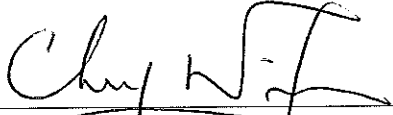


# Dragages-Nishimatsu Joint Venture

**Contract No. DC/2007/10**  
**Design and Construction of Hong Kong**  
**West Drainage Tunnel**  
Baseline Noise Monitoring Report for Intakes  
(Part II)  
(Version 1.0)

December 2008

Approved By   
(Environmental Team Leader)

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 Noise Monitoring Report for Intakes (Part II) was prepared by Cinotech Consultants Ltd. for the Project “Drainage Improvement in Northern Hong Kong Island – Hong Kong West Drainage Tunnel”. This report presents the baseline noise monitoring works performed for Intakes MA14 (P), DG1 and BR6 (P) – Part II started from 25 November and finished on 22 December 2008.

### **Intakes BR6 (P) – NC4, DG1 – NC5 & 6 and MA14 (P) – NC10**

2. Baseline noise monitoring was conducted at four designated monitoring stations i.e. Intakes BR6 (P) – Man Yuen Garden (NC4), Intake DG1 – Blk D Villa Monte Rosa (NC5) and Rosaryhill School (NC6), Intake MA14 – The Harbour View (NC10). The baseline noise monitoring for the four designated monitoring stations were conducted as follow:

Airborne Construction Noise Monitoring Stations	Descriptions	Location	Baseline Noise Monitoring
NC4	Man Yuen Garden	Intake BR6(P)	25 November 2008 – 8 December 2008
NC5	Blk D Villa Monte Rosa	Intake DG1	25 November 2008 – 8 December 2008
NC6	Rosaryhill School	Intake DG1	26 November 2008 – 10 December 2008
NC10	The Harbour View	Intake MA14(P)	9 December 2008 – 22 December 2008

3. Noise levels at the designated monitoring station were measured continuously for 24 hours 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



## 1 INTRODUCTION

### Background

- 1.1 Drainage Improvement in Northern Hong Kong Island – Hong Kong West Drainage Tunnel is a Designated Project (hereafter referred to as “the Project”) under the Environmental Impact Assessment Ordinance (Cap. 449). A study of environmental impact assessment (EIA) was undertaken to consider the key issues of air quality, noise, water quality, ecological, construction waste, landscape and visual, land use, cultural impacts, and identify possible mitigation measures associated with the works. An EIA Report was approved by the Environmental Protection Department (EPD) on 7 April 2006.
- 1.2 The project comprises the construction of a drainage tunnel deep into the ground in Mid-levels of the Northern Hong Kong Island from Tai Hang to Pokfulam to intercept and convey the stormwater from the upper catchment directly to the sea near Cyberport. The Drainage tunnel alignment starts from the Eastern Portal near Haw Par Mansion in Tai Hang and ends at the Western Portal located to the north of Cyberport running underneath the Pok Fu Lam, Tai Tam, Aberdeen and Lung Fu Shan Country Parks. The underground main drainage tunnel is 6.25m-7.25m in diameter and about 11km long. Two portals and a series of connecting adits and drop shafts are also been constructed. The general layout of the Project is shown in **Figure 1.1**.
- 1.3 An Environmental Permit (EP) No. EP-272/2007 was issued on 26 April 2007 for Drainage Improvement in Northern Hong Kong Island – Hong Kong West Drainage Tunnel to Drainage Services Department as the Permit Holder. Later, the further Environmental Permit (FEP-01/272/2007/A) was issued on 28 January 2008 to Dragages-Nishimatsu Joint Venture as the Permit Holder. A master construction programme of the Project is provided in **Appendix E**.
- 1.4 Cinotech Consultants Ltd. was designated as the Environmental Team (ET) to undertake the EM&A works for the Project. The Baseline Environmental Report for the first phase of the construction works at Eastern and Western Portals (land-based) and Western Portal (marine works) have been submitted on 14 May 2008 and 8 July 2008 respectively. Baseline Noise Monitoring for Intakes will be conducted separately. Baseline Noise Monitoring Report for Intakes (Part I) has been submitted on 26 November 2008. This Baseline Noise Monitoring Report for Intakes (Part II) is prepared by Cinotech for the Project prior to the commencement of construction activity at Intakes MA14 (P), DG1 and BR6 (P) in accordance with the updated EM&A Manual.

### Purpose of the Report

- 1.5 The purpose of 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**

1.6 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: Conclusions

## 2 NOISE

### Monitoring Requirements

- 2.1 Baseline noise monitoring was conducted at least 14 days at the monitoring station. The monitoring works for the four monitoring stations started from 25 November and finished on 22 December 2008. 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 1.2a-c**.

**Table 2.1 Location of Noise Monitoring Station**

Monitoring Station	Description	Location of Measurement
NC4	Man Yuen Garden	The balcony near the security guard at Man Yuen Garden
NC5	Blk D Villa Monte Rosa	The podium near Blk D Villa Monte Rosa
NC6	Rosaryhill School	The academic building of Rosaryhill School
NC10	The Harbour View	The balcony at The Harbour View

### 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 A**.

**Table 2.2 Noise Monitoring Equipment**

Equipment	Model and Make	Quantity
Integrating Sound Level Meter	SVAN 959 and 955	3
Calibrator	SV30A	1

*Note: SVANTEL Integrating Sound Level Meters are in compliance with the International Electrotechnical Commission Publications 651:1979 (Type1) and 804:1985 (Type1) as referred to in the Technical Memorandum to the Noise Control Ordinance.*

### 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	L <sub>eq</sub> , L <sub>10</sub> & L <sub>90</sub>
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))	
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 five monitoring stations.

**Table 2.4 Type of Measurement**

Monitoring Station	Measurement
NC4	Façade measurement
NC5	Façade measurement
NC6	Façade measurement
NC10	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 (Leq (30-min) would be determined for daytime noise by calculating the logarithmic average of six Leq (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 works were conducted at the designated station started from 25 November and finished on 22 December 2008. The monitoring schedule is shown in **Appendix D**.
- 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 B1 to B4**. Graphical presentations of the data are provided in **Appendix C**.

**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
<b>NC4</b>	64.5	73.0	59.4	67.2	74.4	62.7	59.2	70.0	47.8
<b>NC5</b>	66.1	75.9	52.1	68.0	79.7	53.5	51.8	60.5	44.4
<b>NC6</b>	64.1	75.8	49.9	66.7	74.9	51.8	56.8	65.0	47.0
<b>NC10</b>	71.7	74.4	68.3	74.6	76.6	71.8	62.1	65.2	53.7

**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 <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
NC4	61.6	76.1	55.1	65.0	82.0	59.6	52.3	59.6	46.3
NC5	62.1	76.3	43.8	63.7	81.1	44.4	48.8	66.9	41.3
NC6	57.4	70.3	45.8	60.0	73.5	46.6	51.3	63.8	44.9
NC10	69.9	74.7	64.4	73.1	76.3	66.0	59.1	66.5	52.0

**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
NC4	54.8	68.3	41.8	58.2	67.3	42.7	45.7	59.2	41.1
NC5	55.8	78.7	38.6	58.7	83.4	39.6	43.7	58.5	37.6
NC6	50.1	66.2	44.9	52.1	69.6	45.6	46.0	54.0	44.0
NC10	63.8	75.7	51.1	66.9	76.5	51.7	52.1	59.8	50.0

**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 stations NC4, NC5 and NC10 was road traffic noise.
  - Noise source identified at the monitoring stations NC6 was from the daily activities of the students.

**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**

<b>Time Period</b>	<b>Action Level</b>	<b>Limit Level</b>
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 the Intakes (Part II) i.e. BR6(P), DG1 and MA14 (P) were conducted as follow:-

Airborne Construction Noise Monitoring Stations	Descriptions	Location	Baseline Noise Monitoring
NC4	Man Yuen Garden	Intake BR6(P)	25 November 2008 – 8 December 2008
NC5	Blk D Villa Monte Rosa	Intake DG1	25 November 2008 – 8 December 2008
NC6	Rosaryhill School	Intake DG1	26 November 2008 – 10 December 2008
NC10	The Harbour View	Intake MA14(P)	9 December 2008 – 22 December 2008

- 4.2 The monitoring results were used to establish the ambient noise levels at the sensitive receiver prior to the construction at Intakes for the Project.
- 4.3 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.
- 4.4 Baseline noise monitoring was conducted at four monitoring station (Man Yuen Garden (NC4), Blk D Villa Monte Rosa (NC5) and Rosaryhill School (NC6) and The Harbour View (NC10)). The major noise source identified at the monitoring station, NC4, NC5 and NC10 was from the traffic noise but the major noise source identified at the monitoring stations NC6 was from the daily activities of the students. The baseline monitoring results are considered representative to the ambient noise level.



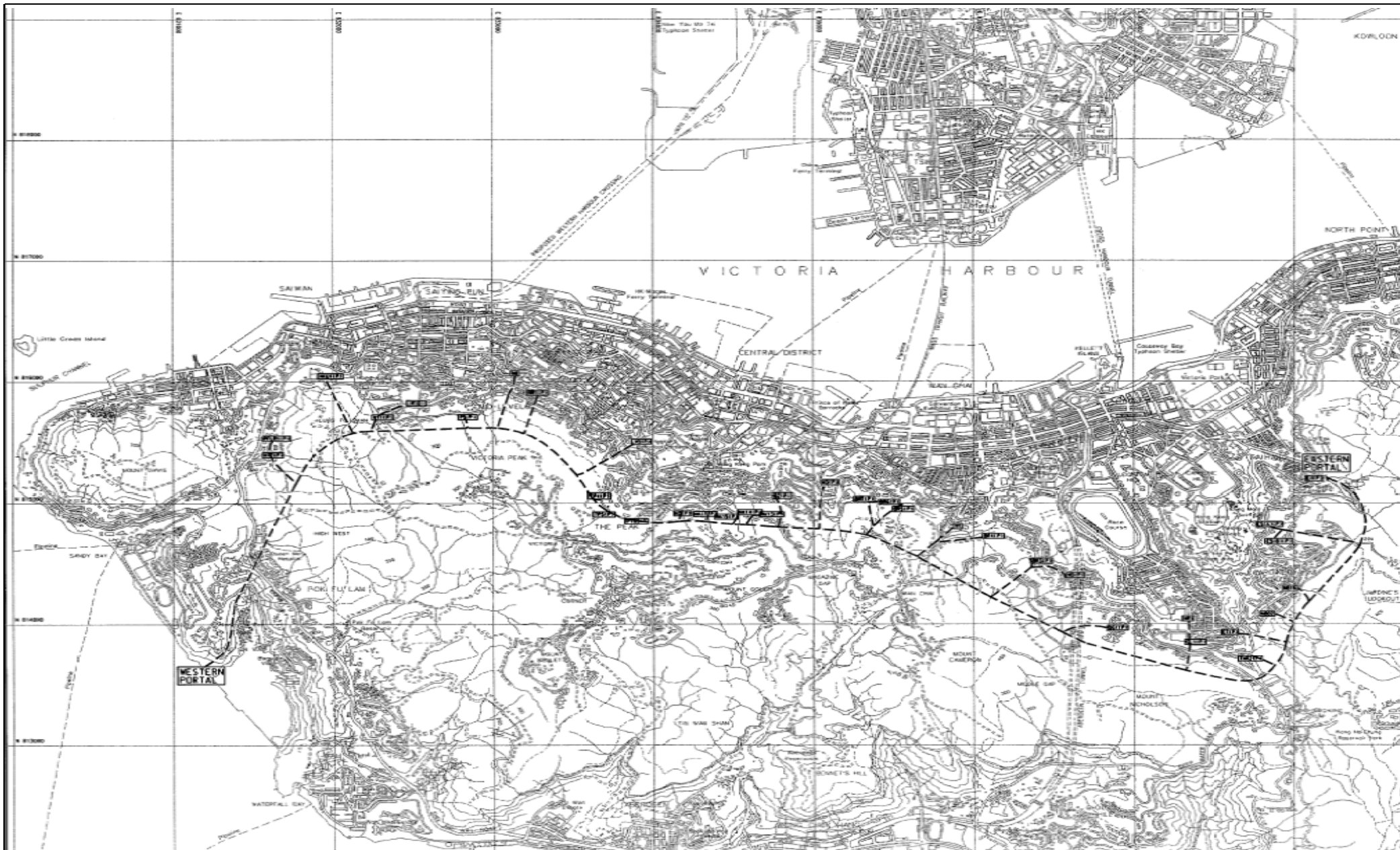
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## FIGURES

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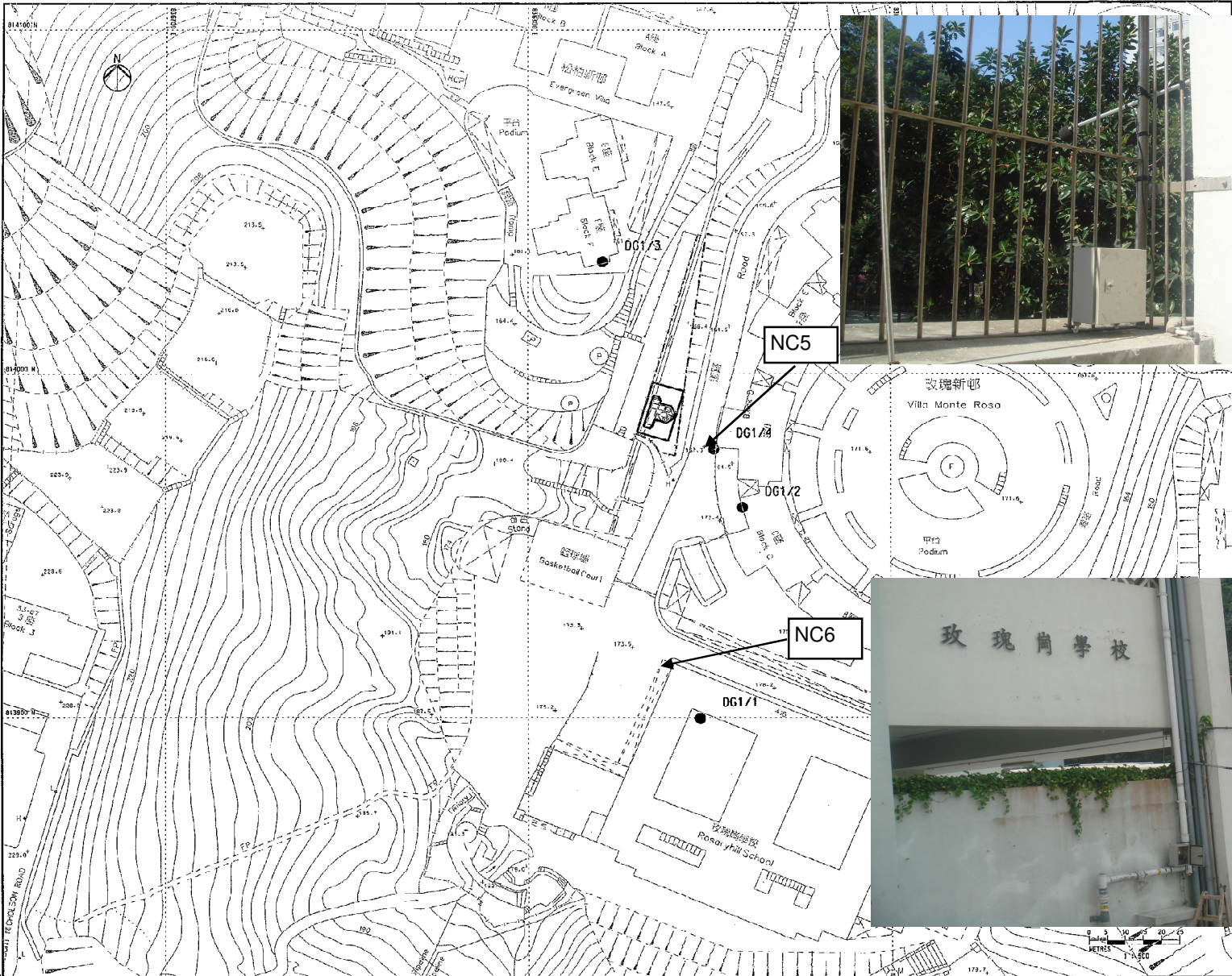
Title	Contract No. DC/2007/10		Scale	N.T.S	Project No.	MA8001	CINOTECH
	Design and Construction of Hong Kong West Drainage Tunnel		Date	Oct-08	Figure	1.1	
Site Layout Plan							



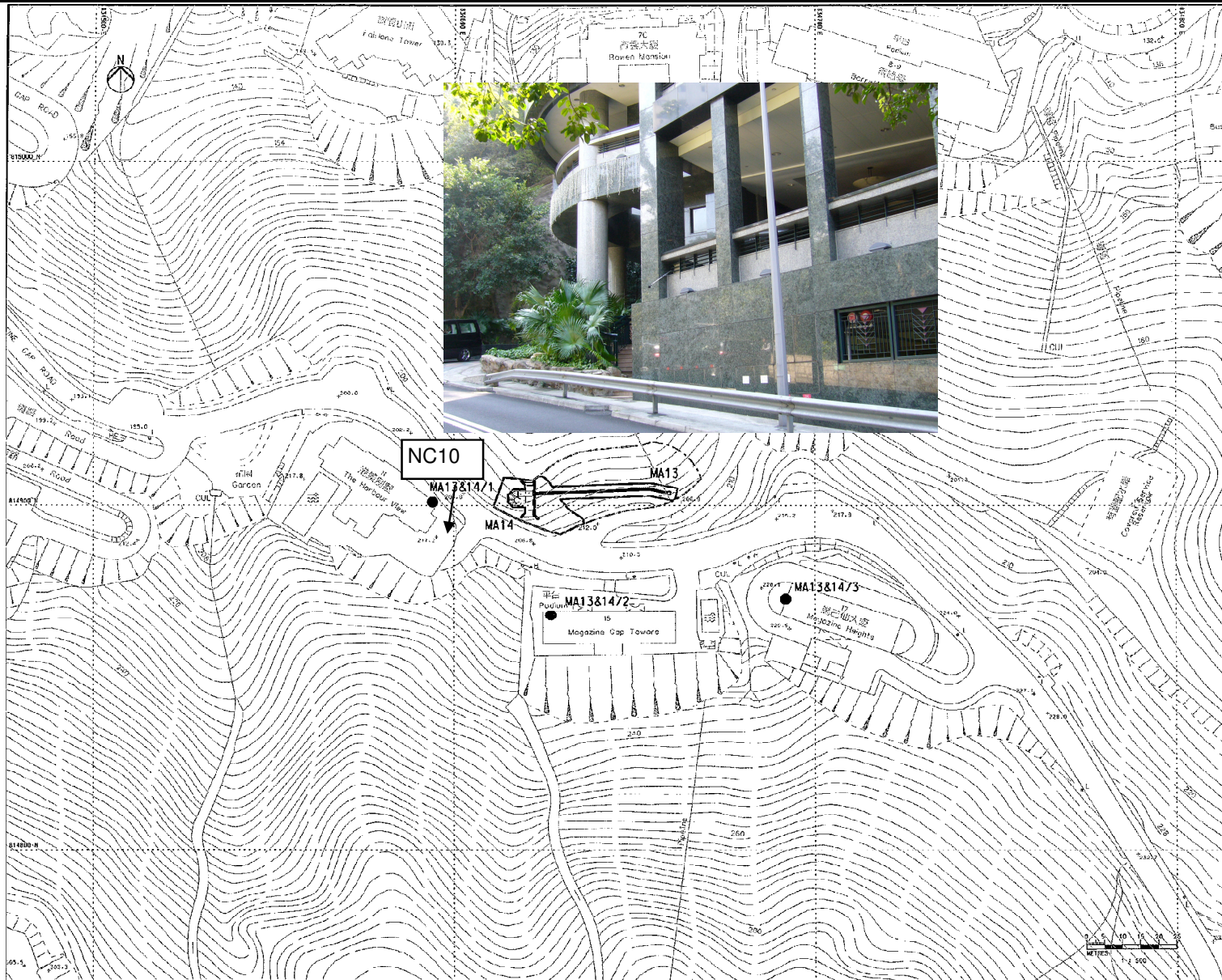
Title	Contract No. DC/2007/10		Scale	Project	
	Design and Construction of Hong Kong West Drainage Tunnel				No. MA8001
	(Intakes BR6)				
Locations of Noise Monitoring Stations		Date	Nov-08	Figure	1.2a







Title	Contract No. DC/2007/10		Scale	Project
	Design and Construction of Hong Kong West Drainage Tunnel		N.T.S	No. MA8001
	(Intake DG1)		Date	Figure
Locations of Noise Monitoring Stations		Nov-08	1.2b	CINOTECH



Title	Contract No. DC/2007/10		Scale	Project
	Design and Construction of Hong Kong West Drainage Tunnel (Intake MA14)		N.T.S	No. MA8001
Locations of Noise Monitoring Stations		Date	Figure	
		Dec-08	1.2c	CINOTECH

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**APPENDIX A  
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

Test Report No.:	C/N/80929/1
Date of Issue:	2008-09-29
Date Received:	2008-09-27
Date Tested:	2008-09-27
Date Completed:	2008-09-29
Next Due Date:	2009-09-28

**ATTN:** Mr. Henry Leung

Page: 1 of 1

### Certificate of Calibration

**Item for calibration:**

Description	: 'SVANTEK' Integrating Sound Level Meter
Manufacturer	: SVANTEK
Model No.	: SVAN 959
Serial No.	: 11275
Microphone No.	: 86553
Equipment No.	: N-08-01

**Test conditions:**

Room Temperature	: 22 degree Celsius
Relative Humidity	: 59%

**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/80925/1
Date of Issue:	2008-09-26
Date Received:	2008-09-25
Date Tested:	2008-09-25
Date Completed:	2008-09-26
Next Due Date:	2009-09-25

ATTN: Mr. Henry Leung

Page: 1 of 1

### Certificate of Calibration

**Item for calibration:**

Description	: 'SVANTEK' Integrating Sound Level Meter
Manufacturer	: SVANTEK
Model No.	: SVAN 955
Serial No.	: 12553
Microphone No.	: 35222
Equipment No.	: N-08-02

**Test conditions:**

Room Temperature	: 22 degree Celsius
Relative Humidity	: 59%

**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/80929/3
Date of Issue:	2008-09-29
Date Received:	2008-09-27
Date Tested:	2008-09-27
Date Completed:	2008-09-29
Next Due Date:	2009-09-28

ATTN: **Mr. Henry Leung**

Page: 1 of 1

### 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 Temperature	: 22 degree Celsius
Relative Humidity	: 59%

**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/80925/2
Date of Issue:	2008-09-26
Date Received:	2008-09-25
Date Tested:	2008-09-25
Date Completed:	2008-09-26
Next Due Date:	2009-09-25

**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 Temperature	: 22 degree Celsius
Relative Humidity	: 59%

### 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 B1  
DAY-TIME 07:00-19:00 BASELINE NOISE  
MONITORING DATA**

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## Appendix B1

### Day-time Noise Level at Man Yuen Garden (NC4)

Date	Noise Level for 30-min, dB(A)			
	Time	Leq	L10	L90
25-Nov-08	07:03:00	64.1	67.3	57.7
25-Nov-08	07:33:00	64.9	67.4	60.7
25-Nov-08	08:03:00	64.0	66.5	58.6
25-Nov-08	08:33:00	63.9	66.8	57.6
25-Nov-08	09:03:00	63.9	66.6	57.6
25-Nov-08	09:33:00	63.7	66.5	58.9
25-Nov-08	10:03:00	63.9	66.2	58.8
25-Nov-08	10:33:00	64.3	66.9	60.2
25-Nov-08	11:03:00	64.0	66.7	59.2
25-Nov-08	11:33:00	63.5	66.1	58.5
25-Nov-08	12:03:00	64.1	67.0	57.9
25-Nov-08	12:33:00	63.7	66.4	58.3
25-Nov-08	13:03:00	64.5	67.1	59.9
25-Nov-08	13:33:00	64.3	67.1	59.0
25-Nov-08	14:03:00	65.0	67.5	60.7
25-Nov-08	14:33:00	63.3	66.1	58.4
25-Nov-08	15:03:00	68.3	69.2	60.9
25-Nov-08	15:33:00	66.9	69.3	63.2
25-Nov-08	16:03:00	64.3	67.0	59.9
25-Nov-08	16:33:00	64.4	67.0	59.6
25-Nov-08	17:03:00	63.7	66.3	58.5
25-Nov-08	17:33:00	63.3	65.9	58.0
25-Nov-08	18:03:00	62.7	65.1	56.9
25-Nov-08	18:33:00	62.8	65.6	56.5

Mean 64.4 66.9 59.2  
 Maximum 68.3 69.3 63.2  
 Minimum 62.7 65.1 56.5

Date	Noise Level for 30-min, dB(A)			
	Time	Leq	L10	L90
26-Nov-08	07:03:00	64.3	67.7	56.3
26-Nov-08	07:33:00	64.9	67.3	60.8
26-Nov-08	08:03:00	64.3	67.1	59.3
26-Nov-08	08:33:00	63.7	66.5	57.6
26-Nov-08	09:03:00	63.5	66.5	57.6
26-Nov-08	09:33:00	64.5	66.8	58.8
26-Nov-08	10:03:00	64.8	67.4	60.8
26-Nov-08	10:33:00	63.7	66.3	59.0
26-Nov-08	11:03:00	64.4	67.1	59.0
26-Nov-08	11:33:00	65.3	68.1	60.2
26-Nov-08	12:03:00	63.6	66.2	58.5
26-Nov-08	12:33:00	63.8	67.1	57.5
26-Nov-08	13:03:00	65.3	67.7	61.8
26-Nov-08	13:33:00	65.1	67.8	61.2
26-Nov-08	14:03:00	64.2	67.1	57.4
26-Nov-08	14:33:00	63.7	66.4	58.6
26-Nov-08	15:03:00	63.5	66.1	58.5
26-Nov-08	15:33:00	65.9	68.4	61.6
26-Nov-08	16:03:00	64.2	67.1	58.1
26-Nov-08	16:33:00	64.8	67.6	60.0
26-Nov-08	17:03:00	63.3	65.8	58.0
26-Nov-08	17:33:00	63.0	65.3	56.6
26-Nov-08	18:03:00	62.9	65.3	57.0
26-Nov-08	18:33:00	62.7	65.3	56.8

Mean 64.2 66.9 59.1  
 Maximum 65.9 68.4 61.8  
 Minimum 62.7 65.3 56.3

## Appendix B1

### Day-time Noise Level at Man Yuen Garden (NC4)

Date	Noise Level for 30-min, dB(A)			
	Time	Leq	L10	L90
27-Nov-08	07:03:00	64.2	67.5	58.0
27-Nov-08	07:33:00	64.7	66.7	59.8
27-Nov-08	08:03:00	64.2	67.0	58.8
27-Nov-08	08:33:00	63.8	66.6	57.3
27-Nov-08	09:03:00	63.0	65.6	57.3
27-Nov-08	09:33:00	63.5	66.4	57.2
27-Nov-08	10:03:00	63.2	66.1	56.9
27-Nov-08	10:33:00	64.1	66.8	59.4
27-Nov-08	11:03:00	63.8	66.7	58.4
27-Nov-08	11:33:00	63.8	66.8	57.5
27-Nov-08	12:03:00	63.6	66.4	57.6
27-Nov-08	12:33:00	63.8	66.8	57.6
27-Nov-08	13:03:00	64.9	67.6	60.9
27-Nov-08	13:33:00	64.9	67.4	61.0
27-Nov-08	14:03:00	66.1	67.5	59.9
27-Nov-08	14:33:00	63.5	66.3	58.2
27-Nov-08	15:03:00	64.5	67.4	59.9
27-Nov-08	15:33:00	66.3	68.7	62.2
27-Nov-08	16:03:00	64.5	67.6	58.5
27-Nov-08	16:33:00	63.7	66.3	58.5
27-Nov-08	17:03:00	63.9	66.5	57.8
27-Nov-08	17:33:00	63.4	65.9	57.4
27-Nov-08	18:03:00	62.6	65.1	57.4
27-Nov-08	18:33:00	63.3	65.9	55.9

Mean 64.2 66.8 58.7  
Maximum 66.3 68.7 62.2  
Minimum 62.6 65.1 55.9

Date	Noise Level for 30-min, dB(A)			
	Time	Leq	L10	L90
28-Nov-08	07:03:00	64.1	67.3	56.8
28-Nov-08	07:33:00	64.8	67.3	60.2
28-Nov-08	08:03:00	63.8	66.8	58.0
28-Nov-08	08:33:00	63.4	66.6	56.8
28-Nov-08	09:03:00	63.5	66.6	57.8
28-Nov-08	09:33:00	63.9	66.7	57.7
28-Nov-08	10:03:00	65.7	68.0	61.1
28-Nov-08	10:33:00	64.3	67.1	59.0
28-Nov-08	11:03:00	64.3	67.0	58.6
28-Nov-08	11:33:00	63.9	67.0	57.8
28-Nov-08	12:03:00	65.3	68.0	60.7
28-Nov-08	12:33:00	64.8	68.1	57.7
28-Nov-08	13:03:00	64.6	67.2	59.4
28-Nov-08	13:33:00	65.4	67.6	61.7
28-Nov-08	14:03:00	66.1	68.7	62.0
28-Nov-08	14:33:00	64.4	66.9	59.8
28-Nov-08	15:03:00	65.7	68.2	61.3
28-Nov-08	15:33:00	66.7	69.2	62.8
28-Nov-08	16:03:00	64.9	67.4	59.5
28-Nov-08	16:33:00	63.9	66.2	58.7
28-Nov-08	17:03:00	64.4	67.0	59.2
28-Nov-08	17:33:00	64.0	66.1	57.1
28-Nov-08	18:03:00	63.3	66.3	56.1
28-Nov-08	18:33:00	63.6	65.7	56.4

Mean 64.6 67.3 59.4  
Maximum 66.7 69.2 62.8  
Minimum 63.3 65.7 56.1

## Appendix B1

### Day-time Noise Level at Man Yuen Garden (NC4)

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
29-Nov-08	07:03:00	59.4	63.4	48.7
29-Nov-08	07:33:00	60.3	63.2	49.1
29-Nov-08	08:03:00	60.5	63.6	52.1
29-Nov-08	08:33:00	62.5	65.5	53.4
29-Nov-08	09:03:00	61.8	64.9	54.7
29-Nov-08	09:33:00	61.9	64.9	55.1
29-Nov-08	10:03:00	62.7	65.3	56.0
29-Nov-08	10:33:00	63.2	66.3	56.4
29-Nov-08	11:03:00	64.1	66.6	56.8
29-Nov-08	11:33:00	62.5	65.7	55.6
29-Nov-08	12:03:00	63.4	66.0	56.6
29-Nov-08	12:33:00	63.7	66.3	56.5
29-Nov-08	13:03:00	62.7	65.7	55.6
29-Nov-08	13:33:00	62.9	65.9	56.5
29-Nov-08	14:03:00	63.0	65.8	55.5
29-Nov-08	14:33:00	63.4	66.4	56.1
29-Nov-08	15:03:00	63.2	66.1	56.0
29-Nov-08	15:33:00	63.1	66.0	57.1
29-Nov-08	16:03:00	64.0	66.5	56.0
29-Nov-08	16:33:00	63.7	65.8	56.4
29-Nov-08	17:03:00	62.6	65.5	54.9
29-Nov-08	17:33:00	62.8	65.2	55.1
29-Nov-08	18:03:00	62.3	65.1	54.6
29-Nov-08	18:33:00	62.4	65.1	55.5

Mean 62.7 65.5 55.4  
 Maximum 64.1 66.6 57.1  
 Minimum 59.4 63.2 48.7

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
1-Dec-08	07:03:00	64.2	67.5	56.5
1-Dec-08	07:33:00	65.8	68.5	61.4
1-Dec-08	08:03:00	64.4	67.3	58.9
1-Dec-08	08:33:00	64.9	67.8	56.6
1-Dec-08	09:03:00	64.3	67.2	57.2
1-Dec-08	09:33:00	63.9	66.8	57.5
1-Dec-08	10:03:00	63.9	66.8	58.3
1-Dec-08	10:33:00	66.2	68.4	62.8
1-Dec-08	11:03:00	64.6	67.5	59.9
1-Dec-08	11:33:00	64.6	67.4	58.7
1-Dec-08	12:03:00	64.1	66.7	58.3
1-Dec-08	12:33:00	63.7	66.9	56.4
1-Dec-08	13:03:00	65.1	67.3	61.1
1-Dec-08	13:33:00	65.9	68.3	62.1
1-Dec-08	14:03:00	65.0	67.8	60.4
1-Dec-08	14:33:00	64.7	67.4	59.8
1-Dec-08	15:03:00	64.4	66.9	59.2
1-Dec-08	15:33:00	66.9	69.4	62.8
1-Dec-08	16:03:00	64.5	67.5	58.8
1-Dec-08	16:33:00	64.4	67.4	58.6
1-Dec-08	17:03:00	64.2	67.0	57.7
1-Dec-08	17:33:00	63.5	66.0	56.7
1-Dec-08	18:03:00	63.6	65.6	55.9
1-Dec-08	18:33:00	61.1	63.9	54.7

Mean 64.6 67.3 59.3  
 Maximum 66.9 69.4 62.8  
 Minimum 61.1 63.9 54.7

## Appendix B1

### Day-time Noise Level at Man Yuen Garden (NC4)

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
2-Dec-08	07:03:00	64.9	68.2	56.9
2-Dec-08	07:33:00	65.3	67.8	61.1
2-Dec-08	08:03:00	64.9	67.8	59.1
2-Dec-08	08:33:00	64.4	67.4	57.9
2-Dec-08	09:03:00	64.0	66.6	58.0
2-Dec-08	09:33:00	64.6	67.0	59.2
2-Dec-08	10:03:00	63.7	66.3	57.3
2-Dec-08	10:33:00	65.5	68.1	60.8
2-Dec-08	11:03:00	65.1	67.5	59.5
2-Dec-08	11:33:00	64.5	67.3	58.8
2-Dec-08	12:03:00	64.1	67.2	57.9
2-Dec-08	12:33:00	63.9	66.6	58.1
2-Dec-08	13:03:00	73.0	74.4	70.0
2-Dec-08	13:33:00	69.8	72.2	65.3
2-Dec-08	14:03:00	67.0	68.6	63.0
2-Dec-08	14:33:00	66.0	67.8	63.5
2-Dec-08	15:03:00	64.8	67.4	59.4
2-Dec-08	15:33:00	67.1	69.5	62.6
2-Dec-08	16:03:00	64.8	67.8	59.3
2-Dec-08	16:33:00	64.0	66.5	59.4
2-Dec-08	17:03:00	64.7	67.6	59.0
2-Dec-08	17:33:00	62.7	65.5	56.3
2-Dec-08	18:03:00	61.6	64.1	55.7
2-Dec-08	18:33:00	61.2	63.9	55.8

Mean 65.9 68.3 61.4  
 Maximum 73.0 74.4 70.0  
 Minimum 61.2 63.9 55.7

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
3-Dec-08	07:03:00	63.9	67.3	57.3
3-Dec-08	07:33:00	65.1	67.4	60.9
3-Dec-08	08:03:00	65.0	67.7	58.9
3-Dec-08	08:33:00	64.1	66.9	58.2
3-Dec-08	09:03:00	63.8	66.4	57.9
3-Dec-08	09:33:00	64.4	66.9	58.1
3-Dec-08	10:03:00	65.0	67.6	60.1
3-Dec-08	10:33:00	64.5	67.2	59.1
3-Dec-08	11:03:00	64.3	67.3	58.6
3-Dec-08	11:33:00	64.0	66.3	58.6
3-Dec-08	12:03:00	64.5	67.2	59.6
3-Dec-08	12:33:00	64.0	66.9	57.0
3-Dec-08	13:03:00	64.8	67.2	60.8
3-Dec-08	13:33:00	67.1	69.9	63.2
3-Dec-08	14:03:00	66.9	68.9	60.7
3-Dec-08	14:33:00	63.9	67.0	58.3
3-Dec-08	15:03:00	66.1	68.5	61.1
3-Dec-08	15:33:00	67.5	69.8	63.9
3-Dec-08	16:03:00	64.7	67.3	59.5
3-Dec-08	16:33:00	64.8	67.5	58.6
3-Dec-08	17:03:00	63.9	66.8	57.9
3-Dec-08	17:33:00	63.0	65.8	57.2
3-Dec-08	18:03:00	62.7	65.5	57.0
3-Dec-08	18:33:00	64.2	66.4	56.8

Mean 64.8 67.5 59.6  
 Maximum 67.5 69.9 63.9  
 Minimum 62.7 65.5 56.8

## Appendix B1

### Day-time Noise Level at Man Yuen Garden (NC4)

Date	Noise Level for 30-min, dB(A)			
	Time	Leq	L10	L90
4-Dec-08	07:03:00	63.7	67.2	55.6
4-Dec-08	07:33:00	63.5	66.6	56.1
4-Dec-08	08:03:00	63.8	66.5	58.6
4-Dec-08	08:33:00	64.1	66.9	57.3
4-Dec-08	09:03:00	63.6	66.5	57.3
4-Dec-08	09:33:00	64.2	67.0	58.9
4-Dec-08	10:03:00	64.3	66.8	59.3
4-Dec-08	10:33:00	66.4	68.8	61.8
4-Dec-08	11:03:00	67.2	69.5	63.4
4-Dec-08	11:33:00	66.3	69.3	61.0
4-Dec-08	12:03:00	63.7	66.7	57.9
4-Dec-08	12:33:00	64.7	67.9	57.8
4-Dec-08	13:03:00	65.3	67.9	60.3
4-Dec-08	13:33:00	64.7	67.8	58.7
4-Dec-08	14:03:00	66.3	69.2	61.5
4-Dec-08	14:33:00	66.7	69.1	62.9
4-Dec-08	15:03:00	65.7	68.3	60.9
4-Dec-08	15:33:00	66.5	68.8	62.0
4-Dec-08	16:03:00	65.0	67.6	60.1
4-Dec-08	16:33:00	64.4	67.3	58.9
4-Dec-08	17:03:00	64.1	66.7	57.0
4-Dec-08	17:33:00	63.1	66.0	56.0
4-Dec-08	18:03:00	63.1	66.0	56.7
4-Dec-08	18:33:00	62.6	65.4	56.1

Mean 64.9 67.6 59.6  
Maximum 67.2 69.5 63.4  
Minimum 62.6 65.4 55.6

Date	Noise Level for 30-min, dB(A)			
	Time	Leq	L10	L90
5-Dec-08	07:03:00	63.7	67.0	53.9
5-Dec-08	07:33:00	63.9	66.9	57.5
5-Dec-08	08:03:00	64.3	66.9	58.7
5-Dec-08	08:33:00	65.2	68.0	58.7
5-Dec-08	09:03:00	66.1	69.3	61.0
5-Dec-08	09:33:00	68.0	68.2	59.1
5-Dec-08	10:03:00	65.6	68.0	59.8
5-Dec-08	10:33:00	65.6	68.6	60.1
5-Dec-08	11:03:00	66.6	69.2	60.3
5-Dec-08	11:33:00	64.6	67.4	59.0
5-Dec-08	12:03:00	63.9	67.1	57.5
5-Dec-08	12:33:00	64.7	67.8	58.0
5-Dec-08	13:03:00	65.7	69.3	60.6
5-Dec-08	13:33:00	64.8	67.5	59.0
5-Dec-08	14:03:00	63.8	66.7	57.5
5-Dec-08	14:33:00	64.8	67.6	59.5
5-Dec-08	15:03:00	65.1	67.3	59.1
5-Dec-08	15:33:00	65.7	68.4	60.9
5-Dec-08	16:03:00	64.8	67.4	59.6
5-Dec-08	16:33:00	64.8	67.2	59.7
5-Dec-08	17:03:00	64.4	67.5	58.3
5-Dec-08	17:33:00	63.7	66.8	57.1
5-Dec-08	18:03:00	61.7	64.5	56.1
5-Dec-08	18:33:00	60.6	63.7	54.7

Mean 64.9 67.6 58.9  
Maximum 68.0 69.3 61.0  
Minimum 60.6 63.7 53.9



## Appendix B1

### Day-time Noise Level at Man Yuen Garden (NC4)

Noise Level for 30-min, dB(A)				
Date	Time	Leq	L10	L90
06-Dec-08	07:03:00	59.4	62.7	47.8
06-Dec-08	07:33:00	61.3	64.4	50.7
06-Dec-08	08:03:00	61.3	64.8	52.3
06-Dec-08	08:33:00	62.8	66.4	54.0
06-Dec-08	09:03:00	63.6	66.6	57.2
06-Dec-08	09:33:00	64.4	67.3	58.2
06-Dec-08	10:03:00	64.0	66.9	58.2
06-Dec-08	10:33:00	66.5	69.8	60.4
06-Dec-08	11:03:00	65.8	68.7	61.4
06-Dec-08	11:33:00	64.4	67.3	59.3
06-Dec-08	12:03:00	63.6	66.9	56.8
06-Dec-08	12:33:00	63.7	67.0	57.4
06-Dec-08	13:03:00	63.9	66.6	58.0
06-Dec-08	13:33:00	64.0	66.5	58.4
06-Dec-08	14:03:00	63.7	66.5	57.7
06-Dec-08	14:33:00	64.0	66.1	58.9
06-Dec-08	15:03:00	63.8	66.3	57.3
06-Dec-08	15:33:00	63.7	66.4	58.3
06-Dec-08	16:03:00	63.7	66.4	58.1
06-Dec-08	16:33:00	63.7	66.2	59.0
06-Dec-08	17:03:00	63.3	66.2	57.4
06-Dec-08	17:33:00	63.1	66.0	57.2
06-Dec-08	18:03:00	62.9	65.7	56.2
06-Dec-08	18:33:00	63.5	66.3	56.9
Mean		63.7	66.6	57.7
Maximum		66.5	69.8	61.4
Minimum		59.4	62.7	47.8

Noise Level for 30-min, dB(A)				
Date	Time	Leq	L10	L90
8-Dec-08	07:03:00	63.6	67.0	56.4
8-Dec-08	07:33:00	64.7	67.3	60.8
8-Dec-08	08:03:00	64.1	66.9	58.4
8-Dec-08	08:33:00	65.0	67.6	58.8
8-Dec-08	09:03:00	64.9	67.6	59.5
8-Dec-08	09:33:00	64.2	67.1	57.7
8-Dec-08	10:03:00	64.2	67.1	58.5
8-Dec-08	10:33:00	66.5	68.7	63.1
8-Dec-08	11:03:00	64.8	67.8	60.2
8-Dec-08	11:33:00	64.9	67.7	59.0
8-Dec-08	12:03:00	64.4	67.0	58.6
8-Dec-08	12:33:00	64.0	67.3	56.6
8-Dec-08	13:03:00	65.4	67.6	61.4
8-Dec-08	13:33:00	65.6	67.9	61.6
8-Dec-08	14:03:00	64.9	67.4	60.6
8-Dec-08	14:33:00	63.2	65.8	58.2
8-Dec-08	15:03:00	64.8	67.4	60.3
8-Dec-08	15:33:00	66.7	69.1	62.9
8-Dec-08	16:03:00	64.4	67.5	58.8
8-Dec-08	16:33:00	64.9	68.0	59.3
8-Dec-08	17:03:00	63.5	66.0	58.6
8-Dec-08	17:33:00	63.1	65.9	56.8
8-Dec-08	18:03:00	62.6	65.5	56.8
8-Dec-08	18:33:00	63.1	65.7	56.2
Mean		64.6	67.3	59.6
Maximum		66.7	69.1	63.1
Minimum		62.6	65.5	56.2

Summary of Day Time Noise Level at Man Yuen Garden (NC4)			
	Leq	L10	L90
Mean	64.5	67.2	59.2
Max	73.0	74.4	70.0
Min	59.4	62.7	47.8

## **Appendix B1**

### **Day-time Noise Level at Block D of Villa Monte Rosa (NC5)**

Date	Noise Level for 30-min, dB(A)			
	Time	Leq	L10	L90
25-Nov-08	07:03:00	75.8	79.7	57.6
25-Nov-08	07:33:00	71.0	71.9	57.8
25-Nov-08	08:03:00	68.0	69.6	50.3
25-Nov-08	08:33:00	72.0	74.5	53.2
25-Nov-08	09:03:00	63.6	64.2	52.2
25-Nov-08	09:33:00	61.8	64.0	52.4
25-Nov-08	10:03:00	56.5	58.6	51.3
25-Nov-08	10:33:00	64.2	63.9	53.1
25-Nov-08	11:03:00	61.6	62.0	50.5
25-Nov-08	11:33:00	63.5	65.0	51.8
25-Nov-08	12:03:00	66.5	68.6	54.0
25-Nov-08	12:33:00	63.4	62.3	52.5
25-Nov-08	13:03:00	69.5	71.4	53.8
25-Nov-08	13:33:00	64.7	61.8	51.6
25-Nov-08	14:03:00	60.6	61.8	51.4
25-Nov-08	14:33:00	63.4	64.1	52.2
25-Nov-08	15:03:00	63.3	66.1	55.9
25-Nov-08	15:33:00	69.4	72.7	58.2
25-Nov-08	16:03:00	72.4	74.6	53.5
25-Nov-08	16:33:00	67.9	71.3	52.6
25-Nov-08	17:03:00	62.8	64.5	50.9
25-Nov-08	17:33:00	71.6	72.5	50.4
25-Nov-08	18:03:00	60.9	62.1	47.8
25-Nov-08	18:33:00	57.1	58.6	46.9

Mean 68.2 70.6 53.5  
 Maximum 75.8 79.7 58.2  
 Minimum 56.5 58.6 46.9

Date	Noise Level for 30-min, dB(A)			
	Time	Leq	L10	L90
26-Nov-08	07:03:00	75.9	79.7	55.9
26-Nov-08	07:33:00	70.4	72.6	57.5
26-Nov-08	08:03:00	65.3	67.6	50.3
26-Nov-08	08:33:00	71.6	73.3	52.8
26-Nov-08	09:03:00	60.6	62.8	52.0
26-Nov-08	09:33:00	63.2	65.2	53.2
26-Nov-08	10:03:00	61.4	63.5	51.9
26-Nov-08	10:33:00	60.2	60.7	52.1
26-Nov-08	11:03:00	59.7	63.0	50.8
26-Nov-08	11:33:00	63.6	64.1	52.0
26-Nov-08	12:03:00	65.0	68.3	54.4
26-Nov-08	12:33:00	60.5	62.4	53.8
26-Nov-08	13:03:00	70.7	72.5	55.1
26-Nov-08	13:33:00	60.9	63.0	51.0
26-Nov-08	14:03:00	62.0	64.0	51.0
26-Nov-08	14:33:00	63.5	65.5	51.5
26-Nov-08	15:03:00	66.9	67.6	52.9
26-Nov-08	15:33:00	68.2	72.1	55.3
26-Nov-08	16:03:00	70.1	69.6	53.6
26-Nov-08	16:33:00	71.0	73.2	55.9
26-Nov-08	17:03:00	67.0	66.6	52.1
26-Nov-08	17:33:00	71.7	73.2	51.0
26-Nov-08	18:03:00	60.3	60.2	46.9
26-Nov-08	18:33:00	54.6	56.2	46.0

Mean 68.0 70.4 53.2  
 Maximum 75.9 79.7 57.5  
 Minimum 54.6 56.2 46.0

## Appendix B1

### Day-time Noise Level at Block D of Villa Monte Rosa (NC5)

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
27-Nov-08	07:03:00	65.4	68.3	55.2
27-Nov-08	07:33:00	69.7	71.4	53.4
27-Nov-08	08:03:00	70.0	72.1	54.3
27-Nov-08	08:33:00	71.3	72.4	52.4
27-Nov-08	09:03:00	64.7	66.5	52.8
27-Nov-08	09:33:00	61.9	63.5	52.4
27-Nov-08	10:03:00	63.1	63.9	52.6
27-Nov-08	10:33:00	63.6	63.3	51.4
27-Nov-08	11:03:00	60.1	62.6	51.4
27-Nov-08	11:33:00	62.7	64.2	52.4
27-Nov-08	12:03:00	56.6	59.5	50.8
27-Nov-08	12:33:00	61.2	63.3	50.2
27-Nov-08	13:03:00	62.4	63.1	50.7
27-Nov-08	13:33:00	55.6	58.1	49.4
27-Nov-08	14:03:00	59.7	59.3	49.6
27-Nov-08	14:33:00	62.9	64.1	51.3
27-Nov-08	15:03:00	64.9	63.7	50.9
27-Nov-08	15:33:00	62.4	64.5	51.7
27-Nov-08	16:03:00	61.1	62.5	49.9
27-Nov-08	16:33:00	65.6	69.2	51.4
27-Nov-08	17:03:00	64.8	65.9	50.9
27-Nov-08	17:33:00	71.0	71.1	50.3
27-Nov-08	18:03:00	60.4	59.2	49.3
27-Nov-08	18:33:00	56.9	58.1	48.6

Mean 65.3 66.7 51.7  
 Maximum 71.3 72.4 55.2  
 Minimum 55.6 58.1 48.6

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
28-Nov-08	07:03:00	63.3	65.1	47.6
28-Nov-08	07:33:00	67.7	68.1	47.3
28-Nov-08	08:03:00	68.1	69.4	49.0
28-Nov-08	08:33:00	71.7	74.0	49.6
28-Nov-08	09:03:00	63.3	66.2	51.0
28-Nov-08	09:33:00	61.6	63.5	50.6
28-Nov-08	10:03:00	60.0	61.9	50.1
28-Nov-08	10:33:00	60.3	62.6	49.9
28-Nov-08	11:03:00	62.2	62.3	49.7
28-Nov-08	11:33:00	61.6	63.5	49.6
28-Nov-08	12:03:00	61.8	64.5	49.2
28-Nov-08	12:33:00	60.1	61.2	48.7
28-Nov-08	13:03:00	59.7	59.3	49.8
28-Nov-08	13:33:00	59.0	61.3	49.4
28-Nov-08	14:03:00	64.7	67.3	51.2
28-Nov-08	14:33:00	61.2	63.3	50.3
28-Nov-08	15:03:00	70.4	71.0	49.9
28-Nov-08	15:33:00	65.1	62.6	49.0
28-Nov-08	16:03:00	60.1	62.5	49.0
28-Nov-08	16:33:00	60.8	62.3	49.9
28-Nov-08	17:03:00	61.1	61.3	48.1
28-Nov-08	17:33:00	64.8	61.2	47.5
28-Nov-08	18:03:00	60.8	59.4	46.6
28-Nov-08	18:33:00	55.3	55.8	46.0

Mean 64.6 65.9 49.3  
 Maximum 71.7 74.0 51.2  
 Minimum 55.3 55.8 46.0

## **Appendix B1**

### **Day-time Noise Level at Block D of Villa Monte Rosa (NC5)**

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
29-Nov-08	07:03:00	56.3	55.5	45.0
29-Nov-08	07:33:00	63.4	63.7	46.3
29-Nov-08	08:03:00	64.4	64.5	46.8
29-Nov-08	08:33:00	65.5	65.2	48.4
29-Nov-08	09:03:00	64.1	65.8	50.4
29-Nov-08	09:33:00	58.6	60.6	48.5
29-Nov-08	10:03:00	56.7	58.6	49.2
29-Nov-08	10:33:00	60.0	60.1	47.4
29-Nov-08	11:03:00	63.3	61.6	47.8
29-Nov-08	11:33:00	59.6	60.4	48.1
29-Nov-08	12:03:00	56.4	58.7	46.2
29-Nov-08	12:33:00	58.0	59.3	46.5
29-Nov-08	13:03:00	62.3	59.2	46.5
29-Nov-08	13:33:00	55.7	55.8	46.8
29-Nov-08	14:03:00	57.4	57.7	47.9
29-Nov-08	14:33:00	64.3	58.3	47.6
29-Nov-08	15:03:00	60.6	62.2	49.2
29-Nov-08	15:33:00	59.6	60.8	46.7
29-Nov-08	16:03:00	56.9	58.3	48.4
29-Nov-08	16:33:00	56.2	58.9	48.1
29-Nov-08	17:03:00	52.2	53.5	46.3
29-Nov-08	17:33:00	56.9	58.8	48.4
29-Nov-08	18:03:00	54.4	55.6	46.5
29-Nov-08	18:33:00	52.4	53.9	46.3

Mean 60.5 60.7 47.6  
 Maximum 65.5 65.8 50.4  
 Minimum 52.2 53.5 45.0

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
1-Dec-08	07:03:00	55.3	56.3	44.7
1-Dec-08	07:33:00	55.6	56.3	46.3
1-Dec-08	08:03:00	54.5	56.6	47.4
1-Dec-08	08:33:00	57.7	60.1	47.6
1-Dec-08	09:03:00	64.3	66.2	49.7
1-Dec-08	09:33:00	58.4	61.2	48.1
1-Dec-08	10:03:00	57.8	59.9	48.0
1-Dec-08	10:33:00	59.5	61.3	48.0
1-Dec-08	11:03:00	58.4	61.5	48.8
1-Dec-08	11:33:00	63.4	63.6	50.5
1-Dec-08	12:03:00	64.0	66.9	53.4
1-Dec-08	12:33:00	60.2	60.7	53.0
1-Dec-08	13:03:00	70.3	73.1	53.5
1-Dec-08	13:33:00	64.6	63.6	52.1
1-Dec-08	14:03:00	67.9	63.7	51.9
1-Dec-08	14:33:00	63.6	64.1	52.1
1-Dec-08	15:03:00	63.2	64.9	54.9
1-Dec-08	15:33:00	68.1	72.1	54.4
1-Dec-08	16:03:00	71.0	72.2	53.4
1-Dec-08	16:33:00	68.1	70.1	52.4
1-Dec-08	17:03:00	62.1	63.0	49.5
1-Dec-08	17:33:00	70.3	68.8	49.0
1-Dec-08	18:03:00	65.1	66.7	48.9
1-Dec-08	18:33:00	57.0	57.0	46.4

Mean 65.2 66.6 51.0  
 Maximum 71.0 73.1 54.9  
 Minimum 54.5 56.3 44.7

## Appendix B1

### Day-time Noise Level at Block D of Villa Monte Rosa (NC5)

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
2-Dec-08	07:03:00	74.2	77.2	60.5
2-Dec-08	07:33:00	70.4	71.5	50.6
2-Dec-08	08:03:00	70.9	73.8	52.0
2-Dec-08	08:33:00	69.8	71.2	52.9
2-Dec-08	09:03:00	62.0	64.6	52.4
2-Dec-08	09:33:00	59.7	61.9	51.9
2-Dec-08	10:03:00	62.5	61.9	52.1
2-Dec-08	10:33:00	61.3	62.1	51.7
2-Dec-08	11:03:00	62.9	63.3	50.8
2-Dec-08	11:33:00	65.8	68.2	54.1
2-Dec-08	12:03:00	65.2	66.3	52.9
2-Dec-08	12:33:00	69.1	70.0	53.7
2-Dec-08	13:03:00	67.1	68.4	52.9
2-Dec-08	13:33:00	61.2	61.0	51.3
2-Dec-08	14:03:00	62.7	63.4	51.1
2-Dec-08	14:33:00	61.6	64.2	52.2
2-Dec-08	15:03:00	68.4	72.2	58.9
2-Dec-08	15:33:00	68.2	68.3	53.3
2-Dec-08	16:03:00	71.7	75.1	53.5
2-Dec-08	16:33:00	64.6	64.5	50.3
2-Dec-08	17:03:00	68.3	69.2	50.5
2-Dec-08	17:33:00	69.3	70.4	49.5
2-Dec-08	18:03:00	59.6	59.6	47.2
2-Dec-08	18:33:00	57.1	59.3	46.7

Mean 67.6 69.8 53.4  
 Maximum 74.2 77.2 60.5  
 Minimum 57.1 59.3 46.7

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
3-Dec-08	07:03:00	74.0	78.4	59.2
3-Dec-08	07:33:00	70.0	71.8	50.6
3-Dec-08	08:03:00	70.9	73.3	51.6
3-Dec-08	08:33:00	67.3	67.2	52.8
3-Dec-08	09:03:00	64.0	65.7	52.8
3-Dec-08	09:33:00	60.1	61.9	52.4
3-Dec-08	10:03:00	60.1	62.3	51.9
3-Dec-08	10:33:00	60.4	62.0	51.3
3-Dec-08	11:03:00	58.9	62.0	51.2
3-Dec-08	11:33:00	66.5	68.6	54.2
3-Dec-08	12:03:00	61.2	63.9	54.0
3-Dec-08	12:33:00	70.3	72.4	54.4
3-Dec-08	13:03:00	64.5	65.8	53.1
3-Dec-08	13:33:00	59.8	61.3	50.5
3-Dec-08	14:03:00	63.1	65.6	50.2
3-Dec-08	14:33:00	64.9	65.5	51.6
3-Dec-08	15:03:00	69.1	72.3	55.6
3-Dec-08	15:33:00	64.8	65.3	52.2
3-Dec-08	16:03:00	71.4	72.4	56.0
3-Dec-08	16:33:00	68.0	69.0	51.8
3-Dec-08	17:03:00	68.6	68.8	52.1
3-Dec-08	17:33:00	69.7	72.0	48.4
3-Dec-08	18:03:00	59.9	58.4	46.3
3-Dec-08	18:33:00	52.1	54.1	46.2

Mean 67.5 69.8 53.0  
 Maximum 74.0 78.4 59.2  
 Minimum 52.1 54.1 46.2

## Appendix B1

### Day-time Noise Level at Block D of Villa Monte Rosa (NC5)

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
4-Dec-08	07:03:00	68.4	70.7	53.5
4-Dec-08	07:33:00	70.7	72.8	54.6
4-Dec-08	08:03:00	70.7	72.4	53.2
4-Dec-08	08:33:00	68.8	68.5	52.6
4-Dec-08	09:03:00	64.4	66.0	53.2
4-Dec-08	09:33:00	63.9	64.5	52.6
4-Dec-08	10:03:00	60.9	61.4	51.1
4-Dec-08	10:33:00	62.9	64.3	51.9
4-Dec-08	11:03:00	59.3	62.1	51.6
4-Dec-08	11:33:00	62.2	63.4	52.0
4-Dec-08	12:03:00	57.2	59.4	50.4
4-Dec-08	12:33:00	64.1	65.1	51.2
4-Dec-08	13:03:00	60.2	62.4	50.8
4-Dec-08	13:33:00	62.8	64.0	51.2
4-Dec-08	14:03:00	59.5	61.6	50.6
4-Dec-08	14:33:00	65.4	62.3	51.4
4-Dec-08	15:03:00	62.0	65.0	53.2
4-Dec-08	15:33:00	68.4	72.0	55.5
4-Dec-08	16:03:00	71.5	72.7	50.3
4-Dec-08	16:33:00	69.8	72.0	52.8
4-Dec-08	17:03:00	63.3	64.6	50.7
4-Dec-08	17:33:00	70.2	71.2	49.4
4-Dec-08	18:03:00	64.9	61.4	48.2
4-Dec-08	18:33:00	60.7	61.4	48.8

Mean 66.5 68.1 52.0  
 Maximum 71.5 72.8 55.5  
 Minimum 57.2 59.4 48.2

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
5-Dec-08	07:03:00	58.5	59.9	47.7
5-Dec-08	07:33:00	66.6	68.7	49.0
5-Dec-08	08:03:00	63.1	66.5	51.3
5-Dec-08	08:33:00	68.3	69.3	53.1
5-Dec-08	09:03:00	68.8	70.0	54.3
5-Dec-08	09:33:00	61.2	65.5	51.5
5-Dec-08	10:03:00	59.0	61.4	50.9
5-Dec-08	10:33:00	61.7	64.2	51.3
5-Dec-08	11:03:00	62.5	63.9	50.2
5-Dec-08	11:33:00	59.8	62.6	49.6
5-Dec-08	12:03:00	60.2	61.2	50.0
5-Dec-08	12:33:00	63.1	63.7	49.8
5-Dec-08	13:03:00	61.4	64.3	50.0
5-Dec-08	13:33:00	61.6	63.1	52.8
5-Dec-08	14:03:00	61.7	63.9	49.1
5-Dec-08	14:33:00	64.4	64.5	49.0
5-Dec-08	15:03:00	63.9	65.2	50.3
5-Dec-08	15:33:00	66.0	67.9	50.8
5-Dec-08	16:03:00	60.1	61.2	49.6
5-Dec-08	16:33:00	58.5	60.5	49.3
5-Dec-08	17:03:00	60.8	61.5	48.4
5-Dec-08	17:33:00	65.4	63.3	48.8
5-Dec-08	18:03:00	57.5	60.6	48.2
5-Dec-08	18:33:00	54.0	57.2	47.3

Mean 63.4 64.9 50.4  
 Maximum 68.8 70.0 54.3  
 Minimum 54.0 57.2 47.3

## **Appendix B1**

### **Day-time Noise Level at Block D of Villa Monte Rosa (NC5)**

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
06-Dec-08	07:03:00	56.1	56.9	45.7
06-Dec-08	07:33:00	65.8	69.1	48.4
06-Dec-08	08:03:00	71.0	73.7	49.8
06-Dec-08	08:33:00	71.6	74.1	52.8
06-Dec-08	09:03:00	67.5	70.8	56.1
06-Dec-08	09:33:00	63.8	67.7	51.6
06-Dec-08	10:03:00	64.1	67.1	53.8
06-Dec-08	10:33:00	66.9	68.5	54.4
06-Dec-08	11:03:00	67.3	68.6	53.4
06-Dec-08	11:33:00	66.7	67.9	52.2
06-Dec-08	12:03:00	68.9	67.8	51.7
06-Dec-08	12:33:00	65.5	67.7	52.2
06-Dec-08	13:03:00	65.1	67.1	53.2
06-Dec-08	13:33:00	66.1	67.7	53.5
06-Dec-08	14:03:00	67.0	68.8	51.8
06-Dec-08	14:33:00	67.4	67.6	54.1
06-Dec-08	15:03:00	65.6	67.7	55.1
06-Dec-08	15:33:00	65.4	65.7	52.0
06-Dec-08	16:03:00	66.1	65.9	52.0
06-Dec-08	16:33:00	65.2	66.9	52.7
06-Dec-08	17:03:00	71.5	74.3	53.2
06-Dec-08	17:33:00	69.6	69.0	48.3
06-Dec-08	18:03:00	70.2	70.2	48.7
06-Dec-08	18:33:00	56.1	58.5	46.6
Mean		67.5	69.2	52.5
Maximum		71.6	74.3	56.1
Minimum		56.1	56.9	45.7

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
8-Dec-08	07:03:00	55.0	56.0	44.4
8-Dec-08	07:33:00	55.4	56.1	46.1
8-Dec-08	08:03:00	54.2	56.4	47.2
8-Dec-08	08:33:00	57.4	59.8	47.4
8-Dec-08	09:03:00	63.9	65.8	49.4
8-Dec-08	09:33:00	58.6	61.5	48.4
8-Dec-08	10:03:00	58.3	60.4	48.4
8-Dec-08	10:33:00	60.0	61.8	48.3
8-Dec-08	11:03:00	58.6	61.7	49.1
8-Dec-08	11:33:00	59.8	62.3	50.2
8-Dec-08	12:03:00	62.9	61.9	50.1
8-Dec-08	12:33:00	62.6	65.3	50.4
8-Dec-08	13:03:00	60.2	62.8	52.5
8-Dec-08	13:33:00	61.7	63.0	50.4
8-Dec-08	14:03:00	63.9	64.7	49.4
8-Dec-08	14:33:00	63.3	65.0	49.2
8-Dec-08	15:03:00	65.4	66.8	50.5
8-Dec-08	15:33:00	63.3	65.2	49.8
8-Dec-08	16:03:00	59.1	59.1	49.0
8-Dec-08	16:33:00	60.9	61.9	49.1
8-Dec-08	17:03:00	56.5	58.2	47.7
8-Dec-08	17:33:00	65.1	63.4	48.8
8-Dec-08	18:03:00	56.4	59.2	47.4
8-Dec-08	18:33:00	56.1	58.4	46.7
Mean		61.1	62.5	49.1
Maximum		65.4	66.8	52.5
Minimum		54.2	56.0	44.4

Summary of Day Time Noise Level at Block D of Villa Monte Rosa (NC5)			
	Leq	L10	L90
Mean	66.1	68.0	51.8
Max	75.9	79.7	60.5
Min	52.1	53.5	44.4

## Appendix B1

### Day-time Noise Level at Rosaryhill School (NC6)

Date	Noise Level for 30-min, dB(A)			
	Time	Leq	L10	L90
27-Nov-08	07:03:00	60.2	63.2	52.9
27-Nov-08	07:33:00	61.3	64.8	51.6
27-Nov-08	08:03:00	60.9	63.0	53.2
27-Nov-08	08:33:00	62.5	66.0	54.4
27-Nov-08	09:03:00	59.8	62.2	53.4
27-Nov-08	09:33:00	58.6	61.4	53.4
27-Nov-08	10:03:00	57.3	59.4	52.5
27-Nov-08	10:33:00	58.1	60.5	53.0
27-Nov-08	11:03:00	56.4	59.0	51.6
27-Nov-08	11:33:00	58.2	60.4	53.5
27-Nov-08	12:03:00	56.5	57.1	52.1
27-Nov-08	12:33:00	55.6	57.5	51.4
27-Nov-08	13:03:00	57.5	60.7	52.4
27-Nov-08	13:33:00	56.8	59.1	51.7
27-Nov-08	14:03:00	56.3	58.6	51.5
27-Nov-08	14:33:00	58.4	60.9	53.8
27-Nov-08	15:03:00	58.1	60.9	52.3
27-Nov-08	15:33:00	59.7	62.3	53.7
27-Nov-08	16:03:00	57.9	58.9	52.1
27-Nov-08	16:33:00	63.4	67.0	57.1
27-Nov-08	17:03:00	58.4	59.6	50.3
27-Nov-08	17:33:00	60.8	63.9	51.3
27-Nov-08	18:03:00	53.7	56.3	49.2
27-Nov-08	18:33:00	54.6	56.4	48.9

Mean 59.0 61.8 52.7  
 Maximum 63.4 67.0 57.1  
 Minimum 53.7 56.3 48.9

Date	Noise Level for 30-min, dB(A)			
	Time	Leq	L10	L90
28-Nov-08	07:03:00	64.7	61.6	50.7
28-Nov-08	07:33:00	59.6	62.6	49.8
28-Nov-08	08:03:00	60.7	63.3	51.2
28-Nov-08	08:33:00	62.0	65.6	52.9
28-Nov-08	09:03:00	61.5	64.3	52.7
28-Nov-08	09:33:00	59.6	62.4	53.2
28-Nov-08	10:03:00	57.7	60.7	51.7
28-Nov-08	10:33:00	56.3	58.9	51.2
28-Nov-08	11:03:00	56.8	59.3	51.3
28-Nov-08	11:33:00	58.2	60.8	53.4
28-Nov-08	12:03:00	61.3	61.5	51.8
28-Nov-08	12:33:00	54.7	56.8	51.0
28-Nov-08	13:03:00	59.6	60.9	55.1
28-Nov-08	13:33:00	57.9	59.6	51.7
28-Nov-08	14:03:00	61.2	64.9	53.5
28-Nov-08	14:33:00	58.5	61.4	51.9
28-Nov-08	15:03:00	60.7	64.4	52.3
28-Nov-08	15:33:00	58.1	61.7	51.8
28-Nov-08	16:03:00	56.3	58.6	50.8
28-Nov-08	16:33:00	56.7	59.1	52.2
28-Nov-08	17:03:00	55.3	58.2	49.4
28-Nov-08	17:33:00	56.1	58.0	47.9
28-Nov-08	18:03:00	57.4	57.7	47.5
28-Nov-08	18:33:00	49.9	51.9	47.0

Mean 59.3 61.5 51.7  
 Maximum 64.7 65.6 55.1  
 Minimum 49.9 51.9 47.0



## Appendix B1

### Day-time Noise Level at Rosaryhill School (NC6)

Date	Noise Level for 30-min, dB(A)			
	Time	Leq	L10	L90
29-Nov-08	07:03:00	55.4	56.2	47.2
29-Nov-08	07:33:00	60.9	64.1	48.0
29-Nov-08	08:03:00	56.4	59.1	47.9
29-Nov-08	08:33:00	57.8	59.7	49.7
29-Nov-08	09:03:00	60.3	63.2	53.6
29-Nov-08	09:33:00	60.5	63.6	53.2
29-Nov-08	10:03:00	57.9	59.4	55.2
29-Nov-08	10:33:00	57.5	58.6	48.5
29-Nov-08	11:03:00	55.2	57.5	48.5
29-Nov-08	11:33:00	56.6	59.1	51.9
29-Nov-08	12:03:00	54.6	57.5	49.0
29-Nov-08	12:33:00	56.8	59.9	49.8
29-Nov-08	13:03:00	53.4	55.5	48.0
29-Nov-08	13:33:00	51.3	53.7	47.2
29-Nov-08	14:03:00	50.9	52.5	47.3
29-Nov-08	14:33:00	56.0	59.4	48.6
29-Nov-08	15:03:00	53.5	55.6	48.9
29-Nov-08	15:33:00	53.7	56.0	48.3
29-Nov-08	16:03:00	51.9	54.3	48.5
29-Nov-08	16:33:00	52.9	54.6	48.9
29-Nov-08	17:03:00	50.4	51.8	48.5
29-Nov-08	17:33:00	52.3	54.6	48.7
29-Nov-08	18:03:00	50.8	52.5	47.6
29-Nov-08	18:33:00	50.9	53.5	47.1

Mean 56.1 58.6 49.8  
 Maximum 60.9 64.1 55.2  
 Minimum 50.4 51.8 47.1

Date	Noise Level for 30-min, dB(A)			
	Time	Leq	L10	L90
1-Dec-08	07:03:00	67.5	71.2	58.7
1-Dec-08	07:33:00	64.8	67.2	58.4
1-Dec-08	08:03:00	60.0	62.3	53.9
1-Dec-08	08:33:00	66.3	69.1	60.6
1-Dec-08	09:03:00	62.9	66.2	55.9
1-Dec-08	09:33:00	58.2	59.8	53.5
1-Dec-08	10:03:00	59.6	61.8	54.9
1-Dec-08	10:33:00	65.0	67.0	59.2
1-Dec-08	11:03:00	59.3	61.8	55.3
1-Dec-08	11:33:00	63.3	64.8	56.7
1-Dec-08	12:03:00	67.9	71.1	60.8
1-Dec-08	12:33:00	70.0	73.5	59.4
1-Dec-08	13:03:00	67.1	69.5	60.4
1-Dec-08	13:33:00	61.4	64.7	54.7
1-Dec-08	14:03:00	58.3	60.5	53.8
1-Dec-08	14:33:00	75.8	72.9	54.9
1-Dec-08	15:03:00	68.4	68.9	59.3
1-Dec-08	15:33:00	65.5	67.6	57.3
1-Dec-08	16:03:00	63.9	66.7	56.1
1-Dec-08	16:33:00	66.0	69.7	57.7
1-Dec-08	17:03:00	59.2	62.4	51.3
1-Dec-08	17:33:00	61.7	64.7	49.5
1-Dec-08	18:03:00	54.6	57.1	48.7
1-Dec-08	18:33:00	53.0	54.0	48.1

Mean 66.4 67.8 57.1  
 Maximum 75.8 73.5 60.8  
 Minimum 53.0 54.0 48.1

## Appendix B1

### Day-time Noise Level at Rosaryhill School (NC6)

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
2-Dec-08	07:03:00	66.7	70.6	57.6
2-Dec-08	07:33:00	64.1	66.9	57.5
2-Dec-08	08:03:00	59.9	62.2	52.8
2-Dec-08	08:33:00	67.3	70.3	61.6
2-Dec-08	09:03:00	64.8	67.7	59.0
2-Dec-08	09:33:00	59.4	61.6	55.2
2-Dec-08	10:03:00	60.9	63.1	55.3
2-Dec-08	10:33:00	64.1	66.5	58.1
2-Dec-08	11:03:00	57.5	60.0	53.4
2-Dec-08	11:33:00	60.2	61.8	54.9
2-Dec-08	12:03:00	68.4	72.0	60.7
2-Dec-08	12:33:00	70.6	74.1	61.6
2-Dec-08	13:03:00	69.0	72.0	62.1
2-Dec-08	13:33:00	58.7	60.9	55.1
2-Dec-08	14:03:00	57.1	58.7	54.8
2-Dec-08	14:33:00	59.4	61.3	55.6
2-Dec-08	15:03:00	66.0	68.7	61.6
2-Dec-08	15:33:00	64.8	67.4	59.7
2-Dec-08	16:03:00	65.3	68.4	58.7
2-Dec-08	16:33:00	64.1	67.6	56.1
2-Dec-08	17:03:00	61.4	63.4	53.8
2-Dec-08	17:33:00	60.9	64.4	50.9
2-Dec-08	18:03:00	56.3	59.0	49.8
2-Dec-08	18:33:00	52.3	53.5	49.6

Mean 64.5 67.6 57.9  
 Maximum 70.6 74.1 62.1  
 Minimum 52.3 53.5 49.6

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
3-Dec-08	07:03:00	66.9	70.4	58.5
3-Dec-08	07:33:00	64.9	67.4	57.1
3-Dec-08	08:03:00	59.9	62.4	51.6
3-Dec-08	08:33:00	66.7	69.3	61.0
3-Dec-08	09:03:00	63.7	66.8	55.4
3-Dec-08	09:33:00	57.6	59.9	53.7
3-Dec-08	10:03:00	60.0	62.0	54.8
3-Dec-08	10:33:00	62.2	64.2	57.2
3-Dec-08	11:03:00	57.9	60.2	53.6
3-Dec-08	11:33:00	58.7	60.8	54.4
3-Dec-08	12:03:00	66.7	69.3	60.5
3-Dec-08	12:33:00	70.6	72.7	64.8
3-Dec-08	13:03:00	67.3	70.3	60.4
3-Dec-08	13:33:00	57.9	59.6	53.9
3-Dec-08	14:03:00	63.6	66.5	58.6
3-Dec-08	14:33:00	59.9	62.8	54.6
3-Dec-08	15:03:00	64.6	67.3	59.6
3-Dec-08	15:33:00	65.6	68.7	59.2
3-Dec-08	16:03:00	66.8	69.7	57.7
3-Dec-08	16:33:00	65.4	69.2	57.4
3-Dec-08	17:03:00	61.7	64.9	52.6
3-Dec-08	17:33:00	62.7	65.9	53.7
3-Dec-08	18:03:00	57.6	59.3	49.8
3-Dec-08	18:33:00	57.4	58.0	48.7

Mean 64.4 67.1 57.8  
 Maximum 70.6 72.7 64.8  
 Minimum 57.4 58.0 48.7

## Appendix B1

### Day-time Noise Level at Rosaryhill School (NC6)

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
4-Dec-08	07:03:00	66.6	70.4	58.3
4-Dec-08	07:33:00	64.3	66.9	59.0
4-Dec-08	08:03:00	60.2	62.2	53.4
4-Dec-08	08:33:00	68.5	71.5	62.9
4-Dec-08	09:03:00	65.1	66.8	57.5
4-Dec-08	09:33:00	63.0	66.2	56.7
4-Dec-08	10:03:00	59.9	62.3	55.6
4-Dec-08	10:33:00	62.6	64.1	57.7
4-Dec-08	11:03:00	60.1	62.8	54.7
4-Dec-08	11:33:00	61.9	64.1	57.1
4-Dec-08	12:03:00	68.3	71.0	63.2
4-Dec-08	12:33:00	71.4	74.1	65.0
4-Dec-08	13:03:00	67.5	70.3	60.8
4-Dec-08	13:33:00	60.5	63.4	54.7
4-Dec-08	14:03:00	58.8	61.4	54.2
4-Dec-08	14:33:00	60.8	62.0	54.3
4-Dec-08	15:03:00	66.2	69.1	61.1
4-Dec-08	15:33:00	65.1	68.5	57.6
4-Dec-08	16:03:00	65.4	68.4	57.2
4-Dec-08	16:33:00	64.9	68.1	59.0
4-Dec-08	17:03:00	62.0	64.7	54.6
4-Dec-08	17:33:00	61.2	63.6	52.1
4-Dec-08	18:03:00	56.6	58.9	51.7
4-Dec-08	18:33:00	55.7	56.2	50.9

Mean 64.8 67.6 58.6  
 Maximum 71.4 74.1 65.0  
 Minimum 55.7 56.2 50.9

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
5-Dec-08	07:03:00	54.5	57.2	49.1
5-Dec-08	07:33:00	60.1	62.2	50.5
5-Dec-08	08:03:00	59.6	62.5	53.4
5-Dec-08	08:33:00	66.4	68.6	57.1
5-Dec-08	09:03:00	66.5	69.4	58.4
5-Dec-08	09:33:00	66.2	69.7	56.7
5-Dec-08	10:03:00	66.6	67.6	56.2
5-Dec-08	10:33:00	63.5	66.3	56.6
5-Dec-08	11:03:00	63.4	65.9	55.6
5-Dec-08	11:33:00	69.0	72.2	55.7
5-Dec-08	12:03:00	66.7	67.9	54.2
5-Dec-08	12:33:00	61.6	64.1	54.1
5-Dec-08	13:03:00	60.8	62.3	52.9
5-Dec-08	13:33:00	59.1	60.5	52.0
5-Dec-08	14:03:00	59.0	61.7	51.7
5-Dec-08	14:33:00	58.6	61.6	52.2
5-Dec-08	15:03:00	59.2	61.0	52.4
5-Dec-08	15:33:00	59.7	62.4	54.0
5-Dec-08	16:03:00	57.8	60.4	52.4
5-Dec-08	16:33:00	62.0	64.6	52.6
5-Dec-08	17:03:00	56.2	57.6	49.7
5-Dec-08	17:33:00	55.8	58.7	49.4
5-Dec-08	18:03:00	57.8	60.0	49.1
5-Dec-08	18:33:00	53.4	55.0	47.8

Mean 63.0 65.4 54.0  
 Maximum 69.0 72.2 58.4  
 Minimum 53.4 55.0 47.8

## Appendix B1

### Day-time Noise Level at Rosaryhill School (NC6)

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
6-Dec-08	07:03:00	55.0	58.5	49.3
6-Dec-08	07:33:00	61.5	64.4	52.4
6-Dec-08	08:03:00	70.0	72.5	58.2
6-Dec-08	08:33:00	71.0	73.4	61.2
6-Dec-08	09:03:00	69.1	72.0	61.6
6-Dec-08	09:33:00	67.4	68.3	57.9
6-Dec-08	10:03:00	70.9	74.4	61.6
6-Dec-08	10:33:00	67.1	69.5	59.2
6-Dec-08	11:03:00	64.1	66.7	56.7
6-Dec-08	11:33:00	64.6	67.3	57.7
6-Dec-08	12:03:00	68.2	71.4	58.0
6-Dec-08	12:33:00	66.2	68.8	59.4
6-Dec-08	13:03:00	66.7	69.2	60.9
6-Dec-08	13:33:00	66.4	69.2	59.0
6-Dec-08	14:03:00	67.4	70.6	60.1
6-Dec-08	14:33:00	70.3	73.4	61.7
6-Dec-08	15:03:00	66.5	69.2	60.1
6-Dec-08	15:33:00	66.5	69.5	58.8
6-Dec-08	16:03:00	65.5	67.8	57.5
6-Dec-08	16:33:00	65.8	68.6	59.2
6-Dec-08	17:03:00	68.8	71.3	59.9
6-Dec-08	17:33:00	60.5	63.5	50.9
6-Dec-08	18:03:00	60.4	62.5	49.3
6-Dec-08	18:33:00	52.5	54.4	47.7

Mean 67.1 69.9 58.8  
 Maximum 71.0 74.4 61.7  
 Minimum 52.5 54.4 47.7

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
8-Dec-08	07:03:00	60.7	63.7	53.4
8-Dec-08	07:33:00	60.6	63.5	52.1
8-Dec-08	08:03:00	62.0	65.0	53.6
8-Dec-08	08:33:00	61.4	64.1	53.7
8-Dec-08	09:03:00	62.0	65.6	53.8
8-Dec-08	09:33:00	59.8	62.0	53.8
8-Dec-08	10:03:00	59.6	62.3	54.1
8-Dec-08	10:33:00	56.9	59.0	52.4
8-Dec-08	11:03:00	59.1	61.6	53.6
8-Dec-08	11:33:00	57.4	59.9	52.7
8-Dec-08	12:03:00	58.3	59.3	53.5
8-Dec-08	12:33:00	55.6	57.2	52.1
8-Dec-08	13:03:00	57.8	60.7	52.7
8-Dec-08	13:33:00	56.9	59.7	52.1
8-Dec-08	14:03:00	56.3	58.5	51.6
8-Dec-08	14:33:00	58.9	61.3	54.1
8-Dec-08	15:03:00	57.4	60.3	52.2
8-Dec-08	15:33:00	60.6	63.3	54.5
8-Dec-08	16:03:00	59.6	61.1	53.2
8-Dec-08	16:33:00	62.7	66.8	53.5
8-Dec-08	17:03:00	60.4	62.6	57.0
8-Dec-08	17:33:00	60.9	63.3	51.2
8-Dec-08	18:03:00	59.2	61.8	51.2
8-Dec-08	18:33:00	55.4	57.7	49.3

Mean 59.6 62.4 53.2  
 Maximum 62.7 66.8 57.0  
 Minimum 55.4 57.2 49.3

## Appendix B1

### Day-time Noise Level at Rosaryhill School (NC6)

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
9-Dec-08	07:03:00	62.9	67.5	51.5
9-Dec-08	07:33:00	66.3	69.6	59.2
9-Dec-08	08:03:00	63.8	66.7	55.5
9-Dec-08	08:33:00	63.2	66.7	55.3
9-Dec-08	09:03:00	67.7	70.3	62.6
9-Dec-08	09:33:00	64.3	67.3	58.4
9-Dec-08	10:03:00	58.2	60.2	54.0
9-Dec-08	10:33:00	65.3	67.7	58.6
9-Dec-08	11:03:00	59.7	61.9	56.0
9-Dec-08	11:33:00	57.9	60.2	53.8
9-Dec-08	12:03:00	62.1	63.5	57.2
9-Dec-08	12:33:00	71.0	74.6	61.9
9-Dec-08	13:03:00	70.0	73.5	62.1
9-Dec-08	13:33:00	67.5	70.3	61.0
9-Dec-08	14:03:00	58.4	60.3	55.3
9-Dec-08	14:33:00	58.6	60.5	55.4
9-Dec-08	15:03:00	59.8	61.7	55.9
9-Dec-08	15:33:00	68.4	71.1	63.7
9-Dec-08	16:03:00	59.7	61.8	53.8
9-Dec-08	16:33:00	66.6	69.6	59.7
9-Dec-08	17:03:00	62.2	66.0	53.7
9-Dec-08	17:33:00	62.2	64.5	53.9
9-Dec-08	18:03:00	61.2	64.8	51.0
9-Dec-08	18:33:00	53.4	55.3	50.1
Mean		64.9	68.0	58.3
Maximum		71.0	74.6	63.7
Minimum		53.4	55.3	50.1

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
10-Dec-08	07:03:00	63.9	67.9	53.5
10-Dec-08	07:33:00	67.4	69.9	60.2
10-Dec-08	08:03:00	62.8	65.6	52.2
10-Dec-08	08:33:00	64.0	67.0	57.3
10-Dec-08	09:03:00	66.0	68.8	60.4
10-Dec-08	09:33:00	62.2	65.0	54.8
10-Dec-08	10:03:00	57.5	59.4	53.8
10-Dec-08	10:33:00	63.2	65.4	57.5
10-Dec-08	11:03:00	59.4	61.3	55.2
10-Dec-08	11:33:00	58.1	59.9	53.7
10-Dec-08	12:03:00	61.9	64.7	56.5
10-Dec-08	12:33:00	70.6	72.7	64.5
10-Dec-08	13:03:00	69.6	72.3	63.4
10-Dec-08	13:33:00	63.1	66.0	57.4
10-Dec-08	14:03:00	62.1	65.3	56.0
10-Dec-08	14:33:00	59.8	62.8	54.5
10-Dec-08	15:03:00	66.6	69.8	60.7
10-Dec-08	15:33:00	69.9	72.9	63.9
10-Dec-08	16:03:00	71.2	74.2	64.9
10-Dec-08	16:33:00	70.7	72.9	63.6
10-Dec-08	17:03:00	71.7	74.9	61.3
10-Dec-08	17:33:00	63.2	66.4	51.8
10-Dec-08	18:03:00	55.8	58.7	49.4
10-Dec-08	18:33:00	53.0	55.6	48.1
Mean		66.4	69.2	59.7
Maximum		71.7	74.9	64.9
Minimum		53.0	55.6	48.1

Summary of Day Time Noise Level at Rosaryhill School (NC6)			
	Leq	L10	L90
Mean	64.1	66.7	56.8
Max	75.8	74.9	65.0
Min	49.9	51.8	47.0

## Appendix B1

### Day-time Noise Level at The Harbour View (NC10)

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
9-Dec-08	07:03:00	72.8	75.7	62.3
9-Dec-08	07:33:00	72.3	75.4	60.3
9-Dec-08	08:03:00	72.8	75.5	63.4
9-Dec-08	08:33:00	72.6	75.5	64.5
9-Dec-08	09:03:00	72.5	75.1	62.5
9-Dec-08	09:33:00	71.9	74.7	62.2
9-Dec-08	10:03:00	71.1	74.3	62.1
9-Dec-08	10:33:00	71.0	74.3	60.4
9-Dec-08	11:03:00	71.4	74.5	61.2
9-Dec-08	11:33:00	71.4	74.4	61.2
9-Dec-08	12:03:00	70.8	74.0	62.3
9-Dec-08	12:33:00	70.9	74.3	60.2
9-Dec-08	13:03:00	71.0	74.1	60.2
9-Dec-08	13:33:00	72.0	75.0	61.6
9-Dec-08	14:03:00	73.2	76.1	63.6
9-Dec-08	14:33:00	72.4	74.8	62.4
9-Dec-08	15:03:00	71.7	74.7	62.5
9-Dec-08	15:33:00	72.1	74.9	62.8
9-Dec-08	16:03:00	71.3	74.5	61.5
9-Dec-08	16:33:00	71.2	74.3	62.5
9-Dec-08	17:03:00	71.7	74.6	62.4
9-Dec-08	17:33:00	71.1	74.0	62.6
9-Dec-08	18:03:00	71.3	73.8	62.2
9-Dec-08	18:33:00	70.9	73.5	63.1

Mean 71.8 74.7 62.2  
Maximum 73.2 76.1 64.5  
Minimum 70.8 73.5 60.2

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
10-Dec-08	07:03:00	72.6	75.7	60.8
10-Dec-08	07:33:00	71.8	75.0	61.2
10-Dec-08	08:03:00	72.2	75.2	62.1
10-Dec-08	08:33:00	72.9	75.3	64.0
10-Dec-08	09:03:00	72.4	74.9	64.0
10-Dec-08	09:33:00	72.8	75.5	63.5
10-Dec-08	10:03:00	71.3	74.6	60.4
10-Dec-08	10:33:00	71.2	74.4	62.0
10-Dec-08	11:03:00	70.4	74.1	58.6
10-Dec-08	11:33:00	71.1	74.0	60.9
10-Dec-08	12:03:00	70.6	73.7	59.9
10-Dec-08	12:33:00	71.8	74.8	60.4
10-Dec-08	13:03:00	70.7	74.0	60.2
10-Dec-08	13:33:00	70.9	73.9	60.8
10-Dec-08	14:03:00	71.5	74.7	61.8
10-Dec-08	14:33:00	70.9	73.9	60.5
10-Dec-08	15:03:00	71.7	74.4	62.8
10-Dec-08	15:33:00	71.3	74.5	62.5
10-Dec-08	16:03:00	71.1	74.3	61.6
10-Dec-08	16:33:00	71.1	74.1	61.3
10-Dec-08	17:03:00	71.3	74.6	62.1
10-Dec-08	17:33:00	71.1	74.1	63.4
10-Dec-08	18:03:00	70.6	73.3	63.4
10-Dec-08	18:33:00	71.1	73.4	64.5

Mean 71.5 74.5 62.0  
Maximum 72.9 75.7 64.5  
Minimum 70.4 73.3 58.6

## Appendix B1

### Day-time Noise Level at The Harbour View (NC10)

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
11-Dec-08	07:03:00	72.7	75.6	62.4
11-Dec-08	07:33:00	71.6	74.8	61.5
11-Dec-08	08:03:00	72.1	75.1	62.8
11-Dec-08	08:33:00	72.4	75.4	65.0
11-Dec-08	09:03:00	71.6	74.4	63.0
11-Dec-08	09:33:00	71.6	74.7	61.9
11-Dec-08	10:03:00	71.3	73.8	60.2
11-Dec-08	10:33:00	71.3	74.4	62.2
11-Dec-08	11:03:00	71.2	73.9	61.0
11-Dec-08	11:33:00	69.6	72.6	61.7
11-Dec-08	12:03:00	70.9	74.0	61.8
11-Dec-08	12:33:00	71.3	74.7	59.9
11-Dec-08	13:03:00	71.5	74.3	61.2
11-Dec-08	13:33:00	71.1	73.7	60.8
11-Dec-08	14:03:00	71.1	74.3	61.5
11-Dec-08	14:33:00	72.2	74.9	63.4
11-Dec-08	15:03:00	71.6	74.4	64.0
11-Dec-08	15:33:00	71.3	74.5	63.0
11-Dec-08	16:03:00	71.9	75.0	63.8
11-Dec-08	16:33:00	72.2	75.0	62.5
11-Dec-08	17:03:00	71.3	74.2	63.4
11-Dec-08	17:33:00	71.3	73.9	63.5
11-Dec-08	18:03:00	71.0	73.8	63.7
11-Dec-08	18:33:00	71.4	73.6	63.5

Mean 71.5 74.4 62.6  
 Maximum 72.7 75.6 65.0  
 Minimum 69.6 72.6 59.9

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
12-Dec-08	07:03:00	72.7	75.7	61.5
12-Dec-08	07:33:00	72.2	75.2	61.0
12-Dec-08	08:03:00	72.2	75.0	62.8
12-Dec-08	08:33:00	72.6	75.5	65.0
12-Dec-08	09:03:00	72.1	74.9	62.7
12-Dec-08	09:33:00	73.0	75.4	64.1
12-Dec-08	10:03:00	69.9	73.1	62.8
12-Dec-08	10:33:00	68.9	71.8	62.7
12-Dec-08	11:03:00	71.1	72.5	61.1
12-Dec-08	11:33:00	71.7	74.6	62.2
12-Dec-08	12:03:00	71.5	74.4	60.4
12-Dec-08	12:33:00	71.9	74.8	61.6
12-Dec-08	13:03:00	72.4	74.8	61.5
12-Dec-08	13:33:00	71.8	74.8	62.0
12-Dec-08	14:03:00	72.1	74.4	62.0
12-Dec-08	14:33:00	72.6	74.6	62.8
12-Dec-08	15:03:00	72.2	75.1	63.3
12-Dec-08	15:33:00	71.9	74.9	63.6
12-Dec-08	16:03:00	72.5	75.3	63.7
12-Dec-08	16:33:00	71.5	74.7	62.3
12-Dec-08	17:03:00	72.3	75.1	64.6
12-Dec-08	17:33:00	71.4	74.3	63.4
12-Dec-08	18:03:00	71.5	74.1	64.0
12-Dec-08	18:33:00	71.4	73.8	63.6

Mean 71.9 74.6 62.9  
 Maximum 73.0 75.7 65.0  
 Minimum 68.9 71.8 60.4

## Appendix B1

### Day-time Noise Level at The Harbour View (NC10)

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
13-Dec-08	07:03:00	68.4	71.9	53.7
13-Dec-08	07:33:00	69.5	73.1	55.3
13-Dec-08	08:03:00	70.1	73.4	57.9
13-Dec-08	08:33:00	71.0	74.0	61.0
13-Dec-08	09:03:00	71.7	74.7	60.2
13-Dec-08	09:33:00	71.4	74.2	61.8
13-Dec-08	10:03:00	71.3	74.4	60.8
13-Dec-08	10:33:00	70.4	73.9	60.5
13-Dec-08	11:03:00	70.8	74.1	60.3
13-Dec-08	11:33:00	70.9	73.9	62.7
13-Dec-08	12:03:00	71.4	74.7	62.0
13-Dec-08	12:33:00	71.1	74.3	61.7
13-Dec-08	13:03:00	71.7	74.5	61.5
13-Dec-08	13:33:00	72.1	74.7	59.1
13-Dec-08	14:03:00	71.4	74.5	61.0
13-Dec-08	14:33:00	71.8	75.0	61.7
13-Dec-08	15:03:00	72.9	74.9	61.6
13-Dec-08	15:33:00	71.2	74.3	62.3
13-Dec-08	16:03:00	70.9	74.2	61.0
13-Dec-08	16:33:00	71.4	74.6	61.7
13-Dec-08	17:03:00	71.7	74.4	62.8
13-Dec-08	17:33:00	71.3	74.3	62.9
13-Dec-08	18:03:00	71.7	73.9	62.3
13-Dec-08	18:33:00	72.6	75.3	62.1

Mean 71.3 74.3 61.2  
 Maximum 72.9 75.3 62.9  
 Minimum 68.4 71.9 53.7

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
15-Dec-08	07:03:00	72.8	75.7	61.9
15-Dec-08	07:33:00	72.2	75.2	61.6
15-Dec-08	08:03:00	73.4	75.3	62.2
15-Dec-08	08:33:00	72.8	75.6	65.2
15-Dec-08	09:03:00	73.0	75.6	63.6
15-Dec-08	09:33:00	72.6	75.6	63.0
15-Dec-08	10:03:00	71.3	74.5	61.0
15-Dec-08	10:33:00	71.0	74.4	61.6
15-Dec-08	11:03:00	71.3	74.6	61.0
15-Dec-08	11:33:00	71.2	74.4	61.2
15-Dec-08	12:03:00	71.6	74.7	61.1
15-Dec-08	12:33:00	71.2	74.6	60.1
15-Dec-08	13:03:00	71.3	74.5	59.0
15-Dec-08	13:33:00	71.8	74.4	61.5
15-Dec-08	14:03:00	71.0	74.3	60.6
15-Dec-08	14:33:00	71.4	74.4	61.7
15-Dec-08	15:03:00	72.7	74.7	63.2
15-Dec-08	15:33:00	71.9	75.0	63.0
15-Dec-08	16:03:00	71.6	74.7	62.5
15-Dec-08	16:33:00	71.5	74.6	61.8
15-Dec-08	17:03:00	71.9	74.8	63.0
15-Dec-08	17:33:00	71.1	73.9	64.2
15-Dec-08	18:03:00	71.0	73.9	62.6
15-Dec-08	18:33:00	71.1	74.0	63.0

Mean 71.8 74.8 62.3  
 Maximum 73.4 75.7 65.2  
 Minimum 71.0 73.9 59.0



## Appendix B1

### Day-time Noise Level at The Harbour View (NC10)

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
16-Dec-08	07:03:00	72.2	75.5	60.7
16-Dec-08	07:33:00	72.1	75.2	60.2
16-Dec-08	08:03:00	72.3	75.5	63.0
16-Dec-08	08:33:00	72.8	75.6	64.3
16-Dec-08	09:03:00	72.6	75.3	63.9
16-Dec-08	09:33:00	72.1	75.0	62.5
16-Dec-08	10:03:00	69.6	72.8	61.1
16-Dec-08	10:33:00	70.6	73.8	60.7
16-Dec-08	11:03:00	71.3	74.6	61.1
16-Dec-08	11:33:00	71.2	74.6	60.7
16-Dec-08	12:03:00	71.2	74.4	60.6
16-Dec-08	12:33:00	71.6	74.6	61.0
16-Dec-08	13:03:00	71.9	74.7	61.5
16-Dec-08	13:33:00	71.2	74.2	61.4
16-Dec-08	14:03:00	71.2	74.5	60.2
16-Dec-08	14:33:00	71.6	74.5	60.9
16-Dec-08	15:03:00	71.9	75.0	62.6
16-Dec-08	15:33:00	72.0	75.0	61.8
16-Dec-08	16:03:00	72.3	75.2	63.3
16-Dec-08	16:33:00	71.7	74.4	62.7
16-Dec-08	17:03:00	71.7	74.4	63.9
16-Dec-08	17:33:00	71.4	74.0	64.3
16-Dec-08	18:03:00	71.4	73.9	63.1
16-Dec-08	18:33:00	70.8	73.7	62.9

Mean 71.7 74.7 62.2  
Maximum 72.8 75.6 64.3  
Minimum 69.6 72.8 60.2

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
17-Dec-08	07:03:00	72.8	75.5	62.5
17-Dec-08	07:33:00	72.4	75.4	61.0
17-Dec-08	08:03:00	72.3	75.4	61.6
17-Dec-08	08:33:00	72.3	75.3	63.8
17-Dec-08	09:03:00	73.1	75.7	64.0
17-Dec-08	09:33:00	72.1	74.7	62.2
17-Dec-08	10:03:00	71.6	74.7	61.1
17-Dec-08	10:33:00	71.1	74.4	61.1
17-Dec-08	11:03:00	71.9	75.0	60.0
17-Dec-08	11:33:00	71.7	74.9	62.4
17-Dec-08	12:03:00	71.4	74.5	61.9
17-Dec-08	12:33:00	71.5	74.1	59.9
17-Dec-08	13:03:00	70.9	74.3	59.0
17-Dec-08	13:33:00	71.0	74.1	59.0
17-Dec-08	14:03:00	71.3	74.5	59.8
17-Dec-08	14:33:00	71.4	74.6	61.1
17-Dec-08	15:03:00	71.7	74.8	62.4
17-Dec-08	15:33:00	71.3	74.2	62.4
17-Dec-08	16:03:00	71.3	74.4	61.6
17-Dec-08	16:33:00	71.6	74.3	61.7
17-Dec-08	17:03:00	72.0	74.7	62.3
17-Dec-08	17:33:00	71.3	74.2	63.5
17-Dec-08	18:03:00	71.1	73.7	64.7
17-Dec-08	18:33:00	71.6	74.2	64.2

Mean 71.7 74.7 62.1  
Maximum 73.1 75.7 64.7  
Minimum 70.9 73.7 59.0

## Appendix B1

### Day-time Noise Level at The Harbour View (NC10)

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
18-Dec-08	07:03:00	72.2	75.4	61.8
18-Dec-08	07:33:00	71.9	75.0	61.4
18-Dec-08	08:03:00	72.4	75.3	63.0
18-Dec-08	08:33:00	72.6	75.4	63.8
18-Dec-08	09:03:00	72.1	75.0	62.6
18-Dec-08	09:33:00	72.4	75.0	62.2
18-Dec-08	10:03:00	71.5	74.4	60.8
18-Dec-08	10:33:00	71.1	74.2	61.3
18-Dec-08	11:03:00	71.2	74.2	59.3
18-Dec-08	11:33:00	71.2	74.3	60.8
18-Dec-08	12:03:00	71.5	74.5	63.2
18-Dec-08	12:33:00	71.3	74.6	61.7
18-Dec-08	13:03:00	71.3	74.5	60.6
18-Dec-08	13:33:00	71.9	74.3	59.7
18-Dec-08	14:03:00	71.8	74.7	60.4
18-Dec-08	14:33:00	71.1	74.2	61.0
18-Dec-08	15:03:00	71.3	74.4	61.4
18-Dec-08	15:33:00	71.6	74.7	62.1
18-Dec-08	16:03:00	72.1	74.8	61.7
18-Dec-08	16:33:00	72.1	74.5	61.1
18-Dec-08	17:03:00	72.1	74.5	62.9
18-Dec-08	17:33:00	71.2	74.0	63.4
18-Dec-08	18:03:00	71.3	74.1	63.4
18-Dec-08	18:33:00	71.1	73.7	63.2

Mean 71.7 74.6 61.9  
 Maximum 72.6 75.4 63.8  
 Minimum 71.1 73.7 59.3

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
19-Dec-08	07:03:00	72.3	75.3	61.0
19-Dec-08	07:33:00	72.5	75.7	61.1
19-Dec-08	08:03:00	72.5	75.6	61.5
19-Dec-08	08:33:00	72.6	75.5	64.1
19-Dec-08	09:03:00	72.9	75.9	63.6
19-Dec-08	09:33:00	74.0	76.3	64.7
19-Dec-08	10:03:00	73.8	76.2	64.2
19-Dec-08	10:33:00	72.4	75.2	63.9
19-Dec-08	11:03:00	72.0	75.0	64.4
19-Dec-08	11:33:00	71.7	74.9	61.6
19-Dec-08	12:03:00	71.8	74.7	62.8
19-Dec-08	12:33:00	71.1	74.3	61.8
19-Dec-08	13:03:00	71.8	74.5	61.0
19-Dec-08	13:33:00	71.5	74.6	59.8
19-Dec-08	14:03:00	71.8	74.9	62.6
19-Dec-08	14:33:00	72.1	74.8	62.6
19-Dec-08	15:03:00	71.7	74.5	61.5
19-Dec-08	15:33:00	71.1	74.4	60.6
19-Dec-08	16:03:00	71.4	74.5	61.9
19-Dec-08	16:33:00	70.9	74.0	60.8
19-Dec-08	17:03:00	71.5	74.4	62.1
19-Dec-08	17:33:00	71.1	73.8	62.8
19-Dec-08	18:03:00	70.8	73.6	62.3
19-Dec-08	18:33:00	71.2	73.7	63.4

Mean 72.0 74.9 62.5  
 Maximum 74.0 76.3 64.7  
 Minimum 70.8 73.6 59.8

## **Appendix B1**

### **Day-time Noise Level at The Harbour View (NC10)**

Noise Level for 30-min, dB(A)				
Date	Time	Leq	L10	L90
20-Dec-08	07:03:00	68.3	72.1	54.7
20-Dec-08	07:33:00	70.1	73.6	56.1
20-Dec-08	08:03:00	69.7	73.1	56.9
20-Dec-08	08:33:00	72.1	74.6	59.4
20-Dec-08	09:03:00	70.9	73.9	59.3
20-Dec-08	09:33:00	71.1	74.2	60.7
20-Dec-08	10:03:00	70.5	73.7	60.5
20-Dec-08	10:33:00	70.8	74.0	60.5
20-Dec-08	11:03:00	70.8	73.9	61.1
20-Dec-08	11:33:00	71.6	74.4	62.0
20-Dec-08	12:03:00	70.9	74.0	62.1
20-Dec-08	12:33:00	72.5	74.3	59.5
20-Dec-08	13:03:00	70.5	73.8	60.2
20-Dec-08	13:33:00	71.5	74.2	60.4
20-Dec-08	14:03:00	71.4	74.3	61.7
20-Dec-08	14:33:00	71.1	74.2	62.1
20-Dec-08	15:03:00	71.2	74.3	59.6
20-Dec-08	15:33:00	70.9	74.0	60.9
20-Dec-08	16:03:00	71.2	74.4	60.2
20-Dec-08	16:33:00	71.6	74.4	61.5
20-Dec-08	17:03:00	72.1	74.2	61.7
20-Dec-08	17:33:00	70.9	73.7	62.1
20-Dec-08	18:03:00	70.6	73.5	62.5
20-Dec-08	18:33:00	70.7	73.5	62.2

Mean 71.0 74.0 60.7  
 Maximum 72.5 74.6 62.5  
 Minimum 68.3 72.1 54.7

Noise Level for 30-min, dB(A)				
Date	Time	Leq	L10	L90
22-Dec-08	07:03:00	72.6	75.6	61.3
22-Dec-08	07:33:00	72.9	76.0	61.4
22-Dec-08	08:03:00	72.9	76.0	61.8
22-Dec-08	08:33:00	72.9	75.9	64.4
22-Dec-08	09:03:00	73.2	76.3	63.9
22-Dec-08	09:33:00	74.4	76.6	65.0
22-Dec-08	10:03:00	74.2	76.6	64.6
22-Dec-08	10:33:00	72.8	75.6	64.2
22-Dec-08	11:03:00	72.4	75.3	64.7
22-Dec-08	11:33:00	72.0	75.3	61.9
22-Dec-08	12:03:00	71.8	74.7	63.2
22-Dec-08	12:33:00	71.0	74.3	59.8
22-Dec-08	13:03:00	71.1	74.3	59.3
22-Dec-08	13:33:00	71.5	74.5	59.8
22-Dec-08	14:03:00	71.2	74.3	61.4
22-Dec-08	14:33:00	71.3	74.1	61.7
22-Dec-08	15:03:00	72.5	75.0	63.0
22-Dec-08	15:33:00	71.8	74.7	63.2
22-Dec-08	16:03:00	71.8	74.8	62.7
22-Dec-08	16:33:00	71.0	74.2	61.2
22-Dec-08	17:03:00	71.2	74.0	62.6
22-Dec-08	17:33:00	71.1	73.9	63.0
22-Dec-08	18:03:00	70.5	73.4	62.8
22-Dec-08	18:33:00	71.9	73.6	62.9

Mean 72.2 75.1 62.8  
 Maximum 74.4 76.6 65.0  
 Minimum 70.5 73.4 59.3

Summary of Day Time Noise Level at The Harbour View (NC10)			
	Leq	L10	L90
Mean	71.7	74.6	62.1
Max	74.4	76.6	65.2
Min	68.3	71.8	53.7

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**APPENDIX B2 & B3  
EVENING-TIME 19:00-23:00HRS AND  
HOLIDAYS 07:00-2300HRS BASELINE  
NOISE MONITORING DATA**

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**Appendix B2&B3**

**Evening Time and Holiday Noise Level at Man Yuen Garden (NC4)**

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
25-Nov-08	19:03:00	62.7	65.3	57.5
25-Nov-08	19:08:00	63.9	66.8	55.6
25-Nov-08	19:13:00	61.8	65.2	53.7
25-Nov-08	19:18:00	62.9	65.9	56.0
25-Nov-08	19:23:00	63.6	65.8	56.9
25-Nov-08	19:28:00	63.1	65.0	56.7
25-Nov-08	19:33:00	63.5	65.0	56.0
25-Nov-08	19:38:00	62.8	65.6	55.3
25-Nov-08	19:43:00	62.6	65.5	54.4
25-Nov-08	19:48:00	66.5	66.2	52.2
25-Nov-08	19:53:00	61.9	65.2	53.3
25-Nov-08	19:58:00	61.9	65.5	52.2
25-Nov-08	20:03:00	61.4	64.2	52.8
25-Nov-08	20:08:00	61.6	64.9	53.3
25-Nov-08	20:13:00	59.5	63.3	52.0
25-Nov-08	20:18:00	60.8	64.5	51.6
25-Nov-08	20:23:00	60.7	65.3	50.8
25-Nov-08	20:28:00	62.5	65.4	53.3
25-Nov-08	20:33:00	60.9	64.9	51.1
25-Nov-08	20:38:00	60.5	64.0	52.0
25-Nov-08	20:43:00	63.2	67.3	51.2
25-Nov-08	20:48:00	61.1	64.6	52.3
25-Nov-08	20:53:00	60.6	64.3	51.4
25-Nov-08	20:58:00	61.7	65.0	53.0
25-Nov-08	21:03:00	60.7	63.8	51.3
25-Nov-08	21:08:00	59.3	62.5	50.2
25-Nov-08	21:13:00	60.7	64.8	51.0
25-Nov-08	21:18:00	59.2	63.3	49.6
25-Nov-08	21:23:00	62.3	65.2	52.2
25-Nov-08	21:28:00	59.5	62.8	51.6
25-Nov-08	21:33:00	59.4	62.8	49.6
25-Nov-08	21:38:00	59.3	63.2	48.5
25-Nov-08	21:43:00	60.2	63.8	50.3
25-Nov-08	21:48:00	59.5	63.3	48.9
25-Nov-08	21:53:00	60.5	63.6	50.6
25-Nov-08	21:58:00	57.5	61.4	49.3
25-Nov-08	22:03:00	59.1	63.2	48.6
25-Nov-08	22:08:00	58.5	62.0	50.6
25-Nov-08	22:13:00	57.7	61.7	47.8
25-Nov-08	22:18:00	60.0	63.3	48.8
25-Nov-08	22:23:00	57.8	62.5	47.6
25-Nov-08	22:28:00	58.7	62.7	50.0
25-Nov-08	22:33:00	57.2	61.6	47.8
25-Nov-08	22:38:00	57.9	62.0	48.4
25-Nov-08	22:43:00	57.9	62.7	48.3
25-Nov-08	22:48:00	61.4	65.4	49.1
25-Nov-08	22:53:00	60.5	65.0	48.7
25-Nov-08	22:58:00	59.4	64.1	48.2

Mean 61.2 64.4 52.4  
 Maximum 66.5 67.3 57.5  
 Minimum 57.2 61.4 47.6

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
26-Nov-08	19:03:00	65.0	66.7	58.3
26-Nov-08	19:08:00	62.5	64.9	57.5
26-Nov-08	19:13:00	62.4	64.9	58.0
26-Nov-08	19:18:00	62.0	64.9	52.7
26-Nov-08	19:23:00	63.0	65.8	56.6
26-Nov-08	19:28:00	61.7	64.1	56.1
26-Nov-08	19:33:00	62.7	65.3	56.2
26-Nov-08	19:38:00	63.5	67.6	53.9
26-Nov-08	19:43:00	63.9	66.6	55.9
26-Nov-08	19:48:00	62.3	65.4	53.5
26-Nov-08	19:53:00	63.2	66.5	55.2
26-Nov-08	19:58:00	61.8	64.9	55.4
26-Nov-08	20:03:00	60.6	64.1	51.1
26-Nov-08	20:08:00	62.4	65.4	53.7
26-Nov-08	20:13:00	60.7	63.4	53.7
26-Nov-08	20:18:00	62.3	66.0	54.0
26-Nov-08	20:23:00	63.1	66.4	53.1
26-Nov-08	20:28:00	60.8	64.6	49.7
26-Nov-08	20:33:00	61.5	64.9	51.0
26-Nov-08	20:38:00	62.1	66.0	49.9
26-Nov-08	20:43:00	60.5	64.2	50.4
26-Nov-08	20:48:00	63.9	64.5	48.5
26-Nov-08	20:53:00	59.5	63.9	48.7
26-Nov-08	20:58:00	58.8	62.9	50.5
26-Nov-08	21:03:00	57.9	62.1	48.5
26-Nov-08	21:08:00	57.6	61.9	49.2
26-Nov-08	21:13:00	59.0	62.6	49.7
26-Nov-08	21:18:00	61.5	64.7	52.2
26-Nov-08	21:23:00	57.5	61.7	48.8
26-Nov-08	21:28:00	60.0	63.6	49.1
26-Nov-08	21:33:00	60.0	64.0	48.3
26-Nov-08	21:38:00	61.5	65.3	49.8
26-Nov-08	21:43:00	62.2	66.0	49.7
26-Nov-08	21:48:00	59.3	63.2	48.7
26-Nov-08	21:53:00	60.0	63.6	50.3
26-Nov-08	21:58:00	57.7	61.5	49.7
26-Nov-08	22:03:00	61.4	65.5	50.2
26-Nov-08	22:08:00	59.0	63.4	48.4
26-Nov-08	22:13:00	59.5	64.2	48.7
26-Nov-08	22:18:00	59.7	63.1	49.2
26-Nov-08	22:23:00	63.0	63.5	49.6
26-Nov-08	22:28:00	57.0	61.3	46.9
26-Nov-08	22:33:00	58.3	62.2	48.6
26-Nov-08	22:38:00	59.0	62.3	49.8
26-Nov-08	22:43:00	59.7	63.6	49.7
26-Nov-08	22:48:00	58.5	62.7	48.8
26-Nov-08	22:53:00	61.7	66.0	50.9
26-Nov-08	22:58:00	58.5	62.9	47.5

Mean 61.3 64.5 52.6  
 Maximum 65.0 67.6 58.3  
 Minimum 57.0 61.3 46.9

**Appendix B2&B3**

**Evening Time and Holiday Noise Level at Man Yuen Garden (NC4)**

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
27-Nov-08	19:03:00	63.0	65.4	57.0
27-Nov-08	19:08:00	63.1	66.0	56.2
27-Nov-08	19:13:00	62.7	65.4	53.4
27-Nov-08	19:18:00	61.8	65.2	54.6
27-Nov-08	19:23:00	62.5	65.3	56.6
27-Nov-08	19:28:00	63.0	65.3	55.3
27-Nov-08	19:33:00	61.7	64.4	53.9
27-Nov-08	19:38:00	62.9	66.1	57.2
27-Nov-08	19:43:00	61.8	65.3	52.7
27-Nov-08	19:48:00	63.2	65.8	54.8
27-Nov-08	19:53:00	59.8	63.4	52.1
27-Nov-08	19:58:00	62.1	65.7	52.2
27-Nov-08	20:03:00	59.4	63.3	50.5
27-Nov-08	20:08:00	61.6	65.4	52.5
27-Nov-08	20:13:00	59.6	63.1	51.5
27-Nov-08	20:18:00	61.7	65.0	53.8
27-Nov-08	20:23:00	61.0	64.6	51.5
27-Nov-08	20:28:00	63.0	65.1	53.2
27-Nov-08	20:33:00	61.2	64.1	54.6
27-Nov-08	20:38:00	61.5	65.9	53.8
27-Nov-08	20:43:00	60.3	63.7	53.6
27-Nov-08	20:48:00	59.7	62.9	52.1
27-Nov-08	20:53:00	59.5	63.4	51.4
27-Nov-08	20:58:00	62.0	64.9	54.9
27-Nov-08	21:03:00	61.1	63.8	53.4
27-Nov-08	21:08:00	59.2	62.7	53.3
27-Nov-08	21:13:00	60.2	64.0	53.1
27-Nov-08	21:18:00	60.2	63.2	54.1
27-Nov-08	21:23:00	59.5	63.4	51.9
27-Nov-08	21:28:00	60.1	63.8	51.9
27-Nov-08	21:33:00	62.2	64.7	53.2
27-Nov-08	21:38:00	61.2	64.3	54.5
27-Nov-08	21:43:00	61.1	64.9	50.9
27-Nov-08	21:48:00	62.3	65.7	54.9
27-Nov-08	21:53:00	59.6	62.8	51.0
27-Nov-08	21:58:00	63.0	66.7	54.7
27-Nov-08	22:03:00	60.4	63.5	52.4
27-Nov-08	22:08:00	60.1	64.4	51.7
27-Nov-08	22:13:00	57.5	60.9	51.3
27-Nov-08	22:18:00	58.7	62.5	50.5
27-Nov-08	22:23:00	59.8	63.6	51.9
27-Nov-08	22:28:00	59.5	63.4	50.1
27-Nov-08	22:33:00	58.3	62.0	50.8
27-Nov-08	22:38:00	61.2	64.6	54.1
27-Nov-08	22:43:00	60.3	63.7	53.6
27-Nov-08	22:48:00	59.4	63.0	52.4
27-Nov-08	22:53:00	59.5	63.2	52.3
27-Nov-08	22:58:00	58.5	62.4	52.1

Mean 61.1 64.4 53.5  
 Maximum 63.2 66.7 57.2  
 Minimum 57.5 60.9 50.1

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
28-Nov-08	19:03:00	61.5	64.1	55.6
28-Nov-08	19:08:00	62.7	65.9	57.1
28-Nov-08	19:13:00	62.9	65.8	54.8
28-Nov-08	19:18:00	63.1	65.5	57.9
28-Nov-08	19:23:00	63.7	66.5	58.4
28-Nov-08	19:28:00	64.8	66.7	57.3
28-Nov-08	19:33:00	63.6	66.3	54.5
28-Nov-08	19:38:00	63.8	66.4	57.9
28-Nov-08	19:43:00	62.7	65.7	56.7
28-Nov-08	19:48:00	62.6	65.5	54.1
28-Nov-08	19:53:00	63.7	66.6	56.3
28-Nov-08	19:58:00	62.4	66.3	55.6
28-Nov-08	20:03:00	63.7	66.5	53.5
28-Nov-08	20:08:00	62.5	65.2	54.3
28-Nov-08	20:13:00	61.8	65.6	52.1
28-Nov-08	20:18:00	61.0	64.4	51.4
28-Nov-08	20:23:00	61.2	65.0	51.3
28-Nov-08	20:28:00	62.1	66.0	50.4
28-Nov-08	20:33:00	62.2	65.3	50.5
28-Nov-08	20:38:00	59.3	63.7	48.7
28-Nov-08	20:43:00	61.1	65.1	48.3
28-Nov-08	20:48:00	59.9	63.5	49.9
28-Nov-08	20:53:00	59.1	63.2	48.3
28-Nov-08	20:58:00	58.9	63.2	48.5
28-Nov-08	21:03:00	66.1	64.9	50.6
28-Nov-08	21:08:00	60.3	64.1	49.5
28-Nov-08	21:13:00	59.9	63.8	49.3
28-Nov-08	21:18:00	59.4	64.0	49.3
28-Nov-08	21:23:00	60.9	64.1	50.9
28-Nov-08	21:28:00	60.8	63.7	49.1
28-Nov-08	21:33:00	62.0	66.1	49.4
28-Nov-08	21:38:00	60.3	64.0	50.3
28-Nov-08	21:43:00	59.9	63.5	48.7
28-Nov-08	21:48:00	62.4	64.1	49.8
28-Nov-08	21:53:00	60.9	64.2	49.7
28-Nov-08	21:58:00	60.9	63.3	52.5
28-Nov-08	22:03:00	60.1	63.6	51.1
28-Nov-08	22:08:00	59.3	63.0	49.1
28-Nov-08	22:13:00	59.1	63.3	47.8
28-Nov-08	22:18:00	60.6	64.0	51.7
28-Nov-08	22:23:00	60.4	64.5	48.7
28-Nov-08	22:28:00	59.7	63.7	48.0
28-Nov-08	22:33:00	59.3	63.5	48.5
28-Nov-08	22:38:00	60.2	64.2	47.4
28-Nov-08	22:43:00	59.4	63.2	50.0
28-Nov-08	22:48:00	59.0	63.0	48.0
28-Nov-08	22:53:00	60.7	64.5	48.2
28-Nov-08	22:58:00	59.7	63.5	48.3

Mean 61.6 64.8 52.8  
 Maximum 66.1 66.7 58.4  
 Minimum 58.9 63.0 47.4

**Appendix B2&B3**

**Evening Time and Holiday Noise Level at Man Yuen Garden (NC4)**

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
29-Nov-08	19:03:00	62.3	65.5	53.4
29-Nov-08	19:08:00	62.0	65.1	55.0
29-Nov-08	19:13:00	60.4	63.9	51.3
29-Nov-08	19:18:00	63.8	65.1	55.7
29-Nov-08	19:23:00	61.9	65.8	52.4
29-Nov-08	19:28:00	64.7	65.3	51.3
29-Nov-08	19:33:00	63.1	66.4	55.0
29-Nov-08	19:38:00	61.8	64.7	53.0
29-Nov-08	19:43:00	62.7	65.7	51.3
29-Nov-08	19:48:00	62.8	65.8	54.5
29-Nov-08	19:53:00	64.4	68.7	56.1
29-Nov-08	19:58:00	59.7	63.4	49.1
29-Nov-08	20:03:00	60.6	64.1	49.2
29-Nov-08	20:08:00	59.7	63.4	49.5
29-Nov-08	20:13:00	60.5	64.2	50.2
29-Nov-08	20:18:00	60.0	64.2	49.7
29-Nov-08	20:23:00	60.4	63.5	52.2
29-Nov-08	20:28:00	58.4	61.6	49.9
29-Nov-08	20:33:00	60.1	63.9	50.8
29-Nov-08	20:38:00	60.2	64.0	50.3
29-Nov-08	20:43:00	59.4	63.7	48.6
29-Nov-08	20:48:00	60.9	63.9	52.1
29-Nov-08	20:53:00	60.0	63.8	50.2
29-Nov-08	20:58:00	59.4	63.7	49.1
29-Nov-08	21:03:00	58.9	62.1	50.3
29-Nov-08	21:08:00	59.0	63.1	48.7
29-Nov-08	21:13:00	58.4	61.6	47.8
29-Nov-08	21:18:00	58.6	63.1	48.7
29-Nov-08	21:23:00	59.6	63.4	50.0
29-Nov-08	21:28:00	57.8	62.2	47.8
29-Nov-08	21:33:00	59.2	63.1	49.5
29-Nov-08	21:38:00	61.4	64.0	49.9
29-Nov-08	21:43:00	60.9	63.8	49.8
29-Nov-08	21:48:00	62.1	63.0	50.2
29-Nov-08	21:53:00	59.2	62.9	48.1
29-Nov-08	21:58:00	59.1	63.0	48.4
29-Nov-08	22:03:00	58.6	63.0	47.7
29-Nov-08	22:08:00	59.8	63.8	49.5
29-Nov-08	22:13:00	59.6	64.1	49.5
29-Nov-08	22:18:00	59.2	62.7	49.6
29-Nov-08	22:23:00	59.4	63.9	48.4
29-Nov-08	22:28:00	59.8	64.2	47.8
29-Nov-08	22:33:00	58.2	62.5	48.6
29-Nov-08	22:38:00	60.1	63.8	49.0
29-Nov-08	22:43:00	60.4	64.2	48.6
29-Nov-08	22:48:00	58.0	62.4	48.2
29-Nov-08	22:53:00	58.7	62.8	48.4
29-Nov-08	22:58:00	60.8	63.9	49.0

Mean 60.7 64.1 50.9  
 Maximum 64.7 68.7 56.1  
 Minimum 57.8 61.6 47.7

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
30-Nov-08	07:03:00	58.4	62.8	47.5
30-Nov-08	07:08:00	55.5	60.2	46.3
30-Nov-08	07:13:00	56.8	61.7	46.3
30-Nov-08	07:18:00	56.6	61.1	47.0
30-Nov-08	07:23:00	56.9	61.6	47.4
30-Nov-08	07:28:00	58.3	62.8	47.2
30-Nov-08	07:33:00	58.5	61.3	48.4
30-Nov-08	07:38:00	57.3	61.7	46.9
30-Nov-08	07:43:00	56.8	60.2	46.8
30-Nov-08	07:48:00	58.4	62.3	47.6
30-Nov-08	07:53:00	62.1	66.5	49.8
30-Nov-08	07:58:00	57.8	62.4	48.1
30-Nov-08	08:03:00	58.5	63.3	47.4
30-Nov-08	08:08:00	60.4	64.5	48.3
30-Nov-08	08:13:00	60.4	64.4	50.1
30-Nov-08	08:18:00	59.4	63.7	49.1
30-Nov-08	08:23:00	60.0	63.5	50.6
30-Nov-08	08:28:00	60.6	64.3	50.8
30-Nov-08	08:33:00	58.8	61.9	48.9
30-Nov-08	08:38:00	64.5	68.2	51.8
30-Nov-08	08:43:00	62.9	66.2	52.2
30-Nov-08	08:48:00	59.9	63.8	51.4
30-Nov-08	08:53:00	60.6	63.4	50.0
30-Nov-08	08:58:00	62.0	64.7	53.3
30-Nov-08	09:03:00	60.9	65.4	49.1
30-Nov-08	09:08:00	60.2	63.8	51.9
30-Nov-08	09:13:00	59.7	63.8	49.2
30-Nov-08	09:18:00	59.7	63.8	51.9
30-Nov-08	09:23:00	59.3	62.7	50.4
30-Nov-08	09:28:00	60.9	64.8	49.7
30-Nov-08	09:33:00	62.5	65.5	52.9
30-Nov-08	09:38:00	60.3	63.9	51.8
30-Nov-08	09:43:00	61.4	64.8	53.6
30-Nov-08	09:48:00	62.0	65.0	51.1
30-Nov-08	09:53:00	60.0	63.7	50.1
30-Nov-08	09:58:00	60.1	63.6	52.3
30-Nov-08	10:03:00	63.8	67.3	51.7
30-Nov-08	10:08:00	61.8	64.8	52.1
30-Nov-08	10:13:00	60.2	64.0	51.5
30-Nov-08	10:18:00	60.5	64.1	50.8
30-Nov-08	10:23:00	61.7	64.6	55.2
30-Nov-08	10:28:00	62.1	65.1	53.9
30-Nov-08	10:33:00	61.0	64.5	53.3
30-Nov-08	10:38:00	61.7	65.1	51.9
30-Nov-08	10:43:00	61.4	64.6	53.3
30-Nov-08	10:48:00	60.6	63.9	52.3
30-Nov-08	10:53:00	61.9	65.3	53.6
30-Nov-08	10:58:00	61.6	64.1	54.6

**Appendix B2&B3**

**Evening Time and Holiday Noise Level at Man Yuen Garden (NC4)**

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
30-Nov-08	11:03:00	61.4	64.8	52.9
30-Nov-08	11:08:00	61.3	65.1	51.5
30-Nov-08	11:13:00	61.6	64.3	53.0
30-Nov-08	11:18:00	60.0	63.7	51.4
30-Nov-08	11:23:00	61.2	64.8	54.0
30-Nov-08	11:28:00	63.5	66.9	54.9
30-Nov-08	11:33:00	60.2	63.8	50.4
30-Nov-08	11:38:00	62.5	65.0	54.5
30-Nov-08	11:43:00	61.7	64.4	54.3
30-Nov-08	11:48:00	61.9	64.6	55.9
30-Nov-08	11:53:00	61.8	65.2	54.7
30-Nov-08	11:58:00	61.6	64.4	52.8
30-Nov-08	12:03:00	61.9	64.9	53.4
30-Nov-08	12:08:00	62.2	65.3	50.1
30-Nov-08	12:13:00	61.1	64.4	52.9
30-Nov-08	12:18:00	60.4	63.9	52.3
30-Nov-08	12:23:00	61.2	64.4	53.3
30-Nov-08	12:28:00	62.9	65.9	52.4
30-Nov-08	12:33:00	65.8	66.7	56.1
30-Nov-08	12:38:00	63.7	65.0	52.3
30-Nov-08	12:43:00	61.3	64.8	52.0
30-Nov-08	12:48:00	62.3	65.9	51.6
30-Nov-08	12:53:00	61.6	64.9	52.9
30-Nov-08	12:58:00	59.9	63.6	50.5
30-Nov-08	13:03:00	59.9	63.5	50.6
30-Nov-08	13:08:00	61.6	64.7	53.6
30-Nov-08	13:13:00	62.5	66.2	52.0
30-Nov-08	13:18:00	63.9	66.1	53.2
30-Nov-08	13:23:00	62.7	65.8	51.6
30-Nov-08	13:28:00	61.4	65.0	53.5
30-Nov-08	13:33:00	59.9	63.9	51.9
30-Nov-08	13:38:00	60.1	63.9	52.2
30-Nov-08	13:43:00	62.2	65.0	55.3
30-Nov-08	13:48:00	61.5	65.0	52.9
30-Nov-08	13:53:00	60.4	64.0	52.3
30-Nov-08	13:58:00	61.1	64.4	55.1
30-Nov-08	14:03:00	62.0	64.7	52.2
30-Nov-08	14:08:00	61.2	64.4	52.5
30-Nov-08	14:13:00	60.3	63.6	49.9
30-Nov-08	14:18:00	61.7	64.7	53.4
30-Nov-08	14:23:00	64.1	64.5	52.9
30-Nov-08	14:28:00	61.8	64.0	52.8
30-Nov-08	14:33:00	60.0	63.4	50.9
30-Nov-08	14:38:00	60.9	64.7	50.7
30-Nov-08	14:43:00	61.9	64.9	54.0
30-Nov-08	14:48:00	62.7	65.7	52.1
30-Nov-08	14:53:00	61.4	65.1	52.2
30-Nov-08	14:58:00	61.2	64.7	52.1

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
30-Nov-08	15:03:00	62.1	65.5	53.9
30-Nov-08	15:08:00	61.7	64.6	53.2
30-Nov-08	15:13:00	61.0	64.9	48.6
30-Nov-08	15:18:00	62.2	66.0	53.7
30-Nov-08	15:23:00	61.4	64.5	55.1
30-Nov-08	15:28:00	61.4	65.3	52.2
30-Nov-08	15:33:00	61.8	64.7	55.5
30-Nov-08	15:38:00	61.4	65.6	50.0
30-Nov-08	15:43:00	61.3	64.9	53.5
30-Nov-08	15:48:00	61.5	64.9	54.1
30-Nov-08	15:53:00	63.6	66.6	52.9
30-Nov-08	15:58:00	61.5	64.5	52.7
30-Nov-08	16:03:00	61.2	64.0	53.9
30-Nov-08	16:08:00	61.4	64.7	51.2
30-Nov-08	16:13:00	61.2	64.6	50.3
30-Nov-08	16:18:00	64.6	65.2	53.3
30-Nov-08	16:23:00	61.9	65.2	52.4
30-Nov-08	16:28:00	61.9	65.6	51.2
30-Nov-08	16:33:00	61.8	64.7	55.2
30-Nov-08	16:38:00	61.9	64.9	53.2
30-Nov-08	16:43:00	62.8	66.0	54.1
30-Nov-08	16:48:00	60.2	63.7	52.2
30-Nov-08	16:53:00	60.6	64.2	53.1
30-Nov-08	16:58:00	60.6	63.9	52.3
30-Nov-08	17:03:00	61.9	65.4	54.9
30-Nov-08	17:08:00	60.9	64.6	52.4
30-Nov-08	17:13:00	61.9	65.7	53.3
30-Nov-08	17:18:00	66.4	65.1	54.3
30-Nov-08	17:23:00	61.6	65.0	56.1
30-Nov-08	17:28:00	60.2	63.8	52.2
30-Nov-08	17:33:00	61.7	65.4	52.1
30-Nov-08	17:38:00	61.7	65.3	53.0
30-Nov-08	17:43:00	60.1	63.5	51.1
30-Nov-08	17:48:00	64.2	67.4	57.8
30-Nov-08	17:53:00	63.0	66.3	55.9
30-Nov-08	17:58:00	62.7	65.5	55.7
30-Nov-08	18:03:00	61.8	64.8	51.5
30-Nov-08	18:08:00	62.8	65.4	56.1
30-Nov-08	18:13:00	60.4	63.6	52.8
30-Nov-08	18:18:00	62.1	65.6	53.9
30-Nov-08	18:23:00	61.6	65.1	53.6
30-Nov-08	18:28:00	62.6	66.2	52.3
30-Nov-08	18:33:00	61.9	65.6	53.3
30-Nov-08	18:38:00	60.8	64.2	51.2
30-Nov-08	18:43:00	62.6	65.8	55.2
30-Nov-08	18:48:00	62.2	65.9	51.3
30-Nov-08	18:53:00	61.2	64.7	51.1
30-Nov-08	18:58:00	62.0	65.2	52.9



**Appendix B2&B3**

**Evening Time and Holiday Noise Level at Man Yuen Garden (NC4)**

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
30-Nov-08	19:03:00	62.8	65.6	51.0
30-Nov-08	19:08:00	62.8	66.5	53.8
30-Nov-08	19:13:00	63.6	66.3	54.3
30-Nov-08	19:18:00	62.4	65.7	52.7
30-Nov-08	19:23:00	61.5	64.8	51.6
30-Nov-08	19:28:00	62.4	65.6	52.5
30-Nov-08	19:33:00	62.2	65.5	52.0
30-Nov-08	19:38:00	62.2	65.4	54.0
30-Nov-08	19:43:00	62.0	65.3	50.7
30-Nov-08	19:48:00	61.1	63.6	52.4
30-Nov-08	19:53:00	61.9	65.0	51.7
30-Nov-08	19:58:00	60.3	63.8	51.9
30-Nov-08	20:03:00	58.9	62.6	49.7
30-Nov-08	20:08:00	60.4	63.6	50.8
30-Nov-08	20:13:00	61.5	64.7	54.0
30-Nov-08	20:18:00	60.4	64.2	49.7
30-Nov-08	20:23:00	60.1	64.1	49.4
30-Nov-08	20:28:00	60.1	63.7	49.2
30-Nov-08	20:33:00	59.9	63.9	49.8
30-Nov-08	20:38:00	58.2	61.9	48.5
30-Nov-08	20:43:00	60.3	64.4	49.4
30-Nov-08	20:48:00	60.6	64.2	49.8
30-Nov-08	20:53:00	61.7	64.8	54.7
30-Nov-08	20:58:00	60.4	64.8	49.5
30-Nov-08	21:03:00	60.7	65.0	49.2
30-Nov-08	21:08:00	61.7	64.8	50.2
30-Nov-08	21:13:00	60.5	64.1	49.0
30-Nov-08	21:18:00	61.6	65.2	50.5
30-Nov-08	21:23:00	62.2	65.4	50.2
30-Nov-08	21:28:00	60.7	63.8	51.6
30-Nov-08	21:33:00	61.4	64.9	53.9
30-Nov-08	21:38:00	59.4	63.1	50.3
30-Nov-08	21:43:00	61.9	64.9	51.7
30-Nov-08	21:48:00	59.0	63.1	48.4
30-Nov-08	21:53:00	68.3	66.2	49.7
30-Nov-08	21:58:00	61.9	64.6	52.9
30-Nov-08	22:03:00	59.8	64.0	49.0
30-Nov-08	22:08:00	61.2	63.7	51.5
30-Nov-08	22:13:00	61.2	64.4	49.9
30-Nov-08	22:18:00	60.4	64.5	49.8
30-Nov-08	22:23:00	58.1	62.1	48.5
30-Nov-08	22:28:00	59.3	63.3	48.5
30-Nov-08	22:33:00	60.2	64.3	49.0
30-Nov-08	22:38:00	57.4	62.3	46.5
30-Nov-08	22:43:00	58.3	62.6	47.6
30-Nov-08	22:48:00	57.1	61.5	47.4
30-Nov-08	22:53:00	59.6	63.3	48.4
30-Nov-08	22:58:00	58.3	63.3	47.4
	Mean	61.5	64.7	52.3
	Maximum	68.3	68.2	57.8
	Minimum	55.5	60.2	46.3

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
1-Dec-08	19:03:00	59.9	63.2	54.0
1-Dec-08	19:08:00	61.8	64.7	54.8
1-Dec-08	19:13:00	63.2	66.2	55.8
1-Dec-08	19:18:00	62.4	64.9	55.4
1-Dec-08	19:23:00	63.0	65.9	56.1
1-Dec-08	19:28:00	63.5	67.1	56.0
1-Dec-08	19:33:00	62.6	65.9	53.4
1-Dec-08	19:38:00	63.9	67.1	55.4
1-Dec-08	19:43:00	62.5	65.2	56.3
1-Dec-08	19:48:00	61.6	64.3	54.5
1-Dec-08	19:53:00	60.7	64.6	50.6
1-Dec-08	19:58:00	62.5	66.3	50.8
1-Dec-08	20:03:00	61.3	65.8	51.3
1-Dec-08	20:08:00	62.9	66.5	53.9
1-Dec-08	20:13:00	61.6	64.8	52.3
1-Dec-08	20:18:00	63.0	66.6	52.3
1-Dec-08	20:23:00	61.4	64.6	53.6
1-Dec-08	20:28:00	61.4	65.6	49.7
1-Dec-08	20:33:00	60.5	64.4	49.7
1-Dec-08	20:38:00	58.8	62.1	49.7
1-Dec-08	20:43:00	60.8	64.0	53.5
1-Dec-08	20:48:00	59.5	63.6	47.6
1-Dec-08	20:53:00	57.9	62.7	47.8
1-Dec-08	20:58:00	60.4	64.8	49.7
1-Dec-08	21:03:00	59.8	63.7	49.6
1-Dec-08	21:08:00	61.8	65.2	49.6
1-Dec-08	21:13:00	62.1	64.2	49.5
1-Dec-08	21:18:00	60.5	64.2	49.6
1-Dec-08	21:23:00	62.5	66.2	50.3
1-Dec-08	21:28:00	58.7	63.1	48.3
1-Dec-08	21:33:00	59.3	63.2	49.0
1-Dec-08	21:38:00	59.8	63.6	49.3
1-Dec-08	21:43:00	58.9	63.2	49.1
1-Dec-08	21:48:00	59.8	63.7	49.2
1-Dec-08	21:53:00	59.6	64.0	48.9
1-Dec-08	21:58:00	61.5	63.5	51.1
1-Dec-08	22:03:00	58.1	62.6	48.7
1-Dec-08	22:08:00	60.0	64.4	48.7
1-Dec-08	22:13:00	60.5	64.3	50.5
1-Dec-08	22:18:00	62.4	64.7	49.8
1-Dec-08	22:23:00	65.8	68.8	50.5
1-Dec-08	22:28:00	65.7	67.4	48.3
1-Dec-08	22:33:00	61.6	64.3	47.6
1-Dec-08	22:38:00	64.5	62.0	47.4
1-Dec-08	22:43:00	59.3	63.4	48.3
1-Dec-08	22:48:00	57.4	61.7	47.2
1-Dec-08	22:53:00	58.3	63.0	46.9
1-Dec-08	22:58:00	57.9	62.4	46.8
	Mean	61.6	64.8	51.8
	Maximum	65.8	68.8	56.3
	Minimum	57.4	61.7	46.8

**Appendix B2&B3**

**Evening Time and Holiday Noise Level at Man Yuen Garden (NC4)**

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
2-Dec-08	19:03:00	62.2	65.1	54.3
2-Dec-08	19:08:00	61.8	65.3	51.8
2-Dec-08	19:13:00	62.1	64.9	55.7
2-Dec-08	19:18:00	62.7	65.2	58.1
2-Dec-08	19:23:00	62.4	65.1	56.7
2-Dec-08	19:28:00	62.5	65.2	52.6
2-Dec-08	19:33:00	62.3	65.3	55.2
2-Dec-08	19:38:00	62.0	65.2	55.3
2-Dec-08	19:43:00	61.4	64.6	53.5
2-Dec-08	19:48:00	61.4	64.4	53.1
2-Dec-08	19:53:00	61.5	64.6	53.4
2-Dec-08	19:58:00	61.3	64.8	53.4
2-Dec-08	20:03:00	61.6	65.2	51.0
2-Dec-08	20:08:00	59.9	63.7	50.7
2-Dec-08	20:13:00	60.8	64.2	51.6
2-Dec-08	20:18:00	61.4	65.0	49.6
2-Dec-08	20:23:00	60.3	63.8	50.8
2-Dec-08	20:28:00	60.6	63.9	49.9
2-Dec-08	20:33:00	61.7	65.1	51.7
2-Dec-08	20:38:00	59.7	63.7	49.8
2-Dec-08	20:43:00	61.8	65.1	52.1
2-Dec-08	20:48:00	61.6	64.9	53.1
2-Dec-08	20:53:00	61.1	64.8	50.1
2-Dec-08	20:58:00	62.2	66.6	50.8
2-Dec-08	21:03:00	60.2	63.8	53.1
2-Dec-08	21:08:00	59.6	63.5	50.1
2-Dec-08	21:13:00	58.1	61.9	50.1
2-Dec-08	21:18:00	60.3	63.7	51.4
2-Dec-08	21:23:00	59.8	63.2	49.7
2-Dec-08	21:28:00	59.6	63.7	50.8
2-Dec-08	21:33:00	62.0	64.9	51.0
2-Dec-08	21:38:00	59.6	63.9	50.8
2-Dec-08	21:43:00	61.9	66.3	50.2
2-Dec-08	21:48:00	59.2	62.6	49.7
2-Dec-08	21:53:00	58.3	62.5	49.5
2-Dec-08	21:58:00	59.1	63.5	49.7
2-Dec-08	22:03:00	57.6	62.1	48.9
2-Dec-08	22:08:00	59.9	63.4	50.5
2-Dec-08	22:13:00	60.2	63.5	50.6
2-Dec-08	22:18:00	60.0	64.0	51.8
2-Dec-08	22:23:00	59.1	63.0	49.3
2-Dec-08	22:28:00	58.3	62.5	48.6
2-Dec-08	22:33:00	58.5	62.1	49.7
2-Dec-08	22:38:00	60.4	64.6	48.7
2-Dec-08	22:43:00	59.4	63.4	48.6
2-Dec-08	22:48:00	57.7	61.4	49.2
2-Dec-08	22:53:00	57.9	61.9	49.5
2-Dec-08	22:58:00	57.5	61.9	48.4

Mean 60.7 64.2 52.0  
 Maximum 62.7 66.6 58.1  
 Minimum 57.5 61.4 48.4

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
3-Dec-08	19:03:00	63.5	66.2	57.2
3-Dec-08	19:08:00	62.7	65.9	54.5
3-Dec-08	19:13:00	62.2	65.1	54.8
3-Dec-08	19:18:00	63.4	66.5	56.6
3-Dec-08	19:23:00	62.1	64.9	55.9
3-Dec-08	19:28:00	62.7	66.2	52.4
3-Dec-08	19:33:00	69.6	66.4	54.8
3-Dec-08	19:38:00	64.1	67.1	57.0
3-Dec-08	19:43:00	63.6	66.7	54.9
3-Dec-08	19:48:00	63.2	65.4	54.6
3-Dec-08	19:53:00	61.2	64.2	52.9
3-Dec-08	19:58:00	62.8	66.0	52.0
3-Dec-08	20:03:00	62.0	65.2	51.4
3-Dec-08	20:08:00	62.8	66.4	53.1
3-Dec-08	20:13:00	63.2	66.2	55.4
3-Dec-08	20:18:00	61.4	64.7	51.5
3-Dec-08	20:23:00	62.6	65.8	55.3
3-Dec-08	20:28:00	62.4	66.3	50.5
3-Dec-08	20:33:00	62.6	66.6	51.8
3-Dec-08	20:38:00	60.8	64.6	49.9
3-Dec-08	20:43:00	60.6	64.3	49.7
3-Dec-08	20:48:00	59.6	63.2	50.9
3-Dec-08	20:53:00	60.2	64.3	49.1
3-Dec-08	20:58:00	58.7	62.9	48.0
3-Dec-08	21:03:00	59.5	63.0	49.1
3-Dec-08	21:08:00	58.7	62.8	50.3
3-Dec-08	21:13:00	61.4	64.8	50.3
3-Dec-08	21:18:00	59.8	63.0	50.3
3-Dec-08	21:23:00	59.9	63.9	50.5
3-Dec-08	21:28:00	58.7	62.2	50.1
3-Dec-08	21:33:00	60.3	63.6	49.8
3-Dec-08	21:38:00	61.8	63.6	51.5
3-Dec-08	21:43:00	60.1	64.1	51.0
3-Dec-08	21:48:00	59.6	63.0	50.8
3-Dec-08	21:53:00	59.0	62.8	50.5
3-Dec-08	21:58:00	60.7	64.7	50.4
3-Dec-08	22:03:00	60.1	64.0	49.8
3-Dec-08	22:08:00	61.5	65.7	48.6
3-Dec-08	22:13:00	74.8	80.7	55.1
3-Dec-08	22:18:00	76.1	82.0	49.6
3-Dec-08	22:23:00	62.7	65.2	49.2
3-Dec-08	22:28:00	59.5	63.6	47.6
3-Dec-08	22:33:00	59.6	63.2	49.5
3-Dec-08	22:38:00	58.8	63.0	48.4
3-Dec-08	22:43:00	57.2	61.4	47.8
3-Dec-08	22:48:00	59.1	62.8	49.3
3-Dec-08	22:53:00	58.7	63.1	47.8
3-Dec-08	22:58:00	60.8	64.5	47.2

Mean 64.7 69.4 52.3  
 Maximum 76.1 82.0 57.2  
 Minimum 57.2 61.4 47.2

**Appendix B2&B3**

**Evening Time and Holiday Noise Level at Man Yuen Garden (NC4)**

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
4-Dec-08	19:03:00	62.3	65.8	54.4
4-Dec-08	19:08:00	61.8	64.8	55.6
4-Dec-08	19:13:00	65.0	66.2	54.9
4-Dec-08	19:18:00	62.2	64.9	54.5
4-Dec-08	19:23:00	62.1	65.3	53.1
4-Dec-08	19:28:00	62.3	64.2	57.8
4-Dec-08	19:33:00	63.5	66.4	54.1
4-Dec-08	19:38:00	63.4	65.9	55.1
4-Dec-08	19:43:00	63.4	66.3	57.3
4-Dec-08	19:48:00	61.9	64.7	55.9
4-Dec-08	19:53:00	61.5	65.0	52.3
4-Dec-08	19:58:00	62.8	66.1	55.1
4-Dec-08	20:03:00	63.8	66.7	54.2
4-Dec-08	20:08:00	62.6	65.2	54.2
4-Dec-08	20:13:00	61.2	64.6	51.8
4-Dec-08	20:18:00	62.0	65.3	53.1
4-Dec-08	20:23:00	61.6	65.8	50.3
4-Dec-08	20:28:00	61.7	64.0	51.5
4-Dec-08	20:33:00	61.0	64.4	51.2
4-Dec-08	20:38:00	62.3	65.7	52.4
4-Dec-08	20:43:00	61.2	64.9	50.8
4-Dec-08	20:48:00	58.8	62.5	49.6
4-Dec-08	20:53:00	62.0	65.5	52.8
4-Dec-08	20:58:00	61.0	64.9	52.1
4-Dec-08	21:03:00	60.3	64.3	51.0
4-Dec-08	21:08:00	59.3	64.0	48.7
4-Dec-08	21:13:00	60.8	64.5	50.6
4-Dec-08	21:18:00	60.1	63.9	49.5
4-Dec-08	21:23:00	61.5	64.0	53.6
4-Dec-08	21:28:00	60.0	64.4	50.8
4-Dec-08	21:33:00	61.7	64.7	53.2
4-Dec-08	21:38:00	60.0	63.9	50.3
4-Dec-08	21:43:00	60.5	64.1	49.9
4-Dec-08	21:48:00	60.0	63.8	51.2
4-Dec-08	21:53:00	60.0	63.5	50.6
4-Dec-08	21:58:00	60.7	64.4	50.0
4-Dec-08	22:03:00	55.1	59.6	48.2
4-Dec-08	22:08:00	60.9	64.2	49.4
4-Dec-08	22:13:00	60.4	64.2	49.8
4-Dec-08	22:18:00	58.6	62.9	49.4
4-Dec-08	22:23:00	60.0	63.6	50.0
4-Dec-08	22:28:00	59.1	63.1	48.4
4-Dec-08	22:33:00	61.3	65.5	50.2
4-Dec-08	22:38:00	59.3	63.5	49.3
4-Dec-08	22:43:00	58.6	63.3	48.9
4-Dec-08	22:48:00	59.7	63.0	50.4
4-Dec-08	22:53:00	63.2	65.6	50.2
4-Dec-08	22:58:00	58.5	62.5	48.5

Mean 61.4 64.7 52.5  
 Maximum 65.0 66.7 57.8  
 Minimum 55.1 59.6 48.2

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
5-Dec-08	19:03:00	60.5	63.7	54.5
5-Dec-08	19:08:00	62.0	64.8	55.7
5-Dec-08	19:13:00	60.8	64.0	54.4
5-Dec-08	19:18:00	60.2	62.7	53.9
5-Dec-08	19:23:00	60.8	64.5	52.3
5-Dec-08	19:28:00	62.8	66.0	56.8
5-Dec-08	19:33:00	61.8	65.4	54.3
5-Dec-08	19:38:00	62.5	65.5	56.2
5-Dec-08	19:43:00	61.9	65.1	54.0
5-Dec-08	19:48:00	62.0	65.5	55.8
5-Dec-08	19:53:00	60.1	62.8	55.8
5-Dec-08	19:58:00	62.5	65.6	55.3
5-Dec-08	20:03:00	63.9	67.3	55.5
5-Dec-08	20:08:00	63.4	66.4	54.2
5-Dec-08	20:13:00	62.1	64.9	55.3
5-Dec-08	20:18:00	62.0	64.9	55.0
5-Dec-08	20:23:00	63.4	67.0	55.8
5-Dec-08	20:28:00	60.1	63.0	53.2
5-Dec-08	20:33:00	61.5	64.9	51.2
5-Dec-08	20:38:00	62.9	65.6	50.8
5-Dec-08	20:43:00	60.3	64.1	50.6
5-Dec-08	20:48:00	60.3	63.9	50.8
5-Dec-08	20:53:00	61.9	65.5	52.3
5-Dec-08	20:58:00	61.7	65.6	52.5
5-Dec-08	21:03:00	59.4	63.5	49.6
5-Dec-08	21:08:00	59.9	63.4	50.9
5-Dec-08	21:13:00	59.3	62.9	50.5
5-Dec-08	21:18:00	68.7	66.1	50.0
5-Dec-08	21:23:00	60.9	63.9	51.7
5-Dec-08	21:28:00	60.5	64.3	51.3
5-Dec-08	21:33:00	61.0	64.8	49.1
5-Dec-08	21:38:00	59.8	63.8	48.7
5-Dec-08	21:43:00	64.7	66.8	51.5
5-Dec-08	21:48:00	64.1	64.9	53.1
5-Dec-08	21:53:00	63.5	66.6	49.0
5-Dec-08	21:58:00	61.8	65.4	50.9
5-Dec-08	22:03:00	60.1	63.4	50.1
5-Dec-08	22:08:00	60.3	64.4	48.5
5-Dec-08	22:13:00	60.2	63.9	49.1
5-Dec-08	22:18:00	59.4	63.2	49.7
5-Dec-08	22:23:00	60.7	64.4	50.2
5-Dec-08	22:28:00	60.1	63.9	48.2
5-Dec-08	22:33:00	59.9	63.7	48.2
5-Dec-08	22:38:00	59.0	63.4	48.4
5-Dec-08	22:43:00	59.2	63.2	47.6
5-Dec-08	22:48:00	59.9	63.9	48.9
5-Dec-08	22:53:00	61.2	65.0	50.1
5-Dec-08	22:58:00	59.7	63.5	49.1

Mean 61.8 64.8 52.7  
 Maximum 68.7 67.3 56.8  
 Minimum 59.0 62.7 47.6

**Appendix B2&B3**

**Evening Time and Holiday Noise Level at Man Yuen Garden (NC4)**

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
6-Dec-08	19:03:00	61.6	64.6	52.6
6-Dec-08	19:08:00	62.9	66.3	53.2
6-Dec-08	19:13:00	62.3	65.5	55.2
6-Dec-08	19:18:00	62.6	65.6	56.3
6-Dec-08	19:23:00	62.7	65.3	54.6
6-Dec-08	19:28:00	62.4	64.8	54.9
6-Dec-08	19:33:00	62.3	65.6	52.9
6-Dec-08	19:38:00	62.9	66.0	54.6
6-Dec-08	19:43:00	61.6	64.6	53.9
6-Dec-08	19:48:00	61.8	65.4	53.2
6-Dec-08	19:53:00	62.0	65.3	53.5
6-Dec-08	19:58:00	60.6	64.2	52.0
6-Dec-08	20:03:00	61.7	65.2	52.0
6-Dec-08	20:08:00	61.7	65.6	52.0
6-Dec-08	20:13:00	61.6	65.5	52.3
6-Dec-08	20:18:00	61.2	64.9	51.6
6-Dec-08	20:23:00	60.4	63.9	50.6
6-Dec-08	20:28:00	61.7	64.7	50.7
6-Dec-08	20:33:00	60.5	64.1	50.0
6-Dec-08	20:38:00	60.3	64.0	50.6
6-Dec-08	20:43:00	59.9	64.0	48.6
6-Dec-08	20:48:00	61.0	64.7	51.2
6-Dec-08	20:53:00	61.8	65.9	50.5
6-Dec-08	20:58:00	59.4	62.9	49.9
6-Dec-08	21:03:00	59.2	63.4	48.2
6-Dec-08	21:08:00	59.1	63.0	49.4
6-Dec-08	21:13:00	59.0	63.0	48.8
6-Dec-08	21:18:00	60.9	64.8	49.4
6-Dec-08	21:23:00	58.2	62.5	48.3
6-Dec-08	21:28:00	58.3	62.8	47.7
6-Dec-08	21:33:00	60.2	64.0	50.1
6-Dec-08	21:38:00	60.5	65.1	48.0
6-Dec-08	21:43:00	60.8	64.9	51.1
6-Dec-08	21:48:00	60.3	64.1	50.0
6-Dec-08	21:53:00	59.1	63.2	46.9
6-Dec-08	21:58:00	59.4	62.9	48.7
6-Dec-08	22:03:00	59.0	62.5	49.4
6-Dec-08	22:08:00	59.5	63.2	48.2
6-Dec-08	22:13:00	59.1	63.2	47.4
6-Dec-08	22:18:00	60.8	64.8	48.8
6-Dec-08	22:23:00	59.4	63.4	49.2
6-Dec-08	22:28:00	59.3	63.0	47.4
6-Dec-08	22:33:00	60.3	64.0	49.8
6-Dec-08	22:38:00	58.8	63.3	48.5
6-Dec-08	22:43:00	59.1	63.0	48.3
6-Dec-08	22:48:00	59.7	63.0	48.6
6-Dec-08	22:53:00	60.0	63.6	48.8
6-Dec-08	22:58:00	59.7	63.7	49.2

Mean 60.7 64.4 51.3  
 Maximum 62.9 66.3 56.3  
 Minimum 58.2 62.5 46.9

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
7-Dec-08	07:03:00	55.8	60.3	46.4
7-Dec-08	07:08:00	56.9	60.9	47.2
7-Dec-08	07:13:00	55.9	59.9	47.3
7-Dec-08	07:18:00	56.9	61.8	47.5
7-Dec-08	07:23:00	58.2	63.0	48.4
7-Dec-08	07:28:00	59.9	64.2	48.7
7-Dec-08	07:33:00	58.7	62.5	47.6
7-Dec-08	07:38:00	58.5	62.9	48.4
7-Dec-08	07:43:00	59.4	64.2	47.9
7-Dec-08	07:48:00	58.8	62.3	48.5
7-Dec-08	07:53:00	59.4	63.2	49.0
7-Dec-08	07:58:00	58.2	61.6	48.3
7-Dec-08	08:03:00	58.6	62.8	49.2
7-Dec-08	08:08:00	58.7	63.2	49.4
7-Dec-08	08:13:00	60.2	64.0	50.5
7-Dec-08	08:18:00	62.0	65.4	53.1
7-Dec-08	08:23:00	59.1	63.5	49.6
7-Dec-08	08:28:00	58.8	63.3	48.4
7-Dec-08	08:33:00	61.8	66.2	49.7
7-Dec-08	08:38:00	63.5	67.8	49.1
7-Dec-08	08:43:00	61.2	65.2	51.9
7-Dec-08	08:48:00	61.3	64.5	51.2
7-Dec-08	08:53:00	59.8	64.2	50.2
7-Dec-08	08:58:00	61.3	65.0	50.0
7-Dec-08	09:03:00	60.8	64.8	48.9
7-Dec-08	09:08:00	63.1	65.7	51.5
7-Dec-08	09:13:00	62.2	66.4	50.4
7-Dec-08	09:18:00	61.9	63.8	49.9
7-Dec-08	09:23:00	62.0	65.5	52.1
7-Dec-08	09:28:00	60.8	64.4	48.7
7-Dec-08	09:33:00	61.5	65.0	52.1
7-Dec-08	09:38:00	61.9	65.2	49.8
7-Dec-08	09:43:00	61.8	65.3	53.2
7-Dec-08	09:48:00	63.6	66.9	53.4
7-Dec-08	09:53:00	62.8	66.1	53.0
7-Dec-08	09:58:00	63.1	66.2	53.0
7-Dec-08	10:03:00	62.1	65.6	54.6
7-Dec-08	10:08:00	62.5	66.1	53.8
7-Dec-08	10:13:00	61.8	65.0	51.7
7-Dec-08	10:18:00	62.4	65.8	51.8
7-Dec-08	10:23:00	62.1	65.6	54.2
7-Dec-08	10:28:00	61.7	64.2	55.4
7-Dec-08	10:33:00	61.7	64.7	51.9
7-Dec-08	10:38:00	60.8	63.7	54.8
7-Dec-08	10:43:00	61.2	64.8	54.1
7-Dec-08	10:48:00	62.4	65.6	52.8
7-Dec-08	10:53:00	61.6	65.2	53.4
7-Dec-08	10:58:00	61.6	64.5	53.5

**Appendix B2&B3**

**Evening Time and Holiday Noise Level at Man Yuen Garden (NC4)**

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
7-Dec-08	11:03:00	65.0	67.8	59.6
7-Dec-08	11:08:00	62.1	64.9	54.6
7-Dec-08	11:13:00	62.0	64.3	53.3
7-Dec-08	11:18:00	62.9	65.8	55.8
7-Dec-08	11:23:00	62.6	66.0	54.3
7-Dec-08	11:28:00	62.3	65.4	56.0
7-Dec-08	11:33:00	63.9	67.0	56.9
7-Dec-08	11:38:00	63.0	65.8	55.8
7-Dec-08	11:43:00	63.8	64.8	54.8
7-Dec-08	11:48:00	61.9	64.5	57.1
7-Dec-08	11:53:00	61.7	64.9	54.5
7-Dec-08	11:58:00	61.9	65.3	52.9
7-Dec-08	12:03:00	61.3	64.7	51.8
7-Dec-08	12:08:00	64.2	66.7	52.5
7-Dec-08	12:13:00	61.9	64.9	53.6
7-Dec-08	12:18:00	63.2	66.2	53.4
7-Dec-08	12:23:00	63.7	66.4	56.1
7-Dec-08	12:28:00	64.1	65.9	54.5
7-Dec-08	12:33:00	62.2	65.4	52.2
7-Dec-08	12:38:00	64.2	67.4	53.8
7-Dec-08	12:43:00	62.7	65.5	53.3
7-Dec-08	12:48:00	60.7	64.1	52.1
7-Dec-08	12:53:00	61.0	64.7	51.4
7-Dec-08	12:58:00	61.9	64.8	54.7
7-Dec-08	13:03:00	61.6	64.8	52.9
7-Dec-08	13:08:00	60.9	64.6	52.1
7-Dec-08	13:13:00	62.8	66.5	54.0
7-Dec-08	13:18:00	60.7	64.2	52.2
7-Dec-08	13:23:00	63.6	66.4	54.4
7-Dec-08	13:28:00	61.9	65.5	51.9
7-Dec-08	13:33:00	61.2	64.5	55.2
7-Dec-08	13:38:00	61.4	63.9	54.4
7-Dec-08	13:43:00	60.5	63.8	51.2
7-Dec-08	13:48:00	61.9	65.7	52.8
7-Dec-08	13:53:00	60.8	64.3	53.7
7-Dec-08	13:58:00	62.3	65.7	54.4
7-Dec-08	14:03:00	61.3	64.5	53.6
7-Dec-08	14:08:00	62.3	65.5	55.1
7-Dec-08	14:13:00	60.6	64.3	51.0
7-Dec-08	14:18:00	63.2	66.4	55.4
7-Dec-08	14:23:00	61.6	64.9	54.2
7-Dec-08	14:28:00	60.6	64.3	51.8
7-Dec-08	14:33:00	60.5	64.4	51.7
7-Dec-08	14:38:00	62.2	65.3	55.8
7-Dec-08	14:43:00	61.5	64.9	54.9
7-Dec-08	14:48:00	61.4	64.7	51.1
7-Dec-08	14:53:00	62.2	65.2	55.2
7-Dec-08	14:58:00	61.6	64.5	53.8

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
7-Dec-08	15:03:00	61.5	64.7	52.5
7-Dec-08	15:08:00	63.5	66.3	57.9
7-Dec-08	15:13:00	61.4	64.2	55.5
7-Dec-08	15:18:00	63.0	66.0	57.2
7-Dec-08	15:23:00	62.5	66.5	53.4
7-Dec-08	15:28:00	62.6	65.8	54.0
7-Dec-08	15:33:00	61.6	64.8	53.8
7-Dec-08	15:38:00	61.7	64.8	55.6
7-Dec-08	15:43:00	63.0	66.0	55.3
7-Dec-08	15:48:00	63.0	66.5	54.1
7-Dec-08	15:53:00	61.6	65.0	54.3
7-Dec-08	15:58:00	61.0	64.4	52.2
7-Dec-08	16:03:00	61.3	64.7	53.4
7-Dec-08	16:08:00	61.9	65.2	52.6
7-Dec-08	16:13:00	63.4	64.8	52.5
7-Dec-08	16:18:00	62.3	65.7	54.0
7-Dec-08	16:23:00	60.8	64.3	52.1
7-Dec-08	16:28:00	61.8	65.0	53.7
7-Dec-08	16:33:00	62.7	66.5	52.5
7-Dec-08	16:38:00	62.2	65.2	53.8
7-Dec-08	16:43:00	60.6	64.0	50.3
7-Dec-08	16:48:00	62.7	65.9	54.2
7-Dec-08	16:53:00	62.0	65.7	52.5
7-Dec-08	16:58:00	61.1	64.2	53.0
7-Dec-08	17:03:00	62.1	65.1	54.8
7-Dec-08	17:08:00	62.7	66.3	51.3
7-Dec-08	17:13:00	62.5	65.7	53.5
7-Dec-08	17:18:00	62.0	65.3	53.1
7-Dec-08	17:23:00	61.6	64.8	52.2
7-Dec-08	17:28:00	61.1	64.2	51.8
7-Dec-08	17:33:00	63.1	66.4	53.3
7-Dec-08	17:38:00	61.6	65.8	50.9
7-Dec-08	17:43:00	61.3	64.6	53.1
7-Dec-08	17:48:00	61.5	64.5	53.5
7-Dec-08	17:53:00	62.2	65.2	54.5
7-Dec-08	17:58:00	62.5	65.3	56.5
7-Dec-08	18:03:00	61.9	65.6	52.6
7-Dec-08	18:08:00	62.8	65.7	54.0
7-Dec-08	18:13:00	62.3	65.0	52.7
7-Dec-08	18:18:00	60.2	63.6	50.9
7-Dec-08	18:23:00	60.9	64.2	54.3
7-Dec-08	18:28:00	62.0	64.7	49.0
7-Dec-08	18:33:00	63.0	66.3	54.6
7-Dec-08	18:38:00	62.4	64.7	52.2
7-Dec-08	18:43:00	60.7	64.4	52.2
7-Dec-08	18:48:00	61.9	65.3	51.0
7-Dec-08	18:53:00	62.4	65.5	55.8
7-Dec-08	18:58:00	61.5	65.3	49.9

**Appendix B2&B3**

**Evening Time and Holiday Noise Level at Man Yuen Garden (NC4)**

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
7-Dec-08	19:03:00	60.1	64.0	49.7
7-Dec-08	19:08:00	61.2	64.8	50.4
7-Dec-08	19:13:00	61.2	65.1	50.1
7-Dec-08	19:18:00	62.1	64.7	53.9
7-Dec-08	19:23:00	62.7	66.0	54.2
7-Dec-08	19:28:00	62.5	66.3	50.3
7-Dec-08	19:33:00	63.6	67.0	54.3
7-Dec-08	19:38:00	61.5	64.7	52.9
7-Dec-08	19:43:00	62.3	65.4	52.9
7-Dec-08	19:48:00	62.2	65.8	50.7
7-Dec-08	19:53:00	60.5	64.0	50.2
7-Dec-08	19:58:00	61.2	64.9	50.4
7-Dec-08	20:03:00	60.9	64.7	50.7
7-Dec-08	20:08:00	59.4	62.9	48.9
7-Dec-08	20:13:00	59.5	63.0	50.8
7-Dec-08	20:18:00	60.8	64.2	51.8
7-Dec-08	20:23:00	59.5	63.3	49.4
7-Dec-08	20:28:00	60.5	63.4	49.8
7-Dec-08	20:33:00	60.3	64.8	49.8
7-Dec-08	20:38:00	60.0	63.5	49.1
7-Dec-08	20:43:00	59.8	63.6	50.1
7-Dec-08	20:48:00	60.9	65.3	50.7
7-Dec-08	20:53:00	62.5	63.9	50.5
7-Dec-08	20:58:00	60.0	64.0	50.4
7-Dec-08	21:03:00	59.0	62.9	48.2
7-Dec-08	21:08:00	59.2	63.2	49.5
7-Dec-08	21:13:00	60.4	64.3	49.5
7-Dec-08	21:18:00	60.5	64.0	49.4
7-Dec-08	21:23:00	61.2	64.5	51.1
7-Dec-08	21:28:00	59.2	63.3	48.7
7-Dec-08	21:33:00	61.0	64.7	49.5
7-Dec-08	21:38:00	59.0	63.0	49.2
7-Dec-08	21:43:00	60.1	63.5	49.3
7-Dec-08	21:48:00	59.3	62.8	50.4
7-Dec-08	21:53:00	59.5	63.5	50.1
7-Dec-08	21:58:00	60.1	63.7	49.0
7-Dec-08	22:03:00	59.8	63.1	50.7
7-Dec-08	22:08:00	58.7	62.9	48.2
7-Dec-08	22:13:00	60.8	65.2	50.7
7-Dec-08	22:18:00	59.0	63.2	48.1
7-Dec-08	22:23:00	63.0	65.8	50.6
7-Dec-08	22:28:00	58.1	62.2	48.3
7-Dec-08	22:33:00	59.3	63.5	48.4
7-Dec-08	22:38:00	57.2	61.0	47.6
7-Dec-08	22:43:00	60.0	63.4	49.8
7-Dec-08	22:48:00	57.6	61.6	47.4
7-Dec-08	22:53:00	59.0	63.0	48.5
7-Dec-08	22:58:00	58.9	62.7	46.6
Mean		61.5	64.9	52.7
Maximum		65.0	67.8	59.6
Minimum		55.8	59.9	46.4

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
8-Dec-08	19:03:00	62.2	65.2	52.9
8-Dec-08	19:08:00	60.8	64.3	52.3
8-Dec-08	19:13:00	62.7	65.2	58.0
8-Dec-08	19:18:00	62.4	64.9	56.6
8-Dec-08	19:23:00	60.4	63.0	54.8
8-Dec-08	19:28:00	62.2	65.2	50.9
8-Dec-08	19:33:00	62.9	65.7	52.6
8-Dec-08	19:38:00	59.2	62.9	49.4
8-Dec-08	19:43:00	61.8	64.7	54.0
8-Dec-08	19:48:00	62.2	65.8	51.5
8-Dec-08	19:53:00	61.6	64.6	53.9
8-Dec-08	19:58:00	61.8	65.2	53.3
8-Dec-08	20:03:00	61.9	65.4	53.4
8-Dec-08	20:08:00	62.3	66.3	51.3
8-Dec-08	20:13:00	60.7	64.4	51.7
8-Dec-08	20:18:00	61.9	64.3	52.5
8-Dec-08	20:23:00	61.2	64.4	50.9
8-Dec-08	20:28:00	60.3	63.8	51.6
8-Dec-08	20:33:00	61.0	64.3	50.9
8-Dec-08	20:38:00	60.3	63.3	49.8
8-Dec-08	20:43:00	58.7	62.4	49.2
8-Dec-08	20:48:00	61.3	64.7	51.0
8-Dec-08	20:53:00	60.9	64.2	52.7
8-Dec-08	20:58:00	59.7	63.5	51.3
8-Dec-08	21:03:00	59.0	62.6	49.7
8-Dec-08	21:08:00	60.8	63.3	50.1
8-Dec-08	21:13:00	62.1	63.9	50.0
8-Dec-08	21:18:00	60.4	63.8	51.9
8-Dec-08	21:23:00	60.7	64.6	50.2
8-Dec-08	21:28:00	59.1	62.4	48.8
8-Dec-08	21:33:00	60.2	63.8	50.9
8-Dec-08	21:38:00	58.2	62.5	49.3
8-Dec-08	21:43:00	60.7	63.8	50.5
8-Dec-08	21:48:00	60.5	63.9	50.1
8-Dec-08	21:53:00	60.6	64.3	50.0
8-Dec-08	21:58:00	59.8	63.8	47.3
8-Dec-08	22:03:00	58.5	62.9	47.8
8-Dec-08	22:08:00	58.4	62.7	48.9
8-Dec-08	22:13:00	58.7	62.6	49.7
8-Dec-08	22:18:00	58.7	62.7	48.4
8-Dec-08	22:23:00	60.6	63.3	47.9
8-Dec-08	22:28:00	58.0	61.9	47.5
8-Dec-08	22:33:00	56.9	61.8	47.7
8-Dec-08	22:38:00	57.6	61.1	49.7
8-Dec-08	22:43:00	59.3	63.4	47.8
8-Dec-08	22:48:00	56.9	61.5	46.8
8-Dec-08	22:53:00	58.3	62.8	47.3
8-Dec-08	22:58:00	58.8	61.7	46.8
Mean		60.5	63.9	51.4
Maximum		62.9	66.3	58.0
Minimum		56.9	61.1	46.8

Evening Time and Holiday Noise Level at Man Yuen Garden (NC4)			
	Leq	L10	L90
Mean	61.6	65.0	52.3
Max	76.1	82.0	59.6
Min	55.1	59.6	46.3

**Appendix B2&B3**

**Evening Time and Holiday Noise Level at Block D of Villa Monte Rosa (NC5)**

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
25-Nov-08	19:03:00	51.0	53.3	46.0
25-Nov-08	19:08:00	62.5	64.6	47.1
25-Nov-08	19:13:00	49.8	52.4	46.0
25-Nov-08	19:18:00	59.2	63.6	45.9
25-Nov-08	19:23:00	55.0	57.9	46.0
25-Nov-08	19:28:00	52.0	56.0	45.9
25-Nov-08	19:33:00	56.3	59.6	45.3
25-Nov-08	19:38:00	57.6	59.2	45.2
25-Nov-08	19:43:00	56.6	59.6	45.6
25-Nov-08	19:48:00	54.8	58.0	44.9
25-Nov-08	19:53:00	51.6	54.9	44.6
25-Nov-08	19:58:00	59.1	60.8	45.3
25-Nov-08	20:03:00	53.7	52.5	45.1
25-Nov-08	20:08:00	55.9	55.1	46.1
25-Nov-08	20:13:00	56.3	58.6	46.3
25-Nov-08	20:18:00	51.6	53.7	45.1
25-Nov-08	20:23:00	47.4	48.7	44.5
25-Nov-08	20:28:00	57.4	57.8	44.6
25-Nov-08	20:33:00	49.5	51.1	44.5
25-Nov-08	20:38:00	57.4	55.2	44.9
25-Nov-08	20:43:00	52.1	54.8	45.4
25-Nov-08	20:48:00	52.7	56.0	45.0
25-Nov-08	20:53:00	52.5	55.9	45.1
25-Nov-08	20:58:00	51.5	54.0	44.0
25-Nov-08	21:03:00	51.5	53.4	44.4
25-Nov-08	21:08:00	53.2	57.8	44.0
25-Nov-08	21:13:00	55.0	59.0	44.4
25-Nov-08	21:18:00	50.9	52.0	44.5
25-Nov-08	21:23:00	50.0	52.7	44.6
25-Nov-08	21:28:00	46.1	47.0	44.6
25-Nov-08	21:33:00	50.9	52.7	44.5
25-Nov-08	21:38:00	53.2	55.0	44.1
25-Nov-08	21:43:00	57.6	62.0	44.1
25-Nov-08	21:48:00	51.2	52.1	43.9
25-Nov-08	21:53:00	54.2	57.4	44.0
25-Nov-08	21:58:00	48.8	51.8	43.4
25-Nov-08	22:03:00	46.9	48.4	43.2
25-Nov-08	22:08:00	51.2	53.7	43.5
25-Nov-08	22:13:00	45.0	45.8	43.4
25-Nov-08	22:18:00	51.5	50.9	43.0
25-Nov-08	22:23:00	55.6	57.9	42.5
25-Nov-08	22:28:00	49.4	51.4	43.1
25-Nov-08	22:33:00	45.5	47.6	43.0
25-Nov-08	22:38:00	44.6	45.9	43.0
25-Nov-08	22:43:00	44.7	45.7	43.1
25-Nov-08	22:48:00	45.3	46.8	43.2
25-Nov-08	22:53:00	53.3	54.9	43.4
25-Nov-08	22:58:00	45.8	47.0	43.1
	Mean	54.2	56.6	44.6
	Maximum	62.5	64.6	47.1
	Minimum	44.6	45.7	42.5

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
26-Nov-08	19:03:00	52.0	53.8	46.3
26-Nov-08	19:08:00	53.8	53.2	46.0
26-Nov-08	19:13:00	50.3	52.0	45.5
26-Nov-08	19:18:00	49.4	51.8	45.6
26-Nov-08	19:23:00	55.9	59.8	44.7
26-Nov-08	19:28:00	53.0	55.8	44.2
26-Nov-08	19:33:00	51.3	49.0	44.3
26-Nov-08	19:38:00	50.3	51.9	45.2
26-Nov-08	19:43:00	58.4	62.6	46.2
26-Nov-08	19:48:00	51.1	54.6	45.8
26-Nov-08	19:53:00	50.4	52.3	45.4
26-Nov-08	19:58:00	53.9	57.3	45.5
26-Nov-08	20:03:00	58.1	61.3	45.2
26-Nov-08	20:08:00	56.4	59.7	45.0
26-Nov-08	20:13:00	52.0	52.1	45.2
26-Nov-08	20:18:00	51.2	51.7	45.1
26-Nov-08	20:23:00	47.1	48.7	43.7
26-Nov-08	20:28:00	50.7	54.1	44.2
26-Nov-08	20:33:00	50.3	52.8	44.4
26-Nov-08	20:38:00	56.1	60.1	44.9
26-Nov-08	20:43:00	51.0	52.0	44.3
26-Nov-08	20:48:00	50.1	52.2	44.3
26-Nov-08	20:53:00	51.5	55.1	44.9
26-Nov-08	20:58:00	52.2	52.7	45.0
26-Nov-08	21:03:00	49.5	51.5	44.8
26-Nov-08	21:08:00	49.1	50.9	44.4
26-Nov-08	21:13:00	52.1	53.4	45.2
26-Nov-08	21:18:00	48.7	49.7	44.7
26-Nov-08	21:23:00	51.2	52.1	43.9
26-Nov-08	21:28:00	48.4	50.2	44.4
26-Nov-08	21:33:00	52.4	48.5	44.2
26-Nov-08	21:38:00	54.8	58.2	44.7
26-Nov-08	21:43:00	55.3	59.3	44.6
26-Nov-08	21:48:00	55.9	59.3	44.8
26-Nov-08	21:53:00	47.0	48.7	44.0
26-Nov-08	21:58:00	47.7	49.4	44.0
26-Nov-08	22:03:00	51.5	53.6	44.0
26-Nov-08	22:08:00	49.5	51.6	44.4
26-Nov-08	22:13:00	51.1	54.8	44.2
26-Nov-08	22:18:00	54.6	58.2	45.0
26-Nov-08	22:23:00	52.0	53.7	44.3
26-Nov-08	22:28:00	46.0	46.8	44.4
26-Nov-08	22:33:00	45.3	46.4	44.2
26-Nov-08	22:38:00	45.6	46.6	44.2
26-Nov-08	22:43:00	46.1	46.9	44.3
26-Nov-08	22:48:00	51.8	48.1	44.2
26-Nov-08	22:53:00	45.8	46.9	44.2
26-Nov-08	22:58:00	55.1	57.0	44.1
	Mean	52.5	55.2	44.8
	Maximum	58.4	62.6	46.3
	Minimum	45.3	46.4	43.7

**Appendix B2&B3**

**Evening Time and Holiday Noise Level at Block D of Villa Monte Rosa (NC5)**

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
27-Nov-08	19:03:00	55.0	57.8	49.0
27-Nov-08	19:08:00	50.3	52.6	47.5
27-Nov-08	19:13:00	52.5	54.5	47.6
27-Nov-08	19:18:00	52.4	55.2	48.5
27-Nov-08	19:23:00	57.3	59.2	48.6
27-Nov-08	19:28:00	55.4	59.3	47.5
27-Nov-08	19:33:00	56.0	58.8	49.0
27-Nov-08	19:38:00	52.6	55.2	47.7
27-Nov-08	19:43:00	55.6	58.5	48.8
27-Nov-08	19:48:00	58.9	62.9	52.7
27-Nov-08	19:53:00	55.0	57.1	52.3
27-Nov-08	19:58:00	56.0	58.2	52.5
27-Nov-08	20:03:00	54.4	57.6	49.0
27-Nov-08	20:08:00	56.8	60.6	49.6
27-Nov-08	20:13:00	57.8	62.3	49.7
27-Nov-08	20:18:00	55.4	58.3	50.0
27-Nov-08	20:23:00	55.1	58.4	49.0
27-Nov-08	20:28:00	56.4	60.3	49.6
27-Nov-08	20:33:00	58.6	62.3	50.3
27-Nov-08	20:38:00	52.3	54.7	48.9
27-Nov-08	20:43:00	55.2	58.4	50.0
27-Nov-08	20:48:00	57.3	59.3	50.2
27-Nov-08	20:53:00	52.3	55.2	47.6
27-Nov-08	20:58:00	57.9	61.9	49.4
27-Nov-08	21:03:00	53.7	54.2	48.1
27-Nov-08	21:08:00	60.7	61.3	51.3
27-Nov-08	21:13:00	55.8	59.5	49.3
27-Nov-08	21:18:00	54.7	57.7	48.9
27-Nov-08	21:23:00	57.9	63.1	48.3
27-Nov-08	21:28:00	54.5	57.7	47.8
27-Nov-08	21:33:00	54.9	57.7	50.1
27-Nov-08	21:38:00	54.0	56.7	49.2
27-Nov-08	21:43:00	59.0	62.6	49.9
27-Nov-08	21:48:00	57.4	60.8	51.0
27-Nov-08	21:53:00	55.4	57.7	49.6
27-Nov-08	21:58:00	54.5	57.5	50.0
27-Nov-08	22:03:00	58.3	62.3	50.7
27-Nov-08	22:08:00	56.8	59.8	50.0
27-Nov-08	22:13:00	59.3	63.2	52.1
27-Nov-08	22:18:00	59.2	63.8	50.3
27-Nov-08	22:23:00	55.5	59.3	48.9
27-Nov-08	22:28:00	52.2	53.9	48.7
27-Nov-08	22:33:00	56.5	58.4	51.1
27-Nov-08	22:38:00	55.4	57.7	48.1
27-Nov-08	22:43:00	54.3	57.5	49.5
27-Nov-08	22:48:00	58.1	61.6	51.0
27-Nov-08	22:53:00	59.1	60.9	50.0
27-Nov-08	22:58:00	53.0	56.5	47.6

Mean 56.3 59.6 49.7  
 Maximum 60.7 63.8 52.7  
 Minimum 50.3 52.6 47.5

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
28-Nov-08	19:03:00	61.4	62.3	46.2
28-Nov-08	19:08:00	55.1	52.3	46.4
28-Nov-08	19:13:00	53.5	56.3	46.1
28-Nov-08	19:18:00	53.2	54.3	46.0
28-Nov-08	19:23:00	55.8	59.1	46.2
28-Nov-08	19:28:00	51.1	52.6	45.7
28-Nov-08	19:33:00	49.4	51.5	46.6
28-Nov-08	19:38:00	53.7	56.6	46.0
28-Nov-08	19:43:00	56.5	59.0	46.3
28-Nov-08	19:48:00	59.5	58.5	45.2
28-Nov-08	19:53:00	54.4	56.9	45.9
28-Nov-08	19:58:00	49.7	51.5	46.1
28-Nov-08	20:03:00	49.8	50.1	45.1
28-Nov-08	20:08:00	52.1	54.2	45.1
28-Nov-08	20:13:00	51.9	49.8	45.2
28-Nov-08	20:18:00	46.5	48.3	44.3
28-Nov-08	20:23:00	54.0	56.5	44.7
28-Nov-08	20:28:00	52.2	50.8	45.0
28-Nov-08	20:33:00	49.0	48.6	44.1
28-Nov-08	20:38:00	45.9	47.6	44.0
28-Nov-08	20:43:00	47.9	50.3	44.7
28-Nov-08	20:48:00	55.2	55.6	45.2
28-Nov-08	20:53:00	50.6	51.3	45.1
28-Nov-08	20:58:00	50.9	53.3	44.7
28-Nov-08	21:03:00	49.2	50.7	45.2
28-Nov-08	21:08:00	51.8	52.6	44.2
28-Nov-08	21:13:00	50.4	48.9	44.0
28-Nov-08	21:18:00	45.6	46.6	44.0
28-Nov-08	21:23:00	47.1	49.0	44.2
28-Nov-08	21:28:00	49.0	51.5	45.2
28-Nov-08	21:33:00	46.8	48.5	44.5
28-Nov-08	21:38:00	54.8	54.0	45.1
28-Nov-08	21:43:00	47.9	50.0	44.9
28-Nov-08	21:48:00	49.4	51.9	45.4
28-Nov-08	21:53:00	51.6	52.4	45.1
28-Nov-08	21:58:00	47.7	50.6	44.2
28-Nov-08	22:03:00	47.7	49.2	44.6
28-Nov-08	22:08:00	52.5	51.6	44.5
28-Nov-08	22:13:00	47.0	48.8	44.6
28-Nov-08	22:18:00	45.9	46.7	44.1
28-Nov-08	22:23:00	45.8	46.8	44.2
28-Nov-08	22:28:00	51.1	53.5	44.5
28-Nov-08	22:33:00	45.8	46.6	44.3
28-Nov-08	22:38:00	46.7	47.8	45.0
28-Nov-08	22:43:00	48.8	49.4	45.2
28-Nov-08	22:48:00	46.5	47.4	44.0
28-Nov-08	22:53:00	47.4	48.5	43.5
28-Nov-08	22:58:00	45.5	46.9	43.7

Mean 52.4 53.5 45.0  
 Maximum 61.4 62.3 46.6  
 Minimum 45.5 46.6 43.5



**Appendix B2&B3**

**Evening Time and Holiday Noise Level at Block D of Villa Monte Rosa (NC5)**

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
29-Nov-08	19:03:00	53.9	56.9	46.0
29-Nov-08	19:08:00	53.3	49.9	45.0
29-Nov-08	19:13:00	55.7	58.4	45.9
29-Nov-08	19:18:00	61.7	59.3	45.1
29-Nov-08	19:23:00	55.5	59.4	45.5
29-Nov-08	19:28:00	52.8	53.3	45.2
29-Nov-08	19:33:00	54.9	58.5	45.9
29-Nov-08	19:38:00	57.4	57.3	46.1
29-Nov-08	19:43:00	51.5	53.7	46.2
29-Nov-08	19:48:00	51.4	52.3	45.4
29-Nov-08	19:53:00	52.1	51.8	46.0
29-Nov-08	19:58:00	49.0	51.9	45.6
29-Nov-08	20:03:00	50.1	51.5	45.9
29-Nov-08	20:08:00	50.3	53.1	45.5
29-Nov-08	20:13:00	49.3	52.5	45.1
29-Nov-08	20:18:00	46.7	47.7	45.1
29-Nov-08	20:23:00	51.1	52.5	45.8
29-Nov-08	20:28:00	52.6	53.8	45.9
29-Nov-08	20:33:00	54.5	52.5	45.5
29-Nov-08	20:38:00	46.8	47.9	45.1
29-Nov-08	20:43:00	47.9	49.9	45.2
29-Nov-08	20:48:00	49.8	52.8	45.0
29-Nov-08	20:53:00	55.8	57.6	44.5
29-Nov-08	20:58:00	53.7	54.7	45.1
29-Nov-08	21:03:00	51.5	52.7	45.0
29-Nov-08	21:08:00	49.7	51.1	44.9
29-Nov-08	21:13:00	47.1	47.8	44.2
29-Nov-08	21:18:00	54.5	56.6	45.8
29-Nov-08	21:23:00	49.9	52.7	46.0
29-Nov-08	21:28:00	55.1	50.8	44.1
29-Nov-08	21:33:00	62.6	67.8	45.2
29-Nov-08	21:38:00	55.5	55.9	44.5
29-Nov-08	21:43:00	53.6	55.2	45.2
29-Nov-08	21:48:00	51.1	54.1	44.0
29-Nov-08	21:53:00	53.1	49.7	44.6
29-Nov-08	21:58:00	53.7	54.9	44.2
29-Nov-08	22:03:00	48.6	52.5	43.4
29-Nov-08	22:08:00	46.7	46.9	43.3
29-Nov-08	22:13:00	47.5	47.2	43.7
29-Nov-08	22:18:00	52.4	55.2	44.0
29-Nov-08	22:23:00	47.1	49.7	44.1
29-Nov-08	22:28:00	49.0	49.0	44.0
29-Nov-08	22:33:00	55.2	56.7	44.0
29-Nov-08	22:38:00	49.5	49.5	43.6
29-Nov-08	22:43:00	45.1	45.8	44.0
29-Nov-08	22:48:00	51.4	49.4	44.4
29-Nov-08	22:53:00	50.3	49.1	44.2
29-Nov-08	22:58:00	48.7	52.4	43.1

Mean 53.7 55.7 45.0  
 Maximum 62.6 67.8 46.2  
 Minimum 45.1 45.8 43.1

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
30-Nov-08	07:03:00	51.7	56.2	41.4
30-Nov-08	07:08:00	62.3	58.9	42.2
30-Nov-08	07:13:00	48.2	50.3	41.6
30-Nov-08	07:18:00	57.8	57.4	42.2
30-Nov-08	07:23:00	47.2	47.3	42.2
30-Nov-08	07:28:00	54.8	58.1	43.7
30-Nov-08	07:33:00	58.5	61.4	44.3
30-Nov-08	07:38:00	58.7	63.2	45.4
30-Nov-08	07:43:00	56.0	58.8	43.4
30-Nov-08	07:48:00	58.5	63.2	44.4
30-Nov-08	07:53:00	56.3	56.8	44.5
30-Nov-08	07:58:00	58.3	61.2	44.5
30-Nov-08	08:03:00	58.6	62.2	44.3
30-Nov-08	08:08:00	60.1	62.5	46.1
30-Nov-08	08:13:00	58.1	58.9	47.2
30-Nov-08	08:18:00	58.1	60.9	47.7
30-Nov-08	08:23:00	63.9	66.8	46.7
30-Nov-08	08:28:00	57.8	62.1	44.6
30-Nov-08	08:33:00	59.3	63.7	45.7
30-Nov-08	08:38:00	66.2	67.6	47.2
30-Nov-08	08:43:00	65.6	67.2	47.6
30-Nov-08	08:48:00	67.9	70.4	47.5
30-Nov-08	08:53:00	67.0	67.3	47.6
30-Nov-08	08:58:00	61.8	66.7	45.9
30-Nov-08	09:03:00	62.6	67.4	48.7
30-Nov-08	09:08:00	65.0	67.4	49.8
30-Nov-08	09:13:00	76.1	78.0	50.2
30-Nov-08	09:18:00	75.9	76.3	66.9
30-Nov-08	09:23:00	72.3	72.3	55.7
30-Nov-08	09:28:00	64.3	68.3	55.0
30-Nov-08	09:33:00	69.3	72.5	58.6
30-Nov-08	09:38:00	63.6	67.8	52.0
30-Nov-08	09:43:00	63.4	67.0	53.7
30-Nov-08	09:48:00	68.4	70.7	55.8
30-Nov-08	09:53:00	65.2	69.0	56.0
30-Nov-08	09:58:00	65.6	69.6	55.5
30-Nov-08	10:03:00	70.5	70.6	51.4
30-Nov-08	10:08:00	62.4	66.6	49.9
30-Nov-08	10:13:00	70.5	69.4	53.5
30-Nov-08	10:18:00	74.1	69.8	52.6
30-Nov-08	10:23:00	63.7	67.9	51.5
30-Nov-08	10:28:00	65.4	68.9	53.4
30-Nov-08	10:33:00	62.3	65.3	55.7
30-Nov-08	10:38:00	64.6	69.0	51.2
30-Nov-08	10:43:00	66.0	69.1	53.7
30-Nov-08	10:48:00	73.0	70.1	55.6
30-Nov-08	10:53:00	65.0	67.6	55.2
30-Nov-08	10:58:00	64.2	68.6	51.7

**Appendix B2&B3**

**Evening Time and Holiday Noise Level at Block D of Villa Monte Rosa (NC5)**

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
30-Nov-08	11:03:00	62.5	67.1	51.0
30-Nov-08	11:08:00	64.0	66.3	51.6
30-Nov-08	11:13:00	72.5	72.3	53.5
30-Nov-08	11:18:00	63.1	66.5	54.7
30-Nov-08	11:23:00	65.5	66.9	52.8
30-Nov-08	11:28:00	67.3	69.2	56.0
30-Nov-08	11:33:00	63.5	67.3	54.9
30-Nov-08	11:38:00	62.7	66.4	53.6
30-Nov-08	11:43:00	63.1	67.2	53.7
30-Nov-08	11:48:00	71.7	69.2	52.9
30-Nov-08	11:53:00	63.0	67.2	52.8
30-Nov-08	11:58:00	62.3	66.5	51.8
30-Nov-08	12:03:00	61.7	65.7	50.9
30-Nov-08	12:08:00	61.0	66.0	50.4
30-Nov-08	12:13:00	61.6	65.5	52.6
30-Nov-08	12:18:00	64.2	68.5	52.3
30-Nov-08	12:23:00	64.9	67.8	52.8
30-Nov-08	12:28:00	74.5	68.3	52.6
30-Nov-08	12:33:00	62.3	65.9	51.5
30-Nov-08	12:38:00	60.5	64.2	51.9
30-Nov-08	12:43:00	61.2	65.6	52.4
Noise Level at Block D	12:48:00	72.3	71.6	50.6
30-Nov-08	12:53:00	63.8	67.9	51.5
30-Nov-08	12:58:00	61.8	66.3	51.7
30-Nov-08	13:03:00	63.0	66.6	52.2
30-Nov-08	13:08:00	62.0	66.2	51.8
30-Nov-08	13:13:00	70.2	66.7	51.8
30-Nov-08	13:18:00	64.2	67.1	51.7
30-Nov-08	13:23:00	71.5	69.9	51.7
30-Nov-08	13:28:00	64.3	66.8	55.1
30-Nov-08	13:33:00	62.5	66.6	53.4
30-Nov-08	13:38:00	65.1	63.9	53.0
30-Nov-08	13:43:00	69.6	70.0	52.4
30-Nov-08	13:48:00	63.1	66.6	51.7
30-Nov-08	13:53:00	60.2	64.0	51.6
30-Nov-08	13:58:00	63.5	66.9	51.5
30-Nov-08	14:03:00	69.4	66.3	51.4
30-Nov-08	14:08:00	63.1	64.9	51.8
30-Nov-08	14:13:00	61.3	65.9	50.1
30-Nov-08	14:18:00	58.5	62.7	50.4
30-Nov-08	14:23:00	63.4	67.2	52.2
30-Nov-08	14:28:00	66.0	69.1	52.9
30-Nov-08	14:33:00	69.6	64.8	50.5
30-Nov-08	14:38:00	68.8	68.3	52.5
30-Nov-08	14:43:00	57.6	61.4	50.1
30-Nov-08	14:48:00	71.9	72.0	51.4
30-Nov-08	14:53:00	64.2	67.4	52.6
30-Nov-08	14:58:00	60.6	64.4	51.4

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
30-Nov-08	15:03:00	64.3	65.6	52.4
30-Nov-08	15:08:00	67.9	71.6	56.3
30-Nov-08	15:13:00	66.9	69.8	57.7
30-Nov-08	15:18:00	73.7	74.4	57.9
30-Nov-08	15:23:00	67.8	70.1	56.4
30-Nov-08	15:28:00	67.9	70.2	58.8
30-Nov-08	15:33:00	73.5	73.6	54.9
30-Nov-08	15:38:00	71.6	66.5	50.5
30-Nov-08	15:43:00	71.1	71.7	48.5
30-Nov-08	15:48:00	63.4	67.7	48.7
30-Nov-08	15:53:00	66.7	66.1	49.2
30-Nov-08	15:58:00	67.0	69.1	49.8
30-Nov-08	16:03:00	60.0	58.2	46.4
30-Nov-08	16:08:00	76.3	81.1	53.1
30-Nov-08	16:13:00	73.9	75.5	49.1
30-Nov-08	16:18:00	54.4	56.5	46.1
30-Nov-08	16:23:00	75.9	79.5	48.5
30-Nov-08	16:28:00	55.7	58.8	46.6
30-Nov-08	16:33:00	59.4	63.2	47.9
30-Nov-08	16:38:00	61.7	63.6	48.3
30-Nov-08	16:43:00	55.6	59.8	46.9
30-Nov-08	16:48:00	53.5	56.9	47.5
30-Nov-08	16:53:00	59.6	58.7	46.6
30-Nov-08	16:58:00	69.0	61.3	46.8
30-Nov-08	17:03:00	57.7	61.3	47.8
30-Nov-08	17:08:00	59.4	62.8	46.9
30-Nov-08	17:13:00	60.2	65.1	45.6
30-Nov-08	17:18:00	54.4	58.9	44.7
30-Nov-08	17:23:00	56.4	60.5	44.6
30-Nov-08	17:28:00	54.3	57.1	44.8
30-Nov-08	17:33:00	60.5	58.7	45.5
30-Nov-08	17:38:00	52.2	53.1	44.9
30-Nov-08	17:43:00	56.5	61.2	45.3
30-Nov-08	17:48:00	54.9	58.0	44.9
30-Nov-08	17:53:00	54.4	57.8	45.4
30-Nov-08	17:58:00	55.6	59.2	46.6
30-Nov-08	18:03:00	49.2	52.3	45.2
30-Nov-08	18:08:00	53.6	56.3	44.8
30-Nov-08	18:13:00	52.8	54.3	45.3
30-Nov-08	18:18:00	50.4	52.8	45.6
30-Nov-08	18:23:00	49.4	50.5	44.8
30-Nov-08	18:28:00	55.5	59.6	44.6
30-Nov-08	18:33:00	53.9	56.2	45.6
30-Nov-08	18:38:00	52.7	54.7	45.5
30-Nov-08	18:43:00	52.9	55.4	45.4
30-Nov-08	18:48:00	56.3	61.0	45.6
30-Nov-08	18:53:00	53.9	56.7	46.2
30-Nov-08	18:58:00	53.9	55.0	46.9

**Appendix B2&B3**

**Evening Time and Holiday Noise Level at Block D of Villa Monte Rosa (NC5)**

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
30-Nov-08	19:03:00	54.8	55.0	45.7
30-Nov-08	19:08:00	53.0	54.6	45.8
30-Nov-08	19:13:00	51.2	52.4	45.8
30-Nov-08	19:18:00	54.5	58.2	46.7
30-Nov-08	19:23:00	56.6	59.7	46.8
30-Nov-08	19:28:00	54.6	57.6	46.3
30-Nov-08	19:33:00	53.4	57.7	45.8
30-Nov-08	19:38:00	51.5	54.8	46.0
30-Nov-08	19:43:00	58.5	61.2	45.6
30-Nov-08	19:48:00	49.3	50.4	43.9
30-Nov-08	19:53:00	54.5	56.9	43.9
30-Nov-08	19:58:00	64.0	58.2	43.9
30-Nov-08	20:03:00	50.7	55.4	43.5
30-Nov-08	20:08:00	52.1	50.2	44.1
30-Nov-08	20:13:00	57.6	50.0	43.9
30-Nov-08	20:18:00	51.4	48.7	43.7
30-Nov-08	20:23:00	53.5	52.0	43.6
30-Nov-08	20:28:00	52.4	56.2	45.4
30-Nov-08	20:33:00	49.6	53.5	44.4
30-Nov-08	20:38:00	47.9	48.0	44.3
30-Nov-08	20:43:00	52.6	55.2	44.5
30-Nov-08	20:48:00	51.9	53.8	44.4
30-Nov-08	20:53:00	54.5	57.3	44.7
30-Nov-08	20:58:00	49.7	52.6	45.3
30-Nov-08	21:03:00	47.1	49.2	44.7
30-Nov-08	21:08:00	49.4	50.8	44.3
30-Nov-08	21:13:00	50.8	53.9	44.5
30-Nov-08	21:18:00	46.3	47.2	44.3
30-Nov-08	21:23:00	52.5	56.1	44.4
30-Nov-08	21:28:00	53.4	55.3	44.0
30-Nov-08	21:33:00	53.3	57.4	44.5
30-Nov-08	21:38:00	46.4	46.9	43.8
30-Nov-08	21:43:00	60.8	59.0	44.3
30-Nov-08	21:48:00	56.7	56.9	44.7
30-Nov-08	21:53:00	60.3	60.7	44.3
30-Nov-08	21:58:00	55.9	58.3	44.7
30-Nov-08	22:03:00	54.4	57.0	43.8
30-Nov-08	22:08:00	52.8	53.8	44.0
30-Nov-08	22:13:00	53.1	56.4	44.5
30-Nov-08	22:18:00	54.6	59.2	43.4
30-Nov-08	22:23:00	51.5	52.6	43.5
30-Nov-08	22:28:00	50.9	56.2	42.7
30-Nov-08	22:33:00	45.2	46.9	42.9
30-Nov-08	22:38:00	48.1	49.9	42.3
30-Nov-08	22:43:00	48.7	50.6	42.4
30-Nov-08	22:48:00	47.1	50.0	43.3
30-Nov-08	22:53:00	44.5	45.7	43.3
30-Nov-08	22:58:00	51.2	50.2	42.3
	Mean	65.9	67.4	51.4
	Maximum	76.3	81.1	66.9
	Minimum	44.5	45.7	41.4

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
1-Dec-08	19:03:00	51.9	52.6	46.2
1-Dec-08	19:08:00	52.7	55.8	46.4
1-Dec-08	19:13:00	52.8	53.9	46.7
1-Dec-08	19:18:00	53.2	57.2	46.8
1-Dec-08	19:23:00	47.8	49.1	46.0
1-Dec-08	19:28:00	52.9	54.7	45.8
1-Dec-08	19:33:00	51.7	53.9	46.1
1-Dec-08	19:38:00	48.5	49.7	45.8
1-Dec-08	19:43:00	52.1	56.6	45.3
1-Dec-08	19:48:00	59.5	60.4	45.3
1-Dec-08	19:53:00	58.4	60.6	46.2
1-Dec-08	19:58:00	49.4	51.6	45.5
1-Dec-08	20:03:00	55.5	59.2	45.2
1-Dec-08	20:08:00	53.7	57.3	45.0
1-Dec-08	20:13:00	53.2	56.0	44.2
1-Dec-08	20:18:00	58.8	57.8	45.1
1-Dec-08	20:23:00	51.9	52.9	45.2
1-Dec-08	20:28:00	53.5	57.8	45.4
1-Dec-08	20:33:00	51.5	53.2	46.0
1-Dec-08	20:38:00	54.9	55.8	46.1
1-Dec-08	20:43:00	53.6	54.4	46.3
1-Dec-08	20:48:00	56.0	56.5	46.0
1-Dec-08	20:53:00	53.0	56.9	45.5
1-Dec-08	20:58:00	50.1	51.3	45.1
1-Dec-08	21:03:00	48.8	49.7	45.2
1-Dec-08	21:08:00	49.2	52.1	45.0
1-Dec-08	21:13:00	46.8	47.0	44.4
1-Dec-08	21:18:00	55.2	56.6	45.6
1-Dec-08	21:23:00	60.6	58.5	46.5
1-Dec-08	21:28:00	52.4	53.8	45.7
1-Dec-08	21:33:00	53.8	52.7	45.5
1-Dec-08	21:38:00	47.7	49.8	45.1
1-Dec-08	21:43:00	51.6	54.6	45.2
1-Dec-08	21:48:00	49.8	51.5	44.3
1-Dec-08	21:53:00	61.1	63.5	44.2
1-Dec-08	21:58:00	56.0	60.9	43.4
1-Dec-08	22:03:00	47.8	48.5	43.2
1-Dec-08	22:08:00	52.2	52.5	43.3
1-Dec-08	22:13:00	48.9	51.6	43.7
1-Dec-08	22:18:00	49.5	52.2	43.5
1-Dec-08	22:23:00	46.6	48.0	43.6
1-Dec-08	22:28:00	48.6	52.1	42.8
1-Dec-08	22:33:00	44.1	44.9	42.6
1-Dec-08	22:38:00	47.9	48.4	43.3
1-Dec-08	22:43:00	45.7	47.1	43.4
1-Dec-08	22:48:00	44.7	45.9	43.1
1-Dec-08	22:53:00	44.3	45.9	42.6
1-Dec-08	22:58:00	54.9	54.7	42.4
	Mean	53.8	55.5	45.1
	Maximum	61.1	63.5	46.8
	Minimum	44.1	44.9	42.4

**Appendix B2&B3**

**Evening Time and Holiday Noise Level at Block D of Villa Monte Rosa (NC5)**

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
2-Dec-08	19:03:00	59.5	63.9	46.1
2-Dec-08	19:08:00	55.3	58.2	46.2
2-Dec-08	19:13:00	52.2	56.3	46.1
2-Dec-08	19:18:00	56.6	59.9	45.5
2-Dec-08	19:23:00	57.9	59.5	45.4
2-Dec-08	19:28:00	56.9	59.9	45.8
2-Dec-08	19:33:00	55.1	58.3	45.1
2-Dec-08	19:38:00	51.8	55.2	44.8
2-Dec-08	19:43:00	59.4	61.1	45.5
2-Dec-08	19:48:00	53.9	52.7	45.3
2-Dec-08	19:53:00	56.2	55.4	46.3
2-Dec-08	19:58:00	56.6	58.9	46.5
2-Dec-08	20:03:00	51.8	53.9	45.3
2-Dec-08	20:08:00	47.6	48.9	44.7
2-Dec-08	20:13:00	57.7	58.1	44.8
2-Dec-08	20:18:00	49.7	51.3	44.7
2-Dec-08	20:23:00	57.7	55.5	45.1
2-Dec-08	20:28:00	52.3	55.1	45.6
2-Dec-08	20:33:00	52.9	56.3	45.2
2-Dec-08	20:38:00	52.7	56.2	45.3
2-Dec-08	20:43:00	51.7	54.2	44.2
2-Dec-08	20:48:00	51.7	53.6	44.6
2-Dec-08	20:53:00	53.4	58.1	44.2
2-Dec-08	20:58:00	55.3	59.3	44.6
2-Dec-08	21:03:00	51.1	52.2	44.7
2-Dec-08	21:08:00	50.2	52.9	44.8
2-Dec-08	21:13:00	46.3	47.2	44.8
2-Dec-08	21:18:00	51.1	52.9	44.7
2-Dec-08	21:23:00	53.4	55.3	44.3
2-Dec-08	21:28:00	57.9	62.3	44.3
2-Dec-08	21:33:00	51.4	52.3	44.1
2-Dec-08	21:38:00	54.4	57.7	44.2
2-Dec-08	21:43:00	49.0	52.0	43.6
2-Dec-08	21:48:00	47.1	48.6	43.4
2-Dec-08	21:53:00	51.4	53.9	43.7
2-Dec-08	21:58:00	45.2	46.0	43.6
2-Dec-08	22:03:00	51.7	51.1	43.2
2-Dec-08	22:08:00	55.9	58.2	42.7
2-Dec-08	22:13:00	49.6	51.6	43.3
2-Dec-08	22:18:00	45.7	47.8	43.2
2-Dec-08	22:23:00	44.8	46.1	43.2
2-Dec-08	22:28:00	44.9	45.9	43.3
2-Dec-08	22:33:00	45.5	47.0	43.4
2-Dec-08	22:38:00	53.5	55.2	43.6
2-Dec-08	22:43:00	46.0	47.2	43.3
2-Dec-08	22:48:00	44.7	45.7	42.9
2-Dec-08	22:53:00	43.8	44.4	42.4
2-Dec-08	22:58:00	44.4	45.1	42.7

Mean 53.7 56.2 44.6  
 Maximum 59.5 63.9 46.5  
 Minimum 43.8 44.4 42.4

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
3-Dec-08	19:03:00	49.6	52.0	45.8
3-Dec-08	19:08:00	56.2	60.1	44.9
3-Dec-08	19:13:00	53.2	56.1	44.4
3-Dec-08	19:18:00	51.5	49.2	44.5
3-Dec-08	19:23:00	50.5	52.1	45.4
3-Dec-08	19:28:00	58.7	62.9	46.4
3-Dec-08	19:33:00	51.3	54.9	46.0
3-Dec-08	19:38:00	50.6	52.5	45.6
3-Dec-08	19:43:00	54.1	57.6	45.7
3-Dec-08	19:48:00	58.4	61.6	45.4
3-Dec-08	19:53:00	56.7	60.0	45.2
3-Dec-08	19:58:00	52.2	52.3	45.4
3-Dec-08	20:03:00	51.4	51.9	45.3
3-Dec-08	20:08:00	47.3	48.9	43.9
3-Dec-08	20:13:00	50.9	54.3	44.4
3-Dec-08	20:18:00	50.5	53.0	44.6
3-Dec-08	20:23:00	56.4	60.4	45.1
3-Dec-08	20:28:00	51.2	52.2	44.5
3-Dec-08	20:33:00	50.3	52.4	44.5
3-Dec-08	20:38:00	51.7	55.4	45.1
3-Dec-08	20:43:00	52.4	52.9	45.2
3-Dec-08	20:48:00	49.7	51.7	45.0
3-Dec-08	20:53:00	49.3	51.1	44.6
3-Dec-08	20:58:00	52.3	53.6	45.4
3-Dec-08	21:03:00	48.9	49.9	44.9
3-Dec-08	21:08:00	51.4	52.3	44.1
3-Dec-08	21:13:00	48.6	50.4	44.6
3-Dec-08	21:18:00	52.6	48.7	44.4
3-Dec-08	21:23:00	55.1	58.5	44.9
3-Dec-08	21:28:00	55.6	59.6	44.8
3-Dec-08	21:33:00	56.2	59.6	45.0
3-Dec-08	21:38:00	47.2	48.9	44.2
3-Dec-08	21:43:00	47.9	49.6	44.2
3-Dec-08	21:48:00	51.7	53.8	44.2
3-Dec-08	21:53:00	49.7	51.8	44.6
3-Dec-08	21:58:00	51.3	55.1	44.4
3-Dec-08	22:03:00	54.9	58.5	45.2
3-Dec-08	22:08:00	52.2	53.9	44.5
3-Dec-08	22:13:00	46.2	47.0	44.6
3-Dec-08	22:18:00	45.5	46.6	44.4
3-Dec-08	22:23:00	45.8	46.8	44.4
3-Dec-08	22:28:00	46.3	47.1	44.5
3-Dec-08	22:33:00	52.0	48.3	44.4
3-Dec-08	22:38:00	46.0	47.1	44.4
3-Dec-08	22:43:00	55.4	57.3	44.3
3-Dec-08	22:48:00	46.4	46.6	44.3
3-Dec-08	22:53:00	45.6	46.6	44.3
3-Dec-08	22:58:00	45.3	46.1	43.5

Mean 52.6 55.3 44.8  
 Maximum 58.7 62.9 46.4  
 Minimum 45.3 46.1 43.5

**Appendix B2&B3**

**Evening Time and Holiday Noise Level at Block D of Villa Monte Rosa (NC5)**

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
4-Dec-08	19:03:00	56.2	61.0	47.2
4-Dec-08	19:08:00	52.0	54.2	47.1
4-Dec-08	19:13:00	54.6	53.9	46.2
4-Dec-08	19:18:00	53.4	56.8	47.0
4-Dec-08	19:23:00	53.7	56.7	45.9
4-Dec-08	19:28:00	53.5	54.5	45.6
4-Dec-08	19:33:00	56.3	61.1	45.3
4-Dec-08	19:38:00	54.3	58.8	45.5
4-Dec-08	19:43:00	53.8	55.6	46.2
4-Dec-08	19:48:00	54.4	57.4	46.4
4-Dec-08	19:53:00	58.4	60.4	46.2
4-Dec-08	19:58:00	56.0	60.4	46.1
4-Dec-08	20:03:00	55.3	59.3	45.4
4-Dec-08	20:08:00	50.5	50.5	46.1
4-Dec-08	20:13:00	48.4	50.0	45.2
4-Dec-08	20:18:00	50.0	50.0	44.9
4-Dec-08	20:23:00	56.5	60.2	45.8
4-Dec-08	20:28:00	50.8	53.2	44.0
4-Dec-08	20:33:00	49.9	52.4	43.5
4-Dec-08	20:38:00	49.7	49.3	44.6
4-Dec-08	20:43:00	53.7	51.1	44.0
4-Dec-08	20:48:00	48.3	48.7	44.8
4-Dec-08	20:53:00	55.9	58.3	45.2
4-Dec-08	20:58:00	50.5	53.4	45.8
4-Dec-08	21:03:00	64.5	56.7	45.5
4-Dec-08	21:08:00	49.5	52.7	44.8
4-Dec-08	21:13:00	46.2	47.4	43.4
4-Dec-08	21:18:00	48.3	50.6	44.3
4-Dec-08	21:23:00	51.8	55.6	44.2
4-Dec-08	21:28:00	55.1	51.5	43.1
4-Dec-08	21:33:00	56.5	59.1	44.6
4-Dec-08	21:38:00	48.7	49.9	44.0
4-Dec-08	21:43:00	57.2	57.7	44.3
4-Dec-08	21:48:00	49.7	53.2	44.0
4-Dec-08	21:53:00	48.1	48.0	44.0
4-Dec-08	21:58:00	46.7	48.0	44.0
4-Dec-08	22:03:00	59.1	56.6	43.3
4-Dec-08	22:08:00	51.8	54.4	43.7
4-Dec-08	22:13:00	46.2	47.4	43.7
4-Dec-08	22:18:00	49.2	51.4	44.4
4-Dec-08	22:23:00	50.5	49.9	44.9
4-Dec-08	22:28:00	46.9	48.0	44.4
4-Dec-08	22:33:00	51.5	52.8	45.0
4-Dec-08	22:38:00	52.3	52.9	45.5
4-Dec-08	22:43:00	49.4	50.7	45.0
4-Dec-08	22:48:00	50.2	52.6	45.8
4-Dec-08	22:53:00	48.6	50.3	45.2
4-Dec-08	22:58:00	47.2	48.7	45.0

Mean 54.2 55.5 45.1  
 Maximum 64.5 61.1 47.2  
 Minimum 46.2 47.4 43.1

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
5-Dec-08	19:03:00	49.3	51.3	46.1
5-Dec-08	19:08:00	61.4	62.8	46.4
5-Dec-08	19:13:00	63.2	62.4	47.5
5-Dec-08	19:18:00	58.7	60.8	47.8
5-Dec-08	19:23:00	55.4	59.5	46.7
5-Dec-08	19:28:00	59.5	60.0	46.2
5-Dec-08	19:33:00	56.6	60.3	46.0
5-Dec-08	19:38:00	54.8	57.5	46.1
5-Dec-08	19:43:00	52.2	55.2	46.0
5-Dec-08	19:48:00	57.3	61.3	47.1
5-Dec-08	19:53:00	54.5	57.0	46.2
5-Dec-08	19:58:00	50.9	54.0	45.5
5-Dec-08	20:03:00	54.6	56.2	46.0
5-Dec-08	20:08:00	55.8	59.3	46.1
5-Dec-08	20:13:00	51.9	54.5	46.1
5-Dec-08	20:18:00	53.7	56.5	47.0
5-Dec-08	20:23:00	55.9	59.4	45.7
5-Dec-08	20:28:00	50.7	51.0	45.1
5-Dec-08	20:33:00	55.7	52.0	45.2
5-Dec-08	20:38:00	59.2	58.6	46.0
5-Dec-08	20:43:00	56.6	59.4	47.0
5-Dec-08	20:48:00	60.2	59.7	47.7
5-Dec-08	20:53:00	62.4	62.5	48.6
5-Dec-08	20:58:00	54.8	57.6	47.8
5-Dec-08	21:03:00	57.9	56.2	46.5
5-Dec-08	21:08:00	60.8	56.5	46.3
5-Dec-08	21:13:00	55.6	57.9	47.2
5-Dec-08	21:18:00	57.2	60.6	47.4
5-Dec-08	21:23:00	51.1	54.1	46.6
5-Dec-08	21:28:00	60.3	58.6	46.4
5-Dec-08	21:33:00	50.3	53.0	45.9
5-Dec-08	21:38:00	47.4	48.7	45.5
5-Dec-08	21:43:00	58.8	62.6	45.6
5-Dec-08	21:48:00	56.8	60.5	45.3
5-Dec-08	21:53:00	55.5	59.0	45.2
5-Dec-08	21:58:00	47.6	48.7	44.1
5-Dec-08	22:03:00	53.9	52.6	44.3
5-Dec-08	22:08:00	54.8	58.9	44.0
5-Dec-08	22:13:00	46.9	48.7	44.1
5-Dec-08	22:18:00	50.7	54.0	44.4
5-Dec-08	22:23:00	53.9	56.0	43.8
5-Dec-08	22:28:00	46.8	48.3	43.7
5-Dec-08	22:33:00	48.5	49.8	43.8
5-Dec-08	22:38:00	46.0	47.7	43.2
5-Dec-08	22:43:00	47.9	48.1	43.7
5-Dec-08	22:48:00	55.0	58.5	43.9
5-Dec-08	22:53:00	45.6	47.5	43.3
5-Dec-08	22:58:00	51.2	48.9	43.6

Mean 56.4 57.9 45.9  
 Maximum 63.2 62.8 48.6  
 Minimum 45.6 47.5 43.2

**Appendix B2&B3**

**Evening Time and Holiday Noise Level at Block D of Villa Monte Rosa (NC5)**

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
6-Dec-08	19:03:00	50.8	51.8	44.7
6-Dec-08	19:08:00	54.4	56.2	45.0
6-Dec-08	19:13:00	57.2	61.1	46.9
6-Dec-08	19:18:00	54.5	57.0	45.7
6-Dec-08	19:23:00	50.5	51.2	45.2
6-Dec-08	19:28:00	53.3	53.2	44.7
6-Dec-08	19:33:00	55.5	60.0	45.1
6-Dec-08	19:38:00	54.0	56.8	45.3
6-Dec-08	19:43:00	48.4	49.9	45.1
6-Dec-08	19:48:00	51.9	53.4	45.1
6-Dec-08	19:53:00	54.0	56.0	45.8
6-Dec-08	19:58:00	51.4	51.9	46.1
6-Dec-08	20:03:00	55.9	54.6	45.6
6-Dec-08	20:08:00	51.5	52.7	45.2
6-Dec-08	20:13:00	49.1	50.5	45.7
6-Dec-08	20:18:00	50.6	51.7	45.2
6-Dec-08	20:23:00	52.0	51.6	44.4
6-Dec-08	20:28:00	50.8	51.7	44.3
6-Dec-08	20:33:00	59.3	62.1	45.4
6-Dec-08	20:38:00	58.4	56.9	46.0
6-Dec-08	20:43:00	46.7	48.5	44.3
6-Dec-08	20:48:00	46.2	47.7	44.1
6-Dec-08	20:53:00	58.9	63.6	44.9
6-Dec-08	20:58:00	52.5	54.7	44.6
6-Dec-08	21:03:00	53.9	57.0	44.6
6-Dec-08	21:08:00	50.8	54.6	44.2
6-Dec-08	21:13:00	53.9	50.8	43.8
6-Dec-08	21:18:00	51.3	52.9	43.4
6-Dec-08	21:23:00	52.3	55.5	45.2
6-Dec-08	21:28:00	54.1	55.8	44.4
6-Dec-08	21:33:00	48.9	50.6	43.2
6-Dec-08	21:38:00	47.6	50.5	43.6
6-Dec-08	21:43:00	54.5	56.6	43.2
6-Dec-08	21:48:00	51.7	51.2	42.6
6-Dec-08	21:53:00	50.9	48.6	42.3
6-Dec-08	21:58:00	53.4	57.4	43.3
6-Dec-08	22:03:00	50.1	48.1	43.0
6-Dec-08	22:08:00	51.5	52.6	43.2
6-Dec-08	22:13:00	51.6	53.5	43.5
6-Dec-08	22:18:00	44.7	45.8	43.2
6-Dec-08	22:23:00	48.6	48.8	43.3
6-Dec-08	22:28:00	51.1	52.8	44.0
6-Dec-08	22:33:00	48.5	49.9	43.1
6-Dec-08	22:38:00	44.9	46.1	43.1
6-Dec-08	22:43:00	46.3	47.8	43.1
6-Dec-08	22:48:00	50.3	49.9	43.8
6-Dec-08	22:53:00	51.2	49.9	43.7
6-Dec-08	22:58:00	44.5	45.5	42.1

Mean 52.9 55.1 44.5  
 Maximum 59.3 63.6 46.9  
 Minimum 44.5 45.5 42.1

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
7-Dec-08	07:03:00	51.6	56.1	41.3
7-Dec-08	07:08:00	62.1	58.7	42.1
7-Dec-08	07:13:00	48.1	50.2	41.5
7-Dec-08	07:18:00	57.5	57.1	42.0
7-Dec-08	07:23:00	46.9	47.0	42.0
7-Dec-08	07:28:00	54.5	57.8	43.4
7-Dec-08	07:33:00	58.2	61.0	44.0
7-Dec-08	07:38:00	58.4	62.8	45.1
7-Dec-08	07:43:00	55.7	58.5	43.1
7-Dec-08	07:48:00	58.2	62.8	44.1
7-Dec-08	07:53:00	56.0	56.5	44.2
7-Dec-08	07:58:00	58.0	60.8	44.2
7-Dec-08	08:03:00	58.3	61.8	44.0
7-Dec-08	08:08:00	59.7	62.1	45.8
7-Dec-08	08:13:00	57.8	58.6	46.9
7-Dec-08	08:18:00	57.8	60.5	47.4
7-Dec-08	08:23:00	63.5	66.4	46.4
7-Dec-08	08:28:00	57.5	61.7	44.3
7-Dec-08	08:33:00	59.0	63.3	45.4
7-Dec-08	08:38:00	65.8	67.2	46.9
7-Dec-08	08:43:00	65.2	66.8	47.3
7-Dec-08	08:48:00	67.5	70.0	47.2
7-Dec-08	08:53:00	66.6	66.9	47.3
7-Dec-08	08:58:00	61.4	66.3	45.6
7-Dec-08	09:03:00	62.2	67.0	48.4
7-Dec-08	09:08:00	64.6	67.0	49.5
7-Dec-08	09:13:00	75.7	77.5	49.9
7-Dec-08	09:18:00	75.5	75.9	66.5
7-Dec-08	09:23:00	71.9	71.9	55.4
7-Dec-08	09:28:00	63.9	67.9	54.7
7-Dec-08	09:33:00	68.9	72.1	58.3
7-Dec-08	09:38:00	63.2	67.4	51.7
7-Dec-08	09:43:00	63.0	66.6	53.4
7-Dec-08	09:48:00	68.0	70.3	55.5
7-Dec-08	09:53:00	64.7	68.5	55.6
7-Dec-08	09:58:00	65.1	69.1	55.1
7-Dec-08	10:03:00	69.9	70.0	51.0
7-Dec-08	10:08:00	61.9	66.1	49.5
7-Dec-08	10:13:00	69.9	68.9	53.1
7-Dec-08	10:18:00	73.5	69.3	52.2
7-Dec-08	10:23:00	63.2	67.4	51.1
7-Dec-08	10:28:00	64.9	68.4	53.0
7-Dec-08	10:33:00	61.8	64.8	55.3
7-Dec-08	10:38:00	64.1	68.5	50.8
7-Dec-08	10:43:00	65.5	68.6	53.3
7-Dec-08	10:48:00	72.4	69.6	55.2
7-Dec-08	10:53:00	64.5	67.1	54.8
7-Dec-08	10:58:00	63.7	68.1	51.3

**Appendix B2&B3**

**Evening Time and Holiday Noise Level at Block D of Villa Monte Rosa (NC5)**

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
7-Dec-08	11:03:00	62.0	66.6	50.6
7-Dec-08	11:08:00	63.5	65.8	51.2
7-Dec-08	11:13:00	71.9	71.7	53.1
7-Dec-08	11:18:00	62.6	66.0	54.3
7-Dec-08	11:23:00	65.0	66.4	52.4
7-Dec-08	11:28:00	66.8	68.7	55.6
7-Dec-08	11:33:00	63.0	66.8	54.5
7-Dec-08	11:38:00	62.2	65.9	53.2
7-Dec-08	11:43:00	62.6	66.7	53.3
7-Dec-08	11:48:00	71.1	68.7	52.5
7-Dec-08	11:53:00	62.6	66.8	52.5
7-Dec-08	11:58:00	61.9	66.1	51.5
7-Dec-08	12:03:00	61.3	65.3	50.6
7-Dec-08	12:08:00	60.6	65.6	50.1
7-Dec-08	12:13:00	61.2	65.1	52.3
7-Dec-08	12:18:00	63.8	68.1	52.0
7-Dec-08	12:23:00	64.5	67.4	52.5
7-Dec-08	12:28:00	74.1	67.9	52.3
7-Dec-08	12:33:00	61.9	65.5	51.2
7-Dec-08	12:38:00	60.1	63.8	51.6
7-Dec-08	12:43:00	60.8	65.2	52.1
7-Dec-08	12:48:00	71.9	71.2	50.3
7-Dec-08	12:53:00	63.4	67.5	51.2
7-Dec-08	12:58:00	61.4	65.9	51.4
7-Dec-08	13:03:00	62.6	66.2	51.9
7-Dec-08	13:08:00	61.6	65.8	51.5
7-Dec-08	13:13:00	69.8	66.3	51.5
7-Dec-08	13:18:00	63.8	66.7	51.4
7-Dec-08	13:23:00	71.1	69.5	51.4
7-Dec-08	13:28:00	63.9	66.4	54.8
7-Dec-08	13:33:00	62.1	66.2	53.1
7-Dec-08	13:38:00	64.7	63.5	52.7
7-Dec-08	13:43:00	69.2	69.6	52.1
7-Dec-08	13:48:00	62.7	66.2	51.4
7-Dec-08	13:53:00	59.8	63.6	51.3
7-Dec-08	13:58:00	63.1	66.5	51.2
7-Dec-08	14:03:00	69.0	65.9	51.1
7-Dec-08	14:08:00	62.7	64.5	51.5
7-Dec-08	14:13:00	60.9	65.5	49.8
7-Dec-08	14:18:00	58.2	62.3	50.1
7-Dec-08	14:23:00	63.0	66.8	51.9
7-Dec-08	14:28:00	65.6	68.7	52.6
7-Dec-08	14:33:00	69.2	64.4	50.2
7-Dec-08	14:38:00	68.4	67.9	52.2
7-Dec-08	14:43:00	57.3	61.0	49.8
7-Dec-08	14:48:00	71.5	71.6	51.1
7-Dec-08	14:53:00	63.8	67.0	52.3
7-Dec-08	14:58:00	60.2	64.0	51.1

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
7-Dec-08	15:03:00	63.9	65.2	52.1
7-Dec-08	15:08:00	67.5	71.2	56.0
7-Dec-08	15:13:00	66.5	69.4	57.4
7-Dec-08	15:18:00	73.3	74.0	57.6
7-Dec-08	15:23:00	67.4	69.7	56.1
7-Dec-08	15:28:00	67.5	69.8	58.5
7-Dec-08	15:33:00	73.1	73.2	54.6
7-Dec-08	15:38:00	71.2	66.1	50.2
7-Dec-08	15:43:00	70.7	71.3	48.2
7-Dec-08	15:48:00	63.0	67.3	48.4
7-Dec-08	15:53:00	66.3	65.7	48.9
7-Dec-08	15:58:00	66.6	68.7	49.5
7-Dec-08	16:03:00	59.6	57.9	46.1
7-Dec-08	16:08:00	75.9	80.6	52.8
7-Dec-08	16:13:00	73.5	75.1	48.8
7-Dec-08	16:18:00	54.1	56.2	45.8
7-Dec-08	16:23:00	75.5	79.0	48.2
7-Dec-08	16:28:00	55.4	58.5	46.3
7-Dec-08	16:33:00	59.1	62.8	47.6
7-Dec-08	16:38:00	61.3	63.2	48.0
7-Dec-08	16:43:00	55.3	59.4	46.6
7-Dec-08	16:48:00	53.2	56.6	47.2
7-Dec-08	16:53:00	59.3	58.4	46.3
7-Dec-08	16:58:00	68.6	60.9	46.5
7-Dec-08	17:03:00	57.4	60.9	47.5
7-Dec-08	17:08:00	59.1	62.4	46.6
7-Dec-08	17:13:00	59.8	64.7	45.3
7-Dec-08	17:18:00	54.1	58.6	44.4
7-Dec-08	17:23:00	56.1	60.1	44.3
7-Dec-08	17:28:00	54.0	56.8	44.5
7-Dec-08	17:33:00	60.1	58.4	45.2
7-Dec-08	17:38:00	51.9	52.8	44.6
7-Dec-08	17:43:00	56.2	60.8	45.0
7-Dec-08	17:48:00	54.6	57.7	44.6
7-Dec-08	17:53:00	54.1	57.5	45.1
7-Dec-08	17:58:00	55.3	58.9	46.3
7-Dec-08	18:03:00	48.9	52.0	44.9
7-Dec-08	18:08:00	53.3	56.0	44.5
7-Dec-08	18:13:00	52.3	53.8	44.9
7-Dec-08	18:18:00	49.9	52.3	45.2
7-Dec-08	18:23:00	48.9	50.0	44.4
7-Dec-08	18:28:00	55.0	59.0	44.2
7-Dec-08	18:33:00	53.4	55.6	45.2
7-Dec-08	18:38:00	52.2	54.2	45.1
7-Dec-08	18:43:00	52.4	54.9	45.0
7-Dec-08	18:48:00	55.7	60.4	45.2
7-Dec-08	18:53:00	53.4	56.1	45.7
7-Dec-08	18:58:00	53.4	54.5	46.4

**Appendix B2&B3**

**Evening Time and Holiday Noise Level at Block D of Villa Monte Rosa (NC5)**

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
8-Dec-08	19:03:00	54.3	54.5	45.3
8-Dec-08	19:08:00	52.5	54.1	45.4
8-Dec-08	19:13:00	50.7	51.9	45.4
8-Dec-08	19:18:00	54.0	57.6	46.2
8-Dec-08	19:23:00	56.0	59.1	46.3
8-Dec-08	19:28:00	54.1	57.0	45.8
8-Dec-08	19:33:00	52.9	57.1	45.4
8-Dec-08	19:38:00	51.0	54.3	45.5
8-Dec-08	19:43:00	57.9	60.6	45.2
8-Dec-08	19:48:00	48.8	49.9	43.5
8-Dec-08	19:53:00	54.0	56.3	43.5
8-Dec-08	19:58:00	63.4	57.6	43.5
8-Dec-08	20:03:00	50.2	54.9	43.1
8-Dec-08	20:08:00	51.6	49.7	43.7
8-Dec-08	20:13:00	57.0	49.5	43.5
8-Dec-08	20:18:00	50.9	48.2	43.3
8-Dec-08	20:23:00	53.2	51.7	43.3
8-Dec-08	20:28:00	52.1	55.9	45.1
8-Dec-08	20:33:00	49.3	53.2	44.1
8-Dec-08	20:38:00	47.6	47.7	44.0
8-Dec-08	20:43:00	52.3	54.9	44.2
8-Dec-08	20:48:00	51.6	53.5	44.1
8-Dec-08	20:53:00	54.2	57.0	44.4
8-Dec-08	20:58:00	49.4	52.3	45.0
8-Dec-08	21:03:00	46.8	48.9	44.4
8-Dec-08	21:08:00	49.1	50.5	44.0
8-Dec-08	21:13:00	50.5	53.6	44.2
8-Dec-08	21:18:00	46.0	46.9	44.0
8-Dec-08	21:23:00	52.2	55.8	44.1
8-Dec-08	21:28:00	53.1	55.0	43.7
8-Dec-08	21:33:00	53.0	57.1	44.2
8-Dec-08	21:38:00	46.1	46.6	43.5
8-Dec-08	21:43:00	60.4	58.7	44.0
8-Dec-08	21:48:00	56.4	56.6	44.4
8-Dec-08	21:53:00	59.9	60.3	44.0
8-Dec-08	21:58:00	55.6	58.0	44.4
8-Dec-08	22:03:00	54.1	56.7	43.5
8-Dec-08	22:08:00	52.5	53.5	43.7
8-Dec-08	22:13:00	52.8	56.1	44.2
8-Dec-08	22:18:00	54.3	58.9	43.1
8-Dec-08	22:23:00	51.2	52.3	43.2
8-Dec-08	22:28:00	50.6	55.9	42.4
8-Dec-08	22:33:00	44.9	46.6	42.6
8-Dec-08	22:38:00	47.8	49.6	42.1
8-Dec-08	22:43:00	48.4	50.3	42.2
8-Dec-08	22:48:00	46.8	49.7	43.0
8-Dec-08	22:53:00	44.2	45.4	43.0
8-Dec-08	22:58:00	50.9	49.9	42.1
	Mean	65.4	66.9	51.1
	Maximum	75.9	80.6	66.5
	Minimum	44.2	45.4	41.3

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
8-Dec-08	19:03:00	63.5	62.7	47.7
8-Dec-08	19:08:00	59.0	61.1	48.0
8-Dec-08	19:13:00	55.7	59.8	46.9
8-Dec-08	19:18:00	59.8	60.3	46.4
8-Dec-08	19:23:00	56.9	60.6	46.2
8-Dec-08	19:28:00	55.1	57.8	46.3
8-Dec-08	19:33:00	52.5	55.5	46.2
8-Dec-08	19:38:00	57.6	61.6	47.3
8-Dec-08	19:43:00	54.8	57.3	46.4
8-Dec-08	19:48:00	51.1	54.3	45.7
8-Dec-08	19:53:00	54.9	56.5	46.2
8-Dec-08	19:58:00	56.1	59.6	46.3
8-Dec-08	20:03:00	52.1	54.8	46.3
8-Dec-08	20:08:00	54.0	56.8	47.2
8-Dec-08	20:13:00	56.2	59.7	45.9
8-Dec-08	20:18:00	50.9	51.2	45.3
8-Dec-08	20:23:00	56.0	52.2	45.4
8-Dec-08	20:28:00	59.5	58.9	46.2
8-Dec-08	20:33:00	56.9	59.7	47.3
8-Dec-08	20:38:00	60.5	60.0	48.0
8-Dec-08	20:43:00	62.8	62.9	48.9
8-Dec-08	20:48:00	55.1	57.9	48.1
8-Dec-08	20:53:00	58.2	56.5	46.8
8-Dec-08	20:58:00	61.2	56.8	46.6
8-Dec-08	21:03:00	55.9	58.2	47.5
8-Dec-08	21:08:00	57.5	61.0	47.7
8-Dec-08	21:13:00	51.4	54.4	46.9
8-Dec-08	21:18:00	60.6	58.9	46.7
8-Dec-08	21:23:00	50.6	53.3	46.2
8-Dec-08	21:28:00	47.7	49.0	45.8
8-Dec-08	21:33:00	59.1	63.0	45.9
8-Dec-08	21:38:00	57.1	60.9	45.6
8-Dec-08	21:43:00	55.8	59.3	45.5
8-Dec-08	21:48:00	47.9	49.0	44.4
8-Dec-08	21:53:00	54.2	52.9	44.5
8-Dec-08	21:58:00	55.1	59.2	44.2
8-Dec-08	22:03:00	47.1	48.9	44.3
8-Dec-08	22:08:00	50.9	54.3	44.6
8-Dec-08	22:13:00	54.2	56.3	44.0
8-Dec-08	22:18:00	47.0	48.5	43.9
8-Dec-08	22:23:00	48.7	50.0	44.0
8-Dec-08	22:28:00	46.2	47.9	43.4
8-Dec-08	22:33:00	48.1	48.3	43.9
8-Dec-08	22:38:00	55.3	58.8	44.1
8-Dec-08	22:43:00	45.8	47.7	43.5
8-Dec-08	22:48:00	51.4	49.1	43.8
8-Dec-08	22:53:00	47.3	49.3	44.2
8-Dec-08	22:58:00	44.7	45.9	43.2
	Mean	56.4	57.9	46.1
	Maximum	63.5	63.0	48.9
	Minimum	44.7	45.9	43.2

Evening Time and Holiday Noise Level at Block D of Villa Monte Rosa (NC5)			
	Leq	L10	L90
Mean	62.1	63.7	48.8
Max	76.3	81.1	66.9
Min	43.8	44.4	41.3



**Appendix B2&B3**

**Evening Time and Holiday Noise Level at Rosaryhill School (NC6)**

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
26-Nov-08	19:03:00	51.1	53.7	47.8
26-Nov-08	19:08:00	50.3	51.5	47.1
26-Nov-08	19:13:00	48.2	49.2	47.0
26-Nov-08	19:18:00	50.8	52.4	47.1
26-Nov-08	19:23:00	54.7	56.4	47.4
26-Nov-08	19:28:00	52.6	53.5	46.9
26-Nov-08	19:33:00	48.2	49.6	46.8
26-Nov-08	19:38:00	55.6	58.9	47.5
26-Nov-08	19:43:00	53.6	55.4	47.8
26-Nov-08	19:48:00	53.1	53.8	47.4
26-Nov-08	19:53:00	53.0	54.7	48.0
26-Nov-08	19:58:00	51.2	53.6	47.8
26-Nov-08	20:03:00	52.2	52.3	47.2
26-Nov-08	20:08:00	53.9	54.7	47.1
26-Nov-08	20:13:00	49.3	51.1	47.0
26-Nov-08	20:18:00	49.9	52.2	46.9
26-Nov-08	20:23:00	48.0	49.1	46.8
26-Nov-08	20:28:00	49.8	51.2	46.4
26-Nov-08	20:33:00	53.0	57.7	46.7
26-Nov-08	20:38:00	56.1	59.2	46.9
26-Nov-08	20:43:00	51.4	55.1	46.3
26-Nov-08	20:48:00	50.3	52.3	46.8
26-Nov-08	20:53:00	50.5	51.1	46.5
26-Nov-08	20:58:00	49.2	51.6	46.8
26-Nov-08	21:03:00	47.5	48.6	46.2
26-Nov-08	21:08:00	47.7	48.7	46.1
26-Nov-08	21:13:00	50.8	51.8	46.7
26-Nov-08	21:18:00	49.9	50.4	46.5
26-Nov-08	21:23:00	48.3	49.6	46.8
26-Nov-08	21:28:00	49.1	50.1	47.1
26-Nov-08	21:33:00	48.9	49.6	47.0
26-Nov-08	21:38:00	56.0	60.4	46.5
26-Nov-08	21:43:00	55.0	59.3	46.9
26-Nov-08	21:48:00	54.1	57.4	46.7
26-Nov-08	21:53:00	48.1	49.2	45.9
26-Nov-08	21:58:00	49.0	49.6	46.0
26-Nov-08	22:03:00	53.0	56.5	46.0
26-Nov-08	22:08:00	49.0	50.3	46.2
26-Nov-08	22:13:00	53.2	57.3	46.4
26-Nov-08	22:18:00	54.8	56.6	46.2
26-Nov-08	22:23:00	53.0	55.3	46.1
26-Nov-08	22:28:00	47.1	48.0	46.0
26-Nov-08	22:33:00	47.2	48.1	46.0
26-Nov-08	22:38:00	47.3	48.3	46.0
26-Nov-08	22:43:00	47.9	48.2	45.9
26-Nov-08	22:48:00	54.2	49.8	46.2
26-Nov-08	22:53:00	55.4	55.8	46.0
26-Nov-08	22:58:00	48.2	49.3	46.9
	Mean	51.9	54.2	46.8
	Maximum	56.1	60.4	48.0
	Minimum	47.1	48.0	45.9

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
27-Nov-08	19:03:00	52.8	52.7	48.9
27-Nov-08	19:08:00	49.2	50.4	47.9
27-Nov-08	19:13:00	50.2	51.4	48.0
27-Nov-08	19:18:00	50.9	52.6	48.1
27-Nov-08	19:23:00	53.6	53.7	48.1
27-Nov-08	19:28:00	50.6	52.9	48.1
27-Nov-08	19:33:00	52.5	53.9	48.2
27-Nov-08	19:38:00	49.5	50.3	47.8
27-Nov-08	19:43:00	51.0	52.6	48.3
27-Nov-08	19:48:00	52.3	54.1	48.2
27-Nov-08	19:53:00	50.6	52.0	48.3
27-Nov-08	19:58:00	53.2	55.9	48.4
27-Nov-08	20:03:00	51.8	54.2	48.7
27-Nov-08	20:08:00	50.3	51.6	48.6
27-Nov-08	20:13:00	52.8	55.1	49.0
27-Nov-08	20:18:00	51.3	52.9	48.8
27-Nov-08	20:23:00	51.3	53.1	48.3
27-Nov-08	20:28:00	52.5	54.4	49.0
27-Nov-08	20:33:00	52.8	55.0	49.4
27-Nov-08	20:38:00	50.4	51.8	48.2
27-Nov-08	20:43:00	53.3	55.3	48.4
27-Nov-08	20:48:00	54.4	55.7	49.1
27-Nov-08	20:53:00	49.6	50.9	47.8
27-Nov-08	20:58:00	52.3	53.4	48.8
27-Nov-08	21:03:00	56.4	60.1	48.9
27-Nov-08	21:08:00	52.4	54.9	49.2
27-Nov-08	21:13:00	50.5	52.3	48.2
27-Nov-08	21:18:00	52.3	54.4	48.9
27-Nov-08	21:23:00	50.9	52.2	48.1
27-Nov-08	21:28:00	49.8	51.5	48.0
27-Nov-08	21:33:00	51.5	52.9	48.8
27-Nov-08	21:38:00	53.0	55.5	49.0
27-Nov-08	21:43:00	51.7	54.3	48.6
27-Nov-08	21:48:00	52.0	53.7	49.0
27-Nov-08	21:53:00	50.1	51.3	48.4
27-Nov-08	21:58:00	50.1	51.5	48.6
27-Nov-08	22:03:00	53.7	56.2	49.9
27-Nov-08	22:08:00	54.2	57.2	49.4
27-Nov-08	22:13:00	52.1	54.2	49.0
27-Nov-08	22:18:00	52.1	54.2	49.7
27-Nov-08	22:23:00	50.9	52.6	48.3
27-Nov-08	22:28:00	51.4	53.4	48.8
27-Nov-08	22:33:00	51.5	53.3	48.5
27-Nov-08	22:38:00	53.8	54.8	47.8
27-Nov-08	22:43:00	50.6	52.3	48.8
27-Nov-08	22:48:00	53.7	55.1	48.9
27-Nov-08	22:53:00	51.9	54.5	47.6
27-Nov-08	22:58:00	51.1	52.6	48.5
	Mean	52.1	54.0	48.6
	Maximum	56.4	60.1	49.9
	Minimum	49.2	50.3	47.6

**Appendix B2&B3**

**Evening Time and Holiday Noise Level at Rosaryhill School (NC6)**

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
28-Nov-08	19:03:00	49.6	51.9	47.1
28-Nov-08	19:08:00	50.4	50.7	47.0
28-Nov-08	19:13:00	49.5	51.3	47.2
28-Nov-08	19:18:00	49.2	50.6	47.1
28-Nov-08	19:23:00	52.3	52.2	47.1
28-Nov-08	19:28:00	49.8	50.7	48.0
28-Nov-08	19:33:00	50.3	51.7	47.9
28-Nov-08	19:38:00	51.3	51.9	47.3
28-Nov-08	19:43:00	49.2	51.0	47.0
28-Nov-08	19:48:00	48.4	49.5	46.9
28-Nov-08	19:53:00	51.6	54.2	47.0
28-Nov-08	19:58:00	48.7	50.0	46.8
28-Nov-08	20:03:00	48.1	49.7	46.2
28-Nov-08	20:08:00	48.0	49.5	46.1
28-Nov-08	20:13:00	47.8	48.4	46.0
28-Nov-08	20:18:00	47.8	48.7	46.0
28-Nov-08	20:23:00	53.9	56.1	46.5
28-Nov-08	20:28:00	48.1	49.3	46.2
28-Nov-08	20:33:00	47.1	48.3	45.8
28-Nov-08	20:38:00	47.0	48.0	45.9
28-Nov-08	20:43:00	53.8	51.0	46.3
28-Nov-08	20:48:00	48.8	49.5	46.2
28-Nov-08	20:53:00	48.7	49.8	46.8
28-Nov-08	20:58:00	48.9	49.4	47.0
28-Nov-08	21:03:00	49.4	49.1	47.0
28-Nov-08	21:08:00	48.4	49.7	46.2
28-Nov-08	21:13:00	47.7	48.6	46.1
28-Nov-08	21:18:00	47.0	47.9	45.9
28-Nov-08	21:23:00	47.5	48.2	45.8
28-Nov-08	21:28:00	47.4	48.5	45.9
28-Nov-08	21:33:00	50.7	50.4	46.0
28-Nov-08	21:38:00	48.0	48.9	46.1
28-Nov-08	21:43:00	47.7	48.7	45.9
28-Nov-08	21:48:00	47.8	48.6	45.9
28-Nov-08	21:53:00	49.5	51.4	46.1
28-Nov-08	21:58:00	49.0	52.1	46.0
28-Nov-08	22:03:00	48.0	50.0	45.9
28-Nov-08	22:08:00	52.2	49.6	45.9
28-Nov-08	22:13:00	46.7	47.7	45.8
28-Nov-08	22:18:00	47.0	48.1	45.3
28-Nov-08	22:23:00	48.3	49.1	45.8
28-Nov-08	22:28:00	48.6	50.1	45.8
28-Nov-08	22:33:00	47.0	48.1	45.9
28-Nov-08	22:38:00	47.9	48.7	46.9
28-Nov-08	22:43:00	48.5	49.4	46.6
28-Nov-08	22:48:00	46.1	47.0	45.1
28-Nov-08	22:53:00	48.2	48.6	45.1
28-Nov-08	22:58:00	46.6	47.6	45.3

Mean 49.2 50.2 46.4  
 Maximum 53.9 56.1 48.0  
 Minimum 46.1 47.0 45.1

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
29-Nov-08	19:03:00	49.1	50.4	47.1
29-Nov-08	19:08:00	49.4	51.7	47.0
29-Nov-08	19:13:00	53.5	54.7	47.1
29-Nov-08	19:18:00	53.1	53.5	47.2
29-Nov-08	19:23:00	55.9	58.8	47.1
29-Nov-08	19:28:00	53.8	52.0	47.1
29-Nov-08	19:33:00	58.1	60.8	49.3
29-Nov-08	19:38:00	50.3	51.2	47.1
29-Nov-08	19:43:00	52.2	54.4	46.7
29-Nov-08	19:48:00	48.4	49.4	46.1
29-Nov-08	19:53:00	49.2	51.9	46.2
29-Nov-08	19:58:00	47.2	48.3	46.0
29-Nov-08	20:03:00	50.6	53.7	46.2
29-Nov-08	20:08:00	47.9	49.2	46.0
29-Nov-08	20:13:00	48.2	50.3	46.0
29-Nov-08	20:18:00	47.2	48.3	46.1
29-Nov-08	20:23:00	49.9	50.9	46.6
29-Nov-08	20:28:00	48.1	48.7	46.3
29-Nov-08	20:33:00	49.0	50.6	46.8
29-Nov-08	20:38:00	47.6	48.3	46.0
29-Nov-08	20:43:00	50.9	53.2	46.4
29-Nov-08	20:48:00	49.5	52.0	46.4
29-Nov-08	20:53:00	52.5	54.4	47.3
29-Nov-08	20:58:00	50.0	52.0	47.3
29-Nov-08	21:03:00	51.6	50.9	46.2
29-Nov-08	21:08:00	48.3	49.0	45.9
29-Nov-08	21:13:00	48.1	49.2	46.0
29-Nov-08	21:18:00	50.1	52.0	46.4
29-Nov-08	21:23:00	48.3	50.7	45.8
29-Nov-08	21:28:00	49.4	53.1	45.9
29-Nov-08	21:33:00	50.0	53.7	46.2
29-Nov-08	21:38:00	52.0	55.1	45.9
29-Nov-08	21:43:00	49.9	52.3	46.0
29-Nov-08	21:48:00	50.2	51.1	45.9
29-Nov-08	21:53:00	47.5	48.6	45.8
29-Nov-08	21:58:00	51.3	52.4	45.6
29-Nov-08	22:03:00	46.3	47.3	45.1
29-Nov-08	22:08:00	48.7	49.8	45.6
29-Nov-08	22:13:00	52.7	55.4	46.0
29-Nov-08	22:18:00	47.4	48.3	45.8
29-Nov-08	22:23:00	47.4	48.2	45.2
29-Nov-08	22:28:00	48.1	49.6	45.8
29-Nov-08	22:33:00	47.3	48.1	45.5
29-Nov-08	22:38:00	49.5	47.8	45.3
29-Nov-08	22:43:00	52.2	48.7	45.5
29-Nov-08	22:48:00	46.9	48.1	45.7
29-Nov-08	22:53:00	48.8	50.0	46.8
29-Nov-08	22:58:00	48.4	50.0	46.5

Mean 50.7 52.4 46.4  
 Maximum 58.1 60.8 49.3  
 Minimum 46.3 47.3 45.1

**Appendix B2&B3**

**Evening Time and Holiday Noise Level at Rosaryhill School (NC6)**

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
30-Nov-08	07:03:00	50.1	51.5	46.9
30-Nov-08	07:08:00	48.4	49.7	46.2
30-Nov-08	07:13:00	52.2	54.4	46.6
30-Nov-08	07:18:00	52.5	54.2	46.2
30-Nov-08	07:23:00	50.9	52.4	46.2
30-Nov-08	07:28:00	51.0	53.7	46.2
30-Nov-08	07:33:00	47.6	48.7	46.0
30-Nov-08	07:38:00	47.6	48.7	46.0
30-Nov-08	07:43:00	48.5	49.6	46.1
30-Nov-08	07:48:00	50.0	52.6	46.3
30-Nov-08	07:53:00	52.4	55.3	46.4
30-Nov-08	07:58:00	49.6	51.4	47.2
30-Nov-08	08:03:00	49.0	50.8	47.1
30-Nov-08	08:08:00	49.5	49.8	47.2
30-Nov-08	08:13:00	54.0	57.6	47.1
30-Nov-08	08:18:00	52.9	55.4	48.0
30-Nov-08	08:23:00	53.3	55.8	47.6
30-Nov-08	08:28:00	55.7	57.9	52.1
30-Nov-08	08:33:00	55.9	57.4	47.0
30-Nov-08	08:38:00	55.2	57.8	47.1
30-Nov-08	08:43:00	55.3	59.5	48.0
30-Nov-08	08:48:00	51.2	53.4	47.9
30-Nov-08	08:53:00	58.6	60.7	48.0
30-Nov-08	08:58:00	59.8	63.5	49.4
30-Nov-08	09:03:00	55.8	58.1	49.4
30-Nov-08	09:08:00	52.7	54.5	48.8
30-Nov-08	09:13:00	52.3	54.8	48.2
30-Nov-08	09:18:00	62.1	65.5	50.4
30-Nov-08	09:23:00	61.4	64.6	50.3
30-Nov-08	09:28:00	52.4	54.6	48.2
30-Nov-08	09:33:00	54.0	56.9	47.6
30-Nov-08	09:38:00	54.3	57.1	47.9
30-Nov-08	09:43:00	54.8	58.6	48.1
30-Nov-08	09:48:00	67.1	71.0	58.0
30-Nov-08	09:53:00	65.9	69.7	57.7
30-Nov-08	09:58:00	62.6	66.0	54.3
30-Nov-08	10:03:00	64.0	66.2	56.1
30-Nov-08	10:08:00	60.3	63.7	53.1
30-Nov-08	10:13:00	60.9	63.8	54.9
30-Nov-08	10:18:00	57.2	59.8	48.8
30-Nov-08	10:23:00	55.7	58.7	49.9
30-Nov-08	10:28:00	58.7	62.5	48.4
30-Nov-08	10:33:00	56.2	57.5	48.8
30-Nov-08	10:38:00	51.8	54.1	48.0
30-Nov-08	10:43:00	53.4	55.0	47.2
30-Nov-08	10:48:00	53.9	54.1	47.8
30-Nov-08	10:53:00	49.5	50.9	47.1
30-Nov-08	10:58:00	57.1	61.3	47.3

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
30-Nov-08	11:03:00	54.4	58.7	47.3
30-Nov-08	11:08:00	48.4	49.5	46.7
30-Nov-08	11:13:00	52.6	55.7	47.3
30-Nov-08	11:18:00	54.3	55.6	48.1
30-Nov-08	11:23:00	59.2	61.7	51.1
30-Nov-08	11:28:00	59.1	61.4	49.7
30-Nov-08	11:33:00	56.0	58.1	51.8
30-Nov-08	11:38:00	54.8	55.9	48.5
30-Nov-08	11:43:00	54.1	56.9	49.0
30-Nov-08	11:48:00	53.8	56.0	48.3
30-Nov-08	11:53:00	53.1	52.8	48.6
30-Nov-08	11:58:00	55.1	56.7	51.0
30-Nov-08	12:03:00	51.4	53.5	48.6
30-Nov-08	12:08:00	58.0	59.5	49.9
30-Nov-08	12:13:00	53.4	55.6	48.5
30-Nov-08	12:18:00	50.6	52.6	47.9
30-Nov-08	12:23:00	50.1	51.4	47.9
30-Nov-08	12:28:00	55.9	56.6	48.2
30-Nov-08	12:33:00	51.0	52.8	47.9
30-Nov-08	12:38:00	51.1	51.5	47.4
30-Nov-08	12:43:00	53.2	56.0	47.9
30-Nov-08	12:48:00	57.7	61.7	48.2
30-Nov-08	12:53:00	55.7	59.8	48.6
30-Nov-08	12:58:00	51.4	53.9	47.9
30-Nov-08	13:03:00	54.6	57.1	48.4
30-Nov-08	13:08:00	51.8	54.2	47.2
30-Nov-08	13:13:00	51.2	52.2	46.5
30-Nov-08	13:18:00	50.3	53.3	46.9
30-Nov-08	13:23:00	61.1	64.6	48.0
30-Nov-08	13:28:00	64.0	66.8	59.8
30-Nov-08	13:33:00	60.8	62.6	48.2
30-Nov-08	13:38:00	52.3	55.2	47.2
30-Nov-08	13:43:00	48.7	49.6	47.0
30-Nov-08	13:48:00	53.7	56.4	48.3
30-Nov-08	13:53:00	49.7	51.3	47.8
30-Nov-08	13:58:00	49.6	51.6	47.2
30-Nov-08	14:03:00	57.9	60.5	47.6
30-Nov-08	14:08:00	53.1	54.7	48.1
30-Nov-08	14:13:00	49.0	50.3	47.4
30-Nov-08	14:18:00	50.4	52.3	47.2
30-Nov-08	14:23:00	49.1	50.5	47.1
30-Nov-08	14:28:00	52.0	55.2	47.4
30-Nov-08	14:33:00	51.7	53.5	47.3
30-Nov-08	14:38:00	48.1	49.2	46.9
30-Nov-08	14:43:00	50.8	50.9	47.0
30-Nov-08	14:48:00	50.6	51.7	47.2
30-Nov-08	14:53:00	52.2	54.7	47.2
30-Nov-08	14:58:00	49.1	50.4	47.2

**Appendix B2&B3**

**Evening Time and Holiday Noise Level at Rosaryhill School (NC6)**

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
30-Nov-08	15:03:00	49.1	50.5	47.2
30-Nov-08	15:08:00	50.3	52.4	47.5
30-Nov-08	15:13:00	49.5	50.7	47.2
30-Nov-08	15:18:00	50.9	53.3	47.9
30-Nov-08	15:23:00	53.3	54.8	47.6
30-Nov-08	15:28:00	53.1	55.8	47.4
30-Nov-08	15:33:00	49.7	51.4	47.8
30-Nov-08	15:38:00	58.4	60.5	48.0
30-Nov-08	15:43:00	50.5	52.0	48.2
30-Nov-08	15:48:00	50.8	52.4	47.8
30-Nov-08	15:53:00	56.6	58.1	48.1
30-Nov-08	15:58:00	55.3	58.8	48.3
30-Nov-08	16:03:00	51.1	53.6	47.9
30-Nov-08	16:08:00	52.0	54.8	48.0
30-Nov-08	16:13:00	52.3	53.9	47.7
30-Nov-08	16:18:00	49.2	51.0	46.9
30-Nov-08	16:23:00	49.8	51.3	47.8
30-Nov-08	16:28:00	50.3	52.1	48.0
30-Nov-08	16:33:00	51.7	54.3	48.2
30-Nov-08	16:38:00	52.2	54.7	47.1
30-Nov-08	16:43:00	52.3	53.8	47.1
30-Nov-08	16:48:00	51.0	53.2	47.2
30-Nov-08	16:53:00	49.4	51.2	46.8
30-Nov-08	16:58:00	49.7	51.5	46.9
Noise Level at R	17:03:00	53.0	57.2	46.7
30-Nov-08	17:08:00	51.6	54.1	46.8
30-Nov-08	17:13:00	51.1	52.8	46.9
30-Nov-08	17:18:00	49.9	52.0	46.9
30-Nov-08	17:23:00	51.4	55.2	46.8
30-Nov-08	17:28:00	51.6	52.8	47.0
30-Nov-08	17:33:00	54.3	57.3	46.9
30-Nov-08	17:38:00	49.4	51.2	46.9
30-Nov-08	17:43:00	49.7	50.5	46.6
30-Nov-08	17:48:00	50.9	52.9	46.5
30-Nov-08	17:53:00	50.4	53.1	46.8
30-Nov-08	17:58:00	52.0	52.6	47.0
30-Nov-08	18:03:00	48.3	49.3	46.1
30-Nov-08	18:08:00	49.1	50.6	46.4
30-Nov-08	18:13:00	49.4	50.8	47.0
30-Nov-08	18:18:00	49.7	51.4	46.9
30-Nov-08	18:23:00	48.5	50.2	46.7
30-Nov-08	18:28:00	47.8	48.9	46.4
30-Nov-08	18:33:00	50.0	51.4	47.0
30-Nov-08	18:38:00	48.7	49.7	47.0
30-Nov-08	18:43:00	53.2	56.5	47.5
30-Nov-08	18:48:00	49.6	50.7	48.0
30-Nov-08	18:53:00	52.6		48.2
30-Nov-08	18:58:00	49.3	50.8	47.1

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
30-Nov-08	19:03:00	49.5	51.2	47.1
30-Nov-08	19:08:00	49.4	51.0	47.1
30-Nov-08	19:13:00	48.6	50.1	46.8
30-Nov-08	19:18:00	48.5	49.9	46.1
30-Nov-08	19:23:00	49.6	49.8	46.8
30-Nov-08	19:28:00	51.8	55.1	47.0
30-Nov-08	19:33:00	47.7	48.7	46.3
30-Nov-08	19:38:00	54.6	59.3	46.8
30-Nov-08	19:43:00	51.4	53.2	46.8
30-Nov-08	19:48:00	49.1	50.7	46.3
30-Nov-08	19:53:00	51.2	54.9	46.9
30-Nov-08	19:58:00	48.3	49.9	46.3
30-Nov-08	20:03:00	50.3	51.4	46.9
30-Nov-08	20:08:00	48.8	50.7	46.3
30-Nov-08	20:13:00	56.8	58.6	46.5
30-Nov-08	20:18:00	47.6	48.7	46.2
30-Nov-08	20:23:00	48.8	49.9	47.3
30-Nov-08	20:28:00	48.8	50.4	47.2
30-Nov-08	20:33:00	55.7	58.5	46.9
30-Nov-08	20:38:00	52.6	55.7	46.1
30-Nov-08	20:43:00	47.4	48.5	46.1
30-Nov-08	20:48:00	50.5	50.6	46.2
30-Nov-08	20:53:00	49.8	51.5	46.1
30-Nov-08	20:58:00	47.9	49.1	46.2
30-Nov-08	21:03:00	49.8	51.7	47.0
30-Nov-08	21:08:00	50.5	52.6	46.3
30-Nov-08	21:13:00	49.2	51.9	46.9
30-Nov-08	21:18:00	48.9	51.3	46.5
30-Nov-08	21:23:00	55.2	56.9	46.8
30-Nov-08	21:28:00	47.5	48.5	46.3
30-Nov-08	21:33:00	51.3	53.4	46.0
30-Nov-08	21:38:00	48.5	48.1	45.9
30-Nov-08	21:43:00	47.5	48.7	46.1
30-Nov-08	21:48:00	55.8	58.3	46.7
30-Nov-08	21:53:00	48.0	49.4	46.0
30-Nov-08	21:58:00	47.7	49.0	46.0
30-Nov-08	22:03:00	46.8	47.6	45.8
30-Nov-08	22:08:00	46.9	47.9	45.8
30-Nov-08	22:13:00	50.3	52.7	46.1
30-Nov-08	22:18:00	48.5	49.3	46.8
30-Nov-08	22:23:00	48.5	49.6	46.1
30-Nov-08	22:28:00	48.5	49.6	47.1
30-Nov-08	22:33:00	47.8	48.6	46.9
30-Nov-08	22:38:00	46.7	47.7	45.8
30-Nov-08	22:43:00	46.4	47.3	45.6
30-Nov-08	22:48:00	47.6	48.0	45.9
30-Nov-08	22:53:00	47.4	48.7	45.8
30-Nov-08	22:58:00	48.4	49.0	46.0

Mean 54.7 57.5 48.6  
 Maximum 67.1 71.0 59.8  
 Minimum 46.4 47.3 45.6

**Appendix B2&B3**

**Evening Time and Holiday Noise Level at Rosaryhill School (NC6)**

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
1-Dec-08	19:03:00	51.4	53.3	48.1
1-Dec-08	19:08:00	51.6	54.2	48.3
1-Dec-08	19:13:00	50.7	52.7	48.1
1-Dec-08	19:18:00	49.8	50.9	48.0
1-Dec-08	19:23:00	52.6	55.3	48.6
1-Dec-08	19:28:00	54.7	57.8	48.6
1-Dec-08	19:33:00	56.1	59.6	47.9
1-Dec-08	19:38:00	55.3	56.9	49.1
1-Dec-08	19:43:00	55.2	58.9	48.3
1-Dec-08	19:48:00	50.7	51.7	48.0
1-Dec-08	19:53:00	53.2	54.8	49.0
1-Dec-08	19:58:00	57.4	59.8	47.6
1-Dec-08	20:03:00	47.7	48.9	46.4
1-Dec-08	20:08:00	50.9	51.8	46.2
1-Dec-08	20:13:00	50.4	54.5	46.4
1-Dec-08	20:18:00	50.7	50.7	46.2
1-Dec-08	20:23:00	47.8	48.9	46.1
1-Dec-08	20:28:00	48.8	50.6	45.9
1-Dec-08	20:33:00	48.0	49.5	45.9
1-Dec-08	20:38:00	48.0	49.6	46.1
1-Dec-08	20:43:00	52.4	55.9	45.9
1-Dec-08	20:48:00	48.6	50.9	46.0
1-Dec-08	20:53:00	47.1	48.4	45.8
1-Dec-08	20:58:00	47.8	49.2	46.0
1-Dec-08	21:03:00	49.0	50.1	46.1
1-Dec-08	21:08:00	47.8	48.6	46.9
1-Dec-08	21:13:00	49.4	51.1	47.2
1-Dec-08	21:18:00	49.1	50.2	46.7
1-Dec-08	21:23:00	52.6	52.0	46.5
1-Dec-08	21:28:00	47.0	48.1	45.8
1-Dec-08	21:33:00	48.3	50.8	46.0
1-Dec-08	21:38:00	51.1	54.3	45.9
1-Dec-08	21:43:00	51.0	52.5	46.3
1-Dec-08	21:48:00	46.8	47.7	45.8
1-Dec-08	21:53:00	47.2	48.1	45.5
1-Dec-08	21:58:00	49.9	52.3	46.0
1-Dec-08	22:03:00	54.4	56.2	45.8
1-Dec-08	22:08:00	49.4	52.3	45.8
1-Dec-08	22:13:00	48.8	50.9	45.7
1-Dec-08	22:18:00	47.2	48.5	45.8
1-Dec-08	22:23:00	46.5	47.6	45.2
1-Dec-08	22:28:00	46.1	46.8	45.1
1-Dec-08	22:33:00	46.2	47.1	45.0
1-Dec-08	22:38:00	45.8	46.6	44.9
1-Dec-08	22:43:00	45.9	46.7	44.9
1-Dec-08	22:48:00	46.5	47.5	45.4
1-Dec-08	22:53:00	47.4	48.3	46.5
1-Dec-08	22:58:00	48.4	49.9	46.8
	Mean	50.9	53.1	46.7
	Maximum	57.4	59.8	49.1
	Minimum	45.8	46.6	44.9

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
2-Dec-08	19:03:00	50.2	52.8	47.4
2-Dec-08	19:08:00	48.5	49.6	47.1
2-Dec-08	19:13:00	49.2	50.5	47.2
2-Dec-08	19:18:00	48.3	49.4	47.1
2-Dec-08	19:23:00	48.4	49.5	47.2
2-Dec-08	19:28:00	49.7	50.6	47.3
2-Dec-08	19:33:00	52.0	51.7	47.8
2-Dec-08	19:38:00	54.1	57.4	48.1
2-Dec-08	19:43:00	49.8	51.5	47.9
2-Dec-08	19:48:00	49.7	50.9	47.5
2-Dec-08	19:53:00	48.6	49.8	47.0
2-Dec-08	19:58:00	49.8	51.4	47.2
2-Dec-08	20:03:00	49.0	50.3	47.1
2-Dec-08	20:08:00	48.8	50.2	47.2
2-Dec-08	20:13:00	50.1	51.6	47.9
2-Dec-08	20:18:00	49.6	51.0	47.3
2-Dec-08	20:23:00	48.7	49.7	46.5
2-Dec-08	20:28:00	54.2	55.5	46.8
2-Dec-08	20:33:00	53.8	55.3	46.6
2-Dec-08	20:38:00	52.4	55.6	46.8
2-Dec-08	20:43:00	55.1	56.6	46.6
2-Dec-08	20:48:00	52.1	53.5	46.3
2-Dec-08	20:53:00	47.6	48.9	46.0
2-Dec-08	20:58:00	47.6	48.6	46.1
2-Dec-08	21:03:00	47.7	48.7	46.5
2-Dec-08	21:08:00	47.8	48.7	46.7
2-Dec-08	21:13:00	47.2	48.1	46.1
2-Dec-08	21:18:00	49.9	52.8	46.8
2-Dec-08	21:23:00	48.1	49.1	46.9
2-Dec-08	21:28:00	48.3	49.3	46.5
2-Dec-08	21:33:00	49.0	51.9	46.1
2-Dec-08	21:38:00	47.7	48.9	45.8
2-Dec-08	21:43:00	48.2	49.0	45.9
2-Dec-08	21:48:00	47.9	49.5	46.0
2-Dec-08	21:53:00	47.9	49.3	45.9
2-Dec-08	21:58:00	47.7	48.1	45.9
2-Dec-08	22:03:00	48.7	48.6	46.0
2-Dec-08	22:08:00	47.5	48.5	46.0
2-Dec-08	22:13:00	47.5	48.5	46.0
2-Dec-08	22:18:00	48.5	49.8	45.9
2-Dec-08	22:23:00	47.9	48.3	45.9
2-Dec-08	22:28:00	48.0	49.2	46.2
2-Dec-08	22:33:00	49.4	49.9	46.9
2-Dec-08	22:38:00	48.6	49.6	47.0
2-Dec-08	22:43:00	55.9	48.2	45.9
2-Dec-08	22:48:00	47.0	47.9	45.9
2-Dec-08	22:53:00	47.4	48.5	46.1
2-Dec-08	22:58:00	48.5	50.0	46.5
	Mean	50.1	51.3	46.7
	Maximum	55.9	57.4	48.1
	Minimum	47.0	47.9	45.8

**Appendix B2&B3**

**Evening Time and Holiday Noise Level at Rosaryhill School (NC6)**

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
3-Dec-08	19:03:00	55.4	56.6	48.2
3-Dec-08	19:08:00	52.2	54.9	48.0
3-Dec-08	19:13:00	53.7	57.5	48.4
3-Dec-08	19:18:00	49.6	50.7	47.6
3-Dec-08	19:23:00	55.1	57.1	48.2
3-Dec-08	19:28:00	56.5	59.5	48.9
3-Dec-08	19:33:00	58.2	60.3	48.0
3-Dec-08	19:38:00	61.2	65.9	48.2
3-Dec-08	19:43:00	57.2	58.5	47.8
3-Dec-08	19:48:00	54.6	60.1	47.9
3-Dec-08	19:53:00	50.4	52.0	48.0
3-Dec-08	19:58:00	54.2	56.4	47.8
3-Dec-08	20:03:00	53.7	56.0	48.8
3-Dec-08	20:08:00	57.9	62.2	49.6
3-Dec-08	20:13:00	60.2	64.2	49.8
3-Dec-08	20:18:00	58.6	62.5	49.0
3-Dec-08	20:23:00	52.1	55.8	47.2
3-Dec-08	20:28:00	54.2	56.4	47.1
3-Dec-08	20:33:00	57.7	61.9	47.3
3-Dec-08	20:38:00	55.0	58.6	47.0
3-Dec-08	20:43:00	53.8	58.4	46.9
3-Dec-08	20:48:00	51.7	55.5	46.6
3-Dec-08	20:53:00	53.1	55.9	47.5
3-Dec-08	20:58:00	56.9	60.2	49.8
3-Dec-08	21:03:00	56.5	59.3	48.2
3-Dec-08	21:08:00	52.7	57.0	46.3
3-Dec-08	21:13:00	56.1	59.5	47.9
3-Dec-08	21:18:00	51.6	55.2	46.9
3-Dec-08	21:23:00	57.0	61.2	48.2
3-Dec-08	21:28:00	57.3	61.9	47.2
3-Dec-08	21:33:00	55.5	58.9	48.1
3-Dec-08	21:38:00	55.8	60.6	46.8
3-Dec-08	21:43:00	53.1	56.3	46.8
3-Dec-08	21:48:00	51.7	54.9	47.3
3-Dec-08	21:53:00	54.6	58.7	47.3
3-Dec-08	21:58:00	58.2	62.3	49.7
3-Dec-08	22:03:00	58.2	62.4	47.7
3-Dec-08	22:08:00	58.0	62.3	48.7
3-Dec-08	22:13:00	58.1	61.5	50.3
3-Dec-08	22:18:00	55.9	59.6	46.9
3-Dec-08	22:23:00	57.3	61.6	48.0
3-Dec-08	22:28:00	47.5	48.7	46.0
3-Dec-08	22:33:00	51.7	55.6	46.7
3-Dec-08	22:38:00	51.7	55.5	46.2
3-Dec-08	22:43:00	55.7	59.4	48.0
3-Dec-08	22:48:00	50.7	53.6	46.9
3-Dec-08	22:53:00	48.6	49.9	46.8
3-Dec-08	22:58:00	54.1	56.0	46.8

Mean 55.8 59.5 47.9  
 Maximum 61.2 65.9 50.3  
 Minimum 47.5 48.7 46.0

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
4-Dec-08	19:03:00	52.7	54.6	50.0
4-Dec-08	19:08:00	54.5	55.8	48.4
4-Dec-08	19:13:00	62.9	65.0	48.6
4-Dec-08	19:18:00	58.2	60.8	48.8
4-Dec-08	19:23:00	57.6	55.4	48.2
4-Dec-08	19:28:00	53.8	57.8	47.9
4-Dec-08	19:33:00	51.6	54.2	47.8
4-Dec-08	19:38:00	54.9	59.1	48.6
4-Dec-08	19:43:00	52.0	53.6	48.4
4-Dec-08	19:48:00	57.4	59.4	48.0
4-Dec-08	19:53:00	55.9	59.7	47.1
4-Dec-08	19:58:00	56.9	61.4	47.9
4-Dec-08	20:03:00	48.5	49.6	47.0
4-Dec-08	20:08:00	49.6	51.9	46.8
4-Dec-08	20:13:00	47.9	48.8	46.5
4-Dec-08	20:18:00	55.0	58.6	47.2
4-Dec-08	20:23:00	53.7	54.3	46.7
4-Dec-08	20:28:00	49.4	51.9	46.1
4-Dec-08	20:33:00	47.7	48.9	46.1
4-Dec-08	20:38:00	47.5	48.6	46.0
4-Dec-08	20:43:00	49.3	49.8	46.2
4-Dec-08	20:48:00	54.4	57.3	46.1
4-Dec-08	20:53:00	49.7	51.6	46.6
4-Dec-08	20:58:00	55.3	56.1	47.4
4-Dec-08	21:03:00	54.0	50.3	46.9
4-Dec-08	21:08:00	49.7	50.3	45.5
4-Dec-08	21:13:00	49.1	50.7	45.8
4-Dec-08	21:18:00	48.9	50.2	45.8
4-Dec-08	21:23:00	51.3	52.4	45.7
4-Dec-08	21:28:00	53.8	53.6	46.4
4-Dec-08	21:33:00	48.5	51.4	45.8
4-Dec-08	21:38:00	54.6	57.6	45.7
4-Dec-08	21:43:00	51.0	52.3	45.8
4-Dec-08	21:48:00	48.9	50.1	45.6
4-Dec-08	21:53:00	46.6	47.6	45.4
4-Dec-08	21:58:00	47.2	48.7	45.8
4-Dec-08	22:03:00	59.1	59.5	46.1
4-Dec-08	22:08:00	47.1	48.2	45.8
4-Dec-08	22:13:00	50.3	51.4	46.1
4-Dec-08	22:18:00	48.3	50.0	46.3
4-Dec-08	22:23:00	47.6	49.0	46.1
4-Dec-08	22:28:00	48.5	51.0	46.2
4-Dec-08	22:33:00	51.2	53.5	46.8
4-Dec-08	22:38:00	48.5	49.5	46.3
4-Dec-08	22:43:00	48.1	49.3	46.8
4-Dec-08	22:48:00	51.7	55.0	46.9
4-Dec-08	22:53:00	47.9	48.7	46.8
4-Dec-08	22:58:00	50.3	51.7	47.0

Mean 53.6 55.6 46.9  
 Maximum 62.9 65.0 50.0  
 Minimum 46.6 47.6 45.4

**Appendix B2&B3**

**Evening Time and Holiday Noise Level at Rosaryhill School (NC6)**

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
5-Dec-08	19:03:00	50.8	53.0	47.4
5-Dec-08	19:08:00	54.1	55.1	47.1
5-Dec-08	19:13:00	52.1	54.9	47.8
5-Dec-08	19:18:00	53.1	55.4	47.7
5-Dec-08	19:23:00	53.8	52.5	47.0
5-Dec-08	19:28:00	55.7	58.3	47.1
5-Dec-08	19:33:00	55.5	58.2	47.0
5-Dec-08	19:38:00	54.5	57.9	46.9
5-Dec-08	19:43:00	54.9	58.2	47.8
5-Dec-08	19:48:00	52.6	55.1	47.8
5-Dec-08	19:53:00	50.1	52.5	47.0
5-Dec-08	19:58:00	57.3	59.7	47.0
5-Dec-08	20:03:00	53.5	56.0	47.0
5-Dec-08	20:08:00	49.4	49.8	46.6
5-Dec-08	20:13:00	52.1	55.5	47.1
5-Dec-08	20:18:00	56.5	61.0	47.8
5-Dec-08	20:23:00	49.3	50.7	46.8
5-Dec-08	20:28:00	48.0	49.8	46.3
5-Dec-08	20:33:00	57.6	60.9	47.1
5-Dec-08	20:38:00	55.0	57.0	47.0
5-Dec-08	20:43:00	48.7	49.0	46.6
5-Dec-08	20:48:00	55.6	57.7	46.8
5-Dec-08	20:53:00	54.9	57.5	46.6
5-Dec-08	20:58:00	47.9	48.7	46.1
5-Dec-08	21:03:00	49.3	52.0	46.6
5-Dec-08	21:08:00	49.6	50.9	46.8
5-Dec-08	21:13:00	53.3	50.4	47.1
5-Dec-08	21:18:00	47.9	48.7	46.9
5-Dec-08	21:23:00	51.3	53.8	46.8
5-Dec-08	21:28:00	46.9	47.7	45.9
5-Dec-08	21:33:00	46.6	47.6	45.3
5-Dec-08	21:38:00	52.6	56.4	45.2
5-Dec-08	21:43:00	55.3	59.9	46.4
5-Dec-08	21:48:00	55.5	58.9	45.9
5-Dec-08	21:53:00	47.1	47.8	45.3
5-Dec-08	21:58:00	48.3	50.1	45.9
5-Dec-08	22:03:00	54.9	58.4	45.8
5-Dec-08	22:08:00	47.0	48.2	45.8
5-Dec-08	22:13:00	49.7	52.9	45.8
5-Dec-08	22:18:00	50.4	52.5	45.3
5-Dec-08	22:23:00	49.2	51.2	45.5
5-Dec-08	22:28:00	50.5	50.2	45.9
5-Dec-08	22:33:00	46.8	48.2	45.4
5-Dec-08	22:38:00	46.9	47.8	45.5
5-Dec-08	22:43:00	47.0	48.3	45.6
5-Dec-08	22:48:00	52.1	52.1	46.0
5-Dec-08	22:53:00	47.4	48.6	45.6
5-Dec-08	22:58:00	46.5	47.7	45.1
	Mean	52.6	55.2	46.5
	Maximum	57.6	61.0	47.8
	Minimum	46.5	47.6	45.1

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
6-Dec-08	19:03:00	51.2	53.7	48.0
6-Dec-08	19:08:00	50.7	52.2	48.0
6-Dec-08	19:13:00	54.0	58.0	47.2
6-Dec-08	19:18:00	48.1	49.3	46.9
6-Dec-08	19:23:00	52.2	53.3	47.0
6-Dec-08	19:28:00	49.0	50.6	47.0
6-Dec-08	19:33:00	52.9	56.8	47.0
6-Dec-08	19:38:00	50.0	52.6	47.0
6-Dec-08	19:43:00	50.9	52.1	46.8
6-Dec-08	19:48:00	48.6	49.6	46.9
6-Dec-08	19:53:00	52.1	50.7	47.0
6-Dec-08	19:58:00	49.7	52.7	46.8
6-Dec-08	20:03:00	48.9	50.6	46.5
6-Dec-08	20:08:00	52.8	51.9	46.8
6-Dec-08	20:13:00	50.7	53.3	46.8
6-Dec-08	20:18:00	49.4	52.5	46.8
6-Dec-08	20:23:00	47.8	48.8	46.2
6-Dec-08	20:28:00	51.7	54.5	47.2
6-Dec-08	20:33:00	52.7	55.3	47.4
6-Dec-08	20:38:00	47.9	49.0	46.6
6-Dec-08	20:43:00	47.5	48.6	46.1
6-Dec-08	20:48:00	57.6	61.9	46.5
6-Dec-08	20:53:00	48.1	49.6	46.0
6-Dec-08	20:58:00	54.8	57.6	46.1
6-Dec-08	21:03:00	49.4	51.7	45.9
6-Dec-08	21:08:00	54.5	52.3	45.8
6-Dec-08	21:13:00	49.4	50.7	45.8
6-Dec-08	21:18:00	47.8	49.4	45.9
6-Dec-08	21:23:00	49.0	50.8	45.9
6-Dec-08	21:28:00	46.7	47.7	45.1
6-Dec-08	21:33:00	49.5	52.2	45.6
6-Dec-08	21:38:00	53.2	53.4	45.7
6-Dec-08	21:43:00	46.9	47.7	45.1
6-Dec-08	21:48:00	47.2	48.6	45.2
6-Dec-08	21:53:00	50.6	54.4	45.3
6-Dec-08	21:58:00	46.2	47.1	45.1
6-Dec-08	22:03:00	48.9	50.4	45.5
6-Dec-08	22:08:00	52.0	55.2	45.9
6-Dec-08	22:13:00	47.4	48.5	46.2
6-Dec-08	22:18:00	47.9	49.2	46.1
6-Dec-08	22:23:00	47.6	48.9	45.9
6-Dec-08	22:28:00	50.2	52.9	45.2
6-Dec-08	22:33:00	46.6	47.6	45.4
6-Dec-08	22:38:00	47.0	47.9	45.4
6-Dec-08	22:43:00	47.8	49.0	45.7
6-Dec-08	22:48:00	47.0	47.9	45.4
6-Dec-08	22:53:00	46.6	47.6	45.1
6-Dec-08	22:58:00	51.7	51.4	45.2
	Mean	50.7	52.9	46.3
	Maximum	57.6	61.9	48.0
	Minimum	46.2	47.1	45.1

**Appendix B2&B3**

**Evening Time and Holiday Noise Level at Rosaryhill School (NC6)**

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
7-Dec-08	07:03:00	54.9	59.2	46.9
7-Dec-08	07:08:00	48.3	50.2	45.9
7-Dec-08	07:13:00	51.1	52.7	46.2
7-Dec-08	07:18:00	49.2	51.2	46.2
7-Dec-08	07:23:00	54.1	56.7	46.8
7-Dec-08	07:28:00	55.5	57.7	46.1
7-Dec-08	07:33:00	58.2	60.6	46.7
7-Dec-08	07:38:00	61.0	56.5	45.9
7-Dec-08	07:43:00	53.0	55.6	46.9
7-Dec-08	07:48:00	51.1	53.3	46.1
7-Dec-08	07:53:00	51.4	54.0	46.8
7-Dec-08	07:58:00	55.1	57.0	49.3
7-Dec-08	08:03:00	60.1	63.2	49.4
7-Dec-08	08:08:00	55.4	57.5	51.3
7-Dec-08	08:13:00	56.5	59.5	51.1
7-Dec-08	08:18:00	56.2	59.0	50.4
7-Dec-08	08:23:00	56.6	59.7	48.7
7-Dec-08	08:28:00	59.2	63.9	48.2
7-Dec-08	08:33:00	61.9	65.0	50.9
7-Dec-08	08:38:00	58.7	61.7	51.6
7-Dec-08	08:43:00	64.0	67.6	51.9
7-Dec-08	08:48:00	60.7	63.3	52.9
7-Dec-08	08:53:00	61.6	62.9	52.4
7-Dec-08	08:58:00	60.2	63.6	52.6
7-Dec-08	09:03:00	62.6	65.5	54.5
7-Dec-08	09:08:00	65.5	69.0	53.2
7-Dec-08	09:13:00	67.0	70.0	60.6
7-Dec-08	09:18:00	66.9	69.7	59.8
7-Dec-08	09:23:00	63.6	66.2	58.3
7-Dec-08	09:28:00	65.9	68.9	59.7
7-Dec-08	09:33:00	65.2	68.5	59.0
7-Dec-08	09:38:00	66.1	68.8	58.9
7-Dec-08	09:43:00	66.5	69.3	58.9
7-Dec-08	09:48:00	67.6	70.2	62.1
7-Dec-08	09:53:00	67.9	69.6	60.1
7-Dec-08	09:58:00	65.5	68.5	59.5
7-Dec-08	10:03:00	66.3	69.5	59.3
7-Dec-08	10:08:00	66.8	69.2	58.5
7-Dec-08	10:13:00	67.9	71.1	60.2
7-Dec-08	10:18:00	69.7	72.6	58.6
7-Dec-08	10:23:00	66.6	69.7	58.0
7-Dec-08	10:28:00	65.5	67.2	57.8
7-Dec-08	10:33:00	65.2	67.9	59.2
7-Dec-08	10:38:00	65.8	68.9	59.1
7-Dec-08	10:43:00	66.3	69.1	60.8
7-Dec-08	10:48:00	68.3	71.0	62.3
7-Dec-08	10:53:00	70.3	73.5	62.5
7-Dec-08	10:58:00	66.0	68.8	60.8

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
7-Dec-08	11:03:00	64.8	67.5	59.4
7-Dec-08	11:08:00	66.4	69.1	60.2
7-Dec-08	11:13:00	66.0	68.3	61.5
7-Dec-08	11:18:00	65.9	68.7	59.9
7-Dec-08	11:23:00	67.9	69.8	61.3
7-Dec-08	11:28:00	65.9	68.5	60.3
7-Dec-08	11:33:00	65.5	67.2	59.5
7-Dec-08	11:38:00	66.8	69.6	60.7
7-Dec-08	11:43:00	69.5	69.4	59.3
7-Dec-08	11:48:00	65.3	68.1	59.6
7-Dec-08	11:53:00	63.3	65.8	57.8
7-Dec-08	11:58:00	64.8	67.2	58.0
7-Dec-08	12:03:00	65.3	67.4	57.9
7-Dec-08	12:08:00	63.1	65.3	58.2
7-Dec-08	12:13:00	66.0	69.1	59.9
7-Dec-08	12:18:00	65.9	68.1	59.0
7-Dec-08	12:23:00	65.7	68.5	61.0
7-Dec-08	12:28:00	66.8	68.8	62.0
7-Dec-08	12:33:00	66.4	68.4	60.2
7-Dec-08	12:38:00	64.7	67.0	60.4
7-Dec-08	12:43:00	65.4	68.1	59.8
7-Dec-08	12:48:00	66.3	68.5	59.4
7-Dec-08	12:53:00	63.7	66.4	58.8
7-Dec-08	12:58:00	65.2	67.7	60.4
7-Dec-08	13:03:00	64.0	66.2	59.5
7-Dec-08	13:08:00	65.0	67.8	60.2
7-Dec-08	13:13:00	65.9	68.5	61.1
7-Dec-08	13:18:00	64.4	67.4	59.2
7-Dec-08	13:23:00	69.8	72.9	63.8
7-Dec-08	13:28:00	68.7	70.7	62.9
7-Dec-08	13:33:00	65.5	67.8	61.2
7-Dec-08	13:38:00	66.8	70.1	60.8
7-Dec-08	13:43:00	67.7	68.9	61.6
7-Dec-08	13:48:00	68.0	70.7	61.2
7-Dec-08	13:53:00	64.6	67.4	58.3
7-Dec-08	13:58:00	62.3	64.4	58.8
7-Dec-08	14:03:00	62.7	65.8	58.1
7-Dec-08	14:08:00	61.6	64.0	57.4
7-Dec-08	14:13:00	63.1	65.4	58.0
7-Dec-08	14:18:00	64.8	67.0	56.9
7-Dec-08	14:23:00	60.4	62.6	56.1
7-Dec-08	14:28:00	62.4	65.3	57.3
7-Dec-08	14:33:00	63.4	66.4	59.2
7-Dec-08	14:38:00	63.5	66.3	58.9
7-Dec-08	14:43:00	65.0	68.1	59.1
7-Dec-08	14:48:00	66.8	69.7	61.1
7-Dec-08	14:53:00	67.1	69.6	60.0
7-Dec-08	14:58:00	65.7	68.4	59.4



**Appendix B2&B3**

**Evening Time and Holiday Noise Level at Rosaryhill School (NC6)**

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
7-Dec-08	15:03:00	68.7	71.3	61.8
7-Dec-08	15:08:00	67.0	69.1	61.3
7-Dec-08	15:13:00	67.5	70.3	61.3
7-Dec-08	15:18:00	66.3	69.0	60.8
7-Dec-08	15:23:00	68.1	69.8	60.6
7-Dec-08	15:28:00	68.1	68.3	59.1
7-Dec-08	15:33:00	66.6	70.6	57.3
7-Dec-08	15:38:00	62.1	65.1	53.1
7-Dec-08	15:43:00	60.5	64.5	51.9
7-Dec-08	15:48:00	60.6	64.0	53.5
7-Dec-08	15:53:00	60.6	64.2	53.8
7-Dec-08	15:58:00	57.2	60.1	52.1
7-Dec-08	16:03:00	63.7	67.0	55.3
7-Dec-08	16:08:00	64.7	67.7	57.7
7-Dec-08	16:13:00	56.3	59.7	50.1
7-Dec-08	16:18:00	62.0	66.5	52.1
7-Dec-08	16:23:00	57.7	60.9	50.9
7-Dec-08	16:28:00	59.7	63.0	52.2
7-Dec-08	16:33:00	56.0	58.7	52.0
7-Dec-08	16:38:00	53.5	56.2	50.0
7-Dec-08	16:43:00	55.6	59.0	50.2
7-Dec-08	16:48:00	55.6	58.7	49.6
7-Dec-08	16:53:00	60.9	64.5	50.0
7-Dec-08	16:58:00	57.6	60.6	50.6
7-Dec-08	17:03:00	54.4	57.6	48.4
7-Dec-08	17:08:00	58.6	63.2	47.0
7-Dec-08	17:13:00	52.4	56.0	46.9
7-Dec-08	17:18:00	54.7	56.6	46.6
7-Dec-08	17:23:00	48.9	51.0	46.4
7-Dec-08	17:28:00	53.6	55.4	46.4
7-Dec-08	17:33:00	48.3	49.8	46.1
7-Dec-08	17:38:00	55.0	58.8	46.3
7-Dec-08	17:43:00	51.4	49.7	46.9
7-Dec-08	17:48:00	53.6	53.2	47.3
7-Dec-08	17:53:00	53.9	57.7	48.0
7-Dec-08	17:58:00	52.1	55.6	47.4
7-Dec-08	18:03:00	53.9	56.6	47.1
7-Dec-08	18:08:00	51.9	54.8	48.1
7-Dec-08	18:13:00	49.0	50.2	47.0
7-Dec-08	18:18:00	51.2	54.3	47.1
7-Dec-08	18:23:00	52.6	54.8	46.9
7-Dec-08	18:28:00	50.4	51.5	46.9
7-Dec-08	18:33:00	49.0	50.6	46.9
7-Dec-08	18:38:00	56.8	51.8	47.0
7-Dec-08	18:43:00	54.5	58.9	46.8
7-Dec-08	18:48:00	53.4	56.7	48.4
7-Dec-08	18:53:00	50.5	52.4	48.0
7-Dec-08	18:58:00	49.4	51.2	47.0

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
7-Dec-08	19:03:00	51.9	53.4	46.6
7-Dec-08	19:08:00	48.3	49.7	46.8
7-Dec-08	19:13:00	52.1	55.4	47.0
7-Dec-08	19:18:00	52.2	54.5	47.2
7-Dec-08	19:23:00	54.5	55.6	47.0
7-Dec-08	19:28:00	53.3	57.5	47.2
7-Dec-08	19:33:00	52.2	55.0	47.1
7-Dec-08	19:38:00	52.6	55.7	46.3
7-Dec-08	19:43:00	54.4	55.6	46.2
7-Dec-08	19:48:00	50.3	51.8	46.0
7-Dec-08	19:53:00	55.7	58.8	46.2
7-Dec-08	19:58:00	49.5	52.1	46.2
7-Dec-08	20:03:00	47.9	49.3	46.1
7-Dec-08	20:08:00	48.0	49.9	45.9
7-Dec-08	20:13:00	47.2	48.4	46.0
7-Dec-08	20:18:00	47.9	49.5	46.0
7-Dec-08	20:23:00	51.0	54.1	46.2
7-Dec-08	20:28:00	48.4	49.0	46.1
7-Dec-08	20:33:00	47.2	48.3	45.9
7-Dec-08	20:38:00	49.1	50.2	47.6
7-Dec-08	20:43:00	49.1	50.7	47.5
7-Dec-08	20:48:00	56.1	58.9	47.2
7-Dec-08	20:53:00	52.9	56.1	46.4
7-Dec-08	20:58:00	47.7	48.8	46.4
7-Dec-08	21:03:00	50.8	50.9	46.5
7-Dec-08	21:08:00	50.1	51.8	46.4
7-Dec-08	21:13:00	48.2	49.4	46.5
7-Dec-08	21:18:00	50.1	52.0	47.3
7-Dec-08	21:23:00	50.8	52.9	46.6
7-Dec-08	21:28:00	49.5	52.2	47.2
7-Dec-08	21:33:00	49.2	51.6	46.8
7-Dec-08	21:38:00	55.6	57.3	47.1
7-Dec-08	21:43:00	47.8	48.8	46.6
7-Dec-08	21:48:00	51.6	53.7	46.3
7-Dec-08	21:53:00	48.8	48.4	46.2
7-Dec-08	21:58:00	47.8	49.0	46.4
7-Dec-08	22:03:00	56.2	58.7	47.0
7-Dec-08	22:08:00	48.3	49.7	46.3
7-Dec-08	22:13:00	48.0	49.3	46.3
7-Dec-08	22:18:00	47.1	47.9	46.1
7-Dec-08	22:23:00	47.2	48.2	46.1
7-Dec-08	22:28:00	50.6	53.0	46.4
7-Dec-08	22:33:00	48.8	49.6	47.1
7-Dec-08	22:38:00	48.8	49.9	46.4
7-Dec-08	22:43:00	48.8	49.9	47.4
7-Dec-08	22:48:00	48.1	48.9	47.2
7-Dec-08	22:53:00	47.0	48.0	46.1
7-Dec-08	22:58:00	46.7	47.6	45.9

Mean 63.0 65.6 56.5  
 Maximum 70.3 73.5 63.8  
 Minimum 46.7 47.6 45.9

**Appendix B2&B3**

**Evening Time and Holiday Noise Level at Rosaryhill School (NC6)**

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
8-Dec-08	19:03:00	50.4	51.4	48.7
8-Dec-08	19:08:00	53.6	56.1	50.2
8-Dec-08	19:13:00	54.3	54.2	49.7
8-Dec-08	19:18:00	53.3	53.2	49.4
8-Dec-08	19:23:00	49.7	50.9	48.4
8-Dec-08	19:28:00	50.7	51.9	48.5
8-Dec-08	19:33:00	51.4	53.1	48.6
8-Dec-08	19:38:00	54.1	54.2	48.6
8-Dec-08	19:43:00	51.1	53.4	48.6
8-Dec-08	19:48:00	53.0	54.4	48.7
8-Dec-08	19:53:00	50.0	50.8	48.3
8-Dec-08	19:58:00	51.5	53.1	48.8
8-Dec-08	20:03:00	52.8	54.6	48.7
8-Dec-08	20:08:00	51.1	52.5	48.8
8-Dec-08	20:13:00	53.7	56.4	48.9
8-Dec-08	20:18:00	52.3	54.7	49.2
8-Dec-08	20:23:00	50.8	52.1	49.1
8-Dec-08	20:28:00	53.3	55.6	49.5
8-Dec-08	20:33:00	51.8	53.4	49.3
8-Dec-08	20:38:00	51.8	53.6	48.8
8-Dec-08	20:43:00	53.0	54.9	49.5
8-Dec-08	20:48:00	53.3	55.5	49.9
8-Dec-08	20:53:00	50.9	52.3	48.7
8-Dec-08	20:58:00	53.8	55.8	48.9
8-Dec-08	21:03:00	54.9	56.2	49.6
8-Dec-08	21:08:00	50.1	51.4	48.3
8-Dec-08	21:13:00	52.8	53.9	49.3
8-Dec-08	21:18:00	56.9	60.7	49.4
8-Dec-08	21:23:00	52.9	55.4	49.7
8-Dec-08	21:28:00	51.0	52.8	48.7
8-Dec-08	21:33:00	52.8	54.9	49.4
8-Dec-08	21:38:00	51.4	52.7	48.6
8-Dec-08	21:43:00	50.3	52.0	48.5
8-Dec-08	21:48:00	52.0	53.4	49.3
8-Dec-08	21:53:00	53.5	56.0	49.5
8-Dec-08	21:58:00	52.2	54.8	49.1
8-Dec-08	22:03:00	52.5	54.2	49.5
8-Dec-08	22:08:00	50.6	51.8	48.9
8-Dec-08	22:13:00	50.6	52.0	49.1
8-Dec-08	22:18:00	54.2	56.7	50.4
8-Dec-08	22:23:00	54.7	57.7	49.9
8-Dec-08	22:28:00	52.6	54.7	49.5
8-Dec-08	22:33:00	52.6	54.7	50.2
8-Dec-08	22:38:00	51.4	53.1	48.8
8-Dec-08	22:43:00	51.9	53.9	49.3
8-Dec-08	22:48:00	52.0	53.8	49.0
8-Dec-08	22:53:00	54.3	55.3	48.3
8-Dec-08	22:58:00	51.1	52.8	49.3

Mean 52.6 54.5 49.1  
 Maximum 56.9 60.7 50.4  
 Minimum 49.7 50.8 48.3

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
9-Dec-08	19:03:00	52.0	52.6	50.3
9-Dec-08	19:08:00	54.5	54.4	49.8
9-Dec-08	19:13:00	54.1	56.6	50.3
9-Dec-08	19:18:00	50.7	51.9	49.4
9-Dec-08	19:23:00	50.6	53.3	47.8
9-Dec-08	19:28:00	48.9	50.0	47.5
9-Dec-08	19:33:00	49.6	50.9	47.6
9-Dec-08	19:38:00	48.7	49.8	47.5
9-Dec-08	19:43:00	48.8	49.9	47.6
9-Dec-08	19:48:00	50.1	51.1	47.7
9-Dec-08	19:53:00	52.5	52.2	48.2
9-Dec-08	19:58:00	54.6	57.9	48.5
9-Dec-08	20:03:00	50.2	52.0	48.3
9-Dec-08	20:08:00	50.1	51.4	47.9
9-Dec-08	20:13:00	49.0	50.2	47.4
9-Dec-08	20:18:00	50.2	51.9	47.6
9-Dec-08	20:23:00	49.4	50.7	47.5
9-Dec-08	20:28:00	49.2	50.6	47.6
9-Dec-08	20:33:00	50.5	52.1	48.3
9-Dec-08	20:38:00	50.0	51.5	47.7
9-Dec-08	20:43:00	49.1	50.1	46.9
9-Dec-08	20:48:00	54.7	56.0	47.2
9-Dec-08	20:53:00	54.3	55.8	47.0
9-Dec-08	20:58:00	52.9	56.1	47.2
9-Dec-08	21:03:00	55.6	57.1	47.0
9-Dec-08	21:08:00	52.6	54.0	46.7
9-Dec-08	21:13:00	48.0	49.3	46.4
9-Dec-08	21:18:00	48.0	49.0	46.5
9-Dec-08	21:23:00	48.1	49.1	46.9
9-Dec-08	21:28:00	48.2	49.1	47.1
9-Dec-08	21:33:00	47.6	48.5	46.5
9-Dec-08	21:38:00	50.3	53.3	47.2
9-Dec-08	21:43:00	48.5	49.5	47.3
9-Dec-08	21:48:00	48.7	49.7	46.9
9-Dec-08	21:53:00	49.4	52.4	46.5
9-Dec-08	21:58:00	48.1	49.3	46.2
9-Dec-08	22:03:00	48.6	49.4	46.3
9-Dec-08	22:08:00	48.3	49.9	46.4
9-Dec-08	22:13:00	48.2	49.6	46.2
9-Dec-08	22:18:00	48.0	48.4	46.2
9-Dec-08	22:23:00	49.0	48.9	46.3
9-Dec-08	22:28:00	47.8	48.8	46.3
9-Dec-08	22:33:00	47.8	48.8	46.3
9-Dec-08	22:38:00	48.8	50.1	46.2
9-Dec-08	22:43:00	48.2	48.6	46.2
9-Dec-08	22:48:00	48.3	49.5	46.5
9-Dec-08	22:53:00	49.7	50.2	47.2
9-Dec-08	22:58:00	48.9	49.9	47.3

Mean 50.6 52.1 47.5  
 Maximum 55.6 57.9 50.3  
 Minimum 47.6 48.4 46.2

Evening Time and Holiday Noise Level at Rosaryhill School (NC6)			
	Leq	L10	L90
Mean	57.4	60.0	51.3
Max	70.3	73.5	63.8
Min	45.8	46.6	44.9

## Appendix B2&B3

### Evening Time and Holiday Noise Level at The Harbour View (NC10)

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
9-Dec-08	19:03:00	69.4	72.8	57.8
9-Dec-08	19:08:00	71.5	74.3	65.4
9-Dec-08	19:13:00	72.2	74.9	64.2
9-Dec-08	19:18:00	71.3	74.0	61.0
9-Dec-08	19:23:00	71.1	73.7	64.9
9-Dec-08	19:28:00	70.6	73.2	63.5
9-Dec-08	19:33:00	70.3	73.5	61.9
9-Dec-08	19:38:00	70.8	73.7	61.7
9-Dec-08	19:43:00	70.0	73.0	61.0
9-Dec-08	19:48:00	71.2	74.2	63.0
9-Dec-08	19:53:00	69.6	72.9	56.2
9-Dec-08	19:58:00	70.7	73.6	63.0
9-Dec-08	20:03:00	69.1	72.9	55.9
9-Dec-08	20:08:00	69.9	73.3	58.7
9-Dec-08	20:13:00	69.0	73.3	56.7
9-Dec-08	20:18:00	67.5	71.8	55.1
9-Dec-08	20:23:00	70.1	73.2	57.5
9-Dec-08	20:28:00	69.0	72.2	57.3
9-Dec-08	20:33:00	72.6	73.8	56.2
9-Dec-08	20:38:00	69.0	72.3	55.2
9-Dec-08	20:43:00	67.6	71.9	57.2
9-Dec-08	20:48:00	68.3	72.7	55.3
9-Dec-08	20:53:00	69.0	72.7	55.6
9-Dec-08	20:58:00	68.8	72.2	54.9
9-Dec-08	21:03:00	67.5	71.5	56.5
9-Dec-08	21:08:00	69.6	72.7	55.6
9-Dec-08	21:13:00	67.5	71.7	54.7
9-Dec-08	21:18:00	68.9	72.3	56.8
9-Dec-08	21:23:00	67.7	71.7	58.3
9-Dec-08	21:28:00	67.5	71.1	57.2
9-Dec-08	21:33:00	68.1	72.0	54.9
9-Dec-08	21:38:00	67.0	71.3	53.5
9-Dec-08	21:43:00	66.3	70.9	54.7
9-Dec-08	21:48:00	70.8	71.8	54.4
9-Dec-08	21:53:00	67.5	71.9	54.4
9-Dec-08	21:58:00	68.3	71.8	54.8
9-Dec-08	22:03:00	68.5	72.4	55.6
9-Dec-08	22:08:00	67.6	71.9	56.7
9-Dec-08	22:13:00	69.7	72.8	57.7
9-Dec-08	22:18:00	66.4	70.6	54.6
9-Dec-08	22:23:00	69.7	73.4	54.8
9-Dec-08	22:28:00	68.2	71.9	54.4
9-Dec-08	22:33:00	70.2	73.3	55.0
9-Dec-08	22:38:00	67.0	71.6	55.3
9-Dec-08	22:43:00	67.3	71.4	53.5
9-Dec-08	22:48:00	67.5	70.7	53.1
9-Dec-08	22:53:00	67.6	71.6	54.4
9-Dec-08	22:58:00	65.2	70.4	53.3

Mean 69.3 72.6 58.7  
Maximum 72.6 74.9 65.4  
Minimum 65.2 70.4 53.1

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
10-Dec-08	19:03:00	71.9	74.0	64.3
10-Dec-08	19:08:00	72.0	74.5	63.5
10-Dec-08	19:13:00	70.7	73.0	65.1
10-Dec-08	19:18:00	70.8	73.3	61.9
10-Dec-08	19:23:00	71.6	73.8	65.1
10-Dec-08	19:28:00	71.8	74.7	64.2
10-Dec-08	19:33:00	70.7	73.3	65.2
10-Dec-08	19:38:00	70.6	72.7	66.2
10-Dec-08	19:43:00	70.6	73.5	60.7
10-Dec-08	19:48:00	71.1	74.2	63.8
10-Dec-08	19:53:00	71.2	74.2	61.2
10-Dec-08	19:58:00	69.7	73.5	58.7
10-Dec-08	20:03:00	69.0	72.5	54.5
10-Dec-08	20:08:00	70.1	73.3	59.2
10-Dec-08	20:13:00	69.8	73.1	58.9
10-Dec-08	20:18:00	69.7	73.0	56.3
10-Dec-08	20:23:00	69.3	72.9	57.2
10-Dec-08	20:28:00	69.9	73.1	55.5
10-Dec-08	20:33:00	68.1	71.7	57.4
10-Dec-08	20:38:00	69.3	73.3	57.7
10-Dec-08	20:43:00	68.8	72.9	55.4
10-Dec-08	20:48:00	70.1	73.1	57.9
10-Dec-08	20:53:00	69.6	73.0	56.1
10-Dec-08	20:58:00	67.8	71.9	57.2
10-Dec-08	21:03:00	68.3	72.0	56.0
10-Dec-08	21:08:00	68.4	72.7	54.8
10-Dec-08	21:13:00	69.0	71.9	56.4
10-Dec-08	21:18:00	69.5	72.8	56.4
10-Dec-08	21:23:00	67.6	71.8	56.1
10-Dec-08	21:28:00	68.1	72.1	55.4
10-Dec-08	21:33:00	68.7	72.7	57.3
10-Dec-08	21:38:00	67.6	71.5	54.6
10-Dec-08	21:43:00	68.9	72.7	56.4
10-Dec-08	21:48:00	69.4	72.6	55.6
10-Dec-08	21:53:00	67.6	72.0	53.9
10-Dec-08	21:58:00	67.1	71.4	55.9
10-Dec-08	22:03:00	68.1	72.5	54.5
10-Dec-08	22:08:00	68.8	72.3	55.2
10-Dec-08	22:13:00	68.9	72.9	54.9
10-Dec-08	22:18:00	69.6	72.6	53.8
10-Dec-08	22:23:00	70.7	72.5	54.4
10-Dec-08	22:28:00	66.6	70.9	55.5
10-Dec-08	22:33:00	68.2	72.4	55.0
10-Dec-08	22:38:00	67.4	71.5	55.5
10-Dec-08	22:43:00	68.3	71.6	55.1
10-Dec-08	22:48:00	68.6	72.6	56.2
10-Dec-08	22:53:00	68.1	71.6	58.2
10-Dec-08	22:58:00	68.3	71.5	53.5

Mean 69.5 72.8 59.6  
Maximum 72.0 74.7 66.2  
Minimum 66.6 70.9 53.5

## Appendix B2&B3

### Evening Time and Holiday Noise Level at The Harbour View (NC10)

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
11-Dec-08	19:03:00	71.2	73.8	64.3
11-Dec-08	19:08:00	71.1	73.7	63.6
11-Dec-08	19:13:00	70.8	73.8	61.4
11-Dec-08	19:18:00	70.1	73.3	61.7
11-Dec-08	19:23:00	73.1	74.6	61.5
11-Dec-08	19:28:00	72.2	73.5	61.8
11-Dec-08	19:33:00	70.4	73.4	60.4
11-Dec-08	19:38:00	71.3	73.9	62.8
11-Dec-08	19:43:00	70.2	73.1	62.0
11-Dec-08	19:48:00	69.8	73.1	59.1
11-Dec-08	19:53:00	70.1	73.4	57.4
11-Dec-08	19:58:00	70.3	73.6	57.6
11-Dec-08	20:03:00	69.6	72.9	58.5
11-Dec-08	20:08:00	67.7	71.7	56.4
11-Dec-08	20:13:00	68.8	72.5	58.9
11-Dec-08	20:18:00	69.5	72.6	56.6
11-Dec-08	20:23:00	69.4	72.6	55.7
11-Dec-08	20:28:00	69.7	73.6	56.4
11-Dec-08	20:33:00	68.3	72.0	56.4
11-Dec-08	20:38:00	69.5	73.0	58.9
11-Dec-08	20:43:00	68.3	72.2	56.4
11-Dec-08	20:48:00	69.3	72.5	58.4
11-Dec-08	20:53:00	67.2	71.5	55.1
11-Dec-08	20:58:00	69.6	72.5	54.6
11-Dec-08	21:03:00	68.7	72.7	57.1
11-Dec-08	21:08:00	68.1	72.2	54.7
11-Dec-08	21:13:00	68.6	72.5	57.4
11-Dec-08	21:18:00	67.9	71.7	55.2
11-Dec-08	21:23:00	67.1	71.8	54.6
11-Dec-08	21:28:00	69.2	72.4	54.1
11-Dec-08	21:33:00	66.1	70.3	54.0
11-Dec-08	21:38:00	68.3	72.1	56.5
11-Dec-08	21:43:00	68.6	72.6	55.7
11-Dec-08	21:48:00	68.3	72.1	56.2
11-Dec-08	21:53:00	69.2	73.1	57.3
11-Dec-08	21:58:00	68.7	72.6	56.7
11-Dec-08	22:03:00	68.3	72.3	53.6
11-Dec-08	22:08:00	69.5	73.0	56.6
11-Dec-08	22:13:00	67.6	71.8	55.0
11-Dec-08	22:18:00	67.2	71.4	56.8
11-Dec-08	22:23:00	67.3	71.7	54.6
11-Dec-08	22:28:00	70.4	73.6	56.3
11-Dec-08	22:33:00	68.3	72.3	55.9
11-Dec-08	22:38:00	68.9	72.7	54.6
11-Dec-08	22:43:00	67.6	71.8	54.8
11-Dec-08	22:48:00	68.9	72.7	53.6
11-Dec-08	22:53:00	67.6	71.5	53.5
11-Dec-08	22:58:00	67.7	72.2	53.7

Mean 69.3 72.7 58.2  
Maximum 73.1 74.6 64.3  
Minimum 66.1 70.3 53.5

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
12-Dec-08	19:03:00	72.8	73.9	64.1
12-Dec-08	19:08:00	71.8	74.3	65.0
12-Dec-08	19:13:00	70.7	73.6	63.1
12-Dec-08	19:18:00	70.6	73.4	64.8
12-Dec-08	19:23:00	71.4	73.7	64.6
12-Dec-08	19:28:00	72.2	75.0	64.2
12-Dec-08	19:33:00	70.4	73.2	60.6
12-Dec-08	19:38:00	70.5	73.0	65.9
12-Dec-08	19:43:00	70.9	73.5	62.2
12-Dec-08	19:48:00	72.3	74.9	63.8
12-Dec-08	19:53:00	72.8	74.4	65.4
12-Dec-08	19:58:00	71.5	74.1	65.4
12-Dec-08	20:03:00	69.8	72.7	61.3
12-Dec-08	20:08:00	70.4	73.5	60.6
12-Dec-08	20:13:00	70.8	73.7	61.8
12-Dec-08	20:18:00	71.2	74.0	63.7
12-Dec-08	20:23:00	70.0	73.2	59.6
12-Dec-08	20:28:00	70.3	73.3	61.2
12-Dec-08	20:33:00	69.1	72.9	59.0
12-Dec-08	20:38:00	69.3	73.0	58.8
12-Dec-08	20:43:00	71.1	73.6	62.3
12-Dec-08	20:48:00	68.1	71.9	57.9
12-Dec-08	20:53:00	69.4	73.2	58.0
12-Dec-08	20:58:00	69.0	72.9	54.5
12-Dec-08	21:03:00	67.7	71.5	54.6
12-Dec-08	21:08:00	68.2	72.3	54.6
12-Dec-08	21:13:00	68.8	72.0	57.6
12-Dec-08	21:18:00	69.0	72.6	56.0
12-Dec-08	21:23:00	68.6	71.9	56.0
12-Dec-08	21:28:00	70.1	73.1	56.2
12-Dec-08	21:33:00	67.6	71.7	54.9
12-Dec-08	21:38:00	67.8	71.3	56.9
12-Dec-08	21:43:00	68.3	72.1	56.3
12-Dec-08	21:48:00	68.7	72.3	57.6
12-Dec-08	21:53:00	69.0	72.7	57.0
12-Dec-08	21:58:00	68.4	72.7	54.3
12-Dec-08	22:03:00	68.2	71.8	56.8
12-Dec-08	22:08:00	69.5	73.1	54.3
12-Dec-08	22:13:00	69.6	72.8	57.0
12-Dec-08	22:18:00	68.1	72.1	55.7
12-Dec-08	22:23:00	71.2	74.4	58.0
12-Dec-08	22:28:00	68.6	72.3	56.2
12-Dec-08	22:33:00	68.2	72.5	54.9
12-Dec-08	22:38:00	69.1	72.7	56.7
12-Dec-08	22:43:00	68.2	72.0	55.0
12-Dec-08	22:48:00	69.2	72.9	55.0
12-Dec-08	22:53:00	68.3	72.3	53.7
12-Dec-08	22:58:00	69.1	72.7	55.2

Mean 69.9 73.1 60.6  
Maximum 72.8 75.0 65.9  
Minimum 67.6 71.3 53.7

## Appendix B2&B3

### Evening Time and Holiday Noise Level at The Harbour View (NC10)

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
13-Dec-08	19:03:00	71.3	74.0	65.2
13-Dec-08	19:08:00	69.9	72.6	62.9
13-Dec-08	19:13:00	71.3	74.0	65.5
13-Dec-08	19:18:00	71.4	74.3	60.8
13-Dec-08	19:23:00	71.0	73.7	62.4
13-Dec-08	19:28:00	70.3	73.5	63.7
13-Dec-08	19:33:00	70.6	73.5	61.9
13-Dec-08	19:38:00	70.6	73.7	61.6
13-Dec-08	19:43:00	70.9	73.8	61.6
13-Dec-08	19:48:00	71.0	73.8	58.8
13-Dec-08	19:53:00	70.1	73.1	62.7
13-Dec-08	19:58:00	71.4	73.7	62.4
13-Dec-08	20:03:00	70.0	73.1	60.0
13-Dec-08	20:08:00	69.4	72.7	58.0
13-Dec-08	20:13:00	70.7	73.5	59.7
13-Dec-08	20:18:00	69.8	73.1	59.4
13-Dec-08	20:23:00	69.5	72.9	56.8
13-Dec-08	20:28:00	72.3	73.4	57.4
13-Dec-08	20:33:00	69.1	72.9	57.8
13-Dec-08	20:38:00	69.7	72.9	60.5
13-Dec-08	20:43:00	70.0	73.3	56.0
13-Dec-08	20:48:00	69.6	72.2	59.0
13-Dec-08	20:53:00	67.6	71.7	55.8
13-Dec-08	20:58:00	69.9	73.1	54.7
13-Dec-08	21:03:00	68.5	72.0	59.8
13-Dec-08	21:08:00	67.6	71.5	55.3
13-Dec-08	21:13:00	68.3	71.8	56.8
13-Dec-08	21:18:00	69.0	72.5	58.7
13-Dec-08	21:23:00	68.5	71.3	57.7
13-Dec-08	21:28:00	68.6	72.6	56.0
13-Dec-08	21:33:00	73.2	76.2	55.7
13-Dec-08	21:38:00	69.0	72.2	57.2
13-Dec-08	21:43:00	69.7	73.4	59.3
13-Dec-08	21:48:00	68.0	72.3	56.7
13-Dec-08	21:53:00	68.0	71.9	54.5
13-Dec-08	21:58:00	69.9	72.8	56.9
13-Dec-08	22:03:00	68.4	72.3	54.6
13-Dec-08	22:08:00	70.3	73.6	55.1
13-Dec-08	22:13:00	69.6	72.8	58.4
13-Dec-08	22:18:00	68.8	71.7	55.2
13-Dec-08	22:23:00	69.3	73.0	55.2
13-Dec-08	22:28:00	69.9	73.4	55.6
13-Dec-08	22:33:00	69.5	72.8	57.4
13-Dec-08	22:38:00	68.0	71.7	54.6
13-Dec-08	22:43:00	71.2	73.8	56.5
13-Dec-08	22:48:00	69.7	73.2	55.8
13-Dec-08	22:53:00	66.5	71.3	54.2
13-Dec-08	22:58:00	69.4	73.6	56.6

Mean 69.9 73.1 59.4  
Maximum 73.2 76.2 65.5  
Minimum 66.5 71.3 54.2

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
14-Dec-08	07:03:00	64.4	66.0	52.4
14-Dec-08	07:08:00	66.6	70.4	52.7
14-Dec-08	07:13:00	69.0	70.6	53.0
14-Dec-08	07:18:00	67.8	70.3	55.0
14-Dec-08	07:23:00	66.2	69.0	52.9
14-Dec-08	07:28:00	67.3	71.8	53.6
14-Dec-08	07:33:00	67.4	70.9	52.5
14-Dec-08	07:38:00	68.5	71.2	53.5
14-Dec-08	07:43:00	68.7	72.3	52.8
14-Dec-08	07:48:00	68.1	71.4	52.4
14-Dec-08	07:53:00	68.0	70.7	52.0
14-Dec-08	07:58:00	69.8	70.8	53.1
14-Dec-08	08:03:00	67.6	71.3	56.0
14-Dec-08	08:08:00	67.6	71.5	53.5
14-Dec-08	08:13:00	69.3	71.9	52.6
14-Dec-08	08:18:00	67.9	72.0	53.1
14-Dec-08	08:23:00	69.2	73.0	52.4
14-Dec-08	08:28:00	69.6	72.1	53.1
14-Dec-08	08:33:00	67.0	71.4	54.1
14-Dec-08	08:38:00	67.4	71.5	53.2
14-Dec-08	08:43:00	69.7	73.4	55.0
14-Dec-08	08:48:00	69.4	73.1	53.6
14-Dec-08	08:53:00	68.3	72.4	54.6
14-Dec-08	08:58:00	69.2	72.3	54.2
14-Dec-08	09:03:00	69.7	73.0	58.2
14-Dec-08	09:08:00	71.9	72.6	57.2
14-Dec-08	09:13:00	69.2	72.7	55.7
14-Dec-08	09:18:00	69.1	72.7	57.5
14-Dec-08	09:23:00	70.3	73.1	57.3
14-Dec-08	09:28:00	70.2	73.6	56.2
14-Dec-08	09:33:00	70.5	74.1	56.7
14-Dec-08	09:38:00	70.6	73.7	58.5
14-Dec-08	09:43:00	70.1	73.0	58.2
14-Dec-08	09:48:00	69.0	72.6	56.5
14-Dec-08	09:53:00	70.1	73.4	55.2
14-Dec-08	09:58:00	71.0	73.6	56.9
14-Dec-08	10:03:00	71.2	73.3	57.7
14-Dec-08	10:08:00	69.8	73.2	56.9
14-Dec-08	10:13:00	70.2	73.1	57.5
14-Dec-08	10:18:00	68.2	72.1	57.6
14-Dec-08	10:23:00	69.2	72.7	56.8
14-Dec-08	10:28:00	68.8	72.6	57.8
14-Dec-08	10:33:00	70.1	73.1	61.1
14-Dec-08	10:38:00	71.1	73.4	58.8
14-Dec-08	10:43:00	72.1	74.5	58.8
14-Dec-08	10:48:00	71.9	74.1	63.3
14-Dec-08	10:53:00	70.2	73.2	55.7
14-Dec-08	10:58:00	68.9	72.9	57.6

## Appendix B2&B3

### Evening Time and Holiday Noise Level at The Harbour View (NC10)

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
14-Dec-08	11:03:00	69.2	73.4	58.8
14-Dec-08	11:08:00	69.7	73.5	56.7
14-Dec-08	11:13:00	68.8	72.4	58.3
14-Dec-08	11:18:00	69.0	72.8	58.0
14-Dec-08	11:23:00	68.7	73.0	56.3
14-Dec-08	11:28:00	70.4	74.0	57.2
14-Dec-08	11:33:00	70.2	74.0	58.3
14-Dec-08	11:38:00	69.5	73.7	56.2
14-Dec-08	11:43:00	71.5	75.0	58.7
14-Dec-08	11:48:00	69.5	72.1	55.7
14-Dec-08	11:53:00	71.1	74.9	59.7
14-Dec-08	11:58:00	69.3	73.0	57.5
14-Dec-08	12:03:00	70.7	74.4	58.5
14-Dec-08	12:08:00	71.1	74.7	58.4
14-Dec-08	12:13:00	70.4	73.5	58.4
14-Dec-08	12:18:00	69.4	73.1	58.6
14-Dec-08	12:23:00	69.5	73.2	59.6
14-Dec-08	12:28:00	69.9	72.7	57.6
14-Dec-08	12:33:00	70.7	74.3	55.5
14-Dec-08	12:38:00	69.0	72.7	57.3
14-Dec-08	12:43:00	68.8	72.8	57.1
Noise Level at The	12:48:00	69.8	73.5	58.4
14-Dec-08	12:53:00	71.1	74.2	58.8
14-Dec-08	12:58:00	70.8	74.6	60.8
14-Dec-08	13:03:00	69.3	73.0	56.2
14-Dec-08	13:08:00	69.4	73.4	58.0
14-Dec-08	13:13:00	70.4	73.7	55.4
14-Dec-08	13:18:00	70.9	74.3	57.2
14-Dec-08	13:23:00	69.3	73.1	55.6
14-Dec-08	13:28:00	70.3	73.6	56.9
14-Dec-08	13:33:00	69.6	73.2	56.4
14-Dec-08	13:38:00	71.2	73.7	57.7
14-Dec-08	13:43:00	70.8	73.7	55.8
14-Dec-08	13:48:00	71.7	74.6	57.9
14-Dec-08	13:53:00	69.2	72.7	57.6
14-Dec-08	13:58:00	70.9	74.4	56.6
14-Dec-08	14:03:00	71.3	73.8	55.9
14-Dec-08	14:08:00	69.1	73.0	56.3
14-Dec-08	14:13:00	71.6	74.9	57.0
14-Dec-08	14:18:00	70.1	72.6	57.7
14-Dec-08	14:23:00	69.6	72.8	58.1
14-Dec-08	14:28:00	71.5	74.7	58.9
14-Dec-08	14:33:00	70.5	73.7	58.9
14-Dec-08	14:38:00	70.8	74.1	55.5
14-Dec-08	14:43:00	69.2	72.6	58.8
14-Dec-08	14:48:00	71.4	73.8	58.7
14-Dec-08	14:53:00	72.9	74.0	57.8
14-Dec-08	14:58:00	70.8	73.9	56.1

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
14-Dec-08	15:03:00	69.8	73.3	56.8
14-Dec-08	15:08:00	69.8	73.5	59.0
14-Dec-08	15:13:00	70.3	73.6	56.6
14-Dec-08	15:18:00	70.5	73.2	59.3
14-Dec-08	15:23:00	70.4	73.7	58.9
14-Dec-08	15:28:00	69.6	73.3	60.2
14-Dec-08	15:33:00	72.0	74.6	60.5
14-Dec-08	15:38:00	69.8	73.4	55.7
14-Dec-08	15:43:00	71.7	73.8	58.3
14-Dec-08	15:48:00	69.9	73.6	55.5
14-Dec-08	15:53:00	69.4	73.0	56.0
14-Dec-08	15:58:00	70.8	74.0	60.1
14-Dec-08	16:03:00	69.5	73.5	57.6
14-Dec-08	16:08:00	68.4	72.3	58.4
14-Dec-08	16:13:00	72.0	74.8	55.7
14-Dec-08	16:18:00	69.7	72.6	61.1
14-Dec-08	16:23:00	71.9	73.6	57.6
14-Dec-08	16:28:00	70.3	73.6	60.8
14-Dec-08	16:33:00	71.4	74.3	60.4
14-Dec-08	16:38:00	71.3	74.6	61.5
14-Dec-08	16:43:00	69.9	73.2	57.6
14-Dec-08	16:48:00	69.7	73.4	59.1
14-Dec-08	16:53:00	72.0	75.4	61.6
14-Dec-08	16:58:00	70.7	73.8	59.5
14-Dec-08	17:03:00	68.6	72.5	55.6
14-Dec-08	17:08:00	71.9	75.3	56.8
14-Dec-08	17:13:00	70.5	73.5	56.7
14-Dec-08	17:18:00	70.5	74.0	57.2
14-Dec-08	17:23:00	69.8	73.7	54.7
14-Dec-08	17:28:00	70.2	73.5	60.7
14-Dec-08	17:33:00	70.6	74.0	58.0
14-Dec-08	17:38:00	70.2	73.7	59.2
14-Dec-08	17:43:00	71.5	74.3	56.0
14-Dec-08	17:48:00	69.0	72.6	55.6
14-Dec-08	17:53:00	70.9	74.2	60.5
14-Dec-08	17:58:00	71.8	73.8	60.2
14-Dec-08	18:03:00	69.9	72.7	60.1
14-Dec-08	18:08:00	69.8	72.6	59.3
14-Dec-08	18:13:00	70.3	73.3	61.1
14-Dec-08	18:18:00	68.6	72.5	55.4
14-Dec-08	18:23:00	71.9	73.7	60.8
14-Dec-08	18:28:00	68.9	73.0	53.5
14-Dec-08	18:33:00	70.1	72.9	59.3
14-Dec-08	18:38:00	71.5	75.1	59.3
14-Dec-08	18:43:00	70.8	73.6	62.2
14-Dec-08	18:48:00	70.5	73.9	59.3
14-Dec-08	18:53:00	69.4	73.1	56.7
14-Dec-08	18:58:00	69.6	73.3	57.3

## Appendix B2&B3

### Evening Time and Holiday Noise Level at The Harbour View (NC10)

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
14-Dec-08	19:03:00	70.5	73.3	60.3
14-Dec-08	19:08:00	71.6	73.8	58.8
14-Dec-08	19:13:00	70.2	73.3	56.6
14-Dec-08	19:18:00	68.9	72.5	59.4
14-Dec-08	19:23:00	70.2	73.3	56.6
14-Dec-08	19:28:00	70.0	73.3	55.8
14-Dec-08	19:33:00	71.0	73.6	56.6
14-Dec-08	19:38:00	69.7	73.3	57.1
14-Dec-08	19:43:00	69.2	72.4	55.0
14-Dec-08	19:48:00	69.5	73.3	57.1
14-Dec-08	19:53:00	69.2	72.7	55.9
14-Dec-08	19:58:00	68.5	72.6	58.2
14-Dec-08	20:03:00	70.7	73.8	57.1
14-Dec-08	20:08:00	68.8	72.8	54.9
14-Dec-08	20:13:00	69.6	72.5	57.5
14-Dec-08	20:18:00	69.0	72.7	55.7
14-Dec-08	20:23:00	67.2	71.3	55.1
14-Dec-08	20:28:00	68.6	72.4	55.4
14-Dec-08	20:33:00	67.9	72.0	53.8
14-Dec-08	20:38:00	69.3	72.7	54.9
14-Dec-08	20:43:00	69.8	73.1	55.2
14-Dec-08	20:48:00	68.1	72.3	55.4
14-Dec-08	20:53:00	68.1	72.3	55.2
14-Dec-08	20:58:00	67.4	71.5	55.2
14-Dec-08	21:03:00	74.7	73.6	53.7
14-Dec-08	21:08:00	71.3	72.7	55.5
14-Dec-08	21:13:00	67.4	72.1	53.2
14-Dec-08	21:18:00	68.5	72.4	55.4
14-Dec-08	21:23:00	68.0	71.8	55.2
14-Dec-08	21:28:00	69.5	72.7	57.6
14-Dec-08	21:33:00	69.6	73.3	55.7
14-Dec-08	21:38:00	69.2	72.9	53.8
14-Dec-08	21:43:00	66.0	70.4	53.9
14-Dec-08	21:48:00	69.0	72.6	55.9
14-Dec-08	21:53:00	68.2	72.4	56.4
14-Dec-08	21:58:00	69.2	72.7	55.5
14-Dec-08	22:03:00	70.0	72.2	54.4
14-Dec-08	22:08:00	68.9	72.7	55.0
14-Dec-08	22:13:00	71.4	74.3	54.6
14-Dec-08	22:18:00	71.2	72.4	54.4
14-Dec-08	22:23:00	70.0	73.6	55.6
14-Dec-08	22:28:00	69.4	71.3	53.6
14-Dec-08	22:33:00	68.6	71.2	55.0
14-Dec-08	22:38:00	67.1	71.6	54.3
14-Dec-08	22:43:00	65.9	70.4	53.0
14-Dec-08	22:48:00	70.0	73.0	55.1
14-Dec-08	22:53:00	67.6	71.6	52.7
14-Dec-08	22:58:00	67.0	71.2	54.0

Mean 69.9 73.1 57.4  
Maximum 74.7 75.4 63.3  
Minimum 64.4 66.0 52.0

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
15-Dec-08	19:03:00	70.3	73.3	62.8
15-Dec-08	19:08:00	71.4	74.2	60.1
15-Dec-08	19:13:00	71.6	73.5	65.8
15-Dec-08	19:18:00	70.8	73.4	62.3
15-Dec-08	19:23:00	71.3	74.1	65.4
15-Dec-08	19:28:00	71.1	73.6	64.3
15-Dec-08	19:33:00	71.1	73.9	64.9
15-Dec-08	19:38:00	70.8	73.6	64.5
15-Dec-08	19:43:00	70.5	73.5	62.9
15-Dec-08	19:48:00	71.3	74.1	63.1
15-Dec-08	19:53:00	70.2	73.3	63.0
15-Dec-08	19:58:00	70.4	73.6	59.9
15-Dec-08	20:03:00	69.6	72.8	59.7
15-Dec-08	20:08:00	72.6	73.3	58.5
15-Dec-08	20:13:00	68.3	72.4	56.2
15-Dec-08	20:18:00	70.3	73.0	58.1
15-Dec-08	20:23:00	68.9	72.4	54.0
15-Dec-08	20:28:00	68.3	72.0	56.2
15-Dec-08	20:33:00	67.4	72.0	55.6
15-Dec-08	20:38:00	68.2	72.3	54.5
15-Dec-08	20:43:00	71.2	71.8	56.3
15-Dec-08	20:48:00	70.2	73.6	57.0
15-Dec-08	20:53:00	68.1	71.6	56.1
15-Dec-08	20:58:00	66.4	71.2	54.9
15-Dec-08	21:03:00	69.3	73.2	55.3
15-Dec-08	21:08:00	68.0	72.0	55.7
15-Dec-08	21:13:00	67.3	71.8	55.6
15-Dec-08	21:18:00	68.2	72.5	56.3
15-Dec-08	21:23:00	67.0	71.7	54.6
15-Dec-08	21:28:00	68.4	71.7	57.9
15-Dec-08	21:33:00	68.9	72.8	56.1
15-Dec-08	21:38:00	68.8	72.1	55.5
15-Dec-08	21:43:00	66.7	71.8	54.7
15-Dec-08	21:48:00	68.4	72.2	56.8
15-Dec-08	21:53:00	68.7	72.4	57.8
15-Dec-08	21:58:00	67.1	71.8	54.0
15-Dec-08	22:03:00	67.8	72.1	54.8
15-Dec-08	22:08:00	68.0	72.3	54.0
15-Dec-08	22:13:00	68.3	72.3	54.6
15-Dec-08	22:18:00	68.6	72.6	55.1
15-Dec-08	22:23:00	68.6	72.3	54.5
15-Dec-08	22:28:00	66.9	71.5	53.2
15-Dec-08	22:33:00	67.5	71.8	54.6
15-Dec-08	22:38:00	69.0	72.3	53.6
15-Dec-08	22:43:00	67.8	72.2	55.5
15-Dec-08	22:48:00	67.4	71.5	54.2
15-Dec-08	22:53:00	68.6	73.3	54.0
15-Dec-08	22:58:00	65.5	70.5	53.9

Mean 69.3 72.7 59.3  
Maximum 72.6 74.2 65.8  
Minimum 65.5 70.5 53.2

## Appendix B2&B3

### Evening Time and Holiday Noise Level at The Harbour View (NC10)

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
16-Dec-08	19:03:00	70.8	73.5	62.0
16-Dec-08	19:08:00	72.6	73.9	64.0
16-Dec-08	19:13:00	71.3	74.1	61.3
16-Dec-08	19:18:00	69.7	72.7	61.6
16-Dec-08	19:23:00	70.4	73.7	61.6
16-Dec-08	19:28:00	71.1	73.9	61.0
16-Dec-08	19:33:00	70.5	73.6	61.8
16-Dec-08	19:38:00	70.2	73.1	59.8
16-Dec-08	19:43:00	70.1	73.2	62.0
16-Dec-08	19:48:00	70.9	73.8	64.3
16-Dec-08	19:53:00	69.9	73.0	60.3
16-Dec-08	19:58:00	70.2	73.1	59.4
16-Dec-08	20:03:00	69.3	72.5	59.9
16-Dec-08	20:08:00	70.6	73.6	56.7
16-Dec-08	20:13:00	69.7	73.3	59.4
16-Dec-08	20:18:00	69.4	72.8	59.9
16-Dec-08	20:23:00	68.4	72.2	57.1
16-Dec-08	20:28:00	69.2	72.7	58.1
16-Dec-08	20:33:00	67.6	71.9	54.5
16-Dec-08	20:38:00	69.4	73.3	59.0
16-Dec-08	20:43:00	69.3	72.6	54.9
16-Dec-08	20:48:00	69.3	72.1	55.8
16-Dec-08	20:53:00	70.2	73.2	58.2
16-Dec-08	20:58:00	68.7	72.4	56.3
16-Dec-08	21:03:00	68.5	71.7	54.5
16-Dec-08	21:08:00	67.8	72.2	53.7
16-Dec-08	21:13:00	69.4	73.3	55.3
16-Dec-08	21:18:00	69.4	72.8	58.6
16-Dec-08	21:23:00	67.4	71.5	54.3
16-Dec-08	21:28:00	68.3	72.4	55.2
16-Dec-08	21:33:00	67.9	72.2	54.8
16-Dec-08	21:38:00	68.5	72.6	56.3
16-Dec-08	21:43:00	67.3	71.9	55.0
16-Dec-08	21:48:00	68.7	72.9	55.3
16-Dec-08	21:53:00	69.0	73.0	57.1
16-Dec-08	21:58:00	68.4	72.2	55.4
16-Dec-08	22:03:00	69.1	73.2	54.0
16-Dec-08	22:08:00	69.3	73.4	55.9
16-Dec-08	22:13:00	67.5	71.4	54.6
16-Dec-08	22:18:00	69.0	72.7	55.3
16-Dec-08	22:23:00	68.6	72.0	56.4
16-Dec-08	22:28:00	68.4	72.5	53.5
16-Dec-08	22:33:00	68.1	72.4	53.9
16-Dec-08	22:38:00	68.1	72.5	53.8
16-Dec-08	22:43:00	68.8	72.9	54.8
16-Dec-08	22:48:00	67.7	72.5	53.8
16-Dec-08	22:53:00	68.4	72.8	53.9
16-Dec-08	22:58:00	66.8	71.6	54.9

Mean 69.3 72.8 58.4  
Maximum 72.6 74.1 64.3  
Minimum 66.8 71.4 53.5

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
17-Dec-08	19:03:00	71.4	73.7	65.3
17-Dec-08	19:08:00	71.2	73.8	66.5
17-Dec-08	19:13:00	69.4	72.7	60.7
17-Dec-08	19:18:00	72.8	74.2	64.8
17-Dec-08	19:23:00	71.7	74.0	64.7
17-Dec-08	19:28:00	70.0	73.2	62.3
17-Dec-08	19:33:00	70.9	73.5	59.2
17-Dec-08	19:38:00	70.6	73.0	63.1
17-Dec-08	19:43:00	71.1	73.9	61.1
17-Dec-08	19:48:00	70.7	73.6	59.0
17-Dec-08	19:53:00	69.0	72.7	57.6
17-Dec-08	19:58:00	69.1	72.9	55.6
17-Dec-08	20:03:00	69.2	72.6	56.0
17-Dec-08	20:08:00	69.2	72.6	57.4
17-Dec-08	20:13:00	71.1	74.3	60.5
17-Dec-08	20:18:00	69.4	73.1	57.8
17-Dec-08	20:23:00	69.8	72.7	58.2
17-Dec-08	20:28:00	69.7	72.7	62.1
17-Dec-08	20:33:00	68.9	72.6	55.2
17-Dec-08	20:38:00	67.1	71.5	56.0
17-Dec-08	20:43:00	67.7	71.6	56.7
17-Dec-08	20:48:00	69.9	72.8	57.0
17-Dec-08	20:53:00	67.4	71.7	55.0
17-Dec-08	20:58:00	70.1	73.6	55.9
17-Dec-08	21:03:00	68.5	72.6	53.9
17-Dec-08	21:08:00	68.6	72.0	53.7
17-Dec-08	21:13:00	69.5	72.6	55.7
17-Dec-08	21:18:00	67.5	71.9	55.1
17-Dec-08	21:23:00	68.6	72.3	54.8
17-Dec-08	21:28:00	67.6	72.2	53.9
17-Dec-08	21:33:00	68.0	71.9	55.1
17-Dec-08	21:38:00	68.3	72.3	54.7
17-Dec-08	21:43:00	69.8	72.6	53.7
17-Dec-08	21:48:00	66.9	71.1	53.2
17-Dec-08	21:53:00	67.3	71.3	54.3
17-Dec-08	21:58:00	68.6	72.3	55.2
17-Dec-08	22:03:00	66.9	71.5	54.7
17-Dec-08	22:08:00	68.3	72.5	53.6
17-Dec-08	22:13:00	69.7	72.8	56.8
17-Dec-08	22:18:00	67.7	71.8	54.3
17-Dec-08	22:23:00	69.1	72.8	56.9
17-Dec-08	22:28:00	71.3	72.4	54.7
17-Dec-08	22:33:00	66.3	71.0	53.2
17-Dec-08	22:38:00	68.8	72.3	56.2
17-Dec-08	22:43:00	66.8	71.3	53.6
17-Dec-08	22:48:00	66.9	71.3	54.4
17-Dec-08	22:53:00	66.8	71.4	53.9
17-Dec-08	22:58:00	68.5	71.5	53.1

Mean 69.3 72.6 58.9  
Maximum 72.8 74.3 66.5  
Minimum 66.3 71.0 53.1



## Appendix B2&B3

### Evening Time and Holiday Noise Level at The Harbour View (NC10)

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
18-Dec-08	19:03:00	71.3	73.6	62.9
18-Dec-08	19:08:00	71.4	73.8	63.1
18-Dec-08	19:13:00	71.0	73.6	64.7
18-Dec-08	19:18:00	71.2	74.0	63.2
18-Dec-08	19:23:00	70.5	73.5	62.4
18-Dec-08	19:28:00	71.0	74.2	61.8
18-Dec-08	19:33:00	70.9	73.7	63.6
18-Dec-08	19:38:00	70.6	73.6	64.4
18-Dec-08	19:43:00	70.9	73.7	60.4
18-Dec-08	19:48:00	71.2	74.3	63.0
18-Dec-08	19:53:00	70.4	73.5	61.4
18-Dec-08	19:58:00	70.5	73.2	63.1
18-Dec-08	20:03:00	69.9	73.6	59.0
18-Dec-08	20:08:00	69.6	73.0	58.8
18-Dec-08	20:13:00	70.1	73.3	57.2
18-Dec-08	20:18:00	69.5	73.0	59.4
18-Dec-08	20:23:00	69.0	72.8	55.7
18-Dec-08	20:28:00	69.8	73.2	56.6
18-Dec-08	20:33:00	70.1	73.9	56.8
18-Dec-08	20:38:00	69.4	73.1	57.1
18-Dec-08	20:43:00	68.2	72.1	58.0
18-Dec-08	20:48:00	67.7	71.5	56.1
18-Dec-08	20:53:00	69.5	73.0	56.8
18-Dec-08	20:58:00	68.3	72.1	57.1
18-Dec-08	21:03:00	69.1	73.0	56.2
18-Dec-08	21:08:00	70.0	72.6	58.7
18-Dec-08	21:13:00	68.6	72.6	57.7
18-Dec-08	21:18:00	68.2	71.6	58.1
18-Dec-08	21:23:00	69.3	73.0	57.7
18-Dec-08	21:28:00	68.0	71.8	57.5
18-Dec-08	21:33:00	69.0	72.1	58.4
18-Dec-08	21:38:00	67.4	71.3	56.7
18-Dec-08	21:43:00	68.0	71.9	55.5
18-Dec-08	21:48:00	67.8	72.0	56.0
18-Dec-08	21:53:00	69.3	72.5	55.5
18-Dec-08	21:58:00	68.4	71.7	57.9
18-Dec-08	22:03:00	69.3	72.7	55.4
18-Dec-08	22:08:00	67.8	71.6	56.4
18-Dec-08	22:13:00	69.8	72.9	56.0
18-Dec-08	22:18:00	68.3	72.1	55.4
18-Dec-08	22:23:00	69.1	72.9	57.4
18-Dec-08	22:28:00	68.8	72.4	56.6
18-Dec-08	22:33:00	69.1	71.2	55.8
18-Dec-08	22:38:00	69.3	73.1	57.1
18-Dec-08	22:43:00	67.2	71.6	56.0
18-Dec-08	22:48:00	68.5	71.8	55.6
18-Dec-08	22:53:00	66.9	71.4	55.0
18-Dec-08	22:58:00	69.1	73.0	55.1

Mean 69.5 72.8 59.4  
Maximum 71.4 74.3 64.7  
Minimum 66.9 71.2 55.0

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
19-Dec-08	19:03:00	71.1	73.3	62.5
19-Dec-08	19:08:00	70.5	73.1	64.3
19-Dec-08	19:13:00	70.2	73.0	63.4
19-Dec-08	19:18:00	71.4	74.0	61.2
19-Dec-08	19:23:00	71.7	74.3	63.3
19-Dec-08	19:28:00	70.3	73.6	60.3
19-Dec-08	19:33:00	71.6	74.2	63.7
19-Dec-08	19:38:00	71.6	74.5	62.1
19-Dec-08	19:43:00	70.4	73.6	60.1
19-Dec-08	19:48:00	70.6	73.5	62.9
19-Dec-08	19:53:00	70.8	73.5	63.8
19-Dec-08	19:58:00	71.9	72.9	61.2
19-Dec-08	20:03:00	69.5	72.7	60.0
19-Dec-08	20:08:00	70.0	73.3	59.3
19-Dec-08	20:13:00	69.5	72.4	57.5
19-Dec-08	20:18:00	68.9	72.4	58.1
19-Dec-08	20:23:00	67.2	71.2	55.3
19-Dec-08	20:28:00	67.4	71.4	57.2
19-Dec-08	20:33:00	68.5	72.4	56.1
19-Dec-08	20:38:00	70.0	72.6	56.8
19-Dec-08	20:43:00	69.4	72.7	56.5
19-Dec-08	20:48:00	67.7	71.9	56.9
19-Dec-08	20:53:00	67.1	71.3	55.2
19-Dec-08	20:58:00	68.5	72.0	56.9
19-Dec-08	21:03:00	68.6	72.0	55.5
19-Dec-08	21:08:00	68.1	71.8	57.5
19-Dec-08	21:13:00	68.9	71.9	56.2
19-Dec-08	21:18:00	68.6	72.4	56.8
19-Dec-08	21:23:00	68.8	72.2	56.8
19-Dec-08	21:28:00	69.3	72.9	56.3
19-Dec-08	21:33:00	67.7	71.8	55.6
19-Dec-08	21:38:00	68.2	71.9	56.9
19-Dec-08	21:43:00	69.4	72.4	55.0
19-Dec-08	21:48:00	68.8	72.6	57.4
19-Dec-08	21:53:00	66.4	71.1	55.0
19-Dec-08	21:58:00	69.0	72.0	56.4
19-Dec-08	22:03:00	68.0	72.1	55.2
19-Dec-08	22:08:00	68.1	71.5	54.7
19-Dec-08	22:13:00	69.3	72.3	56.8
19-Dec-08	22:18:00	68.2	72.3	54.3
19-Dec-08	22:23:00	74.0	74.4	56.5
19-Dec-08	22:28:00	68.1	71.9	54.2
19-Dec-08	22:33:00	68.1	71.7	55.7
19-Dec-08	22:38:00	68.6	71.8	54.9
19-Dec-08	22:43:00	68.7	72.7	55.6
19-Dec-08	22:48:00	69.4	72.9	54.6
19-Dec-08	22:53:00	67.4	71.6	54.3
19-Dec-08	22:58:00	66.9	71.0	55.1

Mean 69.5 72.6 58.9  
Maximum 74.0 74.5 64.3  
Minimum 66.4 71.0 54.2

## Appendix B2&B3

### Evening Time and Holiday Noise Level at The Harbour View (NC10)

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
20-Dec-08	19:03:00	71.0	73.6	62.8
20-Dec-08	19:08:00	71.1	73.9	62.0
20-Dec-08	19:13:00	70.9	73.4	61.2
20-Dec-08	19:18:00	70.2	73.1	62.5
20-Dec-08	19:23:00	69.5	73.0	60.2
20-Dec-08	19:28:00	70.2	73.2	59.6
20-Dec-08	19:33:00	70.0	73.2	58.6
20-Dec-08	19:38:00	69.2	72.7	59.9
20-Dec-08	19:43:00	69.9	73.4	58.6
20-Dec-08	19:48:00	69.4	72.9	56.3
20-Dec-08	19:53:00	69.3	72.9	57.7
20-Dec-08	19:58:00	69.4	72.5	58.3
20-Dec-08	20:03:00	68.4	72.7	56.5
20-Dec-08	20:08:00	68.9	72.2	57.1
20-Dec-08	20:13:00	68.0	72.0	57.1
20-Dec-08	20:18:00	69.9	73.6	56.4
20-Dec-08	20:23:00	69.4	72.8	57.7
20-Dec-08	20:28:00	71.7	73.7	55.6
20-Dec-08	20:33:00	69.5	72.7	55.0
20-Dec-08	20:38:00	70.4	73.1	57.2
20-Dec-08	20:43:00	69.9	72.9	58.4
20-Dec-08	20:48:00	68.9	72.5	57.7
20-Dec-08	20:53:00	68.1	72.3	55.1
20-Dec-08	20:58:00	68.3	72.0	55.3
20-Dec-08	21:03:00	69.1	72.5	56.1
20-Dec-08	21:08:00	68.5	71.9	56.9
20-Dec-08	21:13:00	68.1	71.7	55.8
20-Dec-08	21:18:00	68.2	72.3	56.5
20-Dec-08	21:23:00	70.0	72.5	54.5
20-Dec-08	21:28:00	68.5	72.5	56.0
20-Dec-08	21:33:00	69.4	72.5	56.0
20-Dec-08	21:38:00	72.7	73.8	55.6
20-Dec-08	21:43:00	69.0	72.6	55.5
20-Dec-08	21:48:00	68.0	71.9	54.7
20-Dec-08	21:53:00	68.2	72.2	54.2
20-Dec-08	21:58:00	67.2	71.7	55.1
20-Dec-08	22:03:00	71.4	74.4	56.8
20-Dec-08	22:08:00	68.5	72.3	54.7
20-Dec-08	22:13:00	68.9	72.3	56.1
20-Dec-08	22:18:00	67.2	71.4	55.4
20-Dec-08	22:23:00	69.0	72.6	57.4
20-Dec-08	22:28:00	68.6	71.5	56.6
20-Dec-08	22:33:00	67.3	71.6	54.8
20-Dec-08	22:38:00	70.4	72.5	55.3
20-Dec-08	22:43:00	69.9	73.1	55.4
20-Dec-08	22:48:00	67.8	72.4	54.4
20-Dec-08	22:53:00	67.9	72.0	56.4
20-Dec-08	22:58:00	67.2	71.8	55.2

Mean 69.4 72.7 57.5  
 Maximum 72.7 74.4 62.8  
 Minimum 67.2 71.4 54.2

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
21-Dec-08	07:03:00	68.2	72.8	53.8
21-Dec-08	07:08:00	66.3	70.4	54.0
21-Dec-08	07:13:00	71.6	74.0	55.4
21-Dec-08	07:18:00	71.0	73.8	55.7
21-Dec-08	07:23:00	68.5	72.4	55.5
21-Dec-08	07:28:00	69.4	73.1	55.1
21-Dec-08	07:33:00	68.8	72.6	54.2
21-Dec-08	07:38:00	69.4	73.4	56.5
21-Dec-08	07:43:00	71.4	74.7	56.5
21-Dec-08	07:48:00	72.1	75.6	57.8
21-Dec-08	07:53:00	69.8	73.1	57.3
21-Dec-08	07:58:00	69.4	73.5	57.3
21-Dec-08	08:03:00	71.3	74.3	57.9
21-Dec-08	08:08:00	72.3	75.6	60.3
21-Dec-08	08:13:00	70.1	73.4	58.7
21-Dec-08	08:18:00	71.6	75.1	59.5
21-Dec-08	08:23:00	70.4	73.8	59.6
21-Dec-08	08:28:00	72.7	75.8	60.2
21-Dec-08	08:33:00	71.6	74.8	60.5
21-Dec-08	08:38:00	71.4	75.1	59.2
21-Dec-08	08:43:00	72.5	76.1	60.5
21-Dec-08	08:48:00	71.8	74.3	63.9
21-Dec-08	08:53:00	71.6	74.7	61.3
21-Dec-08	08:58:00	71.8	75.2	62.3
21-Dec-08	09:03:00	73.2	76.3	63.0
21-Dec-08	09:08:00	73.5	75.4	65.5
21-Dec-08	09:13:00	72.6	75.4	64.3
21-Dec-08	09:18:00	73.0	76.2	63.5
21-Dec-08	09:23:00	72.6	75.7	65.9
21-Dec-08	09:28:00	72.3	74.2	63.4
21-Dec-08	09:33:00	72.2	75.5	61.6
21-Dec-08	09:38:00	72.0	75.2	63.1
21-Dec-08	09:43:00	70.5	73.9	62.1
21-Dec-08	09:48:00	72.2	75.4	62.0
21-Dec-08	09:53:00	70.1	73.9	58.6
21-Dec-08	09:58:00	71.3	75.2	59.0
21-Dec-08	10:03:00	71.8	74.1	61.7
21-Dec-08	10:08:00	70.5	74.3	59.4
21-Dec-08	10:13:00	71.2	74.5	62.3
21-Dec-08	10:18:00	71.5	75.0	60.4
21-Dec-08	10:23:00	71.4	74.9	62.7
21-Dec-08	10:28:00	71.8	74.8	61.4
21-Dec-08	10:33:00	70.3	73.8	60.4
21-Dec-08	10:38:00	73.3	76.3	63.4
21-Dec-08	10:43:00	72.4	75.3	64.6
21-Dec-08	10:48:00	71.4	74.4	64.4
21-Dec-08	10:53:00	70.9	74.3	62.0
21-Dec-08	10:58:00	71.6	75.1	60.7

## Appendix B2&B3

### Evening Time and Holiday Noise Level at The Harbour View (NC10)

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
21-Dec-08	11:03:00	70.7	74.3	59.5
21-Dec-08	11:08:00	71.8	75.0	62.4
21-Dec-08	11:13:00	70.9	74.1	58.5
21-Dec-08	11:18:00	70.3	74.0	61.0
21-Dec-08	11:23:00	71.5	74.7	62.5
21-Dec-08	11:28:00	70.7	74.4	61.5
21-Dec-08	11:33:00	71.1	74.6	62.3
21-Dec-08	11:38:00	72.1	75.3	61.4
21-Dec-08	11:43:00	71.5	74.6	61.3
21-Dec-08	11:48:00	70.8	74.3	60.7
21-Dec-08	11:53:00	71.1	74.4	59.3
21-Dec-08	11:58:00	72.0	75.3	61.9
21-Dec-08	12:03:00	70.3	73.7	59.2
21-Dec-08	12:08:00	70.1	73.7	60.1
21-Dec-08	12:13:00	71.2	73.9	62.2
21-Dec-08	12:18:00	70.4	74.4	57.3
21-Dec-08	12:23:00	71.1	73.9	59.6
21-Dec-08	12:28:00	70.2	73.7	58.9
21-Dec-08	12:33:00	71.8	74.8	60.3
21-Dec-08	12:38:00	72.3	74.9	61.8
21-Dec-08	12:43:00	70.1	73.6	61.0
21-Dec-08	12:48:00	71.5	74.4	57.5
21-Dec-08	12:53:00	70.5	74.3	58.6
21-Dec-08	12:58:00	71.4	74.7	60.1
21-Dec-08	13:03:00	71.4	75.1	61.2
21-Dec-08	13:08:00	74.4	73.7	57.9
21-Dec-08	13:13:00	74.4	75.0	60.3
21-Dec-08	13:18:00	70.6	74.4	59.0
21-Dec-08	13:23:00	70.7	74.2	59.3
21-Dec-08	13:28:00	70.0	73.5	59.3
21-Dec-08	13:33:00	69.9	73.5	58.7
21-Dec-08	13:38:00	71.5	75.0	57.6
21-Dec-08	13:43:00	71.7	75.2	61.0
21-Dec-08	13:48:00	70.2	74.1	59.8
21-Dec-08	13:53:00	72.3	75.5	62.4
21-Dec-08	13:58:00	71.2	74.4	60.0
21-Dec-08	14:03:00	72.9	75.4	58.6
21-Dec-08	14:08:00	70.2	73.9	58.8
21-Dec-08	14:13:00	70.6	73.9	60.8
21-Dec-08	14:18:00	71.2	74.3	57.3
21-Dec-08	14:23:00	69.7	73.6	56.6
21-Dec-08	14:28:00	70.0	73.5	59.9
21-Dec-08	14:33:00	72.3	74.8	61.8
21-Dec-08	14:38:00	71.0	74.2	58.1
21-Dec-08	14:43:00	70.8	74.3	60.9
21-Dec-08	14:48:00	71.6	74.1	59.4
21-Dec-08	14:53:00	70.8	74.0	63.9
21-Dec-08	14:58:00	71.6	74.2	58.3

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
21-Dec-08	15:03:00	70.0	73.9	56.9
21-Dec-08	15:08:00	71.7	74.9	61.4
21-Dec-08	15:13:00	71.6	75.2	59.6
21-Dec-08	15:18:00	69.3	73.4	59.0
21-Dec-08	15:23:00	71.1	74.3	61.7
21-Dec-08	15:28:00	70.3	73.6	58.5
21-Dec-08	15:33:00	70.9	74.4	60.9
21-Dec-08	15:38:00	71.9	75.5	61.6
21-Dec-08	15:43:00	71.6	74.9	60.0
21-Dec-08	15:48:00	70.7	74.1	61.9
21-Dec-08	15:53:00	71.5	74.5	61.8
21-Dec-08	15:58:00	70.3	74.0	59.0
21-Dec-08	16:03:00	70.5	74.0	60.2
21-Dec-08	16:08:00	72.5	75.9	61.3
21-Dec-08	16:13:00	70.2	73.6	58.8
21-Dec-08	16:18:00	71.2	74.5	61.3
21-Dec-08	16:23:00	72.6	75.3	60.5
21-Dec-08	16:28:00	70.4	73.4	60.3
21-Dec-08	16:33:00	69.4	73.0	59.2
21-Dec-08	16:38:00	71.3	74.7	61.1
21-Dec-08	16:43:00	70.9	73.5	59.2
21-Dec-08	16:48:00	70.7	74.0	58.8
21-Dec-08	16:53:00	71.4	74.7	62.4
21-Dec-08	16:58:00	71.5	74.9	61.8
21-Dec-08	17:03:00	70.5	73.9	61.6
21-Dec-08	17:08:00	71.4	74.2	61.4
21-Dec-08	17:13:00	70.8	74.2	60.1
21-Dec-08	17:18:00	70.9	74.4	59.3
21-Dec-08	17:23:00	71.0	74.2	64.1
21-Dec-08	17:28:00	71.7	75.0	60.6
21-Dec-08	17:33:00	71.7	74.8	60.8
21-Dec-08	17:38:00	72.0	74.8	62.6
21-Dec-08	17:43:00	72.9	75.1	64.9
21-Dec-08	17:48:00	72.6	75.1	63.8
21-Dec-08	17:53:00	70.7	73.6	64.0
21-Dec-08	17:58:00	71.4	74.5	63.8
21-Dec-08	18:03:00	70.8	73.4	63.0
21-Dec-08	18:08:00	70.2	72.9	62.9
21-Dec-08	18:13:00	71.9	74.5	64.9
21-Dec-08	18:18:00	69.8	72.7	61.1
21-Dec-08	18:23:00	72.0	75.0	61.8
21-Dec-08	18:28:00	70.2	73.4	62.7
21-Dec-08	18:33:00	70.3	73.7	61.3
21-Dec-08	18:38:00	72.0	74.5	62.1
21-Dec-08	18:43:00	70.8	73.7	63.2
21-Dec-08	18:48:00	72.7	74.6	63.8
21-Dec-08	18:53:00	70.5	73.8	60.5
21-Dec-08	18:58:00	70.6	73.6	64.7

## Appendix B2&B3

### Evening Time and Holiday Noise Level at The Harbour View (NC10)

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
21-Dec-08	19:03:00	70.6	73.5	61.5
21-Dec-08	19:08:00	69.9	73.0	60.9
21-Dec-08	19:13:00	71.3	73.6	62.7
21-Dec-08	19:18:00	70.9	73.5	62.4
21-Dec-08	19:23:00	71.4	74.5	62.4
21-Dec-08	19:28:00	69.9	73.2	57.7
21-Dec-08	19:33:00	71.0	74.2	60.6
21-Dec-08	19:38:00	70.1	73.6	57.8
21-Dec-08	19:43:00	69.5	73.2	56.4
21-Dec-08	19:48:00	70.1	73.9	56.8
21-Dec-08	19:53:00	70.0	73.3	58.5
21-Dec-08	19:58:00	70.5	73.9	59.3
21-Dec-08	20:03:00	68.3	72.4	56.7
21-Dec-08	20:08:00	69.4	72.6	55.5
21-Dec-08	20:13:00	73.2	74.0	55.0
21-Dec-08	20:18:00	69.4	72.7	55.0
21-Dec-08	20:23:00	69.1	72.8	54.3
21-Dec-08	20:28:00	69.9	73.0	57.5
21-Dec-08	20:33:00	67.5	71.8	54.2
21-Dec-08	20:38:00	66.7	71.2	54.8
21-Dec-08	20:43:00	68.9	72.8	55.6
21-Dec-08	20:48:00	68.2	72.5	54.7
21-Dec-08	20:53:00	68.6	72.8	56.8
21-Dec-08	20:58:00	70.1	71.6	57.4
21-Dec-08	21:03:00	67.8	72.1	54.6
21-Dec-08	21:08:00	71.2	73.3	54.9
21-Dec-08	21:13:00	67.8	72.2	55.5
21-Dec-08	21:18:00	69.9	72.1	53.8
21-Dec-08	21:23:00	68.1	72.1	55.1
21-Dec-08	21:28:00	66.7	71.3	54.2
21-Dec-08	21:33:00	68.3	72.1	56.3
21-Dec-08	21:38:00	66.3	71.3	53.8
21-Dec-08	21:43:00	68.2	72.4	54.3
21-Dec-08	21:48:00	66.6	70.8	54.7
21-Dec-08	21:53:00	68.6	72.4	54.5
21-Dec-08	21:58:00	68.6	72.8	54.6
21-Dec-08	22:03:00	67.4	71.3	54.2
21-Dec-08	22:08:00	67.8	71.5	55.2
21-Dec-08	22:13:00	67.7	72.2	54.2
21-Dec-08	22:18:00	68.4	72.4	53.4
21-Dec-08	22:23:00	70.0	73.2	55.4
21-Dec-08	22:28:00	69.1	72.2	55.1
21-Dec-08	22:33:00	67.1	71.6	54.3
21-Dec-08	22:38:00	67.2	71.6	53.2
21-Dec-08	22:43:00	68.6	72.7	53.5
21-Dec-08	22:48:00	67.6	72.0	53.7
21-Dec-08	22:53:00	68.8	71.8	54.8
21-Dec-08	22:58:00	66.1	71.3	52.8

Mean 70.9 74.1 60.4  
 Maximum 74.4 76.3 65.9  
 Minimum 66.1 70.4 52.8

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
22-Dec-08	19:03:00	70.5	73.2	62.7
22-Dec-08	19:08:00	69.7	72.5	60.2
22-Dec-08	19:13:00	70.4	73.4	62.2
22-Dec-08	19:18:00	70.6	73.6	62.0
22-Dec-08	19:23:00	71.2	73.7	64.9
22-Dec-08	19:28:00	72.9	75.1	64.0
22-Dec-08	19:33:00	69.8	72.9	62.4
22-Dec-08	19:38:00	70.2	73.6	61.7
22-Dec-08	19:43:00	69.2	72.6	60.1
22-Dec-08	19:48:00	70.3	73.6	60.8
22-Dec-08	19:53:00	69.3	72.7	58.3
22-Dec-08	19:58:00	69.5	73.2	59.3
22-Dec-08	20:03:00	69.3	72.7	58.1
22-Dec-08	20:08:00	69.4	73.1	56.2
22-Dec-08	20:13:00	70.1	72.7	58.1
22-Dec-08	20:18:00	69.5	73.0	59.0
22-Dec-08	20:23:00	67.5	71.4	54.1
22-Dec-08	20:28:00	70.2	73.1	56.1
22-Dec-08	20:33:00	68.8	72.2	54.8
22-Dec-08	20:38:00	68.6	72.5	55.6
22-Dec-08	20:43:00	69.5	73.0	55.9
22-Dec-08	20:48:00	70.1	73.3	54.7
22-Dec-08	20:53:00	68.8	72.3	54.6
22-Dec-08	20:58:00	67.1	71.6	54.1
22-Dec-08	21:03:00	69.3	73.1	56.9
22-Dec-08	21:08:00	68.3	72.0	56.1
22-Dec-08	21:13:00	67.0	71.4	55.1
22-Dec-08	21:18:00	70.5	73.2	55.1
22-Dec-08	21:23:00	66.7	71.3	53.6
22-Dec-08	21:28:00	67.6	71.8	54.4
22-Dec-08	21:33:00	66.2	70.9	53.2
22-Dec-08	21:38:00	69.5	72.1	53.2
22-Dec-08	21:43:00	68.6	72.7	55.0
22-Dec-08	21:48:00	66.9	71.1	53.8
22-Dec-08	21:53:00	68.3	71.7	54.6
22-Dec-08	21:58:00	71.9	72.9	56.9
22-Dec-08	22:03:00	69.7	71.7	53.6
22-Dec-08	22:08:00	69.7	73.3	55.0
22-Dec-08	22:13:00	66.7	71.0	54.1
22-Dec-08	22:18:00	68.8	72.2	53.9
22-Dec-08	22:23:00	67.7	72.3	54.4
22-Dec-08	22:28:00	70.1	72.5	54.5
22-Dec-08	22:33:00	68.0	72.1	53.2
22-Dec-08	22:38:00	65.6	70.4	52.5
22-Dec-08	22:43:00	69.5	72.2	54.4
22-Dec-08	22:48:00	68.5	71.7	53.9
22-Dec-08	22:53:00	67.1	71.7	54.0
22-Dec-08	22:58:00	64.8	69.6	52.8

Mean 69.2 72.5 58.0  
 Maximum 72.9 75.1 64.9  
 Minimum 64.8 69.6 52.5

Evening Time and Holiday Noise Level at The Harbour View (NC10)			
	Leq	L10	L90
Mean	69.9	73.1	59.1
Max	74.7	76.3	66.5
Min	64.4	66.0	52.0

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**APPENDIX B4  
NIGHT-TIME 23:00-07:00HRS OF THE  
NEXT DAY BASELINE NOISE  
MONITORING DATA**

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## Appendix B4

### Night Time Noise Level at Man Yuen Garden (NC4)

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
25-Nov-08	00:03:00	53.4	57.2	46.1
25-Nov-08	00:08:00	53.5	59.4	45.6
25-Nov-08	00:13:00	55.4	59.0	45.3
25-Nov-08	00:18:00	54.8	60.1	45.7
25-Nov-08	00:23:00	53.4	58.4	45.1
25-Nov-08	00:28:00	53.7	58.8	44.8
25-Nov-08	00:33:00	52.9	57.6	44.6
25-Nov-08	00:38:00	52.8	57.0	44.9
25-Nov-08	00:43:00	54.3	59.4	44.6
25-Nov-08	00:48:00	52.4	57.4	44.4
25-Nov-08	00:53:00	50.9	52.1	44.1
25-Nov-08	00:58:00	53.5	58.0	44.3
25-Nov-08	01:03:00	58.8	58.9	44.3
25-Nov-08	01:08:00	47.0	45.7	43.4
25-Nov-08	01:13:00	55.3	59.9	45.4
25-Nov-08	01:18:00	44.9	45.8	43.9
25-Nov-08	01:23:00	52.7	57.0	43.7
25-Nov-08	01:28:00	53.6	59.0	44.1
25-Nov-08	01:33:00	48.2	50.1	44.1
25-Nov-08	01:38:00	45.0	45.9	44.1
25-Nov-08	01:43:00	48.3	47.9	44.4
25-Nov-08	01:48:00	51.9	46.2	44.0
25-Nov-08	01:53:00	51.6	56.7	43.6
25-Nov-08	01:58:00	55.3	60.8	44.6
25-Nov-08	02:03:00	51.3	54.7	44.0
25-Nov-08	02:08:00	49.4	51.8	43.6
25-Nov-08	02:13:00	48.9	50.3	43.4
25-Nov-08	02:18:00	44.4	45.0	43.3
25-Nov-08	02:23:00	50.4	54.0	43.4
25-Nov-08	02:28:00	49.4	52.2	44.5
25-Nov-08	02:33:00	48.0	49.9	44.4
25-Nov-08	02:38:00	48.0	49.2	43.4
25-Nov-08	02:43:00	44.4	45.3	43.2
25-Nov-08	02:48:00	44.4	45.0	43.3
25-Nov-08	02:53:00	49.9	52.3	43.6
25-Nov-08	02:58:00	48.0	48.3	43.3
25-Nov-08	03:03:00	46.1	45.7	43.4
25-Nov-08	03:08:00	44.1	44.9	43.2
25-Nov-08	03:13:00	44.8	45.3	43.2
25-Nov-08	03:18:00	46.9	45.5	43.3
25-Nov-08	03:23:00	49.3	46.1	43.3
25-Nov-08	03:28:00	52.8	55.6	43.7
25-Nov-08	03:33:00	46.5	45.8	43.3
25-Nov-08	03:38:00	50.5	55.0	44.1
25-Nov-08	03:43:00	47.4	47.1	43.4
25-Nov-08	03:48:00	44.4	45.4	43.3
25-Nov-08	03:53:00	52.0	55.0	43.2
25-Nov-08	03:58:00	43.7	44.7	42.7
25-Nov-08	04:03:00	49.8	54.1	43.3
25-Nov-08	04:08:00	51.7	54.5	43.3
25-Nov-08	04:13:00	44.4	45.0	43.3

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
25-Nov-08	04:18:00	46.5	45.8	43.2
25-Nov-08	04:23:00	44.1	45.0	43.2
25-Nov-08	04:28:00	44.1	45.0	43.1
25-Nov-08	04:33:00	43.7	44.7	42.7
25-Nov-08	04:38:00	46.0	45.4	43.2
25-Nov-08	04:43:00	49.4	51.9	43.4
25-Nov-08	04:48:00	44.0	44.9	43.2
25-Nov-08	04:53:00	43.9	44.7	43.1
25-Nov-08	04:58:00	45.2	45.0	43.1
25-Nov-08	05:03:00	52.2	53.4	43.3
25-Nov-08	05:08:00	47.4	46.3	43.4
25-Nov-08	05:13:00	47.6	47.1	43.5
25-Nov-08	05:18:00	48.4	50.6	43.7
25-Nov-08	05:23:00	51.6	53.0	44.1
25-Nov-08	05:28:00	53.5	55.4	44.1
25-Nov-08	05:33:00	50.4	53.8	44.2
25-Nov-08	05:38:00	53.9	57.7	45.4
25-Nov-08	05:43:00	55.1	58.6	44.5
25-Nov-08	05:48:00	53.4	56.4	45.9
25-Nov-08	05:53:00	55.2	57.3	45.4
25-Nov-08	05:58:00	53.9	59.2	44.4
25-Nov-08	06:03:00	54.9	55.0	44.9
25-Nov-08	06:08:00	51.7	56.2	45.4
25-Nov-08	06:13:00	58.0	60.9	45.4
25-Nov-08	06:18:00	59.9	63.7	45.4
25-Nov-08	06:23:00	61.0	64.3	53.4
25-Nov-08	06:28:00	53.7	57.8	46.6
25-Nov-08	06:33:00	58.9	62.0	47.4
25-Nov-08	06:38:00	58.8	61.9	48.7
25-Nov-08	06:43:00	58.0	61.5	46.7
25-Nov-08	06:48:00	59.3	63.2	49.6
25-Nov-08	06:53:00	60.8	64.6	49.6
25-Nov-08	06:58:00	62.2	65.0	53.6
25-Nov-08	23:03:00	59.5	63.6	49.2
25-Nov-08	23:08:00	58.1	62.0	48.9
25-Nov-08	23:13:00	59.5	62.4	48.8
25-Nov-08	23:18:00	56.8	61.1	47.8
25-Nov-08	23:23:00	58.1	62.6	48.0
25-Nov-08	23:28:00	57.3	61.8	47.6
25-Nov-08	23:33:00	54.7	59.3	47.3
25-Nov-08	23:38:00	56.0	60.4	47.1
25-Nov-08	23:43:00	56.0	60.4	47.7
25-Nov-08	23:48:00	54.0	58.9	46.8
25-Nov-08	23:53:00	57.9	61.6	47.5
25-Nov-08	23:58:00	60.7	62.9	46.9
	Mean	54.4	57.9	45.7
	Maximum	62.2	65.0	53.6
	Minimum	43.7	44.7	42.7

## Appendix B4

### Night Time Noise Level at Man Yuen Garden (NC4)

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
26-Nov-08	00:03:00	54.6	59.3	46.3
26-Nov-08	00:08:00	56.5	61.0	47.3
26-Nov-08	00:13:00	56.1	60.7	46.5
26-Nov-08	00:18:00	53.8	58.6	47.2
26-Nov-08	00:23:00	53.6	58.0	46.2
26-Nov-08	00:28:00	55.5	59.9	46.9
26-Nov-08	00:33:00	55.0	59.1	47.4
26-Nov-08	00:38:00	52.6	55.6	46.5
26-Nov-08	00:43:00	52.0	55.7	45.7
26-Nov-08	00:48:00	64.6	58.7	45.7
26-Nov-08	00:53:00	55.2	58.7	46.4
26-Nov-08	00:58:00	52.8	58.0	45.5
26-Nov-08	01:03:00	52.7	57.3	45.3
26-Nov-08	01:08:00	52.7	56.0	45.1
26-Nov-08	01:13:00	49.2	49.0	44.7
26-Nov-08	01:18:00	50.2	54.3	45.2
26-Nov-08	01:23:00	49.6	49.4	45.2
26-Nov-08	01:28:00	49.8	53.4	44.9
26-Nov-08	01:33:00	51.6	55.8	45.2
26-Nov-08	01:38:00	50.1	54.2	44.8
26-Nov-08	01:43:00	49.1	51.3	44.3
26-Nov-08	01:48:00	49.8	49.1	44.4
26-Nov-08	01:53:00	48.8	48.6	44.3
26-Nov-08	01:58:00	47.7	45.7	43.5
26-Nov-08	02:03:00	46.7	45.9	43.6
26-Nov-08	02:08:00	50.1	52.2	44.5
26-Nov-08	02:13:00	47.5	46.0	43.9
26-Nov-08	02:18:00	49.3	49.6	43.7
26-Nov-08	02:23:00	47.7	47.8	44.1
26-Nov-08	02:28:00	44.5	45.3	43.5
26-Nov-08	02:33:00	49.4	51.3	43.7
26-Nov-08	02:38:00	46.9	45.9	43.6
26-Nov-08	02:43:00	46.5	45.8	43.6
26-Nov-08	02:48:00	45.2	45.9	43.9
26-Nov-08	02:53:00	49.0	46.0	43.4
26-Nov-08	02:58:00	48.7	48.2	43.4
26-Nov-08	03:03:00	44.2	45.0	43.3
26-Nov-08	03:08:00	48.7	49.4	43.3
26-Nov-08	03:13:00	51.9	55.3	43.3
26-Nov-08	03:18:00	49.4	48.4	43.6
26-Nov-08	03:23:00	44.2	45.0	43.2
26-Nov-08	03:28:00	45.6	45.8	43.4
26-Nov-08	03:33:00	46.1	45.6	43.3
26-Nov-08	03:38:00	44.5	45.3	43.4
26-Nov-08	03:43:00	47.6	48.5	43.5
26-Nov-08	03:48:00	47.5	45.9	43.3
26-Nov-08	03:53:00	46.5	47.7	43.2
26-Nov-08	03:58:00	44.2	45.0	43.2
26-Nov-08	04:03:00	47.2	45.5	43.3
26-Nov-08	04:08:00	50.6	52.8	43.4
26-Nov-08	04:13:00	49.1	51.6	43.2

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
26-Nov-08	04:18:00	44.0	44.9	43.2
26-Nov-08	04:23:00	44.3	45.4	43.2
26-Nov-08	04:28:00	44.0	44.9	43.1
26-Nov-08	04:33:00	45.7	45.7	43.3
26-Nov-08	04:38:00	47.9	46.4	43.1
26-Nov-08	04:43:00	47.7	48.6	43.9
26-Nov-08	04:48:00	46.4	48.3	43.3
26-Nov-08	04:53:00	48.9	45.9	43.3
26-Nov-08	04:58:00	49.6	49.9	43.2
26-Nov-08	05:03:00	48.4	47.5	43.3
26-Nov-08	05:08:00	51.0	54.3	43.9
26-Nov-08	05:13:00	48.7	49.6	43.8
26-Nov-08	05:18:00	49.1	49.3	44.2
26-Nov-08	05:23:00	47.3	49.4	43.9
26-Nov-08	05:28:00	49.1	52.1	44.1
26-Nov-08	05:33:00	51.6	56.4	44.2
26-Nov-08	05:38:00	53.7	58.2	44.7
26-Nov-08	05:43:00	56.6	59.8	47.7
26-Nov-08	05:48:00	53.4	56.4	46.9
26-Nov-08	05:53:00	48.8	50.1	46.4
26-Nov-08	05:58:00	50.6	52.5	45.4
26-Nov-08	06:03:00	57.1	60.3	46.8
26-Nov-08	06:08:00	55.2	59.0	45.5
26-Nov-08	06:13:00	58.0	62.0	47.4
26-Nov-08	06:18:00	59.7	63.2	46.4
26-Nov-08	06:23:00	54.4	59.3	46.2
26-Nov-08	06:28:00	53.6	58.7	45.8
26-Nov-08	06:33:00	59.8	64.3	46.8
26-Nov-08	06:38:00	58.2	62.8	47.7
26-Nov-08	06:43:00	57.9	62.2	49.1
26-Nov-08	06:48:00	58.5	62.6	48.9
26-Nov-08	06:53:00	61.9	65.2	58.3
26-Nov-08	06:58:00	62.8	65.8	58.4
26-Nov-08	23:03:00	57.5	62.0	47.3
26-Nov-08	23:08:00	59.8	62.2	47.5
26-Nov-08	23:13:00	58.8	62.9	47.9
26-Nov-08	23:18:00	57.6	62.0	48.4
26-Nov-08	23:23:00	58.8	62.9	48.5
26-Nov-08	23:28:00	56.9	61.9	47.3
26-Nov-08	23:33:00	56.9	61.7	47.2
26-Nov-08	23:38:00	55.9	60.5	46.8
26-Nov-08	23:43:00	59.9	62.7	46.8
26-Nov-08	23:48:00	57.4	61.5	47.2
26-Nov-08	23:53:00	55.8	60.4	46.9
26-Nov-08	23:58:00	53.9	58.6	46.6
	Mean	54.6	57.8	46.8
	Maximum	64.6	65.8	58.4
	Minimum	44.0	44.9	43.1

## Appendix B4

### Night Time Noise Level at Man Yuen Garden (NC4)

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
27-Nov-08	00:03:00	54.4	59.0	47.4
27-Nov-08	00:08:00	54.0	58.6	46.4
27-Nov-08	00:13:00	53.5	54.0	47.6
27-Nov-08	00:18:00	55.2	60.0	48.1
27-Nov-08	00:23:00	51.9	53.7	47.4
27-Nov-08	00:28:00	53.3	53.5	47.2
27-Nov-08	00:33:00	57.6	56.9	47.2
27-Nov-08	00:38:00	53.9	58.1	46.6
27-Nov-08	00:43:00	52.3	56.6	46.3
27-Nov-08	00:48:00	52.4	54.8	47.4
27-Nov-08	00:53:00	55.7	57.6	47.3
27-Nov-08	00:58:00	53.2	57.9	46.5
27-Nov-08	01:03:00	53.2	57.7	46.5
27-Nov-08	01:08:00	53.1	57.0	47.0
27-Nov-08	01:13:00	54.0	58.2	47.1
27-Nov-08	01:18:00	52.9	56.1	46.0
27-Nov-08	01:23:00	50.9	49.0	45.0
27-Nov-08	01:28:00	56.9	55.5	45.5
27-Nov-08	01:33:00	55.5	58.3	45.1
27-Nov-08	01:38:00	53.5	56.3	45.3
27-Nov-08	01:43:00	48.3	47.5	44.3
27-Nov-08	01:48:00	50.3	52.3	44.4
27-Nov-08	01:53:00	50.9	54.9	44.3
27-Nov-08	01:58:00	49.8	48.2	44.6
27-Nov-08	02:03:00	51.5	56.0	44.3
27-Nov-08	02:08:00	50.3	54.6	44.5
27-Nov-08	02:13:00	49.6	49.6	44.9
27-Nov-08	02:18:00	45.2	46.0	44.2
27-Nov-08	02:23:00	47.5	47.3	44.4
27-Nov-08	02:28:00	47.4	46.5	44.1
27-Nov-08	02:33:00	49.8	52.1	45.2
27-Nov-08	02:38:00	50.2	52.7	45.2
27-Nov-08	02:43:00	52.6	56.1	45.3
27-Nov-08	02:48:00	49.7	51.9	45.4
27-Nov-08	02:53:00	50.3	52.6	44.8
27-Nov-08	02:58:00	47.9	50.3	45.4
27-Nov-08	03:03:00	50.9	53.8	45.8
27-Nov-08	03:08:00	50.3	50.4	45.0
27-Nov-08	03:13:00	48.6	49.3	45.1
27-Nov-08	03:18:00	47.7	48.4	45.0
27-Nov-08	03:23:00	49.4	50.0	45.7
27-Nov-08	03:28:00	51.1	53.5	44.8
27-Nov-08	03:33:00	49.8	50.8	45.2
27-Nov-08	03:38:00	48.9	51.6	43.9
27-Nov-08	03:43:00	51.5	53.0	44.9
27-Nov-08	03:48:00	52.6	57.7	44.9
27-Nov-08	03:53:00	46.7	47.8	44.4
27-Nov-08	03:58:00	47.3	47.5	44.6
27-Nov-08	04:03:00	49.6	51.9	45.2
27-Nov-08	04:08:00	50.2	53.6	45.4
27-Nov-08	04:13:00	47.7	49.4	45.9

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
27-Nov-08	04:18:00	50.6	54.3	45.8
27-Nov-08	04:23:00	46.5	48.0	44.5
27-Nov-08	04:28:00	47.8	48.1	44.5
27-Nov-08	04:33:00	48.9	47.2	44.4
27-Nov-08	04:38:00	49.1	47.9	44.5
27-Nov-08	04:43:00	51.7	55.0	46.5
27-Nov-08	04:48:00	49.9	52.9	46.1
27-Nov-08	04:53:00	48.2	48.0	45.2
27-Nov-08	04:58:00	50.0	52.6	46.0
27-Nov-08	05:03:00	50.9	53.8	46.4
27-Nov-08	05:08:00	53.4	57.3	46.2
27-Nov-08	05:13:00	52.8	55.6	47.4
27-Nov-08	05:18:00	52.5	54.9	46.1
27-Nov-08	05:23:00	51.2	52.8	46.4
27-Nov-08	05:28:00	52.3	55.1	48.0
27-Nov-08	05:33:00	52.9	54.9	47.3
27-Nov-08	05:38:00	56.4	59.3	49.8
27-Nov-08	05:43:00	55.5	59.3	47.3
27-Nov-08	05:48:00	56.1	59.3	49.0
27-Nov-08	05:53:00	52.2	55.0	48.0
27-Nov-08	05:58:00	53.7	56.5	47.9
27-Nov-08	06:03:00	57.7	61.6	48.8
27-Nov-08	06:08:00	57.2	60.5	49.2
27-Nov-08	06:13:00	58.1	61.7	47.6
27-Nov-08	06:18:00	57.5	61.0	48.0
27-Nov-08	06:23:00	54.9	58.8	48.0
27-Nov-08	06:28:00	55.7	59.5	48.9
27-Nov-08	06:33:00	59.7	62.7	48.5
27-Nov-08	06:38:00	57.8	62.2	48.7
27-Nov-08	06:43:00	59.3	62.6	50.0
27-Nov-08	06:48:00	59.3	63.7	50.4
27-Nov-08	06:53:00	60.2	63.9	51.3
27-Nov-08	06:58:00	62.5	65.5	57.6
27-Nov-08	23:03:00	60.7	64.9	50.4
27-Nov-08	23:08:00	59.6	63.9	50.1
27-Nov-08	23:13:00	59.4	63.2	51.0
27-Nov-08	23:18:00	59.0	63.4	49.4
27-Nov-08	23:23:00	58.6	62.8	49.1
27-Nov-08	23:28:00	57.5	62.0	48.5
27-Nov-08	23:33:00	58.7	62.6	50.2
27-Nov-08	23:38:00	58.4	62.2	48.2
27-Nov-08	23:43:00	57.6	61.8	47.9
27-Nov-08	23:48:00	57.9	63.2	48.1
27-Nov-08	23:53:00	56.0	60.8	48.3
27-Nov-08	23:58:00	57.8	62.1	49.4
	Mean	54.9	58.4	47.5
	Maximum	62.5	65.5	57.6
	Minimum	45.2	46.0	43.9



## Appendix B4

### Night Time Noise Level at Man Yuen Garden (NC4)

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
28-Nov-08	00:03:00	55.8	59.7	48.0
28-Nov-08	00:08:00	53.6	57.8	47.1
28-Nov-08	00:13:00	54.3	58.6	48.3
28-Nov-08	00:18:00	56.8	60.0	48.4
28-Nov-08	00:23:00	55.7	60.0	48.7
28-Nov-08	00:28:00	55.6	58.9	47.3
28-Nov-08	00:33:00	55.4	60.0	47.4
28-Nov-08	00:38:00	53.1	55.7	46.6
28-Nov-08	00:43:00	55.1	59.3	46.5
28-Nov-08	00:48:00	59.7	63.3	48.7
28-Nov-08	00:53:00	55.6	60.0	46.5
28-Nov-08	00:58:00	53.6	57.3	46.6
28-Nov-08	01:03:00	55.3	60.0	45.8
28-Nov-08	01:08:00	57.2	60.3	45.5
28-Nov-08	01:13:00	54.5	59.3	44.7
28-Nov-08	01:18:00	57.8	58.7	44.8
28-Nov-08	01:23:00	51.1	55.8	45.1
28-Nov-08	01:28:00	54.9	59.1	44.7
28-Nov-08	01:33:00	50.4	54.0	44.1
28-Nov-08	01:38:00	50.7	54.3	44.4
28-Nov-08	01:43:00	53.1	58.1	45.6
28-Nov-08	01:48:00	51.4	54.2	44.5
28-Nov-08	01:53:00	50.1	52.3	43.6
28-Nov-08	01:58:00	50.1	53.0	44.1
28-Nov-08	02:03:00	60.8	54.1	44.1
28-Nov-08	02:08:00	51.2	49.7	44.8
28-Nov-08	02:13:00	48.5	45.7	43.2
28-Nov-08	02:18:00	47.5	48.7	44.0
28-Nov-08	02:23:00	46.3	48.6	44.1
28-Nov-08	02:28:00	49.6	49.0	43.9
28-Nov-08	02:33:00	49.0	50.2	43.3
28-Nov-08	02:38:00	44.9	45.8	43.4
28-Nov-08	02:43:00	51.0	54.0	44.7
28-Nov-08	02:48:00	50.1	51.2	43.8
28-Nov-08	02:53:00	51.7	55.9	43.4
28-Nov-08	02:58:00	47.5	47.7	42.6
28-Nov-08	03:03:00	50.7	52.6	44.6
28-Nov-08	03:08:00	50.7	50.8	44.3
28-Nov-08	03:13:00	48.3	51.6	43.5
28-Nov-08	03:18:00	48.3	51.0	44.7
28-Nov-08	03:23:00	48.6	51.4	43.6
28-Nov-08	03:28:00	52.6	50.6	43.1
28-Nov-08	03:33:00	48.3	51.9	42.3
28-Nov-08	03:38:00	50.6	50.5	43.2
28-Nov-08	03:43:00	48.5	48.1	42.6
28-Nov-08	03:48:00	49.4	53.3	43.1
28-Nov-08	03:53:00	46.1	46.9	42.5
28-Nov-08	03:58:00	43.6	44.5	42.1
28-Nov-08	04:03:00	50.4	44.7	41.6
28-Nov-08	04:08:00	46.7	47.4	42.8
28-Nov-08	04:13:00	50.7	52.7	44.3

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
28-Nov-08	04:18:00	49.0	47.8	43.1
28-Nov-08	04:23:00	43.4	44.6	42.2
28-Nov-08	04:28:00	49.5	48.0	42.1
28-Nov-08	04:33:00	43.9	45.2	42.4
28-Nov-08	04:38:00	45.4	48.2	43.1
28-Nov-08	04:43:00	44.2	45.8	42.2
28-Nov-08	04:48:00	46.4	45.9	42.6
28-Nov-08	04:53:00	42.9	43.8	41.8
28-Nov-08	04:58:00	44.5	45.7	42.3
28-Nov-08	05:03:00	50.5	51.1	41.9
28-Nov-08	05:08:00	48.6	51.1	42.4
28-Nov-08	05:13:00	51.5	54.5	43.1
28-Nov-08	05:18:00	50.2	52.4	42.3
28-Nov-08	05:23:00	49.1	53.3	42.4
28-Nov-08	05:28:00	47.8	47.6	42.3
28-Nov-08	05:33:00	50.6	53.0	43.7
28-Nov-08	05:38:00	52.6	57.0	43.3
28-Nov-08	05:43:00	56.4	59.9	44.8
28-Nov-08	05:48:00	54.7	57.6	45.0
28-Nov-08	05:53:00	50.2	54.5	43.3
28-Nov-08	05:58:00	56.6	61.6	43.6
28-Nov-08	06:03:00	59.3	63.1	44.8
28-Nov-08	06:08:00	54.7	57.4	45.3
28-Nov-08	06:13:00	57.9	61.8	48.2
28-Nov-08	06:18:00	57.3	60.6	46.1
28-Nov-08	06:23:00	54.9	58.2	46.4
28-Nov-08	06:28:00	55.0	57.3	51.8
28-Nov-08	06:33:00	59.1	62.7	46.3
28-Nov-08	06:38:00	57.5	61.9	46.5
28-Nov-08	06:43:00	57.7	61.6	47.1
28-Nov-08	06:48:00	59.7	63.8	49.0
28-Nov-08	06:53:00	58.1	62.6	47.8
28-Nov-08	06:58:00	60.7	64.9	52.5
28-Nov-08	23:03:00	59.0	63.2	48.6
28-Nov-08	23:08:00	61.5	65.3	48.7
28-Nov-08	23:13:00	59.8	64.3	48.6
28-Nov-08	23:18:00	60.7	63.9	51.8
28-Nov-08	23:23:00	60.0	64.3	49.2
28-Nov-08	23:28:00	59.7	63.5	48.9
28-Nov-08	23:33:00	59.7	63.6	48.6
28-Nov-08	23:38:00	58.4	62.3	47.6
28-Nov-08	23:43:00	58.0	62.2	47.5
28-Nov-08	23:48:00	57.0	62.0	46.8
28-Nov-08	23:53:00	58.4	62.6	46.3
28-Nov-08	23:58:00	55.2	60.4	45.4
	Mean	55.1	58.7	45.9
	Maximum	61.5	65.3	52.5
	Minimum	42.9	43.8	41.6

## Appendix B4

### Night Time Noise Level at Man Yuen Garden (NC4)

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
29-Nov-08	00:03:00	58.9	63.3	48.4
29-Nov-08	00:08:00	58.6	63.2	46.7
29-Nov-08	00:13:00	57.3	61.7	47.5
29-Nov-08	00:18:00	57.8	62.7	45.5
29-Nov-08	00:23:00	55.8	60.4	45.5
29-Nov-08	00:28:00	57.0	62.3	45.8
29-Nov-08	00:33:00	56.1	60.8	45.5
29-Nov-08	00:38:00	53.6	58.5	44.4
29-Nov-08	00:43:00	52.6	56.7	44.6
29-Nov-08	00:48:00	54.3	58.2	45.3
29-Nov-08	00:53:00	55.3	60.0	45.0
29-Nov-08	00:58:00	56.9	61.3	44.4
29-Nov-08	01:03:00	51.7	56.6	44.1
29-Nov-08	01:08:00	56.0	60.8	44.5
29-Nov-08	01:13:00	56.7	60.8	45.2
29-Nov-08	01:18:00	56.1	61.2	43.6
29-Nov-08	01:23:00	55.3	58.2	44.0
29-Nov-08	01:28:00	53.1	56.5	43.3
29-Nov-08	01:33:00	54.4	59.0	44.3
29-Nov-08	01:38:00	52.6	57.1	43.8
29-Nov-08	01:43:00	54.2	58.6	43.6
29-Nov-08	01:48:00	54.1	59.5	44.1
29-Nov-08	01:53:00	56.9	60.5	43.7
29-Nov-08	01:58:00	54.2	59.9	43.9
29-Nov-08	02:03:00	48.0	50.3	43.4
29-Nov-08	02:08:00	50.5	51.3	43.3
29-Nov-08	02:13:00	53.7	58.0	43.6
29-Nov-08	02:18:00	53.5	58.4	44.1
29-Nov-08	02:23:00	52.9	56.6	43.4
29-Nov-08	02:28:00	51.9	55.1	43.1
29-Nov-08	02:33:00	53.1	58.6	43.1
29-Nov-08	02:38:00	53.2	57.7	42.6
29-Nov-08	02:43:00	50.9	54.6	43.1
29-Nov-08	02:48:00	52.0	57.1	43.4
29-Nov-08	02:53:00	46.7	44.8	42.4
29-Nov-08	02:58:00	56.4	56.7	43.1
29-Nov-08	03:03:00	47.3	48.8	43.1
29-Nov-08	03:08:00	54.3	59.6	43.1
29-Nov-08	03:13:00	50.1	47.8	42.2
29-Nov-08	03:18:00	50.2	54.1	42.6
29-Nov-08	03:23:00	46.0	44.9	42.5
29-Nov-08	03:28:00	50.4	51.6	42.4
29-Nov-08	03:33:00	47.5	48.0	42.5
29-Nov-08	03:38:00	46.5	44.8	42.3
29-Nov-08	03:43:00	46.7	44.6	42.2
29-Nov-08	03:48:00	48.6	50.7	42.5
29-Nov-08	03:53:00	48.6	46.5	42.4
29-Nov-08	03:58:00	48.4	45.6	42.3
29-Nov-08	04:03:00	50.0	49.5	42.2
29-Nov-08	04:08:00	52.7	51.8	42.2
29-Nov-08	04:13:00	45.4	44.3	42.1

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
29-Nov-08	04:18:00	44.4	44.3	42.1
29-Nov-08	04:23:00	43.4	44.4	42.3
29-Nov-08	04:28:00	51.9	52.7	42.3
29-Nov-08	04:33:00	51.0	52.6	42.4
29-Nov-08	04:38:00	49.7	49.0	42.3
29-Nov-08	04:43:00	49.8	48.6	42.1
29-Nov-08	04:48:00	48.8	47.9	41.9
29-Nov-08	04:53:00	43.8	43.9	42.1
29-Nov-08	04:58:00	44.8	46.8	42.2
29-Nov-08	05:03:00	47.5	44.4	42.1
29-Nov-08	05:08:00	51.9	50.5	42.3
29-Nov-08	05:13:00	49.7	53.3	42.5
29-Nov-08	05:18:00	47.6	50.4	42.8
29-Nov-08	05:23:00	50.7	55.1	42.6
29-Nov-08	05:28:00	55.3	60.7	43.2
29-Nov-08	05:33:00	52.1	53.8	42.6
29-Nov-08	05:38:00	52.4	48.1	42.3
29-Nov-08	05:43:00	48.2	48.0	42.8
29-Nov-08	05:48:00	51.4	55.8	43.3
29-Nov-08	05:53:00	52.7	54.9	42.1
29-Nov-08	05:58:00	56.3	60.9	43.5
29-Nov-08	06:03:00	53.6	56.9	43.2
29-Nov-08	06:08:00	52.0	57.0	43.5
29-Nov-08	06:13:00	52.5	55.6	43.3
29-Nov-08	06:18:00	57.3	52.6	43.5
29-Nov-08	06:23:00	57.6	59.5	44.1
29-Nov-08	06:28:00	59.7	58.7	43.7
29-Nov-08	06:33:00	54.0	57.8	45.1
29-Nov-08	06:38:00	53.8	58.7	45.5
29-Nov-08	06:43:00	57.5	61.3	45.3
29-Nov-08	06:48:00	60.4	63.8	47.7
29-Nov-08	06:53:00	55.9	61.1	46.8
29-Nov-08	06:58:00	61.0	64.9	46.8
29-Nov-08	23:03:00	59.2	62.8	49.3
29-Nov-08	23:08:00	59.5	63.8	48.7
29-Nov-08	23:13:00	58.8	63.2	48.2
29-Nov-08	23:18:00	59.1	63.0	48.7
29-Nov-08	23:23:00	59.4	62.7	48.6
29-Nov-08	23:28:00	57.3	61.3	46.7
29-Nov-08	23:33:00	58.0	63.2	47.4
29-Nov-08	23:38:00	57.1	61.7	46.6
29-Nov-08	23:43:00	56.2	60.4	46.5
29-Nov-08	23:48:00	56.7	61.5	46.6
29-Nov-08	23:53:00	58.1	62.5	47.1
29-Nov-08	23:58:00	57.6	62.7	47.1
	Mean	54.9	58.8	44.6
	Maximum	61.0	64.9	49.3
	Minimum	43.4	43.9	41.9

## Appendix B4

### Night Time Noise Level at Man Yuen Garden (NC4)

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
30-Nov-08	00:03:00	57.3	61.9	47.5
30-Nov-08	00:08:00	59.4	64.0	48.9
30-Nov-08	00:13:00	55.7	60.8	46.3
30-Nov-08	00:18:00	56.0	60.9	46.5
30-Nov-08	00:23:00	57.4	62.1	47.2
30-Nov-08	00:28:00	55.4	60.4	46.6
30-Nov-08	00:33:00	57.0	61.4	47.0
30-Nov-08	00:38:00	56.4	61.0	46.2
30-Nov-08	00:43:00	58.1	61.1	46.8
30-Nov-08	00:48:00	52.9	57.6	46.1
30-Nov-08	00:53:00	54.4	58.6	46.0
30-Nov-08	00:58:00	55.0	59.8	45.3
30-Nov-08	01:03:00	56.7	60.5	45.3
30-Nov-08	01:08:00	54.1	59.0	44.7
30-Nov-08	01:13:00	56.3	60.4	46.1
30-Nov-08	01:18:00	54.8	59.4	46.2
30-Nov-08	01:23:00	53.9	59.6	44.7
30-Nov-08	01:28:00	54.4	59.7	44.5
30-Nov-08	01:33:00	51.3	55.1	43.8
30-Nov-08	01:38:00	52.0	56.3	43.6
30-Nov-08	01:43:00	48.5	46.5	43.3
30-Nov-08	01:48:00	48.4	51.5	43.6
30-Nov-08	01:53:00	50.3	51.7	43.3
30-Nov-08	01:58:00	55.3	59.5	43.5
30-Nov-08	02:03:00	53.9	59.5	43.4
30-Nov-08	02:08:00	53.2	58.4	43.4
30-Nov-08	02:13:00	51.7	56.5	43.5
30-Nov-08	02:18:00	55.9	60.3	44.5
30-Nov-08	02:23:00	51.2	51.3	43.5
30-Nov-08	02:28:00	53.0	58.2	43.3
30-Nov-08	02:33:00	62.4	62.1	44.6
30-Nov-08	02:38:00	57.0	61.2	43.8
30-Nov-08	02:43:00	52.2	56.8	43.4
30-Nov-08	02:48:00	52.6	57.0	43.4
30-Nov-08	02:53:00	48.7	47.5	43.2
30-Nov-08	02:58:00	43.6	44.7	42.5
30-Nov-08	03:03:00	48.4	53.0	42.8
30-Nov-08	03:08:00	50.9	52.3	43.1
30-Nov-08	03:13:00	46.9	47.5	43.1
30-Nov-08	03:18:00	47.7	47.1	43.2
30-Nov-08	03:23:00	50.3	49.1	43.1
30-Nov-08	03:28:00	48.8	46.6	42.7
30-Nov-08	03:33:00	51.3	51.9	42.7
30-Nov-08	03:38:00	52.1	55.9	43.2
30-Nov-08	03:43:00	45.9	46.0	43.0
30-Nov-08	03:48:00	47.0	46.4	42.5
30-Nov-08	03:53:00	49.3	50.8	42.6
30-Nov-08	03:58:00	47.4	48.5	43.2
30-Nov-08	04:03:00	47.7	46.3	43.0
30-Nov-08	04:08:00	48.9	47.1	42.7
30-Nov-08	04:13:00	52.7	55.8	43.1

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
30-Nov-08	04:18:00	49.8	48.2	43.9
30-Nov-08	04:23:00	52.0	55.3	44.2
30-Nov-08	04:28:00	48.4	50.1	43.2
30-Nov-08	04:33:00	50.8	51.7	43.3
30-Nov-08	04:38:00	48.4	45.6	42.9
30-Nov-08	04:43:00	62.2	58.5	42.8
30-Nov-08	04:48:00	47.8	45.2	42.5
30-Nov-08	04:53:00	48.5	45.9	42.7
30-Nov-08	04:58:00	50.8	48.8	42.7
30-Nov-08	05:03:00	54.2	58.0	42.6
30-Nov-08	05:08:00	48.5	47.6	42.7
30-Nov-08	05:13:00	44.2	45.0	43.1
30-Nov-08	05:18:00	50.3	53.5	43.3
30-Nov-08	05:23:00	52.1	57.5	43.4
30-Nov-08	05:28:00	47.0	44.9	42.4
30-Nov-08	05:33:00	46.3	46.3	43.1
30-Nov-08	05:38:00	49.5	48.4	43.3
30-Nov-08	05:43:00	52.2	55.3	43.4
30-Nov-08	05:48:00	49.0	50.5	44.0
30-Nov-08	05:53:00	49.9	52.8	43.7
30-Nov-08	05:58:00	51.0	53.9	42.9
30-Nov-08	06:03:00	51.7	47.1	43.2
30-Nov-08	06:08:00	48.6	47.9	43.4
30-Nov-08	06:13:00	55.0	60.1	46.1
30-Nov-08	06:18:00	53.5	54.4	44.3
30-Nov-08	06:23:00	50.7	54.7	44.3
30-Nov-08	06:28:00	66.9	58.4	45.7
30-Nov-08	06:33:00	59.1	60.4	45.4
30-Nov-08	06:38:00	56.1	60.1	46.2
30-Nov-08	06:43:00	53.0	57.8	45.0
30-Nov-08	06:48:00	54.3	59.1	46.0
30-Nov-08	06:53:00	57.0	61.8	46.4
30-Nov-08	06:58:00	53.0	57.3	45.6
30-Nov-08	23:03:00	58.7	62.9	48.5
30-Nov-08	23:08:00	57.9	62.4	47.5
30-Nov-08	23:13:00	58.7	62.8	48.2
30-Nov-08	23:18:00	58.2	62.4	46.7
30-Nov-08	23:23:00	58.8	63.1	46.3
30-Nov-08	23:28:00	56.4	60.1	47.7
30-Nov-08	23:33:00	57.7	61.9	47.2
30-Nov-08	23:38:00	55.0	59.9	45.8
30-Nov-08	23:43:00	54.5	59.4	46.5
30-Nov-08	23:48:00	53.7	58.0	45.2
30-Nov-08	23:53:00	53.5	55.4	44.8
30-Nov-08	23:58:00	53.3	58.1	45.1
	Mean	55.1	58.0	44.8
	Maximum	66.9	64.0	48.9
	Minimum	43.6	44.7	42.4

## Appendix B4

### Night Time Noise Level at Man Yuen Garden (NC4)

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
1-Dec-08	00:03:00	54.1	59.1	45.7
1-Dec-08	00:08:00	51.6	55.5	45.5
1-Dec-08	00:13:00	48.8	49.2	44.6
1-Dec-08	00:18:00	55.5	60.9	45.9
1-Dec-08	00:23:00	56.8	62.3	44.5
1-Dec-08	00:28:00	53.7	58.6	44.3
1-Dec-08	00:33:00	51.9	55.3	44.1
1-Dec-08	00:38:00	53.5	57.8	44.2
1-Dec-08	00:43:00	53.9	57.8	44.4
1-Dec-08	00:48:00	55.4	60.1	44.9
1-Dec-08	00:53:00	56.1	61.1	44.4
1-Dec-08	00:58:00	49.7	51.2	43.3
1-Dec-08	01:03:00	54.4	48.9	43.1
1-Dec-08	01:08:00	47.9	47.4	43.1
1-Dec-08	01:13:00	51.3	54.7	43.2
1-Dec-08	01:18:00	46.5	45.2	42.7
1-Dec-08	01:23:00	47.8	46.5	42.5
1-Dec-08	01:28:00	48.4	44.9	42.7
1-Dec-08	01:33:00	48.6	46.9	43.1
1-Dec-08	01:38:00	52.2	52.6	43.2
1-Dec-08	01:43:00	47.3	46.8	43.2
1-Dec-08	01:48:00	50.0	52.9	43.2
1-Dec-08	01:53:00	49.9	48.9	43.2
1-Dec-08	01:58:00	48.7	51.0	43.1
1-Dec-08	02:03:00	48.4	47.6	43.1
1-Dec-08	02:08:00	47.5	46.7	42.7
1-Dec-08	02:13:00	48.9	47.5	43.1
1-Dec-08	02:18:00	47.2	47.3	43.0
1-Dec-08	02:23:00	52.6	57.7	43.1
1-Dec-08	02:28:00	46.0	47.1	42.8
1-Dec-08	02:33:00	44.8	44.2	42.3
1-Dec-08	02:38:00	44.0	45.3	42.4
1-Dec-08	02:43:00	43.2	44.0	42.2
1-Dec-08	02:48:00	48.4	47.9	42.4
1-Dec-08	02:53:00	46.8	44.4	42.1
1-Dec-08	02:58:00	42.9	43.8	42.1
1-Dec-08	03:03:00	47.9	47.5	42.3
1-Dec-08	03:08:00	43.4	44.5	42.3
1-Dec-08	03:13:00	43.4	44.4	42.3
1-Dec-08	03:18:00	43.4	44.1	42.3
1-Dec-08	03:23:00	43.5	44.4	42.5
1-Dec-08	03:28:00	43.2	44.0	42.2
1-Dec-08	03:33:00	43.0	43.8	42.2
1-Dec-08	03:38:00	43.5	44.3	42.5
1-Dec-08	03:43:00	50.9	50.8	43.1
1-Dec-08	03:48:00	43.4	44.4	42.3
1-Dec-08	03:53:00	42.9	43.8	42.1
1-Dec-08	03:58:00	43.2	44.0	42.2
1-Dec-08	04:03:00	44.7	44.7	42.2
1-Dec-08	04:08:00	47.3	47.9	42.2
1-Dec-08	04:13:00	42.9	43.8	42.1

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
1-Dec-08	04:18:00	47.3	50.3	42.3
1-Dec-08	04:23:00	48.2	50.7	42.5
1-Dec-08	04:28:00	50.8	49.5	43.2
1-Dec-08	04:33:00	47.3	46.5	42.3
1-Dec-08	04:38:00	43.1	43.9	42.2
1-Dec-08	04:43:00	46.3	46.8	42.3
1-Dec-08	04:48:00	46.9	44.4	42.2
1-Dec-08	04:53:00	49.8	47.0	42.3
1-Dec-08	04:58:00	48.7	47.3	42.4
1-Dec-08	05:03:00	46.6	44.8	42.3
1-Dec-08	05:08:00	49.0	52.1	42.6
1-Dec-08	05:13:00	50.7	55.0	42.6
1-Dec-08	05:18:00	51.2	54.7	43.7
1-Dec-08	05:23:00	50.2	51.2	43.3
1-Dec-08	05:28:00	49.1	48.4	43.1
1-Dec-08	05:33:00	52.3	56.1	43.2
1-Dec-08	05:38:00	58.6	63.3	47.1
1-Dec-08	05:43:00	58.1	61.4	52.7
1-Dec-08	05:48:00	54.0	57.9	44.5
1-Dec-08	05:53:00	50.3	54.2	44.3
1-Dec-08	05:58:00	51.6	56.1	44.3
1-Dec-08	06:03:00	57.5	60.6	45.1
1-Dec-08	06:08:00	56.7	58.8	44.3
1-Dec-08	06:13:00	58.2	62.5	45.1
1-Dec-08	06:18:00	57.4	61.6	45.2
1-Dec-08	06:23:00	54.7	58.8	45.5
1-Dec-08	06:28:00	59.7	63.2	51.5
1-Dec-08	06:33:00	54.5	56.1	45.6
1-Dec-08	06:38:00	59.1	63.5	46.9
1-Dec-08	06:43:00	59.4	62.5	48.8
1-Dec-08	06:48:00	58.0	61.8	47.8
1-Dec-08	06:53:00	62.0	65.6	51.1
1-Dec-08	06:58:00	62.7	66.0	57.7
1-Dec-08	23:03:00	55.9	61.0	46.8
1-Dec-08	23:08:00	56.4	60.6	47.0
1-Dec-08	23:13:00	58.3	63.0	46.2
1-Dec-08	23:18:00	56.5	60.7	46.9
1-Dec-08	23:23:00	59.7	63.9	48.0
1-Dec-08	23:28:00	56.3	60.9	46.2
1-Dec-08	23:33:00	58.2	62.5	47.6
1-Dec-08	23:38:00	58.4	61.3	46.4
1-Dec-08	23:43:00	55.0	59.9	46.3
1-Dec-08	23:48:00	54.3	58.9	45.2
1-Dec-08	23:53:00	54.7	60.0	45.3
1-Dec-08	23:58:00	56.3	60.4	44.9
	Mean	54.0	57.7	45.6
	Maximum	62.7	66.0	57.7
	Minimum	42.9	43.8	42.1

## Appendix B4

### Night Time Noise Level at Man Yuen Garden (NC4)

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
2-Dec-08	00:03:00	56.4	58.0	44.4
2-Dec-08	00:08:00	49.3	48.1	44.3
2-Dec-08	00:13:00	53.8	59.2	45.4
2-Dec-08	00:18:00	53.2	56.7	44.2
2-Dec-08	00:23:00	51.5	55.0	45.4
2-Dec-08	00:28:00	54.9	59.2	45.5
2-Dec-08	00:33:00	52.9	58.3	44.3
2-Dec-08	00:38:00	53.4	57.8	44.8
2-Dec-08	00:43:00	53.0	58.1	44.3
2-Dec-08	00:48:00	51.9	52.2	43.5
2-Dec-08	00:53:00	49.2	45.0	43.2
2-Dec-08	00:58:00	52.0	56.4	43.5
2-Dec-08	01:03:00	53.8	57.1	43.2
2-Dec-08	01:08:00	47.2	47.8	43.1
2-Dec-08	01:13:00	47.2	45.1	43.2
2-Dec-08	01:18:00	47.0	47.2	43.2
2-Dec-08	01:23:00	49.6	45.2	43.2
2-Dec-08	01:28:00	53.6	58.8	43.4
2-Dec-08	01:33:00	52.6	54.9	43.1
2-Dec-08	01:38:00	53.9	50.7	43.1
2-Dec-08	01:43:00	49.8	50.9	43.1
2-Dec-08	01:48:00	54.0	56.1	42.7
2-Dec-08	01:53:00	54.1	48.7	42.6
2-Dec-08	01:58:00	50.6	48.5	42.5
2-Dec-08	02:03:00	48.8	48.0	42.4
2-Dec-08	02:08:00	50.7	51.7	43.1
2-Dec-08	02:13:00	48.8	46.9	43.1
2-Dec-08	02:18:00	52.2	54.6	42.6
2-Dec-08	02:23:00	47.1	44.6	42.4
2-Dec-08	02:28:00	49.8	51.1	42.6
2-Dec-08	02:33:00	52.5	51.9	43.2
2-Dec-08	02:38:00	43.4	44.0	42.4
2-Dec-08	02:43:00	49.9	52.0	42.6
2-Dec-08	02:48:00	49.2	53.2	43.1
2-Dec-08	02:53:00	46.5	44.7	42.3
2-Dec-08	02:58:00	49.6	44.4	42.3
2-Dec-08	03:03:00	49.7	47.3	42.4
2-Dec-08	03:08:00	51.4	48.1	42.8
2-Dec-08	03:13:00	47.0	44.7	42.4
2-Dec-08	03:18:00	45.7	44.9	42.4
2-Dec-08	03:23:00	49.0	47.3	42.3
2-Dec-08	03:28:00	46.4	44.1	42.2
2-Dec-08	03:33:00	43.2	44.0	42.3
2-Dec-08	03:38:00	46.7	44.6	42.1
2-Dec-08	03:43:00	43.9	45.7	42.2
2-Dec-08	03:48:00	46.4	44.0	42.2
2-Dec-08	03:53:00	46.4	44.1	42.2
2-Dec-08	03:58:00	43.0	43.9	42.2
2-Dec-08	04:03:00	43.1	43.9	42.2
2-Dec-08	04:08:00	56.8	57.7	42.7
2-Dec-08	04:13:00	46.8	47.1	42.3

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
2-Dec-08	04:18:00	44.5	46.4	42.3
2-Dec-08	04:23:00	51.3	47.7	43.8
2-Dec-08	04:28:00	46.7	45.6	43.4
2-Dec-08	04:33:00	43.6	44.5	42.5
2-Dec-08	04:38:00	42.9	43.8	42.1
2-Dec-08	04:43:00	58.1	61.2	42.4
2-Dec-08	04:48:00	47.5	44.5	42.3
2-Dec-08	04:53:00	49.6	53.0	42.4
2-Dec-08	04:58:00	48.7	51.4	42.5
2-Dec-08	05:03:00	48.6	50.2	42.4
2-Dec-08	05:08:00	46.1	44.8	42.3
2-Dec-08	05:13:00	47.9	44.8	42.4
2-Dec-08	05:18:00	48.6	47.9	42.5
2-Dec-08	05:23:00	52.7	55.9	43.3
2-Dec-08	05:28:00	48.7	51.4	43.3
2-Dec-08	05:33:00	50.2	51.7	42.8
2-Dec-08	05:38:00	50.0	53.2	43.4
2-Dec-08	05:43:00	53.9	57.4	43.5
2-Dec-08	05:48:00	56.3	60.1	45.5
2-Dec-08	05:53:00	53.7	57.9	44.2
2-Dec-08	05:58:00	49.1	50.3	43.6
2-Dec-08	06:03:00	51.9	55.7	44.5
2-Dec-08	06:08:00	58.6	62.0	44.7
2-Dec-08	06:13:00	59.3	63.3	44.4
2-Dec-08	06:18:00	58.5	61.6	45.4
2-Dec-08	06:23:00	53.8	57.4	45.4
2-Dec-08	06:28:00	56.7	60.5	45.8
2-Dec-08	06:33:00	59.9	62.4	47.3
2-Dec-08	06:38:00	54.8	58.8	47.1
2-Dec-08	06:43:00	59.8	64.0	47.5
2-Dec-08	06:48:00	61.5	65.4	49.7
2-Dec-08	06:53:00	60.7	64.8	49.3
2-Dec-08	06:58:00	62.5	66.1	51.8
2-Dec-08	23:03:00	57.3	61.5	48.4
2-Dec-08	23:08:00	58.6	62.3	49.1
2-Dec-08	23:13:00	55.8	60.7	48.3
2-Dec-08	23:18:00	59.6	63.8	48.3
2-Dec-08	23:23:00	58.2	62.8	49.3
2-Dec-08	23:28:00	56.9	61.8	48.8
2-Dec-08	23:33:00	56.9	61.3	48.7
2-Dec-08	23:38:00	59.1	61.3	48.9
2-Dec-08	23:43:00	54.8	59.6	47.4
2-Dec-08	23:48:00	56.6	60.6	47.3
2-Dec-08	23:53:00	57.3	61.5	48.2
2-Dec-08	23:58:00	54.0	58.9	46.3
	Mean	54.3	57.6	44.9
	Maximum	62.5	66.1	51.8
	Minimum	42.9	43.8	42.1

## Appendix B4

### Night Time Noise Level at Man Yuen Garden (NC4)

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
3-Dec-08	00:03:00	54.5	59.6	46.4
3-Dec-08	00:08:00	55.2	60.3	46.7
3-Dec-08	00:13:00	55.6	60.3	47.0
3-Dec-08	00:18:00	52.5	56.2	45.3
3-Dec-08	00:23:00	53.9	59.3	45.4
3-Dec-08	00:28:00	54.3	58.6	45.1
3-Dec-08	00:33:00	53.0	56.1	45.2
3-Dec-08	00:38:00	51.9	55.7	44.6
3-Dec-08	00:43:00	60.5	57.0	44.5
3-Dec-08	00:48:00	52.9	59.0	44.4
3-Dec-08	00:53:00	51.3	52.4	44.9
3-Dec-08	00:58:00	52.7	56.6	45.3
3-Dec-08	01:03:00	47.2	48.7	45.0
3-Dec-08	01:08:00	49.1	47.5	44.1
3-Dec-08	01:13:00	54.5	56.1	44.2
3-Dec-08	01:18:00	51.8	56.4	44.3
3-Dec-08	01:23:00	54.0	50.0	43.9
3-Dec-08	01:28:00	52.7	57.0	44.1
3-Dec-08	01:33:00	57.9	47.2	43.6
3-Dec-08	01:38:00	49.5	51.2	44.3
3-Dec-08	01:43:00	48.0	48.0	43.7
3-Dec-08	01:48:00	47.0	47.0	44.0
3-Dec-08	01:53:00	48.8	48.0	44.1
3-Dec-08	01:58:00	49.3	53.8	44.1
3-Dec-08	02:03:00	48.0	48.4	43.5
3-Dec-08	02:08:00	49.6	52.3	44.0
3-Dec-08	02:13:00	50.4	53.5	43.9
3-Dec-08	02:18:00	48.6	47.0	43.2
3-Dec-08	02:23:00	48.9	47.9	43.7
3-Dec-08	02:28:00	49.6	47.5	43.3
3-Dec-08	02:33:00	45.6	46.9	43.4
3-Dec-08	02:38:00	48.7	48.7	43.3
3-Dec-08	02:43:00	44.5	45.5	43.5
3-Dec-08	02:48:00	44.1	45.0	43.2
3-Dec-08	02:53:00	46.7	46.8	43.5
3-Dec-08	02:58:00	47.3	49.9	43.3
3-Dec-08	03:03:00	53.8	50.3	43.2
3-Dec-08	03:08:00	49.1	45.7	43.1
3-Dec-08	03:13:00	49.7	51.1	43.2
3-Dec-08	03:18:00	43.8	44.8	42.5
3-Dec-08	03:23:00	56.0	56.9	43.5
3-Dec-08	03:28:00	44.2	45.0	43.1
3-Dec-08	03:33:00	49.2	46.6	43.2
3-Dec-08	03:38:00	49.6	47.9	43.3
3-Dec-08	03:43:00	51.0	55.0	43.4
3-Dec-08	03:48:00	47.3	46.4	43.1
3-Dec-08	03:53:00	44.2	45.2	43.1
3-Dec-08	03:58:00	47.8	51.4	43.2
3-Dec-08	04:03:00	49.3	52.7	43.4
3-Dec-08	04:08:00	47.5	45.0	42.5
3-Dec-08	04:13:00	43.6	44.5	42.5

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
3-Dec-08	04:18:00	48.3	47.3	43.2
3-Dec-08	04:23:00	43.9	45.0	42.6
3-Dec-08	04:28:00	52.3	47.1	42.6
3-Dec-08	04:33:00	49.1	45.9	42.3
3-Dec-08	04:38:00	45.8	45.1	43.1
3-Dec-08	04:43:00	47.6	48.7	43.1
3-Dec-08	04:48:00	48.5	49.0	42.5
3-Dec-08	04:53:00	50.0	51.8	42.5
3-Dec-08	04:58:00	45.8	45.0	42.6
3-Dec-08	05:03:00	44.5	45.7	43.1
3-Dec-08	05:08:00	49.5	48.9	43.4
3-Dec-08	05:13:00	46.9	47.9	43.1
3-Dec-08	05:18:00	51.0	54.7	44.3
3-Dec-08	05:23:00	52.0	55.3	43.7
3-Dec-08	05:28:00	45.6	46.0	43.6
3-Dec-08	05:33:00	49.2	53.9	43.4
3-Dec-08	05:38:00	46.7	46.9	43.3
3-Dec-08	05:43:00	55.8	60.0	48.8
3-Dec-08	05:48:00	57.1	60.1	46.2
3-Dec-08	05:53:00	53.8	57.5	44.7
3-Dec-08	05:58:00	52.5	57.4	44.1
3-Dec-08	06:03:00	58.1	60.2	44.6
3-Dec-08	06:08:00	54.9	57.6	45.3
3-Dec-08	06:13:00	60.1	61.8	45.4
3-Dec-08	06:18:00	56.6	61.1	46.4
3-Dec-08	06:23:00	55.8	59.7	47.1
3-Dec-08	06:28:00	57.2	60.7	47.0
3-Dec-08	06:33:00	58.2	61.0	46.4
3-Dec-08	06:38:00	57.7	61.8	47.7
3-Dec-08	06:43:00	61.0	65.1	48.5
3-Dec-08	06:48:00	57.9	61.4	48.2
3-Dec-08	06:53:00	61.1	64.3	50.4
3-Dec-08	06:58:00	64.5	67.2	59.2
3-Dec-08	23:03:00	58.7	63.5	47.3
3-Dec-08	23:08:00	56.9	61.8	46.7
3-Dec-08	23:13:00	58.7	62.3	47.9
3-Dec-08	23:18:00	58.6	62.7	48.4
3-Dec-08	23:23:00	57.5	62.0	47.5
3-Dec-08	23:28:00	59.5	63.9	48.1
3-Dec-08	23:33:00	58.5	62.4	47.0
3-Dec-08	23:38:00	58.1	62.6	47.4
3-Dec-08	23:43:00	55.3	60.2	46.3
3-Dec-08	23:48:00	56.9	61.7	46.0
3-Dec-08	23:53:00	55.0	60.1	46.1
3-Dec-08	23:58:00	52.0	55.1	45.4
	Mean	54.6	57.8	46.1
	Maximum	64.5	67.2	59.2
	Minimum	43.6	44.5	42.3

## Appendix B4

### Night Time Noise Level at Man Yuen Garden (NC4)

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
4-Dec-08	00:03:00	56.3	61.3	46.2
4-Dec-08	00:08:00	55.3	60.2	46.3
4-Dec-08	00:13:00	54.0	58.0	45.9
4-Dec-08	00:18:00	54.1	59.0	45.4
4-Dec-08	00:23:00	54.0	59.1	45.1
4-Dec-08	00:28:00	56.8	61.0	46.5
4-Dec-08	00:33:00	55.2	60.0	45.2
4-Dec-08	00:38:00	55.0	60.1	45.3
4-Dec-08	00:43:00	52.3	56.7	44.7
4-Dec-08	00:48:00	53.7	57.9	44.7
4-Dec-08	00:53:00	53.1	57.8	44.8
4-Dec-08	00:58:00	51.6	54.1	43.6
4-Dec-08	01:03:00	54.4	59.6	44.5
4-Dec-08	01:08:00	50.6	55.0	43.5
4-Dec-08	01:13:00	51.2	55.6	44.1
4-Dec-08	01:18:00	53.3	56.5	43.4
4-Dec-08	01:23:00	54.4	58.6	43.2
4-Dec-08	01:28:00	52.0	55.8	44.2
4-Dec-08	01:33:00	46.8	45.6	43.3
4-Dec-08	01:38:00	54.2	58.7	44.2
4-Dec-08	01:43:00	43.7	44.7	42.9
4-Dec-08	01:48:00	50.7	53.7	43.2
4-Dec-08	01:53:00	46.9	45.0	42.8
4-Dec-08	01:58:00	50.4	50.5	42.5
4-Dec-08	02:03:00	47.4	45.1	42.4
4-Dec-08	02:08:00	47.3	45.7	43.1
4-Dec-08	02:13:00	49.1	51.1	42.6
4-Dec-08	02:18:00	51.4	51.4	42.5
4-Dec-08	02:23:00	49.2	50.6	42.9
4-Dec-08	02:28:00	49.3	50.9	43.3
4-Dec-08	02:33:00	49.5	50.7	43.1
4-Dec-08	02:38:00	50.7	52.1	43.2
4-Dec-08	02:43:00	48.3	50.5	43.1
4-Dec-08	02:48:00	46.2	46.3	42.4
4-Dec-08	02:53:00	50.5	51.6	42.9
4-Dec-08	02:58:00	43.8	44.9	42.6
4-Dec-08	03:03:00	47.2	44.9	42.6
4-Dec-08	03:08:00	51.8	53.5	43.1
4-Dec-08	03:13:00	46.1	44.8	42.4
4-Dec-08	03:18:00	46.9	44.7	42.3
4-Dec-08	03:23:00	51.3	52.0	42.6
4-Dec-08	03:28:00	46.9	45.0	42.7
4-Dec-08	03:33:00	49.4	46.0	42.6
4-Dec-08	03:38:00	50.0	54.1	42.4
4-Dec-08	03:43:00	43.7	44.8	42.3
4-Dec-08	03:48:00	49.0	49.8	42.6
4-Dec-08	03:53:00	45.3	45.3	42.9
4-Dec-08	03:58:00	49.0	50.8	44.1
4-Dec-08	04:03:00	44.2	45.0	43.2
4-Dec-08	04:08:00	48.2	50.1	42.8
4-Dec-08	04:13:00	46.4	45.8	43.2

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
4-Dec-08	04:18:00	47.5	47.4	43.2
4-Dec-08	04:23:00	48.0	49.1	42.3
4-Dec-08	04:28:00	43.4	44.1	42.3
4-Dec-08	04:33:00	49.5	48.7	43.2
4-Dec-08	04:38:00	44.0	44.9	43.1
4-Dec-08	04:43:00	46.1	44.7	42.5
4-Dec-08	04:48:00	48.3	51.1	43.0
4-Dec-08	04:53:00	46.9	47.2	42.2
4-Dec-08	04:58:00	46.6	44.9	42.5
4-Dec-08	05:03:00	46.4	45.0	42.7
4-Dec-08	05:08:00	45.3	46.3	43.1
4-Dec-08	05:13:00	49.3	53.7	42.8
4-Dec-08	05:18:00	48.0	48.7	43.4
4-Dec-08	05:23:00	49.6	53.6	43.6
4-Dec-08	05:28:00	51.5	55.8	43.6
4-Dec-08	05:33:00	47.8	51.5	43.4
4-Dec-08	05:38:00	46.8	47.7	43.2
4-Dec-08	05:43:00	55.0	58.3	47.5
4-Dec-08	05:48:00	57.3	60.5	46.1
4-Dec-08	05:53:00	51.6	54.9	44.9
4-Dec-08	05:58:00	48.9	52.0	44.9
4-Dec-08	06:03:00	55.9	59.4	45.8
4-Dec-08	06:08:00	54.4	58.3	45.2
4-Dec-08	06:13:00	55.2	59.4	45.4
4-Dec-08	06:18:00	59.2	61.9	52.3
4-Dec-08	06:23:00	60.2	63.8	46.5
4-Dec-08	06:28:00	55.3	59.6	46.1
4-Dec-08	06:33:00	59.3	63.0	46.7
4-Dec-08	06:38:00	57.8	61.6	47.2
4-Dec-08	06:43:00	59.8	62.6	47.8
4-Dec-08	06:48:00	59.8	63.7	48.7
4-Dec-08	06:53:00	59.3	62.8	48.7
4-Dec-08	06:58:00	60.9	65.2	49.3
4-Dec-08	23:03:00	60.4	62.9	49.2
4-Dec-08	23:08:00	58.5	62.7	47.7
4-Dec-08	23:13:00	59.5	64.1	47.2
4-Dec-08	23:18:00	56.5	60.9	47.8
4-Dec-08	23:23:00	56.9	61.4	49.3
4-Dec-08	23:28:00	57.5	61.4	49.1
4-Dec-08	23:33:00	58.0	62.3	47.9
4-Dec-08	23:38:00	56.9	61.3	47.1
4-Dec-08	23:43:00	57.2	62.2	47.4
4-Dec-08	23:48:00	56.3	61.1	48.2
4-Dec-08	23:53:00	57.8	62.7	47.7
4-Dec-08	23:58:00	57.9	60.8	48.1
	Mean	54.2	58.0	45.3
	Maximum	60.9	65.2	52.3
	Minimum	43.4	44.1	42.2

## Appendix B4

### Night Time Noise Level at Man Yuen Garden (NC4)

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
5-Dec-08	00:03:00	54.5	59.5	46.3
5-Dec-08	00:08:00	57.8	62.1	48.5
5-Dec-08	00:13:00	55.0	60.1	47.5
5-Dec-08	00:18:00	58.4	60.4	47.9
5-Dec-08	00:23:00	54.3	59.6	46.9
5-Dec-08	00:28:00	53.6	57.9	47.3
5-Dec-08	00:33:00	56.5	61.0	46.9
5-Dec-08	00:38:00	54.4	56.8	46.2
5-Dec-08	00:43:00	53.8	57.3	45.4
5-Dec-08	00:48:00	55.1	60.3	46.3
5-Dec-08	00:53:00	53.4	58.6	45.9
5-Dec-08	00:58:00	55.8	60.5	47.5
5-Dec-08	01:03:00	52.6	56.8	46.3
5-Dec-08	01:08:00	54.3	59.6	45.7
5-Dec-08	01:13:00	53.4	57.6	46.1
5-Dec-08	01:18:00	54.7	60.2	46.1
5-Dec-08	01:23:00	54.0	59.4	45.4
5-Dec-08	01:28:00	51.7	55.0	45.3
5-Dec-08	01:33:00	50.2	52.5	46.4
5-Dec-08	01:38:00	48.3	48.7	45.6
5-Dec-08	01:43:00	52.7	58.1	45.5
5-Dec-08	01:48:00	51.4	55.2	45.8
5-Dec-08	01:53:00	52.6	56.4	45.3
5-Dec-08	01:58:00	52.3	55.5	46.8
5-Dec-08	02:03:00	49.7	52.4	46.6
5-Dec-08	02:08:00	56.0	60.7	46.7
5-Dec-08	02:13:00	50.3	52.7	46.4
5-Dec-08	02:18:00	51.0	52.8	45.7
5-Dec-08	02:23:00	47.6	50.2	45.1
5-Dec-08	02:28:00	47.1	47.0	44.3
5-Dec-08	02:33:00	54.7	59.1	46.4
5-Dec-08	02:38:00	54.4	58.3	46.4
5-Dec-08	02:43:00	52.2	53.5	47.2
5-Dec-08	02:48:00	52.4	55.4	46.5
5-Dec-08	02:53:00	47.0	48.9	44.5
5-Dec-08	02:58:00	51.1	53.9	44.8
5-Dec-08	03:03:00	48.6	46.9	43.5
5-Dec-08	03:08:00	47.3	48.2	44.6
5-Dec-08	03:13:00	50.2	52.0	46.5
5-Dec-08	03:18:00	48.8	47.5	44.4
5-Dec-08	03:23:00	46.6	47.1	44.3
5-Dec-08	03:28:00	47.6	49.9	45.4
5-Dec-08	03:33:00	48.6	49.9	44.4
5-Dec-08	03:38:00	46.9	46.9	43.9
5-Dec-08	03:43:00	46.1	45.7	43.3
5-Dec-08	03:48:00	53.1	57.0	44.9
5-Dec-08	03:53:00	47.7	50.0	45.3
5-Dec-08	03:58:00	55.9	59.7	46.3
5-Dec-08	04:03:00	46.2	47.6	44.6
5-Dec-08	04:08:00	47.3	49.4	44.4
5-Dec-08	04:13:00	48.7	51.4	45.6

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
5-Dec-08	04:18:00	50.3	54.2	45.7
5-Dec-08	04:23:00	49.9	52.2	46.6
5-Dec-08	04:28:00	50.7	54.2	46.5
5-Dec-08	04:33:00	53.1	54.3	45.5
5-Dec-08	04:38:00	55.0	58.2	46.3
5-Dec-08	04:43:00	50.3	52.9	46.6
5-Dec-08	04:48:00	54.1	59.4	46.2
5-Dec-08	04:53:00	47.6	49.7	45.1
5-Dec-08	04:58:00	48.9	51.7	45.4
5-Dec-08	05:03:00	49.7	51.9	46.6
5-Dec-08	05:08:00	51.6	54.4	46.3
5-Dec-08	05:13:00	52.8	53.4	46.2
5-Dec-08	05:18:00	51.0	52.7	46.1
5-Dec-08	05:23:00	49.3	50.6	46.6
5-Dec-08	05:28:00	51.5	55.7	45.4
5-Dec-08	05:33:00	50.2	51.7	45.2
5-Dec-08	05:38:00	49.9	49.5	45.1
5-Dec-08	05:43:00	52.6	55.7	45.4
5-Dec-08	05:48:00	55.0	58.3	46.8
5-Dec-08	05:53:00	56.3	59.8	47.3
5-Dec-08	05:58:00	50.7	54.3	46.4
5-Dec-08	06:03:00	50.1	52.2	46.3
5-Dec-08	06:08:00	51.6	53.9	47.1
5-Dec-08	06:13:00	58.2	62.4	48.8
5-Dec-08	06:18:00	58.2	61.1	52.1
5-Dec-08	06:23:00	59.6	61.9	53.6
5-Dec-08	06:28:00	57.1	60.5	48.1
5-Dec-08	06:33:00	56.8	60.1	52.8
5-Dec-08	06:38:00	59.9	62.6	47.8
5-Dec-08	06:43:00	66.4	66.8	48.1
5-Dec-08	06:48:00	58.3	62.6	49.4
5-Dec-08	06:53:00	59.9	64.0	48.8
5-Dec-08	06:58:00	61.0	64.9	51.2
5-Dec-08	23:03:00	59.0	63.7	47.5
5-Dec-08	23:08:00	59.5	63.0	48.5
5-Dec-08	23:13:00	60.0	64.1	48.5
5-Dec-08	23:18:00	59.4	63.8	48.7
5-Dec-08	23:23:00	58.5	62.6	48.4
5-Dec-08	23:28:00	59.3	63.8	48.0
5-Dec-08	23:33:00	61.4	63.0	49.2
5-Dec-08	23:38:00	59.0	63.8	47.6
5-Dec-08	23:43:00	57.6	62.1	47.4
5-Dec-08	23:48:00	59.1	63.2	47.9
5-Dec-08	23:53:00	57.2	61.8	47.7
5-Dec-08	23:58:00	57.6	61.8	47.3
	Mean	55.6	59.0	47.0
	Maximum	66.4	66.8	53.6
	Minimum	46.1	45.7	43.3



## Appendix B4

### Night Time Noise Level at Man Yuen Garden (NC4)

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
6-Dec-08	00:03:00	59.5	63.8	46.6
6-Dec-08	00:08:00	56.2	61.4	47.4
6-Dec-08	00:13:00	57.9	62.3	49.3
6-Dec-08	00:18:00	54.2	59.2	46.7
6-Dec-08	00:23:00	56.0	60.7	47.0
6-Dec-08	00:28:00	56.7	61.3	47.3
6-Dec-08	00:33:00	57.0	61.8	47.8
6-Dec-08	00:38:00	56.9	60.7	47.3
6-Dec-08	00:43:00	56.3	60.7	45.8
6-Dec-08	00:48:00	54.2	59.9	45.2
6-Dec-08	00:53:00	54.2	59.2	45.9
6-Dec-08	00:58:00	55.2	59.9	45.5
6-Dec-08	01:03:00	58.6	62.0	44.6
6-Dec-08	01:08:00	52.9	57.7	44.7
6-Dec-08	01:13:00	55.3	60.1	44.7
6-Dec-08	01:18:00	54.6	60.0	44.3
6-Dec-08	01:23:00	52.2	56.8	44.7
6-Dec-08	01:28:00	54.7	58.9	44.1
6-Dec-08	01:33:00	54.3	58.4	44.8
6-Dec-08	01:38:00	54.5	60.0	44.5
6-Dec-08	01:43:00	53.8	57.6	43.8
6-Dec-08	01:48:00	52.7	57.4	43.3
6-Dec-08	01:53:00	54.2	58.4	43.5
6-Dec-08	01:58:00	51.0	55.2	43.6
6-Dec-08	02:03:00	53.6	59.1	43.8
6-Dec-08	02:08:00	50.9	54.0	43.3
6-Dec-08	02:13:00	52.3	57.7	43.4
6-Dec-08	02:18:00	52.0	56.9	43.1
6-Dec-08	02:23:00	53.7	58.6	44.6
6-Dec-08	02:28:00	50.9	54.3	44.4
6-Dec-08	02:33:00	52.4	55.0	43.1
6-Dec-08	02:38:00	50.2	48.5	42.8
6-Dec-08	02:43:00	51.6	52.9	43.3
6-Dec-08	02:48:00	50.7	53.6	43.2
6-Dec-08	02:53:00	50.9	52.0	43.5
6-Dec-08	02:58:00	52.4	58.3	43.1
6-Dec-08	03:03:00	52.5	56.5	43.4
6-Dec-08	03:08:00	52.6	51.2	42.7
6-Dec-08	03:13:00	53.0	58.1	44.1
6-Dec-08	03:18:00	52.4	57.9	43.3
6-Dec-08	03:23:00	53.1	58.0	43.5
6-Dec-08	03:28:00	50.0	48.1	43.5
6-Dec-08	03:33:00	51.3	54.9	42.8
6-Dec-08	03:38:00	47.7	45.5	42.8
6-Dec-08	03:43:00	50.6	48.1	42.6
6-Dec-08	03:48:00	52.4	57.5	42.3
6-Dec-08	03:53:00	50.9	52.2	42.3
6-Dec-08	03:58:00	48.3	49.8	43.3
6-Dec-08	04:03:00	48.6	47.8	43.4
6-Dec-08	04:08:00	52.6	57.6	43.0
6-Dec-08	04:13:00	51.5	56.0	43.2

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
6-Dec-08	04:18:00	50.7	54.7	43.2
6-Dec-08	04:23:00	51.8	55.5	43.5
6-Dec-08	04:28:00	50.8	48.9	42.4
6-Dec-08	04:33:00	43.9	44.9	42.7
6-Dec-08	04:38:00	47.3	45.2	42.6
6-Dec-08	04:43:00	52.3	51.7	42.2
6-Dec-08	04:48:00	47.7	44.6	42.2
6-Dec-08	04:53:00	48.3	47.9	42.8
6-Dec-08	04:58:00	49.2	45.5	42.7
6-Dec-08	05:03:00	55.2	59.8	43.3
6-Dec-08	05:08:00	52.8	50.0	43.6
6-Dec-08	05:13:00	49.0	51.3	44.0
6-Dec-08	05:18:00	48.8	47.9	43.2
6-Dec-08	05:23:00	52.9	55.4	42.8
6-Dec-08	05:28:00	49.1	51.4	42.8
6-Dec-08	05:33:00	48.6	50.7	43.1
6-Dec-08	05:38:00	46.6	46.5	42.8
6-Dec-08	05:43:00	44.6	45.8	43.2
6-Dec-08	05:48:00	46.2	45.8	43.1
6-Dec-08	05:53:00	48.2	49.0	43.8
6-Dec-08	05:58:00	53.1	55.4	44.6
6-Dec-08	06:03:00	51.7	52.0	43.8
6-Dec-08	06:08:00	54.0	59.2	44.1
6-Dec-08	06:13:00	54.8	58.2	44.3
6-Dec-08	06:18:00	51.1	55.2	43.6
6-Dec-08	06:23:00	58.1	58.5	44.3
6-Dec-08	06:28:00	55.0	59.4	44.2
6-Dec-08	06:33:00	55.3	58.4	44.6
6-Dec-08	06:38:00	54.3	58.7	45.6
6-Dec-08	06:43:00	55.5	58.9	46.1
6-Dec-08	06:48:00	55.0	57.4	46.3
6-Dec-08	06:53:00	59.3	63.2	46.9
6-Dec-08	06:58:00	59.5	63.3	47.3
6-Dec-08	23:03:00	59.9	63.0	48.3
6-Dec-08	23:08:00	60.2	64.5	48.8
6-Dec-08	23:13:00	57.4	62.2	47.9
6-Dec-08	23:18:00	59.2	63.5	47.6
6-Dec-08	23:23:00	59.4	63.5	48.3
6-Dec-08	23:28:00	58.7	63.0	48.4
6-Dec-08	23:33:00	59.8	64.0	47.3
6-Dec-08	23:38:00	57.1	61.8	46.8
6-Dec-08	23:43:00	59.8	63.4	47.4
6-Dec-08	23:48:00	59.9	63.5	51.0
6-Dec-08	23:53:00	56.8	61.2	47.3
6-Dec-08	23:58:00	56.3	60.8	46.9
	Mean	54.8	58.8	45.1
	Maximum	60.2	64.5	51.0
	Minimum	43.9	44.6	42.2

## Appendix B4

### Night Time Noise Level at Man Yuen Garden (NC4)

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
7-Dec-08	00:03:00	57.7	62.3	46.5
7-Dec-08	00:08:00	58.3	63.0	47.0
7-Dec-08	00:13:00	57.4	61.6	46.9
7-Dec-08	00:18:00	55.4	60.3	46.4
7-Dec-08	00:23:00	57.2	62.1	47.5
7-Dec-08	00:28:00	55.9	60.0	46.8
7-Dec-08	00:33:00	55.7	60.5	45.1
7-Dec-08	00:38:00	54.5	59.7	45.3
7-Dec-08	00:43:00	56.0	61.3	45.7
7-Dec-08	00:48:00	57.5	62.0	45.7
7-Dec-08	00:53:00	58.0	61.9	46.2
7-Dec-08	00:58:00	54.4	58.6	44.9
7-Dec-08	01:03:00	57.1	62.3	45.1
7-Dec-08	01:08:00	55.5	60.8	44.4
7-Dec-08	01:13:00	54.3	59.3	45.1
7-Dec-08	01:18:00	55.6	60.5	44.9
7-Dec-08	01:23:00	56.2	60.9	45.3
7-Dec-08	01:28:00	57.3	62.0	44.4
7-Dec-08	01:33:00	57.4	59.8	44.9
7-Dec-08	01:38:00	54.3	59.2	44.8
7-Dec-08	01:43:00	54.8	58.9	45.3
7-Dec-08	01:48:00	51.4	56.5	44.4
7-Dec-08	01:53:00	52.4	57.7	44.2
7-Dec-08	01:58:00	54.4	60.1	44.4
7-Dec-08	02:03:00	52.7	58.1	44.0
7-Dec-08	02:08:00	55.3	59.9	44.1
7-Dec-08	02:13:00	54.3	59.8	43.9
7-Dec-08	02:18:00	54.6	60.1	44.2
7-Dec-08	02:23:00	53.8	58.4	44.4
7-Dec-08	02:28:00	56.1	60.9	44.4
7-Dec-08	02:33:00	54.8	57.9	43.7
7-Dec-08	02:38:00	55.0	59.8	44.2
7-Dec-08	02:43:00	48.2	47.3	43.1
7-Dec-08	02:48:00	51.6	53.9	43.6
7-Dec-08	02:53:00	49.1	47.6	43.4
7-Dec-08	02:58:00	48.0	47.7	43.2
7-Dec-08	03:03:00	52.0	54.0	43.7
7-Dec-08	03:08:00	45.8	48.3	43.2
7-Dec-08	03:13:00	50.8	54.1	43.3
7-Dec-08	03:18:00	51.8	55.6	43.8
7-Dec-08	03:23:00	49.8	53.6	43.2
7-Dec-08	03:28:00	52.9	53.3	43.2
7-Dec-08	03:33:00	50.0	51.6	43.3
7-Dec-08	03:38:00	54.1	54.0	43.3
7-Dec-08	03:43:00	55.7	55.2	43.2
7-Dec-08	03:48:00	52.5	57.3	43.4
7-Dec-08	03:53:00	49.1	47.7	43.3
7-Dec-08	03:58:00	47.5	45.8	43.2
7-Dec-08	04:03:00	51.3	52.1	43.5
7-Dec-08	04:08:00	51.5	52.3	43.5
7-Dec-08	04:13:00	48.4	47.7	43.3

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
7-Dec-08	04:18:00	50.4	51.6	43.2
7-Dec-08	04:23:00	47.5	45.8	43.2
7-Dec-08	04:28:00	44.7	45.8	43.4
7-Dec-08	04:33:00	53.1	58.5	43.8
7-Dec-08	04:38:00	49.3	51.1	43.4
7-Dec-08	04:43:00	49.7	48.5	43.3
7-Dec-08	04:48:00	48.4	48.3	43.5
7-Dec-08	04:53:00	47.0	45.6	43.3
7-Dec-08	04:58:00	50.6	48.9	43.3
7-Dec-08	05:03:00	43.9	45.0	42.6
7-Dec-08	05:08:00	48.2	48.2	44.3
7-Dec-08	05:13:00	51.4	48.3	44.2
7-Dec-08	05:18:00	51.3	47.5	43.4
7-Dec-08	05:23:00	48.4	50.3	43.3
7-Dec-08	05:28:00	54.3	57.8	44.2
7-Dec-08	05:33:00	56.3	59.0	44.6
7-Dec-08	05:38:00	61.6	55.5	44.2
7-Dec-08	05:43:00	52.7	54.9	44.4
7-Dec-08	05:48:00	59.4	58.4	43.5
7-Dec-08	05:53:00	57.3	54.3	43.5
7-Dec-08	05:58:00	48.9	51.2	43.3
7-Dec-08	06:03:00	68.3	62.6	45.3
7-Dec-08	06:08:00	49.2	48.2	44.6
7-Dec-08	06:13:00	49.3	48.0	44.3
7-Dec-08	06:18:00	52.5	57.0	44.6
7-Dec-08	06:23:00	52.0	55.0	44.5
7-Dec-08	06:28:00	49.1	49.8	44.7
7-Dec-08	06:33:00	54.8	60.0	45.3
7-Dec-08	06:38:00	54.3	58.8	45.1
7-Dec-08	06:43:00	66.7	65.6	45.0
7-Dec-08	06:48:00	53.6	58.4	45.4
7-Dec-08	06:53:00	58.9	62.2	46.6
7-Dec-08	06:58:00	56.2	61.5	46.2
7-Dec-08	23:03:00	55.8	60.7	46.0
7-Dec-08	23:08:00	56.3	60.6	46.5
7-Dec-08	23:13:00	58.9	63.3	46.9
7-Dec-08	23:18:00	57.0	61.8	46.2
7-Dec-08	23:23:00	57.6	62.3	45.4
7-Dec-08	23:28:00	56.1	61.4	45.4
7-Dec-08	23:33:00	57.7	62.2	46.6
7-Dec-08	23:38:00	59.1	63.7	46.4
7-Dec-08	23:43:00	57.6	61.7	50.5
7-Dec-08	23:48:00	55.1	60.4	46.2
7-Dec-08	23:53:00	53.7	58.5	45.4
7-Dec-08	23:58:00	54.3	58.9	45.2
	Mean	56.1	58.8	44.8
	Maximum	68.3	65.6	50.5
	Minimum	43.9	45.0	42.6

## Appendix B4

### Night Time Noise Level at Man Yuen Garden (NC4)

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
8-Dec-08	00:03:00	53.3	58.4	44.8
8-Dec-08	00:08:00	50.9	54.6	44.8
8-Dec-08	00:13:00	54.7	60.3	45.1
8-Dec-08	00:18:00	56.9	60.5	45.6
8-Dec-08	00:23:00	52.9	49.9	44.9
8-Dec-08	00:28:00	55.5	60.6	44.8
8-Dec-08	00:33:00	54.7	57.7	44.7
8-Dec-08	00:38:00	54.5	59.2	44.2
8-Dec-08	00:43:00	50.3	52.2	43.4
8-Dec-08	00:48:00	52.1	56.6	44.1
8-Dec-08	00:53:00	50.4	51.6	45.4
8-Dec-08	00:58:00	54.0	59.1	43.9
8-Dec-08	01:03:00	50.7	54.5	43.7
8-Dec-08	01:08:00	51.9	55.5	43.3
8-Dec-08	01:13:00	51.1	52.4	43.3
8-Dec-08	01:18:00	49.9	51.9	44.1
8-Dec-08	01:23:00	58.2	62.7	44.1
8-Dec-08	01:28:00	48.8	48.0	43.3
8-Dec-08	01:33:00	49.9	47.2	43.1
8-Dec-08	01:38:00	43.9	45.0	42.5
8-Dec-08	01:43:00	42.9	43.8	42.1
8-Dec-08	01:48:00	45.6	44.0	42.2
8-Dec-08	01:53:00	43.0	43.8	42.1
8-Dec-08	01:58:00	52.6	53.9	42.4
8-Dec-08	02:03:00	51.5	51.8	42.1
8-Dec-08	02:08:00	46.1	44.7	42.2
8-Dec-08	02:13:00	46.8	44.0	42.1
8-Dec-08	02:18:00	49.3	51.3	42.2
8-Dec-08	02:23:00	49.7	50.6	41.9
8-Dec-08	02:28:00	47.2	48.1	42.2
8-Dec-08	02:33:00	48.7	46.3	41.9
8-Dec-08	02:38:00	46.0	44.0	42.1
8-Dec-08	02:43:00	51.4	44.4	42.1
8-Dec-08	02:48:00	47.6	49.3	41.6
8-Dec-08	02:53:00	48.2	44.7	41.5
8-Dec-08	02:58:00	46.3	44.3	42.0
8-Dec-08	03:03:00	46.4	43.9	41.6
8-Dec-08	03:08:00	48.6	46.4	41.3
8-Dec-08	03:13:00	45.6	43.5	41.2
8-Dec-08	03:18:00	41.8	42.7	41.1
8-Dec-08	03:23:00	42.3	43.1	41.3
8-Dec-08	03:28:00	44.7	46.1	42.2
8-Dec-08	03:33:00	43.1	43.9	42.2
8-Dec-08	03:38:00	49.8	51.3	42.3
8-Dec-08	03:43:00	54.8	55.6	41.3
8-Dec-08	03:48:00	50.5	50.8	41.4
8-Dec-08	03:53:00	48.5	50.3	41.4
8-Dec-08	03:58:00	42.2	43.0	41.3
8-Dec-08	04:03:00	47.5	44.3	41.3
8-Dec-08	04:08:00	45.0	43.8	41.2
8-Dec-08	04:13:00	44.9	43.9	41.4

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
8-Dec-08	04:18:00	45.7	45.3	41.3
8-Dec-08	04:23:00	43.5	43.4	41.2
8-Dec-08	04:28:00	48.5	44.0	41.7
8-Dec-08	04:33:00	42.7	43.7	41.8
8-Dec-08	04:38:00	46.7	47.5	42.1
8-Dec-08	04:43:00	52.1	47.7	41.4
8-Dec-08	04:48:00	60.2	67.3	41.8
8-Dec-08	04:53:00	45.0	44.6	41.3
8-Dec-08	04:58:00	47.3	48.3	41.5
8-Dec-08	05:03:00	47.5	50.2	41.5
8-Dec-08	05:08:00	42.0	42.9	41.1
8-Dec-08	05:13:00	45.3	43.0	41.1
8-Dec-08	05:18:00	49.5	50.6	41.3
8-Dec-08	05:23:00	48.7	52.4	42.1
8-Dec-08	05:28:00	47.1	48.9	42.3
8-Dec-08	05:33:00	46.7	47.9	42.9
8-Dec-08	05:38:00	49.7	52.3	42.5
8-Dec-08	05:43:00	52.9	58.2	42.4
8-Dec-08	05:48:00	54.1	59.0	42.6
8-Dec-08	05:53:00	55.9	59.1	43.7
8-Dec-08	05:58:00	56.4	60.0	43.7
8-Dec-08	06:03:00	53.4	58.1	44.1
8-Dec-08	06:08:00	56.6	60.3	44.3
8-Dec-08	06:13:00	56.3	59.2	44.4
8-Dec-08	06:18:00	55.9	58.6	51.7
8-Dec-08	06:23:00	61.4	65.0	54.7
8-Dec-08	06:28:00	53.1	58.0	44.9
8-Dec-08	06:33:00	55.8	59.6	45.6
8-Dec-08	06:38:00	55.8	56.7	45.2
8-Dec-08	06:43:00	60.9	64.4	47.3
8-Dec-08	06:48:00	59.6	63.0	47.6
8-Dec-08	06:53:00	58.9	63.3	46.9
8-Dec-08	06:58:00	62.4	64.7	48.7
8-Dec-08	23:03:00	58.7	63.1	47.2
8-Dec-08	23:08:00	55.3	60.0	47.1
8-Dec-08	23:13:00	56.8	61.9	46.6
8-Dec-08	23:18:00	58.2	62.0	46.7
8-Dec-08	23:23:00	57.5	61.6	47.2
8-Dec-08	23:28:00	58.4	63.2	47.3
8-Dec-08	23:33:00	57.5	61.6	47.5
8-Dec-08	23:38:00	55.9	60.8	46.1
8-Dec-08	23:43:00	55.9	59.8	46.9
8-Dec-08	23:48:00	55.4	60.0	46.2
8-Dec-08	23:53:00	53.6	58.2	46.1
8-Dec-08	23:58:00	54.7	59.4	45.6
Mean		53.9	57.7	44.6
Maximum		62.4	67.3	54.7
Minimum		41.8	42.7	41.1

Summary of Night Time Noise Level at Man Yuen Garden (NC4)			
	Leq	L10	L90
Mean	54.8	58.2	45.7
Max	68.3	67.3	59.2
Min	41.8	42.7	41.1

## Appendix B4

### Night Time Noise Level at Block D of Villa Monte Rosa (NC5)

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
25-Nov-08	00:03:00	43.8	44.8	42.3
25-Nov-08	00:08:00	44.0	45.0	42.3
25-Nov-08	00:13:00	43.7	44.5	42.2
25-Nov-08	00:18:00	43.5	45.2	42.1
25-Nov-08	00:23:00	48.1	47.1	42.1
25-Nov-08	00:28:00	42.5	43.4	41.4
25-Nov-08	00:33:00	48.2	46.5	41.2
25-Nov-08	00:38:00	42.2	42.9	41.2
25-Nov-08	00:43:00	42.5	43.4	41.2
25-Nov-08	00:48:00	41.9	42.8	41.0
25-Nov-08	00:53:00	42.0	42.7	41.0
25-Nov-08	00:58:00	41.6	42.4	41.0
25-Nov-08	01:03:00	42.2	43.4	41.0
25-Nov-08	01:08:00	42.6	43.5	41.1
25-Nov-08	01:13:00	44.6	48.8	40.4
25-Nov-08	01:18:00	41.9	42.7	41.0
25-Nov-08	01:23:00	42.0	42.7	41.0
25-Nov-08	01:28:00	42.9	43.1	41.2
25-Nov-08	01:33:00	41.7	42.6	41.0
25-Nov-08	01:38:00	42.1	43.2	41.0
25-Nov-08	01:43:00	43.1	43.3	41.1
25-Nov-08	01:48:00	42.4	43.8	41.1
25-Nov-08	01:53:00	41.9	42.8	41.0
25-Nov-08	01:58:00	42.1	42.8	41.0
25-Nov-08	02:03:00	41.6	42.4	40.7
25-Nov-08	02:08:00	48.7	43.3	41.0
25-Nov-08	02:13:00	41.6	42.4	40.8
25-Nov-08	02:18:00	42.0	42.6	41.0
25-Nov-08	02:23:00	42.0	42.7	41.0
25-Nov-08	02:28:00	41.6	42.5	41.0
25-Nov-08	02:33:00	41.8	42.7	41.0
25-Nov-08	02:38:00	41.7	42.6	41.0
25-Nov-08	02:43:00	41.9	42.8	41.0
25-Nov-08	02:48:00	42.2	42.8	41.0
25-Nov-08	02:53:00	41.7	42.6	40.9
25-Nov-08	02:58:00	41.6	42.5	40.9
25-Nov-08	03:03:00	41.6	42.5	40.9
25-Nov-08	03:08:00	41.8	42.7	41.0
25-Nov-08	03:13:00	55.3	53.3	41.1
25-Nov-08	03:18:00	42.1	42.8	40.8
25-Nov-08	03:23:00	41.7	42.6	40.9
25-Nov-08	03:28:00	41.6	42.5	40.6
25-Nov-08	03:33:00	41.6	42.5	40.9
25-Nov-08	03:38:00	50.9	55.4	41.0
25-Nov-08	03:43:00	41.8	42.7	41.0
25-Nov-08	03:48:00	41.7	42.7	40.8
25-Nov-08	03:53:00	41.8	42.7	40.7
25-Nov-08	03:58:00	42.1	42.8	40.8
25-Nov-08	04:03:00	41.6	42.2	40.4
25-Nov-08	04:08:00	43.4	43.8	41.0
25-Nov-08	04:13:00	46.6	43.9	40.5

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
25-Nov-08	04:18:00	41.5	42.5	40.5
25-Nov-08	04:23:00	41.8	42.8	40.6
25-Nov-08	04:28:00	42.6	43.5	42.0
25-Nov-08	04:33:00	42.3	42.6	40.5
25-Nov-08	04:38:00	41.9	42.8	40.7
25-Nov-08	04:43:00	41.4	42.4	40.4
25-Nov-08	04:48:00	50.4	48.5	40.7
25-Nov-08	04:53:00	41.5	42.4	40.3
25-Nov-08	04:58:00	41.8	42.9	40.3
25-Nov-08	05:03:00	41.5	42.4	40.5
25-Nov-08	05:08:00	51.6	48.4	41.0
25-Nov-08	05:13:00	50.5	46.2	40.5
25-Nov-08	05:18:00	41.7	42.6	40.4
25-Nov-08	05:23:00	41.8	42.6	40.6
25-Nov-08	05:28:00	42.6	42.9	40.7
25-Nov-08	05:33:00	42.0	42.8	40.5
25-Nov-08	05:38:00	54.4	49.4	40.5
25-Nov-08	05:43:00	41.7	42.6	40.5
25-Nov-08	05:48:00	49.4	43.9	40.7
25-Nov-08	05:53:00	53.6	54.2	40.8
25-Nov-08	05:58:00	56.2	52.6	42.0
25-Nov-08	06:03:00	52.0	50.1	41.1
25-Nov-08	06:08:00	54.2	53.1	41.5
25-Nov-08	06:13:00	52.1	49.2	41.1
25-Nov-08	06:18:00	60.6	60.5	43.1
25-Nov-08	06:23:00	67.5	68.6	45.7
25-Nov-08	06:28:00	65.3	68.1	45.6
25-Nov-08	06:33:00	68.0	71.6	43.4
25-Nov-08	06:38:00	55.3	55.2	43.0
25-Nov-08	06:43:00	58.8	55.9	43.2
25-Nov-08	06:48:00	57.7	60.1	44.7
25-Nov-08	06:53:00	51.9	51.4	45.1
25-Nov-08	06:58:00	54.7	56.0	45.4
25-Nov-08	23:03:00	44.5	45.5	42.7
25-Nov-08	23:08:00	43.6	44.2	42.2
25-Nov-08	23:13:00	44.2	44.9	42.5
25-Nov-08	23:18:00	43.7	44.6	42.8
25-Nov-08	23:23:00	49.2	52.0	42.7
25-Nov-08	23:28:00	44.0	45.1	42.8
25-Nov-08	23:33:00	44.4	44.9	42.5
25-Nov-08	23:38:00	42.9	43.8	41.6
25-Nov-08	23:43:00	43.3	43.9	42.1
25-Nov-08	23:48:00	43.9	44.6	42.1
25-Nov-08	23:53:00	43.5	44.0	42.1
25-Nov-08	23:58:00	43.7	44.7	42.6
	Mean	53.7	55.6	41.7
	Maximum	68.0	71.6	45.7
	Minimum	41.4	42.2	40.3

## Appendix B4

### Night Time Noise Level at Block D of Villa Monte Rosa (NC5)

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
26-Nov-08	00:03:00	42.9	43.8	42.0
26-Nov-08	00:08:00	43.9	46.2	41.9
26-Nov-08	00:13:00	43.9	44.7	42.2
26-Nov-08	00:18:00	43.0	44.2	41.6
26-Nov-08	00:23:00	42.7	43.6	41.4
26-Nov-08	00:28:00	43.1	43.9	41.6
26-Nov-08	00:33:00	42.6	43.7	41.2
26-Nov-08	00:38:00	43.3	44.4	42.1
26-Nov-08	00:43:00	42.7	43.4	41.5
26-Nov-08	00:48:00	42.7	43.8	41.2
26-Nov-08	00:53:00	49.2	52.5	41.1
26-Nov-08	00:58:00	43.0	43.2	41.1
26-Nov-08	01:03:00	41.8	42.8	41.0
26-Nov-08	01:08:00	42.1	42.9	41.1
26-Nov-08	01:13:00	41.7	42.6	40.8
26-Nov-08	01:18:00	42.6	43.7	41.3
26-Nov-08	01:23:00	42.2	43.5	41.0
26-Nov-08	01:28:00	42.5	43.5	41.4
26-Nov-08	01:33:00	48.8	51.2	41.4
26-Nov-08	01:38:00	42.1	42.9	41.1
26-Nov-08	01:43:00	41.5	41.9	40.5
26-Nov-08	01:48:00	41.8	42.7	41.0
26-Nov-08	01:53:00	41.8	42.7	41.0
26-Nov-08	01:58:00	41.7	42.4	40.3
26-Nov-08	02:03:00	41.3	41.9	40.3
26-Nov-08	02:08:00	41.7	42.7	40.4
26-Nov-08	02:13:00	41.7	42.5	40.8
26-Nov-08	02:18:00	41.4	42.1	40.4
26-Nov-08	02:23:00	41.4	42.1	40.4
26-Nov-08	02:28:00	42.0	42.8	41.0
26-Nov-08	02:33:00	42.0	42.8	41.1
26-Nov-08	02:38:00	41.8	42.8	41.0
26-Nov-08	02:43:00	41.6	42.6	40.9
26-Nov-08	02:48:00	55.5	53.7	41.2
26-Nov-08	02:53:00	42.0	42.9	41.1
26-Nov-08	02:58:00	42.4	43.6	41.2
26-Nov-08	03:03:00	42.2	42.7	41.0
26-Nov-08	03:08:00	42.1	43.4	41.0
26-Nov-08	03:13:00	42.2	43.4	41.0
26-Nov-08	03:18:00	45.5	45.9	41.0
26-Nov-08	03:23:00	43.0	42.8	41.0
26-Nov-08	03:28:00	44.3	42.8	40.4
26-Nov-08	03:33:00	42.6	43.2	41.3
26-Nov-08	03:38:00	41.9	42.8	40.7
26-Nov-08	03:43:00	41.2	41.9	40.2
26-Nov-08	03:48:00	46.3	47.4	40.2
26-Nov-08	03:53:00	42.2	43.3	40.3
26-Nov-08	03:58:00	40.9	41.7	40.0
26-Nov-08	04:03:00	40.9	41.7	40.1
26-Nov-08	04:08:00	43.3	41.7	40.0
26-Nov-08	04:13:00	40.8	41.6	40.0

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
26-Nov-08	04:18:00	40.8	41.7	40.1
26-Nov-08	04:23:00	41.4	42.1	40.1
26-Nov-08	04:28:00	41.8	42.6	40.2
26-Nov-08	04:33:00	42.8	43.7	40.5
26-Nov-08	04:38:00	45.3	44.7	40.9
26-Nov-08	04:43:00	41.2	41.9	40.2
26-Nov-08	04:48:00	41.1	41.8	40.2
26-Nov-08	04:53:00	50.2	49.0	40.4
26-Nov-08	04:58:00	41.4	41.9	40.3
26-Nov-08	05:03:00	42.4	44.2	40.6
26-Nov-08	05:08:00	51.8	47.9	40.5
26-Nov-08	05:13:00	51.4	45.6	40.9
26-Nov-08	05:18:00	43.1	42.9	41.0
26-Nov-08	05:23:00	43.2	43.7	40.6
26-Nov-08	05:28:00	42.8	43.8	40.3
26-Nov-08	05:33:00	53.6	44.5	40.5
26-Nov-08	05:38:00	48.5	43.4	40.4
26-Nov-08	05:43:00	41.4	42.1	40.5
26-Nov-08	05:48:00	55.3	51.2	41.0
26-Nov-08	05:53:00	53.1	50.0	40.6
26-Nov-08	05:58:00	56.2	47.8	41.1
26-Nov-08	06:03:00	56.3	55.1	41.5
26-Nov-08	06:08:00	53.6	48.1	41.4
26-Nov-08	06:13:00	52.7	51.3	41.9
26-Nov-08	06:18:00	63.2	59.8	42.0
26-Nov-08	06:23:00	68.6	72.1	44.3
26-Nov-08	06:28:00	65.4	66.2	44.6
26-Nov-08	06:33:00	69.5	73.2	47.3
26-Nov-08	06:38:00	53.3	50.1	43.3
26-Nov-08	06:43:00	59.6	58.7	45.3
26-Nov-08	06:48:00	53.8	51.8	44.1
26-Nov-08	06:53:00	55.0	56.3	44.2
26-Nov-08	06:58:00	70.9	61.2	44.5
26-Nov-08	23:03:00	46.2	46.4	44.1
26-Nov-08	23:08:00	45.4	46.4	44.1
26-Nov-08	23:13:00	45.1	45.9	43.3
26-Nov-08	23:18:00	47.9	48.6	43.5
26-Nov-08	23:23:00	44.6	45.5	43.3
26-Nov-08	23:28:00	44.8	45.9	43.3
26-Nov-08	23:33:00	45.8	45.6	43.1
26-Nov-08	23:38:00	45.3	45.9	43.3
26-Nov-08	23:43:00	44.8	45.6	43.1
26-Nov-08	23:48:00	49.1	45.8	43.1
26-Nov-08	23:53:00	45.8	47.3	43.0
26-Nov-08	23:58:00	44.9	46.3	43.2
	Mean	56.2	57.0	41.8
	Maximum	70.9	73.2	47.3
	Minimum	40.8	41.6	40.0

## Appendix B4

### Night Time Noise Level at Block D of Villa Monte Rosa (NC5)

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
27-Nov-08	00:03:00	49.7	46.5	42.3
27-Nov-08	00:08:00	48.8	49.7	44.1
27-Nov-08	00:13:00	46.8	49.3	43.4
27-Nov-08	00:18:00	49.8	48.6	43.7
27-Nov-08	00:23:00	47.8	49.9	45.1
27-Nov-08	00:28:00	50.2	53.6	45.6
27-Nov-08	00:33:00	46.7	48.4	44.3
27-Nov-08	00:38:00	52.5	56.1	46.3
27-Nov-08	00:43:00	49.0	51.8	45.1
27-Nov-08	00:48:00	48.4	50.4	44.5
27-Nov-08	00:53:00	48.1	49.9	44.7
27-Nov-08	00:58:00	45.2	46.5	43.3
27-Nov-08	01:03:00	49.5	52.9	44.0
27-Nov-08	01:08:00	48.6	51.5	43.8
27-Nov-08	01:13:00	47.7	50.0	43.8
27-Nov-08	01:18:00	48.1	50.5	45.0
27-Nov-08	01:23:00	53.5	55.9	43.6
27-Nov-08	01:28:00	48.4	51.2	43.6
27-Nov-08	01:33:00	47.3	49.8	43.3
27-Nov-08	01:38:00	47.1	50.0	43.8
27-Nov-08	01:43:00	47.7	50.1	44.7
27-Nov-08	01:48:00	47.0	49.1	43.4
27-Nov-08	01:53:00	45.9	47.9	43.2
27-Nov-08	01:58:00	46.4	48.4	43.9
27-Nov-08	02:03:00	50.4	53.4	46.6
27-Nov-08	02:08:00	47.7	50.3	45.0
27-Nov-08	02:13:00	49.5	52.0	45.3
27-Nov-08	02:18:00	54.3	57.2	48.4
27-Nov-08	02:23:00	53.6	57.4	44.9
27-Nov-08	02:28:00	52.7	56.4	44.9
27-Nov-08	02:33:00	50.5	54.4	44.3
27-Nov-08	02:38:00	51.6	54.4	44.5
27-Nov-08	02:43:00	53.4	56.0	47.4
27-Nov-08	02:48:00	49.5	52.3	45.3
27-Nov-08	02:53:00	50.6	54.5	43.9
27-Nov-08	02:58:00	54.7	58.8	46.6
27-Nov-08	03:03:00	55.9	60.0	48.4
27-Nov-08	03:08:00	57.1	61.3	46.0
27-Nov-08	03:13:00	57.3	61.1	48.5
27-Nov-08	03:18:00	53.4	56.4	44.8
27-Nov-08	03:23:00	56.5	59.9	46.6
27-Nov-08	03:28:00	60.2	64.0	50.9
27-Nov-08	03:33:00	53.6	57.6	45.9
27-Nov-08	03:38:00	54.0	58.3	45.1
27-Nov-08	03:43:00	52.0	56.2	44.3
27-Nov-08	03:48:00	53.5	57.0	47.4
27-Nov-08	03:53:00	53.3	56.9	45.9
27-Nov-08	03:58:00	50.3	52.7	46.0
27-Nov-08	04:03:00	52.3	55.5	44.9
27-Nov-08	04:08:00	49.4	53.0	44.6
27-Nov-08	04:13:00	52.1	55.8	46.7

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
27-Nov-08	04:18:00	52.5	55.6	47.1
27-Nov-08	04:23:00	51.9	54.9	46.1
27-Nov-08	04:28:00	52.5	55.6	45.5
27-Nov-08	04:33:00	48.5	50.9	45.1
27-Nov-08	04:38:00	50.9	53.9	45.1
27-Nov-08	04:43:00	55.3	61.0	43.4
27-Nov-08	04:48:00	58.5	60.9	46.3
27-Nov-08	04:53:00	55.2	59.1	48.4
27-Nov-08	04:58:00	51.3	53.7	46.6
27-Nov-08	05:03:00	52.9	56.5	44.8
27-Nov-08	05:08:00	56.0	57.4	46.6
27-Nov-08	05:13:00	54.6	57.0	46.6
27-Nov-08	05:18:00	55.5	58.9	48.8
27-Nov-08	05:23:00	56.2	59.2	47.4
27-Nov-08	05:28:00	52.4	55.5	47.6
27-Nov-08	05:33:00	58.0	60.7	47.4
27-Nov-08	05:38:00	58.2	60.7	50.6
27-Nov-08	05:43:00	58.6	63.1	49.5
27-Nov-08	05:48:00	57.1	60.8	49.3
27-Nov-08	05:53:00	57.7	61.2	50.1
27-Nov-08	05:58:00	54.9	57.5	48.1
27-Nov-08	06:03:00	55.5	59.1	48.8
27-Nov-08	06:08:00	54.7	57.2	50.1
27-Nov-08	06:13:00	59.9	63.8	53.1
27-Nov-08	06:18:00	54.3	57.2	50.1
27-Nov-08	06:23:00	59.2	62.1	52.2
27-Nov-08	06:28:00	59.8	63.3	52.1
27-Nov-08	06:33:00	58.1	60.4	50.1
27-Nov-08	06:38:00	60.8	64.3	52.4
27-Nov-08	06:43:00	60.0	61.1	52.2
27-Nov-08	06:48:00	61.1	66.0	50.5
27-Nov-08	06:53:00	64.4	63.4	53.8
27-Nov-08	06:58:00	65.6	68.7	56.1
27-Nov-08	23:03:00	57.1	60.3	50.2
27-Nov-08	23:08:00	58.3	62.5	49.9
27-Nov-08	23:13:00	55.6	58.9	48.3
27-Nov-08	23:18:00	53.3	56.6	46.8
27-Nov-08	23:23:00	51.8	54.6	47.2
27-Nov-08	23:28:00	53.5	54.9	45.9
27-Nov-08	23:33:00	49.9	52.4	46.5
27-Nov-08	23:38:00	49.3	51.9	45.9
27-Nov-08	23:43:00	51.7	55.1	46.0
27-Nov-08	23:48:00	46.2	47.7	44.3
27-Nov-08	23:53:00	53.8	57.6	46.3
27-Nov-08	23:58:00	51.2	55.2	46.2
	Mean	55.4	58.5	47.7
	Maximum	65.6	68.7	56.1
	Minimum	45.2	46.5	42.3

## Appendix B4

### Night Time Noise Level at Block D of Villa Monte Rosa (NC5)

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
28-Nov-08	00:03:00	49.1	51.7	45.3
28-Nov-08	00:08:00	49.6	52.5	45.3
28-Nov-08	00:13:00	49.9	52.8	46.0
28-Nov-08	00:18:00	49.7	52.4	44.4
28-Nov-08	00:23:00	51.2	54.1	47.2
28-Nov-08	00:28:00	47.8	49.9	45.1
28-Nov-08	00:33:00	49.7	52.2	46.0
28-Nov-08	00:38:00	47.1	49.4	44.1
28-Nov-08	00:43:00	45.8	48.1	43.3
28-Nov-08	00:48:00	48.1	50.6	44.5
28-Nov-08	00:53:00	46.2	48.7	43.2
28-Nov-08	00:58:00	47.8	50.7	43.7
28-Nov-08	01:03:00	49.3	52.2	45.1
28-Nov-08	01:08:00	46.4	48.1	43.1
28-Nov-08	01:13:00	48.6	51.2	43.9
28-Nov-08	01:18:00	49.7	52.4	45.2
28-Nov-08	01:23:00	51.2	54.7	44.8
28-Nov-08	01:28:00	48.6	51.6	45.0
28-Nov-08	01:33:00	48.1	50.3	44.6
Level at Block	01:38:00	49.7	52.3	45.1
28-Nov-08	01:43:00	47.0	50.1	42.4
28-Nov-08	01:48:00	46.4	48.7	43.4
28-Nov-08	01:53:00	48.6	52.7	43.0
28-Nov-08	01:58:00	45.0	46.9	42.5
28-Nov-08	02:03:00	51.3	54.6	45.6
28-Nov-08	02:08:00	48.7	52.2	43.7
28-Nov-08	02:13:00	48.9	51.7	44.7
28-Nov-08	02:18:00	47.6	50.2	44.1
28-Nov-08	02:23:00	48.6	51.3	44.5
28-Nov-08	02:28:00	51.7	55.0	46.3
28-Nov-08	02:33:00	51.7	54.7	46.9
28-Nov-08	02:38:00	51.0	54.7	43.8
28-Nov-08	02:43:00	47.1	49.3	43.8
28-Nov-08	02:48:00	46.9	49.9	43.3
28-Nov-08	02:53:00	46.7	48.9	43.4
28-Nov-08	02:58:00	45.7	48.7	42.3
28-Nov-08	03:03:00	49.0	51.7	44.6
28-Nov-08	03:08:00	46.5	49.2	43.1
28-Nov-08	03:13:00	46.6	49.1	43.3
28-Nov-08	03:18:00	57.7	56.5	45.6
28-Nov-08	03:23:00	52.4	56.6	46.2
28-Nov-08	03:28:00	51.3	55.4	44.0
28-Nov-08	03:33:00	45.9	48.3	43.0
28-Nov-08	03:38:00	46.5	49.6	43.1
28-Nov-08	03:43:00	49.4	53.4	42.2
28-Nov-08	03:48:00	50.1	54.7	42.0
28-Nov-08	03:53:00	43.9	45.6	42.0
28-Nov-08	03:58:00	43.6	44.7	41.7
28-Nov-08	04:03:00	45.4	47.7	42.3
28-Nov-08	04:08:00	45.8	48.4	42.1
28-Nov-08	04:13:00	44.1	46.6	41.4

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
28-Nov-08	04:18:00	47.6	51.5	41.4
28-Nov-08	04:23:00	49.2	51.7	42.8
28-Nov-08	04:28:00	47.7	50.5	43.6
28-Nov-08	04:33:00	45.5	48.7	42.0
28-Nov-08	04:38:00	42.4	43.7	41.1
28-Nov-08	04:43:00	43.7	45.6	41.1
28-Nov-08	04:48:00	43.8	45.7	41.1
28-Nov-08	04:53:00	50.9	49.3	41.7
28-Nov-08	04:58:00	46.5	48.9	43.1
28-Nov-08	05:03:00	42.9	44.1	41.2
28-Nov-08	05:08:00	45.9	48.7	42.0
28-Nov-08	05:13:00	54.9	55.4	43.5
28-Nov-08	05:18:00	47.4	48.2	42.0
28-Nov-08	05:23:00	44.9	47.1	42.3
28-Nov-08	05:28:00	45.2	48.0	42.0
28-Nov-08	05:33:00	61.8	55.4	43.2
28-Nov-08	05:38:00	43.3	44.6	41.5
28-Nov-08	05:43:00	45.1	47.3	41.9
28-Nov-08	05:48:00	43.2	44.7	41.4
28-Nov-08	05:53:00	45.5	44.5	41.4
28-Nov-08	05:58:00	46.4	45.6	41.6
28-Nov-08	06:03:00	46.0	48.1	43.3
28-Nov-08	06:08:00	44.9	45.7	42.1
28-Nov-08	06:13:00	47.3	49.2	44.0
28-Nov-08	06:18:00	46.6	46.5	42.4
28-Nov-08	06:23:00	45.7	46.7	43.4
28-Nov-08	06:28:00	45.6	47.5	43.2
28-Nov-08	06:33:00	50.0	49.4	44.1
28-Nov-08	06:38:00	58.6	57.1	45.2
28-Nov-08	06:43:00	54.8	49.9	44.5
28-Nov-08	06:48:00	52.5	52.4	45.1
28-Nov-08	06:53:00	61.0	52.2	44.7
28-Nov-08	06:58:00	60.0	58.3	46.0
28-Nov-08	23:03:00	49.2	48.0	43.3
28-Nov-08	23:08:00	44.6	45.5	43.1
28-Nov-08	23:13:00	45.4	46.8	43.2
28-Nov-08	23:18:00	52.3	52.9	42.8
28-Nov-08	23:23:00	53.0	51.7	42.5
28-Nov-08	23:28:00	47.3	45.6	43.0
28-Nov-08	23:33:00	44.7	45.6	42.9
28-Nov-08	23:38:00	44.7	45.7	43.0
28-Nov-08	23:43:00	53.8	46.7	43.0
28-Nov-08	23:48:00	44.6	45.6	43.0
28-Nov-08	23:53:00	55.5	58.2	43.1
28-Nov-08	23:58:00	52.6	45.8	42.6
	Mean	51.0	51.4	43.7
	Maximum	61.8	58.3	47.2
	Minimum	42.4	43.7	41.1

## Appendix B4

### Night Time Noise Level at Block D of Villa Monte Rosa (NC5)

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
29-Nov-08	00:03:00	44.0	45.1	42.3
29-Nov-08	00:08:00	43.4	44.3	42.1
29-Nov-08	00:13:00	43.5	44.8	42.1
29-Nov-08	00:18:00	43.7	44.2	42.1
29-Nov-08	00:23:00	44.0	45.4	42.1
29-Nov-08	00:28:00	43.4	44.6	42.1
29-Nov-08	00:33:00	44.0	44.9	41.9
29-Nov-08	00:38:00	43.9	44.8	42.1
29-Nov-08	00:43:00	43.5	44.4	42.3
29-Nov-08	00:48:00	43.2	43.6	41.3
29-Nov-08	00:53:00	42.8	43.8	41.1
29-Nov-08	00:58:00	43.1	43.9	41.3
29-Nov-08	01:03:00	42.3	42.9	41.1
29-Nov-08	01:08:00	42.3	43.2	41.2
29-Nov-08	01:13:00	42.8	43.8	42.0
29-Nov-08	01:18:00	43.1	43.9	41.6
29-Nov-08	01:23:00	42.5	43.0	41.0
29-Nov-08	01:28:00	41.5	42.5	40.3
29-Nov-08	01:33:00	41.4	42.5	40.3
29-Nov-08	01:38:00	41.4	42.4	40.3
29-Nov-08	01:43:00	41.5	42.5	40.4
29-Nov-08	01:48:00	41.7	42.6	40.7
29-Nov-08	01:53:00	41.6	42.6	40.4
29-Nov-08	01:58:00	43.2	43.5	40.4
29-Nov-08	02:03:00	42.1	42.8	40.3
29-Nov-08	02:08:00	42.3	43.3	40.5
29-Nov-08	02:13:00	41.9	42.8	40.4
29-Nov-08	02:18:00	41.4	42.4	40.3
29-Nov-08	02:23:00	41.4	42.5	40.3
29-Nov-08	02:28:00	41.3	41.9	40.0
29-Nov-08	02:33:00	41.6	42.9	40.1
29-Nov-08	02:38:00	41.5	42.6	40.1
29-Nov-08	02:43:00	42.1	42.9	41.1
29-Nov-08	02:48:00	42.1	43.0	40.7
29-Nov-08	02:53:00	41.8	42.8	40.5
29-Nov-08	02:58:00	42.9	43.5	40.5
29-Nov-08	03:03:00	41.6	42.8	40.3
29-Nov-08	03:08:00	41.8	42.8	40.3
29-Nov-08	03:13:00	47.7	44.0	40.1
29-Nov-08	03:18:00	41.7	42.8	40.1
29-Nov-08	03:23:00	41.7	42.8	40.3
29-Nov-08	03:28:00	41.9	42.7	40.2
29-Nov-08	03:33:00	42.6	43.6	40.5
29-Nov-08	03:38:00	42.5	43.5	40.4
29-Nov-08	03:43:00	42.1	42.9	40.3
29-Nov-08	03:48:00	41.6	42.8	40.2
29-Nov-08	03:53:00	41.3	42.5	40.0
29-Nov-08	03:58:00	40.9	41.9	39.5
29-Nov-08	04:03:00	41.0	42.0	39.6
29-Nov-08	04:08:00	40.8	41.8	39.6
29-Nov-08	04:13:00	40.7	41.8	39.6

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
29-Nov-08	04:18:00	40.8	41.8	39.7
29-Nov-08	04:23:00	40.8	41.8	39.6
29-Nov-08	04:28:00	42.3	42.6	40.0
29-Nov-08	04:33:00	41.5	42.3	40.1
29-Nov-08	04:38:00	41.1	41.9	39.8
29-Nov-08	04:43:00	40.7	41.7	39.5
29-Nov-08	04:48:00	50.0	48.2	39.9
29-Nov-08	04:53:00	41.0	42.0	39.5
29-Nov-08	04:58:00	40.5	41.4	39.3
29-Nov-08	05:03:00	40.4	41.4	39.3
29-Nov-08	05:08:00	40.9	41.8	39.7
29-Nov-08	05:13:00	46.1	42.9	39.9
29-Nov-08	05:18:00	40.7	41.7	39.6
29-Nov-08	05:23:00	40.6	41.6	39.3
29-Nov-08	05:28:00	41.1	41.8	39.5
29-Nov-08	05:33:00	43.8	42.8	39.7
29-Nov-08	05:38:00	45.7	41.9	39.4
29-Nov-08	05:43:00	42.0	42.4	39.4
29-Nov-08	05:48:00	42.4	43.3	40.0
29-Nov-08	05:53:00	43.4	45.6	40.2
29-Nov-08	05:58:00	43.0	42.8	40.2
29-Nov-08	06:03:00	45.1	43.0	40.1
29-Nov-08	06:08:00	43.5	42.9	40.2
29-Nov-08	06:13:00	42.3	43.4	40.5
29-Nov-08	06:18:00	52.5	43.9	40.9
29-Nov-08	06:23:00	45.6	45.5	40.8
29-Nov-08	06:28:00	42.7	44.0	41.1
29-Nov-08	06:33:00	43.2	43.9	41.5
29-Nov-08	06:38:00	52.4	44.9	41.4
29-Nov-08	06:43:00	43.1	44.2	41.7
29-Nov-08	06:48:00	46.5	47.9	43.0
29-Nov-08	06:53:00	48.6	49.8	43.6
29-Nov-08	06:58:00	46.7	47.6	43.6
29-Nov-08	23:03:00	45.8	47.8	43.0
29-Nov-08	23:08:00	47.9	48.5	42.0
29-Nov-08	23:13:00	45.0	45.5	42.5
29-Nov-08	23:18:00	44.2	45.6	42.2
29-Nov-08	23:23:00	43.8	44.4	42.2
29-Nov-08	23:28:00	48.4	49.4	43.0
29-Nov-08	23:33:00	43.4	44.6	41.7
29-Nov-08	23:38:00	49.8	50.8	42.1
29-Nov-08	23:43:00	43.0	43.9	41.3
29-Nov-08	23:48:00	49.9	49.4	41.4
29-Nov-08	23:53:00	43.4	44.7	42.0
29-Nov-08	23:58:00	43.3	44.5	42.0
	Mean	44.3	44.3	40.9
	Maximum	52.5	50.8	43.6
	Minimum	40.4	41.4	39.3



## Appendix B4

### Night Time Noise Level at Block D of Villa Monte Rosa (NC5)

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
30-Nov-08	00:03:00	44.6	45.8	42.0
30-Nov-08	00:08:00	43.9	44.7	42.1
30-Nov-08	00:13:00	43.4	44.1	42.0
30-Nov-08	00:18:00	44.2	45.5	41.5
30-Nov-08	00:23:00	44.0	44.9	42.1
30-Nov-08	00:28:00	48.0	46.3	41.2
30-Nov-08	00:33:00	47.5	46.0	41.6
30-Nov-08	00:38:00	43.6	45.1	41.3
30-Nov-08	00:43:00	43.8	45.9	40.4
30-Nov-08	00:48:00	41.2	42.0	40.1
30-Nov-08	00:53:00	41.9	42.8	40.4
30-Nov-08	00:58:00	46.9	48.7	40.6
30-Nov-08	01:03:00	46.4	49.1	40.9
30-Nov-08	01:08:00	42.6	43.6	41.3
30-Nov-08	01:13:00	42.4	42.9	40.5
30-Nov-08	01:18:00	41.5	42.7	40.1
30-Nov-08	01:23:00	45.1	48.5	40.0
30-Nov-08	01:28:00	41.7	41.9	39.3
30-Nov-08	01:33:00	41.6	42.6	39.1
30-Nov-08	01:38:00	41.9	41.8	39.2
30-Nov-08	01:43:00	40.3	41.1	39.1
30-Nov-08	01:48:00	41.3	43.0	39.2
30-Nov-08	01:53:00	40.1	41.1	39.0
30-Nov-08	01:58:00	41.0	42.3	39.2
30-Nov-08	02:03:00	41.0	41.9	39.7
30-Nov-08	02:08:00	41.0	41.7	39.2
30-Nov-08	02:13:00	40.4	41.5	39.2
30-Nov-08	02:18:00	53.3	58.8	40.6
30-Nov-08	02:23:00	44.2	47.2	39.2
30-Nov-08	02:28:00	39.9	40.8	39.1
30-Nov-08	02:33:00	39.8	40.8	39.0
30-Nov-08	02:38:00	40.6	40.9	38.5
30-Nov-08	02:43:00	41.6	42.2	39.1
30-Nov-08	02:48:00	40.4	42.2	38.9
30-Nov-08	02:53:00	39.6	40.4	38.2
30-Nov-08	02:58:00	39.2	40.0	38.2
30-Nov-08	03:03:00	39.3	39.9	38.2
30-Nov-08	03:08:00	46.5	51.2	38.9
30-Nov-08	03:13:00	40.5	41.7	39.1
30-Nov-08	03:18:00	40.6	41.6	39.3
30-Nov-08	03:23:00	40.9	41.7	39.1
30-Nov-08	03:28:00	41.6	42.8	39.3
30-Nov-08	03:33:00	39.8	40.7	39.0
30-Nov-08	03:38:00	41.0	42.3	39.0
30-Nov-08	03:43:00	41.2	41.9	40.2
30-Nov-08	03:48:00	39.8	40.8	38.2
30-Nov-08	03:53:00	40.3	41.1	39.3
30-Nov-08	03:58:00	40.7	41.5	39.2
30-Nov-08	04:03:00	39.6	40.6	38.4
30-Nov-08	04:08:00	40.9	41.6	38.6
30-Nov-08	04:13:00	40.5	41.0	38.5

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
30-Nov-08	04:18:00	45.3	42.1	39.2
30-Nov-08	04:23:00	45.8	43.8	39.3
30-Nov-08	04:28:00	40.1	41.0	38.7
30-Nov-08	04:33:00	39.6	40.6	38.5
30-Nov-08	04:38:00	39.6	40.7	38.4
30-Nov-08	04:43:00	39.0	40.0	38.2
30-Nov-08	04:48:00	49.7	48.8	39.4
30-Nov-08	04:53:00	41.7	44.2	39.2
30-Nov-08	04:58:00	39.6	40.4	38.5
30-Nov-08	05:03:00	42.7	43.8	40.5
30-Nov-08	05:08:00	40.5	41.8	39.3
30-Nov-08	05:13:00	42.3	43.2	39.8
30-Nov-08	05:18:00	41.9	44.0	39.8
30-Nov-08	05:23:00	41.7	43.0	38.9
30-Nov-08	05:28:00	42.7	41.8	38.6
30-Nov-08	05:33:00	40.2	41.0	38.7
30-Nov-08	05:38:00	41.9	42.0	38.9
30-Nov-08	05:43:00	42.6	43.4	40.0
30-Nov-08	05:48:00	42.5	43.1	39.2
30-Nov-08	05:53:00	39.8	40.9	38.5
30-Nov-08	05:58:00	39.7	40.8	38.4
30-Nov-08	06:03:00	43.9	42.7	39.3
30-Nov-08	06:08:00	48.0	44.0	39.4
30-Nov-08	06:13:00	45.6	46.4	39.9
30-Nov-08	06:18:00	51.9	48.0	40.6
30-Nov-08	06:23:00	49.3	44.4	40.8
30-Nov-08	06:28:00	47.6	45.9	40.4
30-Nov-08	06:33:00	41.6	42.7	40.2
30-Nov-08	06:38:00	43.9	45.2	41.0
30-Nov-08	06:43:00	54.0	56.7	41.1
30-Nov-08	06:48:00	47.7	47.6	41.9
30-Nov-08	06:53:00	48.6	45.8	41.4
30-Nov-08	06:58:00	43.5	44.9	41.2
30-Nov-08	23:03:00	54.5	55.7	41.6
30-Nov-08	23:08:00	44.0	44.9	41.5
30-Nov-08	23:13:00	46.1	47.4	41.8
30-Nov-08	23:18:00	47.1	47.7	41.4
30-Nov-08	23:23:00	50.1	52.5	41.4
30-Nov-08	23:28:00	51.3	51.6	41.2
30-Nov-08	23:33:00	42.8	44.3	40.7
30-Nov-08	23:38:00	42.3	43.5	40.5
30-Nov-08	23:43:00	43.1	44.1	41.4
30-Nov-08	23:48:00	43.8	45.0	41.6
30-Nov-08	23:53:00	55.6	58.6	42.4
30-Nov-08	23:58:00	43.9	45.3	41.4
	Mean	45.6	47.2	40.1
	Maximum	55.6	58.8	42.4
	Minimum	39.0	39.9	38.2

## Appendix B4

### Night Time Noise Level at Block D of Villa Monte Rosa (NC5)

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
1-Dec-08	00:03:00	42.2	43.7	40.4
1-Dec-08	00:08:00	51.6	45.3	41.1
1-Dec-08	00:13:00	49.8	43.5	40.7
1-Dec-08	00:18:00	52.2	50.1	43.2
1-Dec-08	00:23:00	54.4	52.2	42.7
1-Dec-08	00:28:00	44.1	45.2	41.8
1-Dec-08	00:33:00	42.2	43.6	40.7
1-Dec-08	00:38:00	42.8	43.7	40.6
1-Dec-08	00:43:00	45.6	48.8	40.5
1-Dec-08	00:48:00	41.5	42.5	40.4
1-Dec-08	00:53:00	43.1	44.2	40.5
1-Dec-08	00:58:00	47.6	51.5	41.3
1-Dec-08	01:03:00	41.9	42.9	40.4
1-Dec-08	01:08:00	51.9	50.1	40.8
1-Dec-08	01:13:00	43.0	43.6	41.2
1-Dec-08	01:18:00	41.5	42.5	40.3
1-Dec-08	01:23:00	43.5	45.6	41.0
1-Dec-08	01:28:00	44.8	47.1	41.3
1-Dec-08	01:33:00	41.5	42.5	40.2
1-Dec-08	01:38:00	41.2	41.7	39.2
1-Dec-08	01:43:00	39.7	40.7	38.6
1-Dec-08	01:48:00	40.3	41.4	39.2
1-Dec-08	01:53:00	40.4	41.7	39.2
1-Dec-08	01:58:00	41.6	42.1	40.4
1-Dec-08	02:03:00	41.7	43.3	40.0
1-Dec-08	02:08:00	41.4	41.9	39.4
1-Dec-08	02:13:00	40.7	41.7	39.5
1-Dec-08	02:18:00	41.5	43.2	39.6
1-Dec-08	02:23:00	41.8	42.8	39.5
1-Dec-08	02:28:00	43.2	46.1	39.3
1-Dec-08	02:33:00	40.9	41.8	38.8
1-Dec-08	02:38:00	39.7	40.8	38.6
1-Dec-08	02:43:00	39.7	40.6	38.6
1-Dec-08	02:48:00	40.0	41.2	38.5
1-Dec-08	02:53:00	39.8	40.6	38.4
1-Dec-08	02:58:00	40.5	41.4	38.7
1-Dec-08	03:03:00	40.4	41.7	39.1
1-Dec-08	03:08:00	40.3	41.8	38.5
1-Dec-08	03:13:00	39.9	40.9	38.8
1-Dec-08	03:18:00	55.3	46.2	39.2
1-Dec-08	03:23:00	46.8	47.1	38.3
1-Dec-08	03:28:00	39.8	40.9	38.6
1-Dec-08	03:33:00	39.3	40.1	38.3
1-Dec-08	03:38:00	39.1	40.0	38.3
1-Dec-08	03:43:00	40.0	40.3	38.2
1-Dec-08	03:48:00	39.0	40.1	37.8
1-Dec-08	03:53:00	39.1	39.8	38.0
1-Dec-08	03:58:00	38.9	39.8	38.2
1-Dec-08	04:03:00	40.1	41.7	38.4
1-Dec-08	04:08:00	45.7	41.3	38.5
1-Dec-08	04:13:00	51.3	45.2	38.7

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
1-Dec-08	04:18:00	39.4	40.1	38.4
1-Dec-08	04:23:00	40.3	42.5	38.5
1-Dec-08	04:28:00	40.4	41.7	39.2
1-Dec-08	04:33:00	40.0	41.0	39.2
1-Dec-08	04:38:00	41.1	42.1	40.0
1-Dec-08	04:43:00	40.6	41.5	39.5
1-Dec-08	04:48:00	40.2	41.1	39.2
1-Dec-08	04:53:00	51.2	48.8	38.6
1-Dec-08	04:58:00	39.9	40.9	38.7
1-Dec-08	05:03:00	40.6	42.7	38.5
1-Dec-08	05:08:00	45.9	40.9	38.4
1-Dec-08	05:13:00	39.0	40.0	38.2
1-Dec-08	05:18:00	38.8	39.8	38.1
1-Dec-08	05:23:00	39.7	40.5	38.4
1-Dec-08	05:28:00	40.2	42.2	38.3
1-Dec-08	05:33:00	39.3	40.1	38.3
1-Dec-08	05:38:00	41.4	44.1	38.6
1-Dec-08	05:43:00	42.4	40.7	38.4
1-Dec-08	05:48:00	39.4	40.1	38.4
1-Dec-08	05:53:00	40.2	41.1	39.3
1-Dec-08	05:58:00	49.6	55.7	39.7
1-Dec-08	06:03:00	40.9	42.1	39.4
1-Dec-08	06:08:00	42.7	43.2	39.8
1-Dec-08	06:13:00	45.8	45.0	40.0
1-Dec-08	06:18:00	42.3	43.2	40.5
1-Dec-08	06:23:00	42.0	43.2	41.1
1-Dec-08	06:28:00	42.4	43.8	40.4
1-Dec-08	06:33:00	53.4	50.3	40.4
1-Dec-08	06:38:00	46.0	47.8	41.3
1-Dec-08	06:43:00	45.0	46.6	41.3
1-Dec-08	06:48:00	44.9	46.7	42.2
1-Dec-08	06:53:00	51.1	50.6	42.4
1-Dec-08	06:58:00	49.3	51.5	42.7
1-Dec-08	23:03:00	54.5	54.5	42.2
1-Dec-08	23:08:00	43.4	44.4	42.2
1-Dec-08	23:13:00	47.9	48.8	42.2
1-Dec-08	23:18:00	43.0	43.9	42.0
1-Dec-08	23:23:00	43.3	43.9	42.1
1-Dec-08	23:28:00	45.2	45.6	42.4
1-Dec-08	23:33:00	51.4	45.6	42.1
1-Dec-08	23:38:00	46.7	45.9	42.2
1-Dec-08	23:43:00	50.2	46.4	42.3
1-Dec-08	23:48:00	43.8	44.6	42.2
1-Dec-08	23:53:00	44.4	44.8	42.6
1-Dec-08	23:58:00	43.3	44.2	42.2
	Mean	46.1	45.7	40.2
	Maximum	55.3	55.7	43.2
	Minimum	38.8	39.8	37.8

## Appendix B4

### Night Time Noise Level at Block D of Villa Monte Rosa (NC5)

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
2-Dec-08	00:03:00	43.7	45.4	42.3
2-Dec-08	00:08:00	48.3	47.3	42.3
2-Dec-08	00:13:00	42.7	43.6	41.6
2-Dec-08	00:18:00	48.4	46.7	41.4
2-Dec-08	00:23:00	42.4	43.1	41.4
2-Dec-08	00:28:00	42.7	43.6	41.4
2-Dec-08	00:33:00	42.1	43.0	41.2
2-Dec-08	00:38:00	42.2	42.9	41.2
2-Dec-08	00:43:00	41.8	42.6	41.2
2-Dec-08	00:48:00	42.4	43.6	41.2
2-Dec-08	00:53:00	42.8	43.7	41.3
2-Dec-08	00:58:00	44.8	49.0	40.6
2-Dec-08	01:03:00	42.1	42.9	41.2
2-Dec-08	01:08:00	42.2	42.9	41.2
2-Dec-08	01:13:00	43.1	43.3	41.4
2-Dec-08	01:18:00	41.9	42.8	41.2
2-Dec-08	01:23:00	42.3	43.4	41.2
2-Dec-08	01:28:00	43.3	43.5	41.3
2-Dec-08	01:33:00	42.6	44.0	41.3
2-Dec-08	01:38:00	42.1	43.0	41.2
2-Dec-08	01:43:00	42.3	43.0	41.2
2-Dec-08	01:48:00	41.8	42.6	40.9
2-Dec-08	01:53:00	49.0	43.5	41.2
2-Dec-08	01:58:00	41.8	42.6	41.0
2-Dec-08	02:03:00	42.2	42.8	41.2
2-Dec-08	02:08:00	42.2	42.9	41.2
2-Dec-08	02:13:00	41.8	42.7	41.2
2-Dec-08	02:18:00	42.0	42.9	41.2
2-Dec-08	02:23:00	41.9	42.8	41.2
2-Dec-08	02:28:00	42.1	43.0	41.2
2-Dec-08	02:33:00	42.4	43.0	41.2
2-Dec-08	02:38:00	41.9	42.8	41.1
2-Dec-08	02:43:00	41.8	42.7	41.1
2-Dec-08	02:48:00	41.8	42.7	41.1
2-Dec-08	02:53:00	42.0	42.9	41.2
2-Dec-08	02:58:00	55.6	53.5	41.3
2-Dec-08	03:03:00	42.3	43.0	41.0
2-Dec-08	03:08:00	41.9	42.8	41.1
2-Dec-08	03:13:00	41.8	42.7	40.8
2-Dec-08	03:18:00	41.9	42.8	41.2
2-Dec-08	03:23:00	51.2	55.8	41.3
2-Dec-08	03:28:00	42.1	43.0	41.3
2-Dec-08	03:33:00	42.0	43.0	41.1
2-Dec-08	03:38:00	42.1	43.0	41.0
2-Dec-08	03:43:00	42.4	43.1	41.1
2-Dec-08	03:48:00	41.9	42.5	40.7
2-Dec-08	03:53:00	43.7	44.1	41.3
2-Dec-08	03:58:00	46.9	44.2	40.8
2-Dec-08	04:03:00	41.8	42.8	40.8
2-Dec-08	04:08:00	42.1	43.1	40.9
2-Dec-08	04:13:00	42.9	43.8	42.3

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
2-Dec-08	04:18:00	42.6	42.9	40.8
2-Dec-08	04:23:00	42.2	43.1	41.0
2-Dec-08	04:28:00	41.7	42.7	40.7
2-Dec-08	04:33:00	50.7	48.8	41.0
2-Dec-08	04:38:00	41.8	42.7	40.6
2-Dec-08	04:43:00	42.1	43.2	40.6
2-Dec-08	04:48:00	41.7	42.6	40.7
2-Dec-08	04:53:00	51.8	48.6	41.2
2-Dec-08	04:58:00	50.7	46.4	40.7
2-Dec-08	05:03:00	41.9	42.8	40.6
2-Dec-08	05:08:00	42.0	42.8	40.8
2-Dec-08	05:13:00	42.8	43.1	40.9
2-Dec-08	05:18:00	42.2	43.0	40.7
2-Dec-08	05:23:00	54.7	49.6	40.7
2-Dec-08	05:28:00	41.9	42.8	40.7
2-Dec-08	05:33:00	49.6	44.1	40.9
2-Dec-08	05:38:00	53.8	54.4	41.0
2-Dec-08	05:43:00	56.5	52.8	42.2
2-Dec-08	05:48:00	52.2	50.3	41.3
2-Dec-08	05:53:00	54.4	53.3	41.7
2-Dec-08	05:58:00	52.3	49.4	41.3
2-Dec-08	06:03:00	60.9	60.8	43.3
2-Dec-08	06:08:00	67.8	68.9	45.9
2-Dec-08	06:13:00	65.6	68.4	45.8
2-Dec-08	06:18:00	68.3	71.9	43.6
2-Dec-08	06:23:00	55.6	55.5	43.2
2-Dec-08	06:28:00	59.1	56.2	43.4
2-Dec-08	06:33:00	58.0	60.4	44.9
2-Dec-08	06:38:00	52.1	51.6	45.3
2-Dec-08	06:43:00	55.0	56.3	45.6
2-Dec-08	06:48:00	78.7	83.4	48.5
2-Dec-08	06:53:00	75.1	78.8	51.5
2-Dec-08	06:58:00	73.3	76.3	54.8
2-Dec-08	23:03:00	43.9	44.8	43.0
2-Dec-08	23:08:00	49.4	52.2	42.9
2-Dec-08	23:13:00	44.2	45.3	43.0
2-Dec-08	23:18:00	44.6	45.1	42.7
2-Dec-08	23:23:00	43.1	44.0	41.8
2-Dec-08	23:28:00	43.5	44.1	42.3
2-Dec-08	23:33:00	44.1	44.8	42.3
2-Dec-08	23:38:00	43.7	44.2	42.3
2-Dec-08	23:43:00	43.9	44.9	42.8
2-Dec-08	23:48:00	43.1	44.0	42.2
2-Dec-08	23:53:00	44.1	46.4	42.1
2-Dec-08	23:58:00	44.1	44.9	42.4
	Mean	62.0	65.9	43.0
	Maximum	78.7	83.4	54.8
	Minimum	41.7	42.5	40.6

## Appendix B4

### Night Time Noise Level at Block D of Villa Monte Rosa (NC5)

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
3-Dec-08	00:03:00	43.2	44.4	41.8
3-Dec-08	00:08:00	42.9	43.8	41.6
3-Dec-08	00:13:00	43.3	44.1	41.8
3-Dec-08	00:18:00	42.8	43.9	41.4
3-Dec-08	00:23:00	43.5	44.6	42.3
3-Dec-08	00:28:00	42.9	43.6	41.7
3-Dec-08	00:33:00	42.9	44.0	41.4
3-Dec-08	00:38:00	49.4	52.7	41.3
3-Dec-08	00:43:00	43.2	43.4	41.3
3-Dec-08	00:48:00	42.0	43.0	41.2
3-Dec-08	00:53:00	42.3	43.1	41.3
3-Dec-08	00:58:00	41.9	42.8	41.0
3-Dec-08	01:03:00	42.8	43.9	41.5
3-Dec-08	01:08:00	42.4	43.7	41.2
3-Dec-08	01:13:00	42.7	43.7	41.6
3-Dec-08	01:18:00	49.0	51.4	41.6
3-Dec-08	01:23:00	42.3	43.1	41.3
3-Dec-08	01:28:00	41.7	42.1	40.7
3-Dec-08	01:33:00	42.0	42.9	41.2
3-Dec-08	01:38:00	42.0	42.9	41.2
3-Dec-08	01:43:00	41.9	42.6	40.5
3-Dec-08	01:48:00	41.5	42.1	40.5
3-Dec-08	01:53:00	41.9	42.9	40.6
3-Dec-08	01:58:00	41.9	42.7	41.0
3-Dec-08	02:03:00	41.6	42.3	40.6
3-Dec-08	02:08:00	41.6	42.3	40.6
3-Dec-08	02:13:00	42.2	43.0	41.2
3-Dec-08	02:18:00	42.2	43.0	41.3
3-Dec-08	02:23:00	42.0	43.0	41.2
3-Dec-08	02:28:00	41.8	42.8	41.1
3-Dec-08	02:33:00	55.8	54.0	41.4
3-Dec-08	02:38:00	42.2	43.1	41.3
3-Dec-08	02:43:00	42.6	43.8	41.4
3-Dec-08	02:48:00	42.4	42.9	41.2
3-Dec-08	02:53:00	42.3	43.6	41.2
3-Dec-08	02:58:00	42.4	43.6	41.2
3-Dec-08	03:03:00	45.7	46.1	41.2
3-Dec-08	03:08:00	43.2	43.0	41.2
3-Dec-08	03:13:00	44.5	43.0	40.6
3-Dec-08	03:18:00	42.8	43.4	41.5
3-Dec-08	03:23:00	42.2	43.1	41.0
3-Dec-08	03:28:00	41.5	42.2	40.5
3-Dec-08	03:33:00	46.6	47.7	40.5
3-Dec-08	03:38:00	42.5	43.6	40.6
3-Dec-08	03:43:00	41.2	42.0	40.3
3-Dec-08	03:48:00	41.2	42.0	40.4
3-Dec-08	03:53:00	43.6	42.0	40.3
3-Dec-08	03:58:00	41.1	41.9	40.3
3-Dec-08	04:03:00	41.1	42.0	40.4
3-Dec-08	04:08:00	41.7	42.4	40.4
3-Dec-08	04:13:00	42.1	42.9	40.5

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
3-Dec-08	04:18:00	43.1	44.0	40.8
3-Dec-08	04:23:00	45.6	45.0	41.2
3-Dec-08	04:28:00	41.5	42.2	40.5
3-Dec-08	04:33:00	41.4	42.1	40.5
3-Dec-08	04:38:00	50.5	49.3	40.7
3-Dec-08	04:43:00	41.7	42.2	40.6
3-Dec-08	04:48:00	42.7	44.5	40.9
3-Dec-08	04:53:00	52.0	48.1	40.7
3-Dec-08	04:58:00	51.6	45.8	41.1
3-Dec-08	05:03:00	43.3	43.1	41.2
3-Dec-08	05:08:00	43.4	43.9	40.8
3-Dec-08	05:13:00	43.0	44.0	40.5
3-Dec-08	05:18:00	53.8	44.7	40.7
3-Dec-08	05:23:00	48.7	43.6	40.6
3-Dec-08	05:28:00	41.6	42.3	40.7
3-Dec-08	05:33:00	55.6	51.4	41.2
3-Dec-08	05:38:00	53.3	50.2	40.8
3-Dec-08	05:43:00	56.5	48.0	41.3
3-Dec-08	05:48:00	56.6	55.4	41.7
3-Dec-08	05:53:00	53.8	48.3	41.6
3-Dec-08	05:58:00	52.9	51.5	42.1
3-Dec-08	06:03:00	63.5	60.1	42.2
3-Dec-08	06:08:00	68.9	72.4	44.5
3-Dec-08	06:13:00	65.7	66.5	44.8
3-Dec-08	06:18:00	69.8	73.5	47.5
3-Dec-08	06:23:00	53.5	50.3	43.5
3-Dec-08	06:28:00	59.9	59.0	45.5
3-Dec-08	06:33:00	54.0	52.0	44.3
3-Dec-08	06:38:00	55.3	56.6	44.4
3-Dec-08	06:43:00	71.2	61.5	44.7
3-Dec-08	06:48:00	77.7	79.9	49.6
3-Dec-08	06:53:00	76.3	80.6	52.6
3-Dec-08	06:58:00	73.7	76.1	56.3
3-Dec-08	23:03:00	48.1	48.8	43.7
3-Dec-08	23:08:00	44.8	45.7	43.5
3-Dec-08	23:13:00	45.0	46.1	43.5
3-Dec-08	23:18:00	46.0	45.8	43.3
3-Dec-08	23:23:00	45.5	46.1	43.5
3-Dec-08	23:28:00	45.0	45.8	43.3
3-Dec-08	23:33:00	49.3	46.0	43.3
3-Dec-08	23:38:00	46.0	47.5	43.2
3-Dec-08	23:43:00	45.1	46.5	43.4
3-Dec-08	23:48:00	49.9	46.7	42.5
3-Dec-08	23:53:00	49.0	49.9	44.3
3-Dec-08	23:58:00	47.0	49.5	43.6
	Mean	62.4	65.0	43.5
	Maximum	77.7	80.6	56.3
	Minimum	41.1	41.9	40.3

## Appendix B4

### Night Time Noise Level at Block D of Villa Monte Rosa (NC5)

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
4-Dec-08	00:03:00	50.0	48.8	43.9
4-Dec-08	00:08:00	48.0	50.1	45.3
4-Dec-08	00:13:00	50.4	53.8	45.8
4-Dec-08	00:18:00	46.9	48.6	44.5
4-Dec-08	00:23:00	52.7	56.4	46.5
4-Dec-08	00:28:00	49.2	52.0	45.3
4-Dec-08	00:33:00	48.6	50.6	44.7
4-Dec-08	00:38:00	48.3	50.1	44.9
4-Dec-08	00:43:00	45.4	46.7	43.5
4-Dec-08	00:48:00	49.7	53.1	44.2
4-Dec-08	00:53:00	48.8	51.7	44.0
4-Dec-08	00:58:00	47.9	50.2	44.0
4-Dec-08	01:03:00	48.3	50.7	45.2
4-Dec-08	01:08:00	53.7	56.2	43.8
4-Dec-08	01:13:00	48.6	51.4	43.8
4-Dec-08	01:18:00	47.5	50.0	43.5
4-Dec-08	01:23:00	47.3	50.2	44.0
4-Dec-08	01:28:00	47.9	50.3	44.9
4-Dec-08	01:33:00	47.2	49.3	43.6
4-Dec-08	01:38:00	46.2	48.2	43.4
4-Dec-08	01:43:00	46.7	48.7	44.1
4-Dec-08	01:48:00	50.7	53.7	46.9
4-Dec-08	01:53:00	48.0	50.6	45.3
4-Dec-08	01:58:00	49.8	52.3	45.6
4-Dec-08	02:03:00	54.6	57.5	48.7
4-Dec-08	02:08:00	53.9	57.7	45.2
4-Dec-08	02:13:00	53.0	56.7	45.2
4-Dec-08	02:18:00	50.8	54.7	44.5
4-Dec-08	02:23:00	51.9	54.7	44.7
4-Dec-08	02:28:00	53.7	56.3	47.7
4-Dec-08	02:33:00	49.8	52.6	45.6
4-Dec-08	02:38:00	50.9	54.8	44.1
4-Dec-08	02:43:00	55.0	59.1	46.9
4-Dec-08	02:48:00	56.2	60.3	48.6
4-Dec-08	02:53:00	57.4	61.6	46.2
4-Dec-08	02:58:00	57.6	61.4	48.7
4-Dec-08	03:03:00	53.6	56.7	45.0
4-Dec-08	03:08:00	56.8	60.2	46.8
4-Dec-08	03:13:00	60.5	64.3	51.1
4-Dec-08	03:18:00	53.8	57.9	46.1
4-Dec-08	03:23:00	54.2	58.6	45.3
4-Dec-08	03:28:00	52.3	56.6	44.6
4-Dec-08	03:33:00	53.9	57.4	47.7
4-Dec-08	03:38:00	53.7	57.3	46.2
4-Dec-08	03:43:00	50.6	53.0	46.3
4-Dec-08	03:48:00	52.6	55.9	45.2
4-Dec-08	03:53:00	49.7	53.3	44.9
4-Dec-08	03:58:00	52.4	56.2	47.0
4-Dec-08	04:03:00	52.8	56.0	47.4
4-Dec-08	04:08:00	52.2	55.3	46.4
4-Dec-08	04:13:00	52.8	56.0	45.8

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
4-Dec-08	04:18:00	48.8	51.2	45.4
4-Dec-08	04:23:00	51.2	54.3	45.4
4-Dec-08	04:28:00	55.7	61.4	43.7
4-Dec-08	04:33:00	58.9	61.3	46.6
4-Dec-08	04:38:00	55.6	59.5	48.7
4-Dec-08	04:43:00	51.6	54.1	46.9
4-Dec-08	04:48:00	53.2	56.9	45.1
4-Dec-08	04:53:00	56.4	57.8	46.9
4-Dec-08	04:58:00	54.9	57.3	46.8
4-Dec-08	05:03:00	55.8	59.2	49.0
4-Dec-08	05:08:00	56.5	59.5	47.6
4-Dec-08	05:13:00	52.6	55.8	47.8
4-Dec-08	05:18:00	58.3	61.0	47.6
4-Dec-08	05:23:00	58.5	61.0	50.8
4-Dec-08	05:28:00	58.9	63.4	49.7
4-Dec-08	05:33:00	57.4	61.1	49.5
4-Dec-08	05:38:00	58.0	61.5	50.3
4-Dec-08	05:43:00	55.2	57.8	48.3
4-Dec-08	05:48:00	55.8	59.4	49.0
4-Dec-08	05:53:00	55.0	57.5	50.3
4-Dec-08	05:58:00	60.2	64.1	53.3
4-Dec-08	06:03:00	54.5	57.5	50.3
4-Dec-08	06:08:00	59.5	62.4	52.4
4-Dec-08	06:13:00	60.1	63.6	52.3
4-Dec-08	06:18:00	58.4	60.7	50.3
4-Dec-08	06:23:00	61.1	64.6	52.6
4-Dec-08	06:28:00	60.3	61.4	52.4
4-Dec-08	06:33:00	61.4	66.3	50.7
4-Dec-08	06:38:00	64.7	63.7	54.0
4-Dec-08	06:43:00	65.9	69.0	56.4
4-Dec-08	06:48:00	64.6	66.8	53.9
4-Dec-08	06:53:00	68.4	71.6	58.5
4-Dec-08	06:58:00	66.9	70.4	56.9
4-Dec-08	23:03:00	53.9	56.1	45.2
4-Dec-08	23:08:00	45.7	47.2	43.1
4-Dec-08	23:13:00	47.6	47.6	44.0
4-Dec-08	23:18:00	53.8	54.4	44.9
4-Dec-08	23:23:00	49.6	52.1	45.0
4-Dec-08	23:28:00	49.9	51.9	44.5
4-Dec-08	23:33:00	48.8	51.2	44.8
4-Dec-08	23:38:00	46.8	48.5	44.1
4-Dec-08	23:43:00	47.4	50.1	43.3
4-Dec-08	23:48:00	52.2	50.8	43.1
4-Dec-08	23:53:00	46.9	49.5	42.8
4-Dec-08	23:58:00	53.0	50.1	43.8
	Mean	57.0	60.1	48.6
	Maximum	68.4	71.6	58.5
	Minimum	45.4	46.7	42.8

## Appendix B4

### Night Time Noise Level at Block D of Villa Monte Rosa (NC5)

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
5-Dec-08	00:03:00	46.9	48.9	43.3
5-Dec-08	00:08:00	48.7	51.1	44.3
5-Dec-08	00:13:00	50.1	52.3	44.2
5-Dec-08	00:18:00	49.4	52.2	45.6
5-Dec-08	00:23:00	50.5	51.5	44.3
5-Dec-08	00:28:00	47.7	50.0	44.4
5-Dec-08	00:33:00	46.9	49.9	43.5
5-Dec-08	00:38:00	45.3	46.9	43.3
5-Dec-08	00:43:00	44.5	45.9	42.5
5-Dec-08	00:48:00	47.2	50.1	43.2
5-Dec-08	00:53:00	50.8	53.7	44.0
5-Dec-08	00:58:00	45.8	47.7	43.0
5-Dec-08	01:03:00	49.6	52.0	44.1
5-Dec-08	01:08:00	48.7	51.6	43.5
5-Dec-08	01:13:00	47.4	50.1	43.4
5-Dec-08	01:18:00	48.2	51.0	43.8
5-Dec-08	01:23:00	48.5	51.5	44.3
5-Dec-08	01:28:00	53.9	58.1	46.4
5-Dec-08	01:33:00	45.5	47.6	42.2
5-Dec-08	01:38:00	46.8	49.6	43.1
5-Dec-08	01:43:00	44.4	46.1	42.3
5-Dec-08	01:48:00	44.9	46.9	41.6
5-Dec-08	01:53:00	47.3	49.8	43.1
5-Dec-08	01:58:00	48.4	51.5	44.4
5-Dec-08	02:03:00	51.0	53.8	43.6
5-Dec-08	02:08:00	52.6	55.6	46.4
5-Dec-08	02:13:00	47.2	49.8	43.2
5-Dec-08	02:18:00	47.2	50.1	44.1
5-Dec-08	02:23:00	47.0	49.5	42.4
5-Dec-08	02:28:00	51.0	54.4	43.0
5-Dec-08	02:33:00	53.6	56.9	47.5
5-Dec-08	02:38:00	53.7	58.3	45.5
5-Dec-08	02:43:00	50.9	54.0	44.4
5-Dec-08	02:48:00	48.9	52.9	43.3
5-Dec-08	02:53:00	46.9	49.2	43.0
5-Dec-08	02:58:00	48.8	51.2	45.4
5-Dec-08	03:03:00	54.3	58.4	46.0
5-Dec-08	03:08:00	49.6	53.2	43.4
5-Dec-08	03:13:00	48.9	52.0	43.9
5-Dec-08	03:18:00	57.0	55.6	43.7
5-Dec-08	03:23:00	50.8	53.5	44.1
5-Dec-08	03:28:00	47.0	49.6	42.9
5-Dec-08	03:33:00	48.6	51.7	42.5
5-Dec-08	03:38:00	48.7	51.7	44.6
5-Dec-08	03:43:00	50.3	53.2	46.1
5-Dec-08	03:48:00	52.2	55.3	46.5
5-Dec-08	03:53:00	51.2	54.0	46.3
5-Dec-08	03:58:00	57.6	62.0	47.6
5-Dec-08	04:03:00	49.0	51.5	45.6
5-Dec-08	04:08:00	50.6	53.1	46.8
5-Dec-08	04:13:00	52.4	55.6	46.0

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
5-Dec-08	04:18:00	50.6	53.6	45.2
5-Dec-08	04:23:00	54.3	57.2	48.6
5-Dec-08	04:28:00	52.0	55.7	46.1
5-Dec-08	04:33:00	52.3	56.1	47.1
5-Dec-08	04:38:00	52.7	56.4	47.0
5-Dec-08	04:43:00	49.7	52.7	45.5
5-Dec-08	04:48:00	53.4	56.5	45.3
5-Dec-08	04:53:00	53.7	57.8	45.8
5-Dec-08	04:58:00	47.2	49.7	44.0
5-Dec-08	05:03:00	46.8	49.1	44.1
5-Dec-08	05:08:00	47.9	50.6	42.9
5-Dec-08	05:13:00	49.5	53.1	43.0
5-Dec-08	05:18:00	50.2	53.1	45.1
5-Dec-08	05:23:00	50.3	52.7	43.7
5-Dec-08	05:28:00	56.0	52.4	44.4
5-Dec-08	05:33:00	47.3	49.9	43.8
5-Dec-08	05:38:00	55.2	56.9	45.5
5-Dec-08	05:43:00	48.9	52.7	43.8
5-Dec-08	05:48:00	48.8	52.1	44.4
5-Dec-08	05:53:00	47.8	50.2	43.5
5-Dec-08	05:58:00	50.9	53.4	45.4
5-Dec-08	06:03:00	50.9	54.9	45.0
5-Dec-08	06:08:00	51.5	54.7	45.0
5-Dec-08	06:13:00	50.4	53.0	46.2
5-Dec-08	06:18:00	48.6	51.2	44.7
5-Dec-08	06:23:00	51.5	49.7	44.1
5-Dec-08	06:28:00	46.7	48.2	44.7
5-Dec-08	06:33:00	48.1	49.3	44.3
5-Dec-08	06:38:00	49.2	51.2	45.6
5-Dec-08	06:43:00	49.0	49.7	45.3
5-Dec-08	06:48:00	50.0	52.3	47.3
5-Dec-08	06:53:00	49.2	51.4	46.3
5-Dec-08	06:58:00	58.1	56.0	46.4
5-Dec-08	23:03:00	47.1	49.1	44.0
5-Dec-08	23:08:00	44.5	45.7	43.0
5-Dec-08	23:13:00	51.4	55.4	43.5
5-Dec-08	23:18:00	50.1	51.4	44.7
5-Dec-08	23:23:00	47.5	49.0	44.5
5-Dec-08	23:28:00	46.9	48.7	44.3
5-Dec-08	23:33:00	50.7	52.1	44.3
5-Dec-08	23:38:00	46.9	48.1	44.1
5-Dec-08	23:43:00	46.4	48.0	44.2
5-Dec-08	23:48:00	45.7	47.4	43.8
5-Dec-08	23:53:00	45.6	47.1	43.8
5-Dec-08	23:58:00	48.7	49.4	43.5
	Mean	50.7	53.2	44.7
	Maximum	58.1	62.0	48.6
	Minimum	44.4	45.7	41.6

## Appendix B4

### Night Time Noise Level at Block D of Villa Monte Rosa (NC5)

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
6-Dec-08	00:03:00	47.6	49.2	43.5
6-Dec-08	00:08:00	43.8	44.9	42.4
6-Dec-08	00:13:00	49.8	51.0	43.2
6-Dec-08	00:18:00	46.0	47.5	43.4
6-Dec-08	00:23:00	46.2	48.3	42.9
6-Dec-08	00:28:00	48.9	51.3	43.5
6-Dec-08	00:33:00	45.2	48.3	42.3
6-Dec-08	00:38:00	46.3	47.6	43.0
6-Dec-08	00:43:00	45.5	47.7	42.8
6-Dec-08	00:48:00	49.0	52.1	44.8
6-Dec-08	00:53:00	50.7	52.0	45.2
6-Dec-08	00:58:00	46.0	47.7	43.6
6-Dec-08	01:03:00	47.8	49.7	43.7
6-Dec-08	01:08:00	45.3	47.6	42.4
6-Dec-08	01:13:00	49.2	53.2	42.4
6-Dec-08	01:18:00	43.9	45.5	41.9
6-Dec-08	01:23:00	44.1	46.0	42.0
6-Dec-08	01:28:00	43.2	44.5	41.3
6-Dec-08	01:33:00	42.6	43.9	41.0
6-Dec-08	01:38:00	43.8	45.3	41.8
6-Dec-08	01:43:00	45.7	49.1	41.7
6-Dec-08	01:48:00	46.3	48.8	42.7
6-Dec-08	01:53:00	45.7	48.3	42.2
6-Dec-08	01:58:00	44.9	46.9	41.9
6-Dec-08	02:03:00	46.6	49.3	43.2
6-Dec-08	02:08:00	46.1	49.3	41.7
6-Dec-08	02:13:00	43.8	44.8	41.4
6-Dec-08	02:18:00	48.0	51.6	41.7
6-Dec-08	02:23:00	45.5	48.2	41.4
6-Dec-08	02:28:00	42.3	44.9	40.2
6-Dec-08	02:33:00	42.1	43.5	40.6
6-Dec-08	02:38:00	44.2	45.8	41.4
6-Dec-08	02:43:00	44.6	46.4	41.7
6-Dec-08	02:48:00	43.8	45.4	42.0
6-Dec-08	02:53:00	42.8	44.5	41.0
6-Dec-08	02:58:00	48.8	49.5	41.0
6-Dec-08	03:03:00	42.0	43.5	40.3
6-Dec-08	03:08:00	43.2	44.8	41.3
6-Dec-08	03:13:00	45.3	47.6	42.1
6-Dec-08	03:18:00	43.5	45.6	41.0
6-Dec-08	03:23:00	44.3	46.6	41.2
6-Dec-08	03:28:00	45.9	48.6	42.5
6-Dec-08	03:33:00	46.5	48.5	43.9
6-Dec-08	03:38:00	45.4	48.5	41.7
6-Dec-08	03:43:00	45.3	48.7	41.0
6-Dec-08	03:48:00	46.5	49.3	42.0
6-Dec-08	03:53:00	44.3	46.1	42.0
6-Dec-08	03:58:00	46.8	49.5	42.4
6-Dec-08	04:03:00	44.1	47.3	40.3
6-Dec-08	04:08:00	44.6	46.8	41.0
6-Dec-08	04:13:00	45.0	47.4	41.6

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
6-Dec-08	04:18:00	46.4	49.6	41.6
6-Dec-08	04:23:00	44.2	46.5	41.2
6-Dec-08	04:28:00	46.1	46.0	41.2
6-Dec-08	04:33:00	44.2	45.9	41.0
6-Dec-08	04:38:00	42.1	44.2	39.3
6-Dec-08	04:43:00	41.7	43.6	39.5
6-Dec-08	04:48:00	42.1	43.1	39.7
6-Dec-08	04:53:00	46.0	48.9	41.8
6-Dec-08	04:58:00	51.8	54.1	42.1
6-Dec-08	05:03:00	48.0	51.1	42.5
6-Dec-08	05:08:00	52.6	49.1	42.1
6-Dec-08	05:13:00	43.3	44.8	41.4
6-Dec-08	05:18:00	41.5	43.7	39.3
6-Dec-08	05:23:00	50.6	50.0	40.0
6-Dec-08	05:28:00	46.5	44.5	39.3
6-Dec-08	05:33:00	41.0	41.9	39.7
6-Dec-08	05:38:00	41.8	42.8	40.0
6-Dec-08	05:43:00	41.4	42.7	40.1
6-Dec-08	05:48:00	45.5	47.0	41.1
6-Dec-08	05:53:00	47.6	52.1	41.3
6-Dec-08	05:58:00	47.0	49.6	42.0
6-Dec-08	06:03:00	42.4	44.1	40.5
6-Dec-08	06:08:00	43.0	44.7	40.6
6-Dec-08	06:13:00	42.9	44.6	40.6
6-Dec-08	06:18:00	63.9	61.9	40.5
6-Dec-08	06:23:00	53.8	53.2	41.6
6-Dec-08	06:28:00	58.3	59.9	43.1
6-Dec-08	06:33:00	59.8	62.9	43.1
6-Dec-08	06:38:00	59.0	63.0	41.2
6-Dec-08	06:43:00	54.8	53.3	42.2
6-Dec-08	06:48:00	51.4	45.7	41.8
6-Dec-08	06:53:00	53.0	51.2	42.1
6-Dec-08	06:58:00	48.2	49.1	42.3
6-Dec-08	23:03:00	50.2	51.8	42.6
6-Dec-08	23:08:00	45.6	46.8	43.2
6-Dec-08	23:13:00	48.1	47.3	43.1
6-Dec-08	23:18:00	44.2	45.1	43.0
6-Dec-08	23:23:00	51.9	55.3	43.2
6-Dec-08	23:28:00	54.8	47.0	43.1
6-Dec-08	23:33:00	44.4	45.8	42.4
6-Dec-08	23:38:00	43.5	44.7	41.6
6-Dec-08	23:43:00	42.8	44.5	41.1
6-Dec-08	23:48:00	49.7	51.0	41.4
6-Dec-08	23:53:00	44.2	45.7	42.0
6-Dec-08	23:58:00	42.9	43.9	41.2
	Mean	50.1	51.3	41.9
	Maximum	63.9	63.0	45.2
	Minimum	41.0	41.9	39.3

## Appendix B4

### Night Time Noise Level at Block D of Villa Monte Rosa (NC5)

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
7-Dec-08	00:03:00	43.8	45.5	42.0
7-Dec-08	00:08:00	51.8	52.3	41.5
7-Dec-08	00:13:00	43.9	45.7	41.5
7-Dec-08	00:18:00	44.6	46.4	42.2
7-Dec-08	00:23:00	43.5	44.7	41.6
7-Dec-08	00:28:00	43.7	44.6	41.1
7-Dec-08	00:33:00	42.4	43.5	40.6
7-Dec-08	00:38:00	43.3	44.0	40.6
7-Dec-08	00:43:00	43.5	44.1	41.2
7-Dec-08	00:48:00	43.7	44.6	41.6
7-Dec-08	00:53:00	43.6	44.7	40.6
7-Dec-08	00:58:00	40.7	41.6	39.7
7-Dec-08	01:03:00	41.7	42.6	40.2
7-Dec-08	01:08:00	41.4	42.5	40.2
7-Dec-08	01:13:00	42.2	43.2	40.2
7-Dec-08	01:18:00	42.7	43.5	40.2
7-Dec-08	01:23:00	41.9	43.3	40.1
7-Dec-08	01:28:00	44.9	49.1	40.0
7-Dec-08	01:33:00	45.8	49.7	40.2
7-Dec-08	01:38:00	41.8	43.5	39.4
7-Dec-08	01:43:00	42.0	43.5	39.9
7-Dec-08	01:48:00	48.4	49.7	39.6
7-Dec-08	01:53:00	40.3	41.5	39.1
7-Dec-08	01:58:00	43.4	46.5	39.6
7-Dec-08	02:03:00	41.0	41.8	39.7
7-Dec-08	02:08:00	43.0	45.2	40.3
7-Dec-08	02:13:00	41.9	42.6	40.1
7-Dec-08	02:18:00	44.6	48.3	40.3
7-Dec-08	02:23:00	49.3	52.6	40.0
7-Dec-08	02:28:00	39.8	40.7	38.4
7-Dec-08	02:33:00	39.7	40.7	38.6
7-Dec-08	02:38:00	40.6	41.4	39.2
7-Dec-08	02:43:00	41.3	41.9	39.2
7-Dec-08	02:48:00	42.1	42.9	39.3
7-Dec-08	02:53:00	42.5	44.1	40.0
7-Dec-08	02:58:00	40.1	41.3	39.0
7-Dec-08	03:03:00	40.2	40.9	39.2
7-Dec-08	03:08:00	50.1	47.4	39.2
7-Dec-08	03:13:00	40.2	40.9	39.0
7-Dec-08	03:18:00	41.9	43.8	39.2
7-Dec-08	03:23:00	40.6	41.9	39.3
7-Dec-08	03:28:00	40.2	41.4	39.0
7-Dec-08	03:33:00	39.8	40.8	39.0
7-Dec-08	03:38:00	40.3	41.3	39.2
7-Dec-08	03:43:00	39.7	40.7	38.7
7-Dec-08	03:48:00	39.9	40.6	38.3
7-Dec-08	03:53:00	40.1	40.9	39.1
7-Dec-08	03:58:00	40.5	41.3	39.0
7-Dec-08	04:03:00	39.4	40.4	38.2
7-Dec-08	04:08:00	40.7	41.4	38.4
7-Dec-08	04:13:00	40.3	40.8	38.3

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
7-Dec-08	04:18:00	45.0	41.9	39.0
7-Dec-08	04:23:00	45.5	43.5	39.1
7-Dec-08	04:28:00	39.9	40.8	38.5
7-Dec-08	04:33:00	39.4	40.4	38.3
7-Dec-08	04:38:00	39.4	40.5	38.2
7-Dec-08	04:43:00	38.8	39.8	38.0
7-Dec-08	04:48:00	49.4	48.5	39.2
7-Dec-08	04:53:00	41.5	43.9	39.0
7-Dec-08	04:58:00	39.4	40.2	38.3
7-Dec-08	05:03:00	42.4	43.5	40.3
7-Dec-08	05:08:00	40.3	41.6	39.1
7-Dec-08	05:13:00	42.1	42.9	39.6
7-Dec-08	05:18:00	41.7	43.7	39.6
7-Dec-08	05:23:00	41.5	42.7	38.7
7-Dec-08	05:28:00	42.6	41.7	38.5
7-Dec-08	05:33:00	40.1	40.9	38.6
7-Dec-08	05:38:00	41.8	41.9	38.8
7-Dec-08	05:43:00	42.5	43.3	39.9
7-Dec-08	05:48:00	42.4	43.0	39.1
7-Dec-08	05:53:00	39.7	40.8	38.4
7-Dec-08	05:58:00	39.6	40.7	38.3
7-Dec-08	06:03:00	43.8	42.6	39.2
7-Dec-08	06:08:00	47.9	43.9	39.3
7-Dec-08	06:13:00	45.5	46.3	39.8
7-Dec-08	06:18:00	51.8	47.9	40.5
7-Dec-08	06:23:00	49.2	44.3	40.7
7-Dec-08	06:28:00	47.5	45.8	40.3
7-Dec-08	06:33:00	41.5	42.6	40.1
7-Dec-08	06:38:00	43.8	45.1	40.9
7-Dec-08	06:43:00	53.9	56.6	41.0
7-Dec-08	06:48:00	47.6	47.5	41.8
7-Dec-08	06:53:00	48.5	45.7	41.3
7-Dec-08	06:58:00	43.4	44.8	41.1
7-Dec-08	23:03:00	54.2	55.4	41.4
7-Dec-08	23:08:00	43.7	44.6	41.3
7-Dec-08	23:13:00	45.8	47.1	41.6
7-Dec-08	23:18:00	46.8	47.4	41.2
7-Dec-08	23:23:00	49.8	52.2	41.2
7-Dec-08	23:28:00	51.0	51.3	41.0
7-Dec-08	23:33:00	42.5	44.0	40.5
7-Dec-08	23:38:00	42.1	43.2	40.3
7-Dec-08	23:43:00	42.8	43.8	41.2
7-Dec-08	23:48:00	43.5	44.7	41.4
7-Dec-08	23:53:00	55.3	58.3	42.2
7-Dec-08	23:58:00	43.6	45.0	41.2
	Mean	45.5	46.7	40.0
	Maximum	55.3	58.3	42.2
	Minimum	38.8	39.8	38.0



## Appendix B4

### Night Time Noise Level at Block D of Villa Monte Rosa (NC5)

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
8-Dec-08	00:03:00	42.0	43.4	40.2
8-Dec-08	00:08:00	51.3	45.0	40.9
8-Dec-08	00:13:00	49.5	43.2	40.5
8-Dec-08	00:18:00	51.9	49.8	42.9
8-Dec-08	00:23:00	54.1	51.9	42.4
8-Dec-08	00:28:00	43.8	44.9	41.6
8-Dec-08	00:33:00	42.0	43.3	40.5
8-Dec-08	00:38:00	42.5	43.4	40.4
8-Dec-08	00:43:00	45.3	48.5	40.3
8-Dec-08	00:48:00	41.3	42.3	40.2
8-Dec-08	00:53:00	42.8	43.9	40.3
8-Dec-08	00:58:00	47.3	51.2	41.1
8-Dec-08	01:03:00	41.7	42.6	40.2
8-Dec-08	01:08:00	51.6	49.8	40.6
8-Dec-08	01:13:00	42.7	43.3	41.0
8-Dec-08	01:18:00	41.3	42.3	40.1
8-Dec-08	01:23:00	43.2	45.3	40.8
8-Dec-08	01:28:00	44.5	46.8	41.1
8-Dec-08	01:33:00	41.3	42.3	40.0
8-Dec-08	01:38:00	41.0	41.5	39.0
8-Dec-08	01:43:00	39.5	40.5	38.4
8-Dec-08	01:48:00	40.1	41.2	39.0
8-Dec-08	01:53:00	40.2	41.5	39.0
8-Dec-08	01:58:00	41.4	41.9	40.2
8-Dec-08	02:03:00	41.5	43.0	39.8
8-Dec-08	02:08:00	41.2	41.7	39.2
8-Dec-08	02:13:00	40.5	41.5	39.3
8-Dec-08	02:18:00	41.3	42.9	39.4
8-Dec-08	02:23:00	41.6	42.5	39.3
8-Dec-08	02:28:00	42.9	45.8	39.1
8-Dec-08	02:33:00	40.7	41.6	38.6
8-Dec-08	02:38:00	39.5	40.6	38.4
8-Dec-08	02:43:00	39.5	40.4	38.4
8-Dec-08	02:48:00	39.8	41.0	38.3
8-Dec-08	02:53:00	39.6	40.4	38.2
8-Dec-08	02:58:00	40.3	41.2	38.5
8-Dec-08	03:03:00	40.2	41.5	38.9
8-Dec-08	03:08:00	40.1	41.6	38.3
8-Dec-08	03:13:00	39.7	40.7	38.6
8-Dec-08	03:18:00	55.0	45.9	39.0
8-Dec-08	03:23:00	46.5	46.8	38.1
8-Dec-08	03:28:00	39.6	40.7	38.4
8-Dec-08	03:33:00	39.1	39.9	38.1
8-Dec-08	03:38:00	38.9	39.8	38.1
8-Dec-08	03:43:00	39.8	40.1	38.0
8-Dec-08	03:48:00	38.8	39.9	37.6
8-Dec-08	03:53:00	38.9	39.6	37.8
8-Dec-08	03:58:00	38.7	39.6	38.0
8-Dec-08	04:03:00	39.9	41.5	38.2
8-Dec-08	04:08:00	45.4	41.1	38.3
8-Dec-08	04:13:00	51.0	44.9	38.5

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
8-Dec-08	04:18:00	39.2	39.9	38.2
8-Dec-08	04:23:00	40.1	42.3	38.3
8-Dec-08	04:28:00	40.2	41.5	39.0
8-Dec-08	04:33:00	39.8	40.8	39.0
8-Dec-08	04:38:00	40.9	41.9	39.8
8-Dec-08	04:43:00	40.4	41.3	39.3
8-Dec-08	04:48:00	40.0	40.9	39.0
8-Dec-08	04:53:00	50.9	48.5	38.4
8-Dec-08	04:58:00	39.7	40.7	38.5
8-Dec-08	05:03:00	40.4	42.4	38.3
8-Dec-08	05:08:00	45.6	40.7	38.2
8-Dec-08	05:13:00	38.8	39.8	38.0
8-Dec-08	05:18:00	38.6	39.6	37.9
8-Dec-08	05:23:00	39.5	40.3	38.2
8-Dec-08	05:28:00	40.0	42.0	38.1
8-Dec-08	05:33:00	39.1	39.9	38.1
8-Dec-08	05:38:00	41.2	43.8	38.4
8-Dec-08	05:43:00	42.2	40.5	38.2
8-Dec-08	05:48:00	39.2	39.9	38.2
8-Dec-08	05:53:00	40.0	40.9	39.1
8-Dec-08	05:58:00	49.3	55.4	39.5
8-Dec-08	06:03:00	40.7	41.9	39.2
8-Dec-08	06:08:00	42.4	42.9	39.6
8-Dec-08	06:13:00	45.5	44.7	39.8
8-Dec-08	06:18:00	42.1	42.9	40.3
8-Dec-08	06:23:00	41.8	42.9	40.9
8-Dec-08	06:28:00	42.2	43.5	40.2
8-Dec-08	06:33:00	53.1	50.0	40.2
8-Dec-08	06:38:00	45.7	47.5	41.1
8-Dec-08	06:43:00	44.7	46.3	41.1
8-Dec-08	06:48:00	44.6	46.4	42.0
8-Dec-08	06:53:00	50.8	50.3	42.2
8-Dec-08	06:58:00	49.0	51.2	42.4
8-Dec-08	23:03:00	51.6	55.7	43.7
8-Dec-08	23:08:00	50.3	51.6	44.9
8-Dec-08	23:13:00	47.7	49.2	44.7
8-Dec-08	23:18:00	47.0	48.9	44.5
8-Dec-08	23:23:00	50.9	52.4	44.5
8-Dec-08	23:28:00	47.1	48.3	44.3
8-Dec-08	23:33:00	46.6	48.2	44.4
8-Dec-08	23:38:00	45.9	47.6	44.0
8-Dec-08	23:43:00	45.8	47.3	44.0
8-Dec-08	23:48:00	48.9	49.6	43.7
8-Dec-08	23:53:00	47.8	49.4	43.7
8-Dec-08	23:58:00	44.0	45.1	42.6
	Mean	45.9	46.2	40.5
	Maximum	55.0	55.7	44.9
	Minimum	38.6	39.6	37.6

Summary of Night Time Noise Level at Block D of Villa Monte Rosa (NC5)			
	Leq	L10	L90
Mean	55.8	58.7	43.7
Max	78.7	83.4	58.5
Min	38.6	39.6	37.6

## Appendix B4

### Night Time Noise Level at Rosaryhill School (NC6)

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
10-Dec-08	00:03:00	46.7	47.9	45.4
10-Dec-08	00:08:00	46.9	47.9	45.6
10-Dec-08	00:13:00	46.8	47.8	45.6
10-Dec-08	00:18:00	47.0	48.0	45.7
10-Dec-08	00:23:00	47.0	48.0	45.8
10-Dec-08	00:28:00	46.6	47.6	45.4
10-Dec-08	00:33:00	46.7	47.8	45.5
10-Dec-08	00:38:00	46.8	47.9	45.5
10-Dec-08	00:43:00	47.0	48.2	45.6
10-Dec-08	00:48:00	46.3	47.0	45.3
10-Dec-08	00:53:00	46.2	47.0	45.2
10-Dec-08	00:58:00	46.4	47.4	45.3
10-Dec-08	01:03:00	46.9	48.1	45.5
10-Dec-08	01:08:00	46.2	47.0	45.2
10-Dec-08	01:13:00	46.5	47.6	45.3
10-Dec-08	01:18:00	47.2	48.5	45.7
10-Dec-08	01:23:00	47.8	48.7	46.8
10-Dec-08	01:28:00	46.9	48.0	45.4
10-Dec-08	01:33:00	46.5	47.6	45.3
10-Dec-08	01:38:00	46.6	47.7	45.4
10-Dec-08	01:43:00	46.3	47.3	45.2
10-Dec-08	01:48:00	46.3	47.1	45.3
10-Dec-08	01:53:00	46.7	47.8	45.4
10-Dec-08	01:58:00	46.5	47.5	45.3
10-Dec-08	02:03:00	46.2	47.0	45.2
10-Dec-08	02:08:00	46.6	47.8	45.3
10-Dec-08	02:13:00	46.2	47.0	45.2
10-Dec-08	02:18:00	46.4	47.4	45.3
10-Dec-08	02:23:00	46.1	47.0	45.2
10-Dec-08	02:28:00	46.0	46.9	45.1
10-Dec-08	02:33:00	46.2	47.0	45.2
10-Dec-08	02:38:00	46.1	47.0	45.1
10-Dec-08	02:43:00	46.0	46.9	45.1
10-Dec-08	02:48:00	45.8	46.8	45.1
10-Dec-08	02:53:00	46.1	47.0	45.1
10-Dec-08	02:58:00	46.1	46.9	45.1
10-Dec-08	03:03:00	46.2	47.0	45.1
10-Dec-08	03:08:00	48.6	51.4	45.3
10-Dec-08	03:13:00	50.5	51.8	45.3
10-Dec-08	03:18:00	46.1	47.0	45.2
10-Dec-08	03:23:00	46.2	47.0	45.3
10-Dec-08	03:28:00	46.3	47.1	45.3
10-Dec-08	03:33:00	46.5	47.6	45.3
10-Dec-08	03:38:00	46.3	47.4	45.2
10-Dec-08	03:43:00	46.3	47.2	45.2
10-Dec-08	03:48:00	46.5	47.6	45.3
10-Dec-08	03:53:00	46.9	48.4	45.2
10-Dec-08	03:58:00	46.2	47.2	45.1
10-Dec-08	04:03:00	46.1	47.0	45.1
10-Dec-08	04:08:00	46.0	46.9	45.1
10-Dec-08	04:13:00	46.4	47.6	45.1

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
10-Dec-08	04:18:00	46.5	47.6	45.2
10-Dec-08	04:23:00	46.4	47.5	45.2
10-Dec-08	04:28:00	46.6	47.8	45.2
10-Dec-08	04:33:00	46.3	47.4	45.1
10-Dec-08	04:38:00	46.8	48.3	45.3
10-Dec-08	04:43:00	46.3	47.6	45.1
10-Dec-08	04:48:00	46.3	47.5	45.2
10-Dec-08	04:53:00	46.1	47.0	45.1
10-Dec-08	04:58:00	46.0	46.9	45.1
10-Dec-08	05:03:00	46.0	47.0	45.1
10-Dec-08	05:08:00	47.0	47.9	45.4
10-Dec-08	05:13:00	49.7	50.9	45.6
10-Dec-08	05:18:00	46.5	47.6	45.3
10-Dec-08	05:23:00	50.3	52.4	45.4
10-Dec-08	05:28:00	49.6	48.3	45.7
10-Dec-08	05:33:00	46.9	47.9	45.6
10-Dec-08	05:38:00	47.2	48.2	45.8
10-Dec-08	05:43:00	46.9	47.9	45.7
10-Dec-08	05:48:00	46.6	47.6	45.3
10-Dec-08	05:53:00	52.2	54.7	45.8
10-Dec-08	05:58:00	46.2	47.2	45.1
10-Dec-08	06:03:00	47.6	49.1	45.4
10-Dec-08	06:08:00	49.9	51.9	46.3
10-Dec-08	06:13:00	49.8	52.0	45.5
10-Dec-08	06:18:00	49.2	49.2	45.9
10-Dec-08	06:23:00	58.0	58.5	46.4
10-Dec-08	06:28:00	48.5	48.9	45.4
10-Dec-08	06:33:00	52.9	55.6	46.1
10-Dec-08	06:38:00	64.2	67.4	53.0
10-Dec-08	06:43:00	57.9	60.3	51.5
10-Dec-08	06:48:00	63.2	67.1	50.2
10-Dec-08	06:53:00	47.3	48.4	46.1
10-Dec-08	06:58:00	53.5	54.1	47.1
26-Nov-08	23:03:00	47.9	48.6	46.9
26-Nov-08	23:08:00	47.6	48.5	46.1
26-Nov-08	23:13:00	46.8	47.6	45.9
26-Nov-08	23:18:00	47.0	47.9	45.9
26-Nov-08	23:23:00	46.9	47.7	45.9
26-Nov-08	23:28:00	46.8	47.6	45.8
26-Nov-08	23:33:00	46.9	47.7	45.9
26-Nov-08	23:38:00	46.9	47.7	45.9
26-Nov-08	23:43:00	46.8	47.7	45.9
26-Nov-08	23:48:00	47.3	48.2	45.9
26-Nov-08	23:53:00	46.7	47.6	45.8
26-Nov-08	23:58:00	47.0	47.7	45.8
	Mean	50.6	53.0	45.9
	Maximum	64.2	67.4	53.0
	Minimum	45.8	46.8	45.1

## Appendix B4

### Night Time Noise Level at Rosaryhill School (NC6)

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
27-Nov-08	00:03:00	46.8	47.7	45.8
27-Nov-08	00:08:00	48.0	49.5	46.0
27-Nov-08	00:13:00	47.0	47.7	45.9
27-Nov-08	00:18:00	47.4	48.3	46.0
27-Nov-08	00:23:00	47.2	48.2	46.1
27-Nov-08	00:28:00	47.8	48.9	46.5
27-Nov-08	00:33:00	47.8	49.0	46.4
27-Nov-08	00:38:00	48.4	49.4	47.1
27-Nov-08	00:43:00	47.6	48.6	46.8
27-Nov-08	00:48:00	47.7	48.6	46.8
27-Nov-08	00:53:00	48.5	49.7	46.8
27-Nov-08	00:58:00	47.5	48.4	46.7
27-Nov-08	01:03:00	48.1	48.6	46.5
27-Nov-08	01:08:00	47.9	49.0	46.4
27-Nov-08	01:13:00	47.8	48.7	46.9
27-Nov-08	01:18:00	47.9	48.7	46.9
27-Nov-08	01:23:00	48.8	50.1	47.1
27-Nov-08	01:28:00	47.6	48.5	46.8
27-Nov-08	01:33:00	47.5	48.5	46.7
27-Nov-08	01:38:00	48.1	49.0	46.9
27-Nov-08	01:43:00	48.0	48.9	46.9
27-Nov-08	01:48:00	47.6	48.6	46.8
27-Nov-08	01:53:00	47.4	48.4	46.4
27-Nov-08	01:58:00	48.2	49.1	46.9
27-Nov-08	02:03:00	48.2	49.2	46.9
27-Nov-08	02:08:00	48.0	48.8	46.9
27-Nov-08	02:13:00	49.0	49.7	47.2
27-Nov-08	02:18:00	50.3	52.1	47.8
27-Nov-08	02:23:00	49.7	51.5	47.0
27-Nov-08	02:28:00	48.4	49.6	47.1
27-Nov-08	02:33:00	48.4	49.4	47.5
27-Nov-08	02:38:00	49.0	50.3	47.6
27-Nov-08	02:43:00	49.2	50.5	47.7
27-Nov-08	02:48:00	48.6	49.6	47.1
27-Nov-08	02:53:00	50.0	52.1	47.6
27-Nov-08	02:58:00	51.0	52.9	47.8
27-Nov-08	03:03:00	52.9	55.2	48.6
27-Nov-08	03:08:00	49.9	51.5	47.1
27-Nov-08	03:13:00	52.4	54.7	49.0
27-Nov-08	03:18:00	51.1	53.3	48.2
27-Nov-08	03:23:00	55.6	57.8	48.0
27-Nov-08	03:28:00	50.7	52.7	48.0
27-Nov-08	03:33:00	49.4	51.0	47.3
27-Nov-08	03:38:00	50.1	51.8	47.4
27-Nov-08	03:43:00	52.8	55.6	46.8
27-Nov-08	03:48:00	50.2	51.6	47.3
27-Nov-08	03:53:00	49.3	50.5	47.8
27-Nov-08	03:58:00	48.9	50.5	47.1
27-Nov-08	04:03:00	48.6	49.8	47.0
27-Nov-08	04:08:00	49.0	50.2	46.9
27-Nov-08	04:13:00	49.8	50.6	47.8

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
27-Nov-08	04:18:00	48.7	49.7	47.2
27-Nov-08	04:23:00	49.8	51.3	47.0
27-Nov-08	04:28:00	49.6	50.9	47.8
27-Nov-08	04:33:00	48.6	49.8	47.1
27-Nov-08	04:38:00	47.8	48.8	46.8
27-Nov-08	04:43:00	54.9	59.2	47.1
27-Nov-08	04:48:00	50.8	53.1	47.8
27-Nov-08	04:53:00	51.0	52.5	48.9
27-Nov-08	04:58:00	49.5	50.7	47.8
27-Nov-08	05:03:00	49.8	50.9	47.8
27-Nov-08	05:08:00	50.8	52.6	48.3
27-Nov-08	05:13:00	50.5	51.8	47.9
27-Nov-08	05:18:00	52.1	54.1	49.0
27-Nov-08	05:23:00	50.5	52.3	48.5
27-Nov-08	05:28:00	50.7	51.4	48.0
27-Nov-08	05:33:00	54.2	54.7	49.6
27-Nov-08	05:38:00	56.2	57.7	48.6
27-Nov-08	05:43:00	52.5	54.4	49.4
27-Nov-08	05:48:00	52.3	54.9	49.1
27-Nov-08	05:53:00	53.3	55.3	49.8
27-Nov-08	05:58:00	51.4	53.8	48.9
27-Nov-08	06:03:00	49.8	50.7	48.8
27-Nov-08	06:08:00	53.4	56.7	49.4
27-Nov-08	06:13:00	53.1	55.0	49.8
27-Nov-08	06:18:00	52.4	53.6	50.1
27-Nov-08	06:23:00	53.8	55.3	50.3
27-Nov-08	06:28:00	53.6	55.0	50.0
27-Nov-08	06:33:00	54.8	55.8	50.2
27-Nov-08	06:38:00	55.7	57.6	51.1
27-Nov-08	06:43:00	54.5	56.6	51.1
27-Nov-08	06:48:00	54.1	56.3	50.4
27-Nov-08	06:53:00	58.8	62.0	51.9
27-Nov-08	06:58:00	62.4	64.7	54.0
27-Nov-08	23:03:00	52.5	53.2	49.1
27-Nov-08	23:08:00	52.3	54.3	48.6
27-Nov-08	23:13:00	50.0	51.9	47.1
27-Nov-08	23:18:00	49.7	50.7	47.9
27-Nov-08	23:23:00	48.1	49.3	46.9
27-Nov-08	23:28:00	52.6	51.1	47.0
27-Nov-08	23:33:00	48.4	49.5	47.1
27-Nov-08	23:38:00	47.5	48.5	46.0
27-Nov-08	23:43:00	47.5	48.7	46.0
27-Nov-08	23:48:00	47.5	48.7	46.1
27-Nov-08	23:53:00	48.9	50.4	46.8
27-Nov-08	23:58:00	47.9	49.1	46.8
	Mean	51.5	53.4	48.0
	Maximum	62.4	64.7	54.0
	Minimum	46.8	47.7	45.8

## Appendix B4

### Night Time Noise Level at Rosaryhill School (NC6)

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
28-Nov-08	00:03:00	47.6	48.6	46.5
28-Nov-08	00:08:00	46.7	47.6	45.8
28-Nov-08	00:13:00	47.5	48.5	45.9
28-Nov-08	00:18:00	48.0	49.3	46.2
28-Nov-08	00:23:00	47.9	48.7	46.5
28-Nov-08	00:28:00	46.8	47.7	45.8
28-Nov-08	00:33:00	46.8	47.6	45.5
28-Nov-08	00:38:00	46.4	47.4	45.2
28-Nov-08	00:43:00	46.3	47.3	45.1
28-Nov-08	00:48:00	47.0	48.1	45.8
28-Nov-08	00:53:00	46.5	47.5	45.3
28-Nov-08	00:58:00	46.7	47.7	45.2
28-Nov-08	01:03:00	46.7	47.7	45.5
28-Nov-08	01:08:00	46.6	47.6	45.3
28-Nov-08	01:13:00	48.8	50.8	45.9
28-Nov-08	01:18:00	47.8	49.0	46.1
28-Nov-08	01:23:00	47.8	49.0	45.9
28-Nov-08	01:28:00	47.2	48.5	45.8
28-Nov-08	01:33:00	47.1	48.5	45.8
28-Nov-08	01:38:00	47.3	48.2	45.3
28-Nov-08	01:43:00	46.6	47.6	45.4
28-Nov-08	01:48:00	47.0	48.3	45.8
28-Nov-08	01:53:00	46.2	47.3	45.0
28-Nov-08	01:58:00	47.0	48.4	45.1
28-Nov-08	02:03:00	47.7	48.8	46.0
28-Nov-08	02:08:00	46.8	47.7	45.3
28-Nov-08	02:13:00	46.9	48.2	45.5
28-Nov-08	02:18:00	47.0	48.2	45.5
28-Nov-08	02:23:00	47.3	48.6	45.8
28-Nov-08	02:28:00	48.0	49.3	46.0
28-Nov-08	02:33:00	47.6	48.8	46.1
28-Nov-08	02:38:00	47.6	48.9	45.8
28-Nov-08	02:43:00	47.2	48.5	45.9
28-Nov-08	02:48:00	47.7	49.1	46.2
28-Nov-08	02:53:00	47.4	48.6	46.1
28-Nov-08	02:58:00	46.6	47.8	45.1
28-Nov-08	03:03:00	47.4	48.6	45.6
28-Nov-08	03:08:00	46.6	47.6	45.4
28-Nov-08	03:13:00	48.0	49.3	45.9
28-Nov-08	03:18:00	50.8	51.8	46.7
28-Nov-08	03:23:00	48.7	50.4	46.6
28-Nov-08	03:28:00	48.0	49.7	46.1
28-Nov-08	03:33:00	47.3	48.5	46.0
28-Nov-08	03:38:00	46.9	48.0	45.7
28-Nov-08	03:43:00	46.4	47.6	45.1
28-Nov-08	03:48:00	49.5	53.1	45.3
28-Nov-08	03:53:00	46.5	47.5	45.3
28-Nov-08	03:58:00	46.4	47.5	45.0
28-Nov-08	04:03:00	46.6	47.7	45.2
28-Nov-08	04:08:00	46.1	47.0	45.0
28-Nov-08	04:13:00	45.7	46.6	44.9

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
28-Nov-08	04:18:00	47.7	49.5	45.8
28-Nov-08	04:23:00	46.9	47.9	45.2
28-Nov-08	04:28:00	46.5	47.6	45.2
28-Nov-08	04:33:00	46.6	48.1	44.9
28-Nov-08	04:38:00	45.5	46.5	44.5
28-Nov-08	04:43:00	46.0	47.2	44.9
28-Nov-08	04:48:00	46.6	47.7	45.0
28-Nov-08	04:53:00	46.4	47.5	45.0
28-Nov-08	04:58:00	46.3	47.3	45.0
28-Nov-08	05:03:00	46.8	49.7	44.9
28-Nov-08	05:08:00	50.5	52.2	44.9
28-Nov-08	05:13:00	50.9	53.5	45.0
28-Nov-08	05:18:00	46.0	47.2	44.9
28-Nov-08	05:23:00	47.9	48.4	45.0
28-Nov-08	05:28:00	48.0	47.0	44.7
28-Nov-08	05:33:00	65.8	69.6	44.9
28-Nov-08	05:38:00	45.6	46.5	44.7
28-Nov-08	05:43:00	45.7	46.7	44.8
28-Nov-08	05:48:00	45.3	46.3	44.3
28-Nov-08	05:53:00	45.8	46.7	44.8
28-Nov-08	05:58:00	46.2	47.1	45.0
28-Nov-08	06:03:00	46.1	47.1	45.0
28-Nov-08	06:08:00	46.3	47.6	44.9
28-Nov-08	06:13:00	46.3	47.2	45.0
28-Nov-08	06:18:00	47.1	48.0	45.2
28-Nov-08	06:23:00	47.3	47.9	45.4
28-Nov-08	06:28:00	48.2	48.9	45.5
28-Nov-08	06:33:00	47.7	48.7	45.8
28-Nov-08	06:38:00	55.5	57.8	45.6
28-Nov-08	06:43:00	49.6	51.0	45.4
28-Nov-08	06:48:00	48.2	49.7	46.0
28-Nov-08	06:53:00	55.0	58.4	46.9
28-Nov-08	06:58:00	61.4	60.9	49.9
28-Nov-08	23:03:00	46.4	47.4	45.3
28-Nov-08	23:08:00	46.5	47.3	45.6
28-Nov-08	23:13:00	47.1	48.1	45.9
28-Nov-08	23:18:00	46.1	46.7	45.1
28-Nov-08	23:23:00	52.1	49.1	45.1
28-Nov-08	23:28:00	47.1	47.3	45.1
28-Nov-08	23:33:00	45.9	46.6	45.0
28-Nov-08	23:38:00	45.9	46.6	45.0
28-Nov-08	23:43:00	46.7	47.4	45.1
28-Nov-08	23:48:00	46.3	47.3	45.0
28-Nov-08	23:53:00	46.1	46.7	44.9
28-Nov-08	23:58:00	46.8	46.7	44.9
	Mean	50.5	52.8	45.5
	Maximum	65.8	69.6	49.9
	Minimum	45.3	46.3	44.3

**Appendix B4**

**Night Time Noise Level at Rosaryhill School (NC6)**

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
29-Nov-08	00:03:00	45.7	46.6	44.9
29-Nov-08	00:08:00	45.9	46.7	44.9
29-Nov-08	00:13:00	45.7	46.6	44.9
29-Nov-08	00:18:00	45.6	46.5	44.9
29-Nov-08	00:23:00	45.9	46.7	44.9
29-Nov-08	00:28:00	45.7	46.6	44.9
29-Nov-08	00:33:00	45.5	46.5	44.8
29-Nov-08	00:38:00	45.7	46.6	44.9
29-Nov-08	00:43:00	45.6	46.5	44.8
29-Nov-08	00:48:00	45.4	46.3	44.6
29-Nov-08	00:53:00	45.6	46.5	44.8
29-Nov-08	00:58:00	45.4	46.3	44.8
29-Nov-08	01:03:00	45.5	46.4	44.8
29-Nov-08	01:08:00	46.3	47.5	45.0
29-Nov-08	01:13:00	46.9	47.6	46.0
29-Nov-08	01:18:00	46.0	47.3	44.8
29-Nov-08	01:23:00	45.3	46.2	44.4
29-Nov-08	01:28:00	45.1	45.7	44.2
29-Nov-08	01:33:00	45.0	45.7	44.1
Noise Level at F	01:38:00	45.1	45.7	44.1
29-Nov-08	01:43:00	45.4	46.4	44.3
29-Nov-08	01:48:00	45.5	46.6	44.6
29-Nov-08	01:53:00	45.3	46.2	44.5
29-Nov-08	01:58:00	45.8	46.7	44.8
29-Nov-08	02:03:00	45.7	46.4	44.8
29-Nov-08	02:08:00	45.7	46.6	44.9
29-Nov-08	02:13:00	45.6	46.5	44.9
29-Nov-08	02:18:00	45.6	46.5	44.9
29-Nov-08	02:23:00	45.6	46.5	44.8
29-Nov-08	02:28:00	45.8	46.6	44.8
29-Nov-08	02:33:00	45.5	46.5	44.8
29-Nov-08	02:38:00	45.4	46.3	44.6
29-Nov-08	02:43:00	45.8	47.0	44.7
29-Nov-08	02:48:00	45.5	46.4	44.8
29-Nov-08	02:53:00	45.8	47.0	44.8
29-Nov-08	02:58:00	45.4	46.3	44.5
29-Nov-08	03:03:00	45.4	46.4	44.5
29-Nov-08	03:08:00	45.5	46.5	44.8
29-Nov-08	03:13:00	45.6	46.6	44.5
29-Nov-08	03:18:00	45.4	46.3	44.5
29-Nov-08	03:23:00	45.3	46.1	44.4
29-Nov-08	03:28:00	45.2		44.3
29-Nov-08	03:33:00	45.3	46.2	44.5
29-Nov-08	03:38:00	45.3	46.1	44.3
29-Nov-08	03:43:00	45.2	46.0	44.2
29-Nov-08	03:48:00	45.5	46.5	44.3
29-Nov-08	03:53:00	45.3	46.3	44.3
29-Nov-08	03:58:00	45.1	45.7	44.1
29-Nov-08	04:03:00	45.1	45.7	44.1
29-Nov-08	04:08:00	45.1	45.7	44.1
29-Nov-08	04:13:00	45.1	45.7	44.2

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
29-Nov-08	04:18:00	45.0	45.7	44.1
29-Nov-08	04:23:00	45.1	45.7	44.1
29-Nov-08	04:28:00	45.7	46.5	44.9
29-Nov-08	04:33:00	45.6	46.5	44.9
29-Nov-08	04:38:00	45.6	46.5	44.9
29-Nov-08	04:43:00	45.9	46.7	44.9
29-Nov-08	04:48:00	46.0	47.3	44.9
29-Nov-08	04:53:00	45.5	46.3	44.8
29-Nov-08	04:58:00	45.5	46.4	44.8
29-Nov-08	05:03:00	45.7	46.5	44.9
29-Nov-08	05:08:00	45.7	46.5	44.9
29-Nov-08	05:13:00	45.8	46.6	44.9
29-Nov-08	05:18:00	46.0	46.7	44.9
29-Nov-08	05:23:00	45.9	46.7	44.9
29-Nov-08	05:28:00	45.6	46.4	44.9
29-Nov-08	05:33:00	45.7	46.5	44.9
29-Nov-08	05:38:00	45.6	46.4	44.9
29-Nov-08	05:43:00	45.5	46.4	44.8
29-Nov-08	05:48:00	45.9	46.6	44.9
29-Nov-08	05:53:00	46.9	46.7	45.0
29-Nov-08	05:58:00	45.9	46.6	45.0
29-Nov-08	06:03:00	47.2	48.8	45.3
29-Nov-08	06:08:00	46.7	47.6	45.3
29-Nov-08	06:13:00	46.6	47.6	45.1
29-Nov-08	06:18:00	46.1	46.7	45.1
29-Nov-08	06:23:00	46.3	47.1	45.2
29-Nov-08	06:28:00	46.4	47.2	45.4
29-Nov-08	06:33:00	46.5	47.3	45.4
29-Nov-08	06:38:00	46.8	47.7	45.4
29-Nov-08	06:43:00	48.8	50.0	45.9
29-Nov-08	06:48:00	47.0	47.8	45.8
29-Nov-08	06:53:00	48.0	49.7	46.0
29-Nov-08	06:58:00	48.3	49.5	46.0
29-Nov-08	23:03:00	46.8	47.9	45.3
29-Nov-08	23:08:00	46.3	47.1	45.2
29-Nov-08	23:13:00	46.4	47.4	45.3
29-Nov-08	23:18:00	46.2	46.8	45.2
29-Nov-08	23:23:00	46.4	47.3	45.3
29-Nov-08	23:28:00	46.8	48.0	45.5
29-Nov-08	23:33:00	46.3	47.4	45.2
29-Nov-08	23:38:00	46.6	47.6	45.4
29-Nov-08	23:43:00	46.4	47.5	45.3
29-Nov-08	23:48:00	46.3	47.3	45.2
29-Nov-08	23:53:00	46.2	47.2	45.0
29-Nov-08	23:58:00	47.4	48.8	45.2
	Mean	45.9	46.8	44.9
	Maximum	48.8	50.0	46.0
	Minimum	45.0	45.7	44.1

## Appendix B4

### Night Time Noise Level at Rosaryhill School (NC6)

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
30-Nov-08	00:03:00	46.3	47.4	45.1
30-Nov-08	00:08:00	46.2	47.1	45.1
30-Nov-08	00:13:00	46.2	47.2	45.0
30-Nov-08	00:18:00	46.0	46.9	45.0
30-Nov-08	00:23:00	46.0	46.8	45.0
30-Nov-08	00:28:00	46.1	46.8	44.8
30-Nov-08	00:33:00	45.9	46.7	44.9
30-Nov-08	00:38:00	46.2	47.3	45.0
30-Nov-08	00:43:00	46.4	47.6	45.0
30-Nov-08	00:48:00	46.3	47.3	45.2
30-Nov-08	00:53:00	48.4	50.9	45.1
30-Nov-08	00:58:00	46.2	47.2	45.1
30-Nov-08	01:03:00	47.1	48.1	46.0
30-Nov-08	01:08:00	47.2	48.1	46.1
30-Nov-08	01:13:00	46.1	47.2	45.0
30-Nov-08	01:18:00	48.6	51.0	45.1
30-Nov-08	01:23:00	45.9	46.7	44.9
30-Nov-08	01:28:00	45.8	46.7	44.9
30-Nov-08	01:33:00	45.8	46.6	44.9
30-Nov-08	01:38:00	45.6	46.5	44.9
30-Nov-08	01:43:00	45.7	46.6	44.8
30-Nov-08	01:48:00	46.0	46.8	45.0
30-Nov-08	01:53:00	45.7	46.6	44.9
30-Nov-08	01:58:00	45.5	46.4	44.8
30-Nov-08	02:03:00	45.4	46.4	44.6
30-Nov-08	02:08:00	45.4	46.4	44.8
30-Nov-08	02:13:00	52.6	57.8	45.1
30-Nov-08	02:18:00	46.7	48.2	45.0
30-Nov-08	02:23:00	45.6	46.5	44.8
30-Nov-08	02:28:00	45.6	46.5	44.8
30-Nov-08	02:33:00	45.4	46.3	44.8
30-Nov-08	02:38:00	45.6	46.6	44.8
30-Nov-08	02:43:00	45.4	46.3	44.5
30-Nov-08	02:48:00	45.3	46.1	44.4
30-Nov-08	02:53:00	45.5	46.1	44.5
30-Nov-08	02:58:00	45.3	45.9	44.5
30-Nov-08	03:03:00	49.2	51.9	44.7
30-Nov-08	03:08:00	45.3	46.1	44.7
30-Nov-08	03:13:00	45.6	46.5	44.8
30-Nov-08	03:18:00	45.8	46.8	44.8
30-Nov-08	03:23:00	45.4	46.3	44.8
30-Nov-08	03:28:00	45.6	46.5	44.8
30-Nov-08	03:33:00	45.6	46.5	44.8
30-Nov-08	03:38:00	45.5	46.4	44.8
30-Nov-08	03:43:00	45.4	46.2	44.8
30-Nov-08	03:48:00	45.7	46.8	44.8
30-Nov-08	03:53:00	45.7	46.7	44.7
30-Nov-08	03:58:00	45.4	46.3	44.8
30-Nov-08	04:03:00	45.7	46.6	44.9
30-Nov-08	04:08:00	45.8	46.7	44.8
30-Nov-08	04:13:00	45.5	46.4	44.8

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
30-Nov-08	04:18:00	45.7	46.6	44.9
30-Nov-08	04:23:00	45.6	46.6	44.8
30-Nov-08	04:28:00	45.4	46.4	44.7
30-Nov-08	04:33:00	45.6	46.6	44.8
30-Nov-08	04:38:00	45.6	46.5	44.8
30-Nov-08	04:43:00	45.7	46.5	44.8
30-Nov-08	04:48:00	46.0	46.8	44.8
30-Nov-08	04:53:00	45.5	46.4	44.8
30-Nov-08	04:58:00	45.5	46.4	44.8
30-Nov-08	05:03:00	45.6	46.5	44.8
30-Nov-08	05:08:00	45.8	46.6	44.9
30-Nov-08	05:13:00	45.6	46.5	44.8
30-Nov-08	05:18:00	46.3	47.5	45.0
30-Nov-08	05:23:00	46.5	47.4	45.0
30-Nov-08	05:28:00	46.1	46.8	45.0
30-Nov-08	05:33:00	46.0	46.7	45.0
30-Nov-08	05:38:00	46.2	47.2	45.2
30-Nov-08	05:43:00	46.0	46.7	45.0
30-Nov-08	05:48:00	46.2	47.0	45.1
30-Nov-08	05:53:00	46.4	47.4	45.3
30-Nov-08	05:58:00	47.3	49.0	45.8
30-Nov-08	06:03:00	46.9	47.7	45.6
30-Nov-08	06:08:00	47.0	47.7	45.8
30-Nov-08	06:13:00	47.9	47.7	45.8
30-Nov-08	06:18:00	46.8	47.8	45.8
30-Nov-08	06:23:00	46.6	47.5	45.8
30-Nov-08	06:28:00	47.1	47.9	45.9
30-Nov-08	06:33:00	46.8	47.6	45.9
30-Nov-08	06:38:00	66.2	69.5	46.1
30-Nov-08	06:43:00	49.3	50.3	46.3
30-Nov-08	06:48:00	55.2	53.3	46.8
30-Nov-08	06:53:00	60.2	52.3	46.9
30-Nov-08	06:58:00	48.7	49.9	47.1
30-Nov-08	23:03:00	47.8	49.5	46.0
30-Nov-08	23:08:00	46.6	47.5	45.8
30-Nov-08	23:13:00	46.8	48.0	45.8
30-Nov-08	23:18:00	46.3	47.2	45.4
30-Nov-08	23:23:00	51.4	47.8	45.4
30-Nov-08	23:28:00	47.1	47.6	45.8
30-Nov-08	23:33:00	49.9	50.9	45.8
30-Nov-08	23:38:00	46.5	47.5	45.6
30-Nov-08	23:43:00	46.6	47.5	45.7
30-Nov-08	23:48:00	51.9	48.2	45.8
30-Nov-08	23:53:00	52.8	53.8	45.9
30-Nov-08	23:58:00	51.9	49.4	45.8
	Mean	50.3	52.0	45.2
	Maximum	66.2	69.5	47.1
	Minimum	45.3	45.9	44.4

## Appendix B4

### Night Time Noise Level at Rosaryhill School (NC6)

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
1-Dec-08	00:03:00	47.0	47.6	45.8
1-Dec-08	00:08:00	46.6	47.4	45.5
1-Dec-08	00:13:00	46.3	47.1	45.2
1-Dec-08	00:18:00	46.3	47.3	45.2
1-Dec-08	00:23:00	47.3	48.1	46.3
1-Dec-08	00:28:00	48.1	48.6	46.5
1-Dec-08	00:33:00	46.3	47.5	45.1
1-Dec-08	00:38:00	45.9	46.6	45.0
1-Dec-08	00:43:00	46.3	46.6	44.9
1-Dec-08	00:48:00	45.6	46.5	44.9
1-Dec-08	00:53:00	46.4	47.6	45.0
1-Dec-08	00:58:00	45.9	46.7	45.0
1-Dec-08	01:03:00	46.0	46.7	45.0
1-Dec-08	01:08:00	45.9	46.7	44.9
1-Dec-08	01:13:00	45.8	46.6	44.9
1-Dec-08	01:18:00	46.1	46.9	45.0
1-Dec-08	01:23:00	46.0	46.7	45.0
1-Dec-08	01:28:00	46.3	47.3	45.1
1-Dec-08	01:33:00	45.9	46.7	45.0
1-Dec-08	01:38:00	46.0	46.7	45.0
1-Dec-08	01:43:00	45.9	46.7	45.0
1-Dec-08	01:48:00	45.9	46.7	44.9
1-Dec-08	01:53:00	45.7	46.6	44.8
1-Dec-08	01:58:00	46.0	47.3	44.9
1-Dec-08	02:03:00	46.1	46.7	44.8
1-Dec-08	02:08:00	45.3	46.1	44.8
1-Dec-08	02:13:00	45.4	46.3	44.8
1-Dec-08	02:18:00	45.3	46.0	44.8
1-Dec-08	02:23:00	45.3	46.1	44.5
1-Dec-08	02:28:00	45.3	46.1	44.4
1-Dec-08	02:33:00	45.3	46.3	44.4
1-Dec-08	02:38:00	45.7	46.7	44.7
1-Dec-08	02:43:00	45.4	46.3	44.6
1-Dec-08	02:48:00	45.5	46.4	44.8
1-Dec-08	02:53:00	46.3	47.4	45.0
1-Dec-08	02:58:00	45.8	46.6	44.9
1-Dec-08	03:03:00	45.7	46.5	44.9
1-Dec-08	03:08:00	45.7	46.6	44.8
1-Dec-08	03:13:00	45.4	46.4	44.5
1-Dec-08	03:18:00	45.2	45.7	44.4
1-Dec-08	03:23:00	47.5	50.8	44.4
1-Dec-08	03:28:00	45.3	46.0	44.7
1-Dec-08	03:33:00	45.3	46.1	44.5
1-Dec-08	03:38:00	45.2	45.8	44.4
1-Dec-08	03:43:00	45.4	46.4	44.8
1-Dec-08	03:48:00	45.4	46.2	44.6
1-Dec-08	03:53:00	45.3	46.1	44.7
1-Dec-08	03:58:00	45.8	47.0	44.8
1-Dec-08	04:03:00	45.4	46.2	44.8
1-Dec-08	04:08:00	45.3	46.0	44.4
1-Dec-08	04:13:00	45.4	46.3	44.5

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
1-Dec-08	04:18:00	46.3	47.4	44.8
1-Dec-08	04:23:00	45.2	45.8	44.4
1-Dec-08	04:28:00	45.4	46.2	44.6
1-Dec-08	04:33:00	45.2	45.9	44.3
1-Dec-08	04:38:00	45.2	45.9	44.2
1-Dec-08	04:43:00	45.4	46.2	44.6
1-Dec-08	04:48:00	45.3	46.1	44.6
1-Dec-08	04:53:00	45.6	46.5	44.8
1-Dec-08	04:58:00	45.6	46.5	44.8
1-Dec-08	05:03:00	46.4	46.5	44.8
1-Dec-08	05:08:00	46.5	47.3	44.8
1-Dec-08	05:13:00	51.0	52.1	44.9
1-Dec-08	05:18:00	45.7	46.5	44.7
1-Dec-08	05:23:00	45.6	46.5	44.8
1-Dec-08	05:28:00	45.8	46.6	44.8
1-Dec-08	05:33:00	45.6	46.5	44.8
1-Dec-08	05:38:00	51.2	53.6	45.0
1-Dec-08	05:43:00	48.6	52.0	45.1
1-Dec-08	05:48:00	49.9	51.7	45.2
1-Dec-08	05:53:00	45.9	46.7	44.9
1-Dec-08	05:58:00	50.0	52.2	45.2
1-Dec-08	06:03:00	50.5	50.5	45.9
1-Dec-08	06:08:00	52.9	53.9	46.7
1-Dec-08	06:13:00	49.6	52.1	46.1
1-Dec-08	06:18:00	53.8	54.7	46.5
1-Dec-08	06:23:00	60.4	64.2	51.5
1-Dec-08	06:28:00	61.2	64.0	52.3
1-Dec-08	06:33:00	63.3	64.8	47.5
1-Dec-08	06:38:00	48.5	50.4	46.1
1-Dec-08	06:43:00	53.3	55.5	48.0
1-Dec-08	06:48:00	49.6	51.3	47.8
1-Dec-08	06:53:00	51.6	53.2	47.3
1-Dec-08	06:58:00	51.8	53.6	47.5
1-Dec-08	23:03:00	46.3	47.4	45.1
1-Dec-08	23:08:00	46.1	47.0	45.0
1-Dec-08	23:13:00	46.0	46.7	44.9
1-Dec-08	23:18:00	45.5	46.4	44.8
1-Dec-08	23:23:00	45.9	46.7	44.9
1-Dec-08	23:28:00	46.3	47.4	45.0
1-Dec-08	23:33:00	45.6	46.5	44.8
1-Dec-08	23:38:00	46.8	48.3	45.1
1-Dec-08	23:43:00	45.7	46.6	44.8
1-Dec-08	23:48:00	45.7	46.6	44.5
1-Dec-08	23:53:00	46.0	46.6	44.8
1-Dec-08	23:58:00	45.7	46.6	44.8
	Mean	49.9	51.8	45.5
	Maximum	63.3	64.8	52.3
	Minimum	45.2	45.7	44.2

## Appendix B4

### Night Time Noise Level at Rosaryhill School (NC6)

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
2-Dec-08	00:03:00	45.2	45.9	44.3
2-Dec-08	00:08:00	49.7	46.4	44.6
2-Dec-08	00:13:00	47.0	46.4	44.7
2-Dec-08	00:18:00	45.7	46.6	44.9
2-Dec-08	00:23:00	45.9	46.6	44.9
2-Dec-08	00:28:00	45.6	46.5	44.8
2-Dec-08	00:33:00	45.7	46.6	44.8
2-Dec-08	00:38:00	45.8	46.7	44.9
2-Dec-08	00:43:00	45.6	46.5	44.8
2-Dec-08	00:48:00	45.5	46.4	44.7
2-Dec-08	00:53:00	45.3	46.1	44.5
2-Dec-08	00:58:00	45.1	45.7	44.2
2-Dec-08	01:03:00	45.1	45.7	44.2
2-Dec-08	01:08:00	45.1	45.7	44.2
2-Dec-08	01:13:00	45.0	45.7	44.1
2-Dec-08	01:18:00	45.2	45.9	44.3
2-Dec-08	01:23:00	45.1	45.7	44.2
2-Dec-08	01:28:00	45.2	45.7	44.2
2-Dec-08	01:33:00	45.1	45.7	44.2
2-Dec-08	01:38:00	45.1	45.7	44.1
2-Dec-08	01:43:00	44.9	45.6	44.0
2-Dec-08	01:48:00	46.0	47.0	44.9
2-Dec-08	01:53:00	46.7	47.7	45.8
2-Dec-08	01:58:00	45.8	47.2	44.5
2-Dec-08	02:03:00	45.1	45.7	44.1
2-Dec-08	02:08:00	45.0	45.7	44.0
2-Dec-08	02:13:00	45.1	45.7	44.1
2-Dec-08	02:18:00	45.2	45.7	44.1
2-Dec-08	02:23:00	44.9	45.6	44.0
2-Dec-08	02:28:00	45.0	45.6	44.0
2-Dec-08	02:33:00	45.0	45.7	44.0
2-Dec-08	02:38:00	45.1	45.7	44.1
2-Dec-08	02:43:00	45.1	45.7	44.1
2-Dec-08	02:48:00	45.3	46.2	44.2
2-Dec-08	02:53:00	45.5	46.7	44.4
2-Dec-08	02:58:00	45.2	45.7	44.3
2-Dec-08	03:03:00	45.1	45.7	44.2
2-Dec-08	03:08:00	45.2	45.8	44.3
2-Dec-08	03:13:00	45.1	45.7	44.2
2-Dec-08	03:18:00	45.5	46.6	44.4
2-Dec-08	03:23:00	45.0	45.7	44.1
2-Dec-08	03:28:00	45.4	46.2	44.8
2-Dec-08	03:33:00	45.5	46.4	44.9
2-Dec-08	03:38:00	45.6	46.5	44.9
2-Dec-08	03:43:00	45.5	46.4	44.8
2-Dec-08	03:48:00	49.3	50.9	44.8
2-Dec-08	03:53:00	45.1	45.7	44.2
2-Dec-08	03:58:00	45.1	45.7	44.3
2-Dec-08	04:03:00	45.3	46.2	44.4
2-Dec-08	04:08:00	45.3	46.0	44.6
2-Dec-08	04:13:00	45.5	46.3	44.4

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
2-Dec-08	04:18:00	45.2	45.9	44.2
2-Dec-08	04:23:00	46.0	48.3	44.2
2-Dec-08	04:28:00	45.2	45.8	44.3
2-Dec-08	04:33:00	45.6	46.7	44.4
2-Dec-08	04:38:00	45.7	46.8	44.5
2-Dec-08	04:43:00	45.8	46.9	44.8
2-Dec-08	04:48:00	45.5	46.4	44.8
2-Dec-08	04:53:00	45.4	46.3	44.8
2-Dec-08	04:58:00	45.5	46.4	44.8
2-Dec-08	05:03:00	45.8	46.6	44.9
2-Dec-08	05:08:00	46.3	46.6	44.8
2-Dec-08	05:13:00	50.8	52.7	45.0
2-Dec-08	05:18:00	47.2	47.3	44.9
2-Dec-08	05:23:00	45.9	46.5	44.8
2-Dec-08	05:28:00	45.7	46.5	44.8
2-Dec-08	05:33:00	45.5	46.4	44.8
2-Dec-08	05:38:00	45.8	46.6	44.9
2-Dec-08	05:43:00	45.9	46.6	44.9
2-Dec-08	05:48:00	47.5	49.1	45.1
2-Dec-08	05:53:00	50.1	50.7	45.1
2-Dec-08	05:58:00	49.1	51.5	45.2
2-Dec-08	06:03:00	50.9	50.6	45.5
2-Dec-08	06:08:00	49.4	50.0	45.2
2-Dec-08	06:13:00	48.6	51.2	45.8
2-Dec-08	06:18:00	63.1	64.0	46.2
2-Dec-08	06:23:00	58.4	60.8	50.8
2-Dec-08	06:28:00	58.1	59.2	52.9
2-Dec-08	06:33:00	61.6	66.3	47.6
2-Dec-08	06:38:00	50.8	51.5	45.9
2-Dec-08	06:43:00	51.3	54.1	46.0
2-Dec-08	06:48:00	52.3	54.7	46.4
2-Dec-08	06:53:00	55.6	57.6	47.4
2-Dec-08	06:58:00	51.7	53.1	49.5
2-Dec-08	23:03:00	50.0	48.9	46.6
2-Dec-08	23:08:00	47.6	48.6	46.3
2-Dec-08	23:13:00	47.6	48.9	46.1
2-Dec-08	23:18:00	47.2	48.6	45.8
2-Dec-08	23:23:00	47.0	48.1	45.9
2-Dec-08	23:28:00	47.0	48.1	45.8
2-Dec-08	23:33:00	46.8	47.7	45.4
2-Dec-08	23:38:00	46.6	47.6	45.3
2-Dec-08	23:43:00	46.7	47.7	45.4
2-Dec-08	23:48:00	46.4	47.6	45.1
2-Dec-08	23:53:00	46.6	47.6	45.3
2-Dec-08	23:58:00	46.5	47.5	45.3
	Mean	50.0	51.9	45.3
	Maximum	63.1	66.3	52.9
	Minimum	44.9	45.6	44.0



## Appendix B4

### Night Time Noise Level at Rosaryhill School (NC6)

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
3-Dec-08	00:03:00	46.7	47.7	45.4
3-Dec-08	00:08:00	46.7	47.7	45.5
3-Dec-08	00:13:00	46.3	47.3	45.1
3-Dec-08	00:18:00	46.4	47.5	45.2
3-Dec-08	00:23:00	46.5	47.6	45.2
3-Dec-08	00:28:00	46.7	47.9	45.3
3-Dec-08	00:33:00	46.0	46.7	45.0
3-Dec-08	00:38:00	45.9	46.7	44.9
3-Dec-08	00:43:00	46.1	47.1	45.0
3-Dec-08	00:48:00	46.6	47.8	45.2
3-Dec-08	00:53:00	45.9	46.7	44.9
3-Dec-08	00:58:00	46.2	47.3	45.0
3-Dec-08	01:03:00	46.9	48.2	45.4
3-Dec-08	01:08:00	47.5	48.4	46.5
3-Dec-08	01:13:00	46.6	47.7	45.1
3-Dec-08	01:18:00	46.2	47.3	45.0
3-Dec-08	01:23:00	46.3	47.4	45.1
3-Dec-08	01:28:00	46.0	47.0	44.9
3-Dec-08	01:33:00	46.0	46.8	45.0
3-Dec-08	01:38:00	46.4	47.5	45.1
3-Dec-08	01:43:00	46.2	47.2	45.0
3-Dec-08	01:48:00	45.9	46.7	44.9
3-Dec-08	01:53:00	46.3	47.5	45.0
3-Dec-08	01:58:00	45.9	46.7	44.9
3-Dec-08	02:03:00	46.1	47.1	45.0
3-Dec-08	02:08:00	45.8	46.7	44.9
3-Dec-08	02:13:00	45.7	46.6	44.8
3-Dec-08	02:18:00	45.9	46.7	44.9
3-Dec-08	02:23:00	45.8	46.7	44.8
3-Dec-08	02:28:00	45.7	46.6	44.8
3-Dec-08	02:33:00	45.5	46.5	44.8
3-Dec-08	02:38:00	45.8	46.7	44.8
3-Dec-08	02:43:00	45.8	46.6	44.8
3-Dec-08	02:48:00	45.9	46.7	44.8
3-Dec-08	02:53:00	48.3	51.1	45.0
3-Dec-08	02:58:00	50.2	51.5	45.0
3-Dec-08	03:03:00	45.8	46.7	44.9
3-Dec-08	03:08:00	45.9	46.7	45.0
3-Dec-08	03:13:00	46.0	46.8	45.0
3-Dec-08	03:18:00	46.2	47.3	45.0
3-Dec-08	03:23:00	46.0	47.1	44.9
3-Dec-08	03:28:00	46.0	46.9	44.9
3-Dec-08	03:33:00	46.2	47.3	45.0
3-Dec-08	03:38:00	46.6	48.1	44.9
3-Dec-08	03:43:00	45.9	46.9	44.8
3-Dec-08	03:48:00	45.8	46.7	44.8
3-Dec-08	03:53:00	45.7	46.6	44.8
3-Dec-08	03:58:00	46.1	47.3	44.8
3-Dec-08	04:03:00	46.2	47.3	44.9
3-Dec-08	04:08:00	46.1	47.2	44.9
3-Dec-08	04:13:00	46.3	47.5	44.9

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
3-Dec-08	04:18:00	46.0	47.1	44.8
3-Dec-08	04:23:00	46.5	48.0	45.0
3-Dec-08	04:28:00	46.0	47.3	44.8
3-Dec-08	04:33:00	46.0	47.2	44.9
3-Dec-08	04:38:00	45.8	46.7	44.8
3-Dec-08	04:43:00	45.7	46.6	44.8
3-Dec-08	04:48:00	45.7	46.7	44.8
3-Dec-08	04:53:00	46.7	47.6	45.1
3-Dec-08	04:58:00	49.4	50.6	45.3
3-Dec-08	05:03:00	46.2	47.3	45.0
3-Dec-08	05:08:00	50.0	52.1	45.1
3-Dec-08	05:13:00	49.3	48.0	45.4
3-Dec-08	05:18:00	46.6	47.6	45.3
3-Dec-08	05:23:00	46.9	47.9	45.5
3-Dec-08	05:28:00	46.6	47.6	45.4
3-Dec-08	05:33:00	46.3	47.3	45.0
3-Dec-08	05:38:00	51.9	54.4	45.5
3-Dec-08	05:43:00	45.9	46.9	44.8
3-Dec-08	05:48:00	47.3	48.8	45.1
3-Dec-08	05:53:00	49.6	51.6	46.0
3-Dec-08	05:58:00	49.5	51.7	45.2
3-Dec-08	06:03:00	48.9	48.9	45.6
3-Dec-08	06:08:00	57.7	58.2	46.1
3-Dec-08	06:13:00	48.2	48.6	45.1
3-Dec-08	06:18:00	52.6	55.3	45.8
3-Dec-08	06:23:00	63.8	67.0	52.7
3-Dec-08	06:28:00	57.6	60.0	51.2
3-Dec-08	06:33:00	62.8	66.7	49.9
3-Dec-08	06:38:00	47.0	48.1	45.8
3-Dec-08	06:43:00	53.2	53.8	46.8
3-Dec-08	06:48:00	54.0	55.5	48.1
3-Dec-08	06:53:00	52.1	54.1	48.1
3-Dec-08	06:58:00	58.5	56.1	47.4
3-Dec-08	23:03:00	50.8	54.4	46.0
3-Dec-08	23:08:00	50.1	53.9	45.8
3-Dec-08	23:13:00	56.0	59.7	47.9
3-Dec-08	23:18:00	54.2	58.0	46.9
3-Dec-08	23:23:00	50.7	53.7	47.2
3-Dec-08	23:28:00	52.2	56.2	47.1
3-Dec-08	23:33:00	47.2	48.7	45.5
3-Dec-08	23:38:00	51.0	55.1	45.8
3-Dec-08	23:43:00	49.6	52.5	45.7
3-Dec-08	23:48:00	49.2	52.1	45.4
3-Dec-08	23:53:00	46.4	47.4	45.4
3-Dec-08	23:58:00	47.1	48.3	45.8
	Mean	51.1	53.5	45.8
	Maximum	63.8	67.0	52.7
	Minimum	45.5	46.5	44.8

## Appendix B4

### Night Time Noise Level at Rosaryhill School (NC6)

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
4-Dec-08	00:03:00	46.6	47.5	45.7
4-Dec-08	00:08:00	47.1	48.4	45.6
4-Dec-08	00:13:00	47.2	48.4	45.8
4-Dec-08	00:18:00	46.6	47.7	45.4
4-Dec-08	00:23:00	46.5	47.5	45.3
4-Dec-08	00:28:00	46.7	47.7	45.7
4-Dec-08	00:33:00	46.5	47.5	45.4
4-Dec-08	00:38:00	48.1	48.7	45.9
4-Dec-08	00:43:00	46.8	48.0	45.8
4-Dec-08	00:48:00	46.6	47.5	45.7
4-Dec-08	00:53:00	46.9	48.0	45.8
4-Dec-08	00:58:00	46.5	47.6	45.3
4-Dec-08	01:03:00	46.4	47.5	45.3
4-Dec-08	01:08:00	46.3	47.3	45.2
4-Dec-08	01:13:00	46.2	47.2	45.1
4-Dec-08	01:18:00	46.2	47.2	45.1
4-Dec-08	01:23:00	46.7	48.1	45.2
4-Dec-08	01:28:00	46.9	47.6	45.1
4-Dec-08	01:33:00	46.4	47.4	45.3
4-Dec-08	01:38:00	47.0	48.1	45.8
4-Dec-08	01:43:00	46.3	47.3	45.2
4-Dec-08	01:48:00	46.8	48.1	45.3
4-Dec-08	01:53:00	47.4	48.6	45.5
4-Dec-08	01:58:00	47.0	48.4	45.7
4-Dec-08	02:03:00	46.9	47.7	45.8
4-Dec-08	02:08:00	46.5	47.5	45.3
4-Dec-08	02:13:00	46.6	47.8	45.3
4-Dec-08	02:18:00	46.5	47.5	45.4
4-Dec-08	02:23:00	46.2	47.3	45.0
4-Dec-08	02:28:00	48.6	50.7	45.1
4-Dec-08	02:33:00	48.6	53.1	45.0
4-Dec-08	02:38:00	46.3	47.4	45.0
4-Dec-08	02:43:00	46.8	47.7	45.8
4-Dec-08	02:48:00	47.8	48.7	46.4
4-Dec-08	02:53:00	46.9	48.0	45.5
4-Dec-08	02:58:00	49.7	53.6	45.4
4-Dec-08	03:03:00	46.2	47.1	45.0
4-Dec-08	03:08:00	46.1	47.0	45.0
4-Dec-08	03:13:00	49.3	49.5	45.0
4-Dec-08	03:18:00	47.2	48.5	45.1
4-Dec-08	03:23:00	47.3	48.2	45.1
4-Dec-08	03:28:00	49.4	51.8	45.7
4-Dec-08	03:33:00	46.1	47.1	45.0
4-Dec-08	03:38:00	45.8	46.6	44.9
4-Dec-08	03:43:00	46.0	46.7	45.0
4-Dec-08	03:48:00	46.5	47.6	45.2
4-Dec-08	03:53:00	46.4	47.5	45.1
4-Dec-08	03:58:00	46.6	47.9	45.1
4-Dec-08	04:03:00	47.1	48.4	45.3
4-Dec-08	04:08:00	46.2	47.3	45.0
4-Dec-08	04:13:00	46.2	47.4	45.0

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
4-Dec-08	04:18:00	46.1	47.0	45.0
4-Dec-08	04:23:00	45.9	46.7	44.9
4-Dec-08	04:28:00	46.3	47.3	45.1
4-Dec-08	04:33:00	46.4	47.4	45.1
4-Dec-08	04:38:00	46.1	47.4	44.9
4-Dec-08	04:43:00	46.2	47.2	45.1
4-Dec-08	04:48:00	47.0	48.5	45.2
4-Dec-08	04:53:00	46.4	47.5	45.1
4-Dec-08	04:58:00	46.4	47.3	45.3
4-Dec-08	05:03:00	46.5	47.5	45.3
4-Dec-08	05:08:00	46.5	47.4	45.4
4-Dec-08	05:13:00	52.5	51.1	45.8
4-Dec-08	05:18:00	48.3	49.7	45.4
4-Dec-08	05:23:00	46.7	47.9	45.4
4-Dec-08	05:28:00	46.4	47.4	45.2
4-Dec-08	05:33:00	46.5	47.5	45.1
4-Dec-08	05:38:00	51.1	52.3	45.2
4-Dec-08	05:43:00	56.2	57.5	45.5
4-Dec-08	05:48:00	51.4	50.8	45.8
4-Dec-08	05:53:00	48.4	50.5	45.7
4-Dec-08	05:58:00	47.5	48.5	45.7
4-Dec-08	06:03:00	48.4	50.1	45.9
4-Dec-08	06:08:00	52.1	53.9	45.7
4-Dec-08	06:13:00	48.7	50.3	45.5
4-Dec-08	06:18:00	55.9	58.7	48.1
4-Dec-08	06:23:00	63.4	67.5	53.2
4-Dec-08	06:28:00	59.3	63.0	51.3
4-Dec-08	06:33:00	63.0	67.2	49.1
4-Dec-08	06:38:00	49.1	49.7	48.0
4-Dec-08	06:43:00	54.2	57.0	49.0
4-Dec-08	06:48:00	51.4	52.9	48.7
4-Dec-08	06:53:00	52.7	55.3	49.0
4-Dec-08	06:58:00	52.2	53.8	49.2
4-Dec-08	23:03:00	48.7	50.0	46.2
4-Dec-08	23:08:00	47.3	48.5	45.8
4-Dec-08	23:13:00	48.7	50.7	46.3
4-Dec-08	23:18:00	48.6	50.4	46.7
4-Dec-08	23:23:00	47.5	48.8	46.0
4-Dec-08	23:28:00	51.8	52.4	46.2
4-Dec-08	23:33:00	47.7	49.3	45.9
4-Dec-08	23:38:00	47.4	49.1	45.9
4-Dec-08	23:43:00	47.3	48.6	45.9
4-Dec-08	23:48:00	48.4	48.5	45.9
4-Dec-08	23:53:00	47.7	48.9	46.2
4-Dec-08	23:58:00	49.1	51.4	46.0
	Mean	50.8	53.6	46.1
	Maximum	63.4	67.5	53.2
	Minimum	45.8	46.6	44.9

## Appendix B4

### Night Time Noise Level at Rosaryhill School (NC6)

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
5-Dec-08	00:03:00	49.0	51.1	46.8
5-Dec-08	00:08:00	47.5	48.5	46.0
5-Dec-08	00:13:00	48.6	49.8	46.8
5-Dec-08	00:18:00	48.0	49.4	46.4
5-Dec-08	00:23:00	47.7	48.7	46.1
5-Dec-08	00:28:00	47.9	49.4	46.2
5-Dec-08	00:33:00	48.0	49.7	46.0
5-Dec-08	00:38:00	46.7	47.7	45.8
5-Dec-08	00:43:00	47.2	48.4	45.9
5-Dec-08	00:48:00	52.1	51.9	45.9
5-Dec-08	00:53:00	48.7	49.6	45.9
5-Dec-08	00:58:00	47.5	49.2	45.9
5-Dec-08	01:03:00	49.4	51.4	45.9
5-Dec-08	01:08:00	47.7	49.7	45.9
5-Dec-08	01:13:00	47.9	50.2	45.7
5-Dec-08	01:18:00	49.1	51.5	46.3
5-Dec-08	01:23:00	49.4	50.9	46.2
5-Dec-08	01:28:00	49.4	51.3	45.8
5-Dec-08	01:33:00	47.1	48.2	45.9
5-Dec-08	01:38:00	46.9	48.2	45.8
5-Dec-08	01:43:00	46.9	48.1	45.7
5-Dec-08	01:48:00	46.8	47.7	45.8
5-Dec-08	01:53:00	48.8	50.8	45.9
5-Dec-08	01:58:00	48.6	50.7	45.9
5-Dec-08	02:03:00	51.6	54.5	46.9
5-Dec-08	02:08:00	47.9	49.7	45.9
5-Dec-08	02:13:00	48.6	51.4	46.1
5-Dec-08	02:18:00	47.5	49.7	45.6
5-Dec-08	02:23:00	47.5	49.3	45.8
5-Dec-08	02:28:00	51.3	54.7	46.7
5-Dec-08	02:33:00	48.6	50.8	46.0
5-Dec-08	02:38:00	48.1	50.0	45.9
5-Dec-08	02:43:00	49.0	51.6	46.0
5-Dec-08	02:48:00	47.8	50.4	45.2
5-Dec-08	02:53:00	47.1	48.4	45.8
5-Dec-08	02:58:00	49.3	51.7	46.1
5-Dec-08	03:03:00	47.6	49.1	45.8
5-Dec-08	03:08:00	47.7	49.6	46.0
5-Dec-08	03:13:00	51.5	52.3	46.2
5-Dec-08	03:18:00	48.3	50.2	46.1
5-Dec-08	03:23:00	48.7	51.2	45.6
5-Dec-08	03:28:00	46.8	47.7	45.7
5-Dec-08	03:33:00	47.1	48.2	45.9
5-Dec-08	03:38:00	48.8	50.5	46.8
5-Dec-08	03:43:00	49.2	51.3	47.0
5-Dec-08	03:48:00	49.2	51.5	46.3
5-Dec-08	03:53:00	57.4	61.5	47.1
5-Dec-08	03:58:00	48.7	50.5	47.0
5-Dec-08	04:03:00	48.3	49.5	46.9
5-Dec-08	04:08:00	49.7	52.0	46.8
5-Dec-08	04:13:00	48.5	50.0	46.8

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
5-Dec-08	04:18:00	49.7	51.7	47.3
5-Dec-08	04:23:00	50.5	53.1	47.8
5-Dec-08	04:28:00	49.6	51.0	47.9
5-Dec-08	04:33:00	51.7	54.9	48.1
5-Dec-08	04:38:00	49.9	51.6	47.3
5-Dec-08	04:43:00	48.9	50.4	47.2
5-Dec-08	04:48:00	48.6	49.7	47.0
5-Dec-08	04:53:00	49.9	52.3	46.8
5-Dec-08	04:58:00	48.2	49.5	46.8
5-Dec-08	05:03:00	48.0	48.5	45.9
5-Dec-08	05:08:00	47.7	48.7	46.1
5-Dec-08	05:13:00	49.1	51.0	46.9
5-Dec-08	05:18:00	48.8	51.0	46.2
5-Dec-08	05:23:00	52.6	53.3	45.9
5-Dec-08	05:28:00	47.2	48.3	46.0
5-Dec-08	05:33:00	52.8	55.4	46.5
5-Dec-08	05:38:00	49.0	50.7	46.1
5-Dec-08	05:43:00	49.1	51.9	46.2
5-Dec-08	05:48:00	49.6	52.5	46.2
5-Dec-08	05:53:00	48.4	50.1	46.4
5-Dec-08	05:58:00	51.0	51.7	46.1
5-Dec-08	06:03:00	50.4	54.2	46.3
5-Dec-08	06:08:00	49.2	51.8	46.4
5-Dec-08	06:13:00	47.6	48.8	46.1
5-Dec-08	06:18:00	47.7	48.7	46.3
5-Dec-08	06:23:00	48.2	49.9	46.2
5-Dec-08	06:28:00	47.9	49.3	46.3
5-Dec-08	06:33:00	48.3	49.7	46.8
5-Dec-08	06:38:00	48.4	50.0	46.5
5-Dec-08	06:43:00	49.1	50.7	47.2
5-Dec-08	06:48:00	50.0	51.9	47.8
5-Dec-08	06:53:00	54.9	57.2	47.4
5-Dec-08	06:58:00	51.8	54.2	47.6
5-Dec-08	23:03:00	47.9	49.3	45.1
5-Dec-08	23:08:00	50.3	54.2	45.1
5-Dec-08	23:13:00	46.8	47.7	45.7
5-Dec-08	23:18:00	47.9	50.0	45.8
5-Dec-08	23:23:00	47.1	48.5	45.7
5-Dec-08	23:28:00	47.4	49.2	45.6
5-Dec-08	23:33:00	46.5	47.5	45.1
5-Dec-08	23:38:00	47.5	49.3	45.3
5-Dec-08	23:43:00	46.6	47.7	45.1
5-Dec-08	23:48:00	46.4	47.5	45.1
5-Dec-08	23:53:00	47.2	48.3	45.2
5-Dec-08	23:58:00	46.7	48.1	45.2
	Mean	49.3	51.4	46.3
	Maximum	57.4	61.5	48.1
	Minimum	46.4	47.5	45.1

## Appendix B4

### Night Time Noise Level at Rosaryhill School (NC6)

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
6-Dec-08	00:03:00	47.7	49.9	45.2
6-Dec-08	00:08:00	49.5	51.8	45.2
6-Dec-08	00:13:00	46.5	47.6	45.1
6-Dec-08	00:18:00	48.6	50.6	45.8
6-Dec-08	00:23:00	47.8	49.5	45.4
6-Dec-08	00:28:00	46.8	48.1	45.2
6-Dec-08	00:33:00	46.8	47.9	45.3
6-Dec-08	00:38:00	47.6	49.7	45.4
6-Dec-08	00:43:00	46.6	47.7	45.3
6-Dec-08	00:48:00	47.2	48.5	45.3
6-Dec-08	00:53:00	48.3	49.7	45.2
6-Dec-08	00:58:00	48.9	51.1	45.3
6-Dec-08	01:03:00	47.2	48.7	45.8
6-Dec-08	01:08:00	50.1	53.9	45.7
6-Dec-08	01:13:00	46.0	47.4	44.7
6-Dec-08	01:18:00	45.8	47.1	44.4
6-Dec-08	01:23:00	46.4	48.2	44.8
6-Dec-08	01:28:00	45.7	47.0	44.3
6-Dec-08	01:33:00	46.0	47.4	44.8
6-Dec-08	01:38:00	45.7	46.7	44.5
6-Dec-08	01:43:00	46.1	47.9	44.3
6-Dec-08	01:48:00	46.8	48.2	44.9
6-Dec-08	01:53:00	46.4	48.1	44.8
6-Dec-08	01:58:00	47.8	50.3	44.9
6-Dec-08	02:03:00	47.6	50.0	44.9
6-Dec-08	02:08:00	45.9	46.7	44.8
6-Dec-08	02:13:00	50.8	53.4	45.0
6-Dec-08	02:18:00	46.3	47.6	44.8
6-Dec-08	02:23:00	46.9	48.9	44.9
6-Dec-08	02:28:00	45.5	46.4	44.7
6-Dec-08	02:33:00	47.1	48.6	45.1
6-Dec-08	02:38:00	46.9	48.7	45.0
6-Dec-08	02:43:00	45.8	46.7	44.8
6-Dec-08	02:48:00	46.7	48.3	44.6
6-Dec-08	02:53:00	46.7	48.4	44.8
6-Dec-08	02:58:00	45.4	46.4	44.1
6-Dec-08	03:03:00	46.1	47.4	44.8
6-Dec-08	03:08:00	46.2	48.1	44.3
6-Dec-08	03:13:00	45.7	46.7	44.4
6-Dec-08	03:18:00	46.0	47.7	44.4
6-Dec-08	03:23:00	46.8	48.8	44.8
6-Dec-08	03:28:00	48.0	50.5	45.2
6-Dec-08	03:33:00	47.0	48.9	45.0
6-Dec-08	03:38:00	46.1	47.3	44.8
6-Dec-08	03:43:00	47.6	49.4	45.3
6-Dec-08	03:48:00	46.7	48.6	44.5
6-Dec-08	03:53:00	46.5	48.2	44.9
6-Dec-08	03:58:00	45.8	47.1	44.4
6-Dec-08	04:03:00	46.8	48.5	45.0
6-Dec-08	04:08:00	46.8	48.4	44.9
6-Dec-08	04:13:00	47.1	48.9	44.9

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
6-Dec-08	04:18:00	45.7	46.7	44.3
6-Dec-08	04:23:00	46.9	48.7	45.0
6-Dec-08	04:28:00	46.0	47.2	44.8
6-Dec-08	04:33:00	45.4	46.4	44.3
6-Dec-08	04:38:00	45.5	46.5	44.4
6-Dec-08	04:43:00	45.1	46.1	44.0
6-Dec-08	04:48:00	47.7	50.2	44.8
6-Dec-08	04:53:00	47.1	49.0	44.6
6-Dec-08	04:58:00	53.4	55.8	44.8
6-Dec-08	05:03:00	47.3	49.6	44.8
6-Dec-08	05:08:00	46.4	47.7	44.8
6-Dec-08	05:13:00	45.9	47.6	44.2
6-Dec-08	05:18:00	48.5	50.1	44.4
6-Dec-08	05:23:00	49.4	52.0	44.2
6-Dec-08	05:28:00	45.7	46.9	44.3
6-Dec-08	05:33:00	46.2	46.8	44.2
6-Dec-08	05:38:00	45.3	46.4	44.1
6-Dec-08	05:43:00	45.7	46.8	44.3
6-Dec-08	05:48:00	48.5	50.4	44.9
6-Dec-08	05:53:00	47.5	50.5	44.8
6-Dec-08	05:58:00	46.2	47.4	44.5
6-Dec-08	06:03:00	45.7	46.7	44.4
6-Dec-08	06:08:00	46.0	47.3	44.7
6-Dec-08	06:13:00	57.3	60.6	45.0
6-Dec-08	06:18:00	62.9	67.2	46.0
6-Dec-08	06:23:00	58.9	58.8	46.6
6-Dec-08	06:28:00	50.5	53.6	45.7
6-Dec-08	06:33:00	54.9	55.6	45.3
6-Dec-08	06:38:00	62.8	53.5	45.8
6-Dec-08	06:43:00	48.9	49.6	45.2
6-Dec-08	06:48:00	50.8	52.7	45.8
6-Dec-08	06:53:00	49.5	51.8	46.0
6-Dec-08	06:58:00	53.3	56.3	46.8
6-Dec-08	23:03:00	46.4	47.4	45.2
6-Dec-08	23:08:00	46.5	47.5	45.2
6-Dec-08	23:13:00	46.3	47.3	45.1
6-Dec-08	23:18:00	46.8	47.7	45.4
6-Dec-08	23:23:00	47.0	47.5	45.0
6-Dec-08	23:28:00	45.9	46.7	44.9
6-Dec-08	23:33:00	46.4	47.4	45.2
6-Dec-08	23:38:00	46.6	47.5	45.3
6-Dec-08	23:43:00	46.7	47.6	45.6
6-Dec-08	23:48:00	46.4	47.5	45.3
6-Dec-08	23:53:00	46.4	47.4	45.2
6-Dec-08	23:58:00	46.4	47.4	45.3
	Mean	50.4	52.0	45.0
	Maximum	62.9	67.2	46.8
	Minimum	45.1	46.1	44.0

## Appendix B4

### Night Time Noise Level at Rosaryhill School (NC6)

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
7-Dec-08	00:03:00	46.7	47.7	45.8
7-Dec-08	00:08:00	46.4	47.4	45.2
7-Dec-08	00:13:00	47.3	48.3	46.1
7-Dec-08	00:18:00	47.2	48.3	46.0
7-Dec-08	00:23:00	46.5	47.7	45.0
7-Dec-08	00:28:00	45.9	47.0	44.8
7-Dec-08	00:33:00	45.6	46.6	44.8
7-Dec-08	00:38:00	45.7	46.6	44.9
7-Dec-08	00:43:00	46.5	48.1	44.9
7-Dec-08	00:48:00	45.8	46.7	44.9
7-Dec-08	00:53:00	45.4	46.3	44.6
7-Dec-08	00:58:00	45.6	46.5	44.8
7-Dec-08	01:03:00	45.5	46.4	44.8
7-Dec-08	01:08:00	45.6	46.5	44.8
7-Dec-08	01:13:00	45.7	46.6	44.8
7-Dec-08	01:18:00	45.3	46.2	44.4
7-Dec-08	01:23:00	47.8	49.6	44.8
7-Dec-08	01:28:00	46.1	47.4	44.8
7-Dec-08	01:33:00	49.1	52.0	44.8
7-Dec-08	01:38:00	46.0	47.5	44.5
7-Dec-08	01:43:00	46.0	47.4	44.5
7-Dec-08	01:48:00	45.5	46.6	44.3
7-Dec-08	01:53:00	46.2	47.8	44.4
7-Dec-08	01:58:00	45.9	46.7	44.9
7-Dec-08	02:03:00	46.1	47.0	45.0
7-Dec-08	02:08:00	45.7	46.6	44.9
7-Dec-08	02:13:00	47.2	48.7	44.8
7-Dec-08	02:18:00	46.5	47.6	44.7
7-Dec-08	02:23:00	49.1	52.7	44.2
7-Dec-08	02:28:00	45.1	45.7	44.1
7-Dec-08	02:33:00	45.1	45.7	44.0
7-Dec-08	02:38:00	45.1	45.7	44.1
7-Dec-08	02:43:00	45.0	45.7	44.1
7-Dec-08	02:48:00	45.8	47.0	44.5
7-Dec-08	02:53:00	45.4	46.5	44.3
7-Dec-08	02:58:00	45.1	45.7	44.2
7-Dec-08	03:03:00	45.1	45.8	44.1
7-Dec-08	03:08:00	45.9	47.1	44.3
7-Dec-08	03:13:00	45.1	45.8	44.2
7-Dec-08	03:18:00	45.8	46.9	44.8
7-Dec-08	03:23:00	46.2	47.3	44.6
7-Dec-08	03:28:00	45.2	46.2	44.2
7-Dec-08	03:33:00	45.4	46.3	44.1
7-Dec-08	03:38:00	45.0	45.7	44.0
7-Dec-08	03:43:00	45.2	45.7	44.2
7-Dec-08	03:48:00	46.0	47.4	44.8
7-Dec-08	03:53:00	45.1	45.7	44.2
7-Dec-08	03:58:00	45.1	45.7	44.1
7-Dec-08	04:03:00	45.4	46.1	44.2
7-Dec-08	04:08:00	45.1	45.7	44.1
7-Dec-08	04:13:00	45.1	45.7	44.1

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
7-Dec-08	04:18:00	45.6	46.5	44.2
7-Dec-08	04:23:00	45.1	45.8	44.1
7-Dec-08	04:28:00	45.0	45.7	44.0
7-Dec-08	04:33:00	45.0	45.7	44.0
7-Dec-08	04:38:00	45.2	45.9	44.1
7-Dec-08	04:43:00	45.8	46.9	44.7
7-Dec-08	04:48:00	45.5	46.5	44.6
7-Dec-08	04:53:00	45.0	45.7	44.0
7-Dec-08	04:58:00	45.8	46.9	44.7
7-Dec-08	05:03:00	45.7	46.5	44.8
7-Dec-08	05:08:00	45.9	47.0	44.7
7-Dec-08	05:13:00	46.4	48.1	44.9
7-Dec-08	05:18:00	46.0	46.7	44.9
7-Dec-08	05:23:00	45.5	46.4	44.5
7-Dec-08	05:28:00	47.1	46.7	44.6
7-Dec-08	05:33:00	45.3	46.2	44.3
7-Dec-08	05:38:00	46.2	47.6	44.8
7-Dec-08	05:43:00	45.5	46.4	44.8
7-Dec-08	05:48:00	45.3	46.2	44.4
7-Dec-08	05:53:00	46.1	46.5	44.3
7-Dec-08	05:58:00	47.1	46.4	44.5
7-Dec-08	06:03:00	45.6	46.5	44.6
7-Dec-08	06:08:00	47.1	48.5	45.0
7-Dec-08	06:13:00	47.6	48.8	44.9
7-Dec-08	06:18:00	49.4	52.9	46.1
7-Dec-08	06:23:00	47.2	48.2	46.1
7-Dec-08	06:28:00	46.8	47.6	45.9
7-Dec-08	06:33:00	47.2	48.0	45.9
7-Dec-08	06:38:00	51.9	53.3	46.1
7-Dec-08	06:43:00	53.1	54.4	46.0
7-Dec-08	06:48:00	46.9	48.0	45.8
7-Dec-08	06:53:00	46.8	47.6	45.4
7-Dec-08	06:58:00	47.3	48.6	45.8
7-Dec-08	23:03:00	47.9	48.3	46.2
7-Dec-08	23:08:00	47.7	49.0	46.1
7-Dec-08	23:13:00	48.7	49.3	46.3
7-Dec-08	23:18:00	48.1	49.8	46.3
7-Dec-08	23:23:00	46.9	47.8	46.1
7-Dec-08	23:28:00	47.1	48.3	46.1
7-Dec-08	23:33:00	46.6	47.5	45.7
7-Dec-08	23:38:00	51.7	48.1	45.7
7-Dec-08	23:43:00	47.4	47.9	46.1
7-Dec-08	23:48:00	50.2	51.2	46.1
7-Dec-08	23:53:00	46.8	47.8	45.9
7-Dec-08	23:58:00	46.9	47.8	46.0
	Mean	46.7	47.8	44.9
	Maximum	53.1	54.4	46.3
	Minimum	45.0	45.7	44.0

## Appendix B4

### Night Time Noise Level at Rosaryhill School (NC6)

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
8-Dec-08	00:03:00	52.2	48.5	46.1
8-Dec-08	00:08:00	47.1	48.1	46.2
8-Dec-08	00:13:00	47.4	48.2	46.2
8-Dec-08	00:18:00	47.2	48.2	46.2
8-Dec-08	00:23:00	48.5	50.0	46.4
8-Dec-08	00:28:00	47.4	48.2	46.3
8-Dec-08	00:33:00	47.9	48.8	46.4
8-Dec-08	00:38:00	47.6	48.7	46.5
8-Dec-08	00:43:00	48.3	49.4	46.9
8-Dec-08	00:48:00	48.3	49.5	46.8
8-Dec-08	00:53:00	48.9	49.9	47.5
8-Dec-08	00:58:00	48.1	49.1	47.2
8-Dec-08	01:03:00	48.2	49.1	47.2
8-Dec-08	01:08:00	49.0	50.2	47.2
8-Dec-08	01:13:00	48.0	48.9	47.1
8-Dec-08	01:18:00	48.6	49.1	46.9
8-Dec-08	01:23:00	48.4	49.5	46.8
8-Dec-08	01:28:00	48.3	49.2	47.3
8-Dec-08	01:33:00	48.4	49.2	47.3
8-Dec-08	01:38:00	49.3	50.6	47.5
8-Dec-08	01:43:00	48.1	49.0	47.2
8-Dec-08	01:48:00	48.0	49.0	47.1
8-Dec-08	01:53:00	48.6	49.5	47.3
8-Dec-08	01:58:00	48.5	49.4	47.3
8-Dec-08	02:03:00	48.1	49.1	47.2
8-Dec-08	02:08:00	47.9	48.9	46.8
8-Dec-08	02:13:00	48.7	49.6	47.3
8-Dec-08	02:18:00	48.7	49.7	47.3
8-Dec-08	02:23:00	48.5	49.3	47.3
8-Dec-08	02:28:00	49.5	50.2	47.6
8-Dec-08	02:33:00	50.8	52.6	48.3
8-Dec-08	02:38:00	50.2	52.0	47.4
8-Dec-08	02:43:00	48.9	50.1	47.5
8-Dec-08	02:48:00	48.9	49.9	48.0
8-Dec-08	02:53:00	49.5	50.8	48.1
8-Dec-08	02:58:00	49.5	50.8	48.0
8-Dec-08	03:03:00	48.9	49.9	47.4
8-Dec-08	03:08:00	50.3	52.4	47.9
8-Dec-08	03:13:00	51.3	53.2	48.1
8-Dec-08	03:18:00	53.2	55.5	48.9
8-Dec-08	03:23:00	50.2	51.8	47.4
8-Dec-08	03:28:00	52.7	55.0	49.3
8-Dec-08	03:33:00	51.4	53.6	48.5
8-Dec-08	03:38:00	55.9	58.1	48.3
8-Dec-08	03:43:00	51.0	53.0	48.3
8-Dec-08	03:48:00	49.7	51.3	47.6
8-Dec-08	03:53:00	50.4	52.1	47.7
8-Dec-08	03:58:00	53.1	55.9	47.1
8-Dec-08	04:03:00	50.5	51.9	47.6
8-Dec-08	04:08:00	49.8	51.0	48.3
8-Dec-08	04:13:00	49.4	51.0	47.5

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
8-Dec-08	04:18:00	49.1	50.3	47.4
8-Dec-08	04:23:00	49.5	50.7	47.3
8-Dec-08	04:28:00	50.3	51.1	48.3
8-Dec-08	04:33:00	49.2	50.2	47.6
8-Dec-08	04:38:00	50.3	51.8	47.4
8-Dec-08	04:43:00	50.1	51.4	48.3
8-Dec-08	04:48:00	49.1	50.3	47.5
8-Dec-08	04:53:00	48.3	49.3	47.2
8-Dec-08	04:58:00	55.4	59.8	47.5
8-Dec-08	05:03:00	51.3	53.6	48.3
8-Dec-08	05:08:00	51.5	53.0	49.4
8-Dec-08	05:13:00	50.0	51.2	48.3
8-Dec-08	05:18:00	50.3	51.4	48.3
8-Dec-08	05:23:00	51.3	53.1	48.8
8-Dec-08	05:28:00	51.0	52.3	48.4
8-Dec-08	05:33:00	52.6	54.6	49.5
8-Dec-08	05:38:00	51.0	52.8	49.0
8-Dec-08	05:43:00	51.2	51.9	48.5
8-Dec-08	05:48:00	54.7	55.2	50.1
8-Dec-08	05:53:00	56.7	58.2	49.1
8-Dec-08	05:58:00	53.0	54.9	49.9
8-Dec-08	06:03:00	52.8	55.4	49.6
8-Dec-08	06:08:00	53.8	55.8	50.3
8-Dec-08	06:13:00	51.9	54.3	49.4
8-Dec-08	06:18:00	50.3	51.2	49.3
8-Dec-08	06:23:00	53.9	57.2	49.9
8-Dec-08	06:28:00	53.6	55.5	50.3
8-Dec-08	06:33:00	52.9	54.1	50.6
8-Dec-08	06:38:00	54.3	55.8	50.8
8-Dec-08	06:43:00	54.1	55.5	50.5
8-Dec-08	06:48:00	55.3	56.3	50.7
8-Dec-08	06:53:00	56.2	58.1	51.6
8-Dec-08	06:58:00	55.0	57.1	51.6
8-Dec-08	23:03:00	54.2	55.6	49.4
8-Dec-08	23:08:00	52.4	55.0	48.1
8-Dec-08	23:13:00	51.6	53.1	49.0
8-Dec-08	23:18:00	53.0	53.7	49.6
8-Dec-08	23:23:00	52.8	54.8	49.1
8-Dec-08	23:28:00	50.5	52.4	47.5
8-Dec-08	23:33:00	50.2	51.2	48.4
8-Dec-08	23:38:00	48.6	49.8	47.3
8-Dec-08	23:43:00	53.1	51.6	47.4
8-Dec-08	23:48:00	48.9	50.0	47.5
8-Dec-08	23:53:00	48.0	49.0	46.4
8-Dec-08	23:58:00	48.0	49.2	46.4
	Mean	51.2	52.8	48.2
	Maximum	56.7	59.8	51.6
	Minimum	47.1	48.1	46.1

## Appendix B4

### Night Time Noise Level at Rosaryhill School (NC6)

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
9-Dec-08	00:03:00	46.1	47.0	45.2
9-Dec-08	00:08:00	46.1	47.0	44.9
9-Dec-08	00:13:00	46.4	47.0	45.2
9-Dec-08	00:18:00	46.1	47.0	45.2
9-Dec-08	00:23:00	45.6	46.3	44.7
9-Dec-08	00:28:00	50.1	46.8	45.0
9-Dec-08	00:33:00	47.4	46.8	45.1
9-Dec-08	00:38:00	46.1	47.0	45.3
9-Dec-08	00:43:00	46.3	47.0	45.3
9-Dec-08	00:48:00	46.0	46.9	45.2
9-Dec-08	00:53:00	46.1	47.0	45.2
9-Dec-08	00:58:00	46.2	47.1	45.3
9-Dec-08	01:03:00	46.0	46.9	45.2
9-Dec-08	01:08:00	45.9	46.8	45.1
9-Dec-08	01:13:00	45.7	46.5	44.9
9-Dec-08	01:18:00	45.5	46.1	44.6
9-Dec-08	01:23:00	45.5	46.1	44.6
9-Dec-08	01:28:00	45.5	46.1	44.6
9-Dec-08	01:33:00	45.4	46.1	44.5
9-Dec-08	01:38:00	45.6	46.3	44.7
9-Dec-08	01:43:00	45.5	46.1	44.6
9-Dec-08	01:48:00	45.6	46.1	44.6
9-Dec-08	01:53:00	45.5	46.1	44.6
9-Dec-08	01:58:00	45.5	46.1	44.5
9-Dec-08	02:03:00	45.3	46.0	44.4
9-Dec-08	02:08:00	46.4	47.4	45.3
9-Dec-08	02:13:00	47.1	48.1	46.2
9-Dec-08	02:18:00	46.2	47.6	44.9
9-Dec-08	02:23:00	45.5	46.1	44.5
9-Dec-08	02:28:00	45.4	46.1	44.4
9-Dec-08	02:33:00	45.5	46.1	44.5
9-Dec-08	02:38:00	45.6	46.1	44.5
9-Dec-08	02:43:00	45.2	45.9	44.3
9-Dec-08	02:48:00	45.3	45.9	44.3
9-Dec-08	02:53:00	45.3	46.0	44.3
9-Dec-08	02:58:00	45.4	46.0	44.4
9-Dec-08	03:03:00	45.4	46.0	44.4
9-Dec-08	03:08:00	45.6	46.5	44.5
9-Dec-08	03:13:00	45.8	47.0	44.7
9-Dec-08	03:18:00	45.5	46.0	44.6
9-Dec-08	03:23:00	45.4	46.0	44.5
9-Dec-08	03:28:00	45.5	46.1	44.6
9-Dec-08	03:33:00	45.4	46.0	44.5
9-Dec-08	03:38:00	45.8	46.9	44.7
9-Dec-08	03:43:00	45.3	46.0	44.4
9-Dec-08	03:48:00	45.7	46.5	45.1
9-Dec-08	03:53:00	45.8	46.7	45.2
9-Dec-08	03:58:00	45.9	46.8	45.2
9-Dec-08	04:03:00	45.8	46.7	45.1
9-Dec-08	04:08:00	49.6	51.2	45.1
9-Dec-08	04:13:00	45.4	46.0	44.5

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
9-Dec-08	04:18:00	45.4	46.0	44.6
9-Dec-08	04:23:00	45.6	46.5	44.7
9-Dec-08	04:28:00	45.6	46.3	44.9
9-Dec-08	04:33:00	45.8	46.6	44.7
9-Dec-08	04:38:00	45.6	46.3	44.6
9-Dec-08	04:43:00	46.4	48.7	44.6
9-Dec-08	04:48:00	45.6	46.2	44.7
9-Dec-08	04:53:00	46.0	47.1	44.8
9-Dec-08	04:58:00	46.1	47.2	44.9
9-Dec-08	05:03:00	46.2	47.3	45.2
9-Dec-08	05:08:00	45.9	46.8	45.2
9-Dec-08	05:13:00	45.8	46.7	45.2
9-Dec-08	05:18:00	45.9	46.8	45.2
9-Dec-08	05:23:00	46.2	47.0	45.3
9-Dec-08	05:28:00	46.7	47.0	45.2
9-Dec-08	05:33:00	51.3	53.2	45.4
9-Dec-08	05:38:00	47.6	47.7	45.3
9-Dec-08	05:43:00	46.3	46.9	45.2
9-Dec-08	05:48:00	46.1	46.9	45.2
9-Dec-08	05:53:00	45.9	46.8	45.2
9-Dec-08	05:58:00	46.2	47.0	45.3
9-Dec-08	06:03:00	46.3	47.0	45.3
9-Dec-08	06:08:00	47.9	49.5	45.5
9-Dec-08	06:13:00	50.5	51.2	45.5
9-Dec-08	06:18:00	49.5	52.0	45.6
9-Dec-08	06:23:00	51.4	51.1	45.9
9-Dec-08	06:28:00	49.8	50.4	45.6
9-Dec-08	06:33:00	49.0	51.7	46.2
9-Dec-08	06:38:00	63.7	64.6	46.6
9-Dec-08	06:43:00	58.9	61.3	51.3
9-Dec-08	06:48:00	58.6	59.7	53.4
9-Dec-08	06:53:00	62.1	66.9	48.0
9-Dec-08	06:58:00	51.3	52.0	46.3
9-Dec-08	23:03:00	56.2	48.5	46.2
9-Dec-08	23:08:00	47.3	48.2	46.2
9-Dec-08	23:13:00	47.7	48.8	46.4
9-Dec-08	23:18:00	48.8	50.3	46.8
9-Dec-08	23:23:00	50.4	49.3	47.0
9-Dec-08	23:28:00	48.0	49.0	46.7
9-Dec-08	23:33:00	48.0	49.3	46.5
9-Dec-08	23:38:00	47.6	49.0	46.2
9-Dec-08	23:43:00	47.4	48.5	46.3
9-Dec-08	23:48:00	47.4	48.5	46.2
9-Dec-08	23:53:00	47.2	48.1	45.8
9-Dec-08	23:58:00	47.0	48.0	45.7
	Mean	50.3	52.1	45.6
	Maximum	63.7	66.9	53.4
	Minimum	45.2	45.9	44.3

Summary of Night Time Noise Level at Rosaryhill School (NC6)			
	Leq	L10	L90
Mean	50.1	52.1	46.0
Max	66.2	69.6	54.0
Min	44.9	45.6	44.0

## Appendix B4

### Night Time Noise Level at The Harbour View (NC10)

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
9-Dec-08	00:03:00	62.4	66.5	52.3
9-Dec-08	00:08:00	66.3	69.8	53.5
9-Dec-08	00:13:00	64.5	68.8	52.4
9-Dec-08	00:18:00	64.4	69.1	53.0
9-Dec-08	00:23:00	63.0	67.5	52.6
9-Dec-08	00:28:00	65.6	69.4	52.0
9-Dec-08	00:33:00	60.9	64.3	51.8
9-Dec-08	00:38:00	62.0	66.9	51.9
9-Dec-08	00:43:00	60.7	62.1	51.9
9-Dec-08	00:48:00	58.2	58.9	51.3
9-Dec-08	00:53:00	62.5	66.4	52.0
9-Dec-08	00:58:00	62.7	66.0	51.4
9-Dec-08	01:03:00	60.5	63.0	51.4
9-Dec-08	01:08:00	61.4	64.9	51.8
9-Dec-08	01:13:00	62.8	64.9	51.8
9-Dec-08	01:18:00	67.2	66.4	51.8
9-Dec-08	01:23:00	59.8	60.6	51.6
9-Dec-08	01:28:00	58.7	60.2	51.5
9-Dec-08	01:33:00	58.2	59.5	51.2
9-Dec-08	01:38:00	58.8	61.5	51.1
9-Dec-08	01:43:00	59.0	59.9	51.3
9-Dec-08	01:48:00	59.8	63.1	51.5
9-Dec-08	01:53:00	58.7	57.8	51.1
9-Dec-08	01:58:00	60.2	59.4	51.3
9-Dec-08	02:03:00	58.5	56.4	51.1
9-Dec-08	02:08:00	56.8	56.3	51.1
9-Dec-08	02:13:00	59.3	61.0	51.2
9-Dec-08	02:18:00	57.5	56.5	51.3
9-Dec-08	02:23:00	58.9	60.3	51.1
9-Dec-08	02:28:00	58.1	57.9	51.2
9-Dec-08	02:33:00	57.6	55.0	51.0
9-Dec-08	02:38:00	56.1	53.7	50.9
9-Dec-08	02:43:00	57.0	52.7	50.9
9-Dec-08	02:48:00	58.9	58.4	50.9
9-Dec-08	02:53:00	56.2	53.5	50.9
9-Dec-08	02:58:00	56.7	53.8	50.9
9-Dec-08	03:03:00	53.8	52.5	50.9
9-Dec-08	03:08:00	57.6	52.7	50.9
9-Dec-08	03:13:00	57.7	52.7	50.9
9-Dec-08	03:18:00	59.3	57.6	50.9
9-Dec-08	03:23:00	57.7	56.9	50.9
9-Dec-08	03:28:00	58.0	58.7	50.9
9-Dec-08	03:33:00	53.2	52.5	50.8
9-Dec-08	03:38:00	61.2	58.1	51.2
9-Dec-08	03:43:00	54.9	52.5	50.9
9-Dec-08	03:48:00	53.8	52.6	50.9
9-Dec-08	03:53:00	59.8	58.3	50.9
9-Dec-08	03:58:00	53.6	52.6	50.8
9-Dec-08	04:03:00	51.4	52.1	50.8
9-Dec-08	04:08:00	54.2	52.5	50.8
9-Dec-08	04:13:00	51.1	51.7	50.3

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
9-Dec-08	04:18:00	54.1	52.2	50.8
9-Dec-08	04:23:00	52.4	52.3	50.8
9-Dec-08	04:28:00	52.2	53.5	50.8
9-Dec-08	04:33:00	58.3	56.5	50.8
9-Dec-08	04:38:00	52.3	54.5	50.9
9-Dec-08	04:43:00	56.6	52.4	50.8
9-Dec-08	04:48:00	51.3	51.7	50.8
9-Dec-08	04:53:00	53.9	53.4	50.8
9-Dec-08	04:58:00	53.5	52.3	50.8
9-Dec-08	05:03:00	53.0	52.5	50.8
9-Dec-08	05:08:00	51.6	52.5	50.9
9-Dec-08	05:13:00	51.5	52.3	50.9
9-Dec-08	05:18:00	58.0	54.2	50.9
9-Dec-08	05:23:00	59.2	58.4	50.9
9-Dec-08	05:28:00	59.7	58.5	50.9
9-Dec-08	05:33:00	56.0	55.8	51.0
9-Dec-08	05:38:00	61.1	61.3	51.0
9-Dec-08	05:43:00	58.6	58.9	51.0
9-Dec-08	05:48:00	63.6	65.8	51.3
9-Dec-08	05:53:00	60.8	61.7	51.0
9-Dec-08	05:58:00	61.6	64.8	50.9
9-Dec-08	06:03:00	61.1	64.6	51.0
9-Dec-08	06:08:00	60.2	62.9	51.0
9-Dec-08	06:13:00	63.1	63.9	51.2
9-Dec-08	06:18:00	63.4	66.7	51.5
9-Dec-08	06:23:00	68.9	72.2	52.2
9-Dec-08	06:28:00	69.2	70.4	52.1
9-Dec-08	06:33:00	67.4	70.7	52.3
9-Dec-08	06:38:00	70.1	72.9	52.3
9-Dec-08	06:43:00	68.7	72.6	55.1
9-Dec-08	06:48:00	68.5	72.7	55.7
9-Dec-08	06:53:00	71.2	74.4	56.9
9-Dec-08	06:58:00	71.7	74.9	57.5
9-Dec-08	23:03:00	66.0	71.1	53.1
9-Dec-08	23:08:00	66.8	71.4	53.1
9-Dec-08	23:13:00	68.6	72.9	53.4
9-Dec-08	23:18:00	66.6	71.6	52.0
9-Dec-08	23:23:00	67.1	70.9	53.7
9-Dec-08	23:28:00	66.5	70.7	53.2
9-Dec-08	23:33:00	66.2	68.5	53.9
9-Dec-08	23:38:00	65.4	70.0	53.9
9-Dec-08	23:43:00	66.3	71.1	53.6
9-Dec-08	23:48:00	68.2	71.1	54.1
9-Dec-08	23:53:00	64.9	69.8	53.7
9-Dec-08	23:58:00	65.2	69.4	53.3
	Mean	63.3	66.4	52.0
	Maximum	71.7	74.9	57.5
	Minimum	51.1	51.7	50.3



## Appendix B4

### Night Time Noise Level at The Harbour View (NC10)

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
10-Dec-08	00:03:00	65.1	70.5	53.4
10-Dec-08	00:08:00	65.3	69.3	53.2
10-Dec-08	00:13:00	64.1	68.6	53.0
10-Dec-08	00:18:00	61.9	65.5	53.0
10-Dec-08	00:23:00	62.2	66.3	52.8
10-Dec-08	00:28:00	64.3	68.6	52.1
10-Dec-08	00:33:00	59.2	62.5	51.9
10-Dec-08	00:38:00	61.0	64.9	52.3
10-Dec-08	00:43:00	60.8	64.6	52.1
10-Dec-08	00:48:00	61.2	65.2	52.0
10-Dec-08	00:53:00	62.0	66.4	52.1
10-Dec-08	00:58:00	58.6	59.5	51.8
10-Dec-08	01:03:00	58.5	59.9	51.8
10-Dec-08	01:08:00	64.0	68.1	51.9
10-Dec-08	01:13:00	63.4	64.7	51.9
10-Dec-08	01:18:00	62.1	63.8	51.9
10-Dec-08	01:23:00	61.8	65.7	51.8
10-Dec-08	01:28:00	65.4	59.0	51.6
10-Dec-08	01:33:00	60.2	60.6	51.8
10-Dec-08	01:38:00	61.3	65.4	51.9
10-Dec-08	01:43:00	61.1	61.4	51.9
10-Dec-08	01:48:00	61.4	63.7	51.9
10-Dec-08	01:53:00	58.9	57.1	51.9
10-Dec-08	01:58:00	57.6	54.8	51.8
10-Dec-08	02:03:00	58.6	58.7	51.8
10-Dec-08	02:08:00	58.1	56.0	51.7
10-Dec-08	02:13:00	60.1	57.7	51.8
10-Dec-08	02:18:00	58.2	58.5	51.4
10-Dec-08	02:23:00	59.3	57.3	51.3
10-Dec-08	02:28:00	56.6	56.4	51.1
10-Dec-08	02:33:00	54.5	52.7	51.0
10-Dec-08	02:38:00	58.6	52.7	51.0
10-Dec-08	02:43:00	58.9	58.7	51.1
10-Dec-08	02:48:00	60.2	59.9	51.1
10-Dec-08	02:53:00	59.3	60.3	51.0
10-Dec-08	02:58:00	55.9	54.6	50.9
10-Dec-08	03:03:00	59.1	60.0	51.0
10-Dec-08	03:08:00	62.9	64.8	51.0
10-Dec-08	03:13:00	58.3	56.2	50.9
10-Dec-08	03:18:00	58.5	59.3	50.9
10-Dec-08	03:23:00	60.8	62.3	51.0
10-Dec-08	03:28:00	59.3	55.2	51.0
10-Dec-08	03:33:00	59.4	59.7	51.0
10-Dec-08	03:38:00	59.3	59.1	51.0
10-Dec-08	03:43:00	58.9	59.7	51.8
10-Dec-08	03:48:00	55.1	52.9	50.9
10-Dec-08	03:53:00	57.3	53.7	50.9
10-Dec-08	03:58:00	60.2	55.6	50.9
10-Dec-08	04:03:00	58.1	56.1	50.8
10-Dec-08	04:08:00	56.4	53.0	50.9
10-Dec-08	04:13:00	57.7	55.8	51.0

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
10-Dec-08	04:18:00	58.2	54.9	50.9
10-Dec-08	04:23:00	58.6	59.8	50.9
10-Dec-08	04:28:00	54.7	52.6	50.8
10-Dec-08	04:33:00	51.4	52.2	50.8
10-Dec-08	04:38:00	56.4	54.9	50.9
10-Dec-08	04:43:00	51.5	52.1	50.8
10-Dec-08	04:48:00	54.9	52.5	50.8
10-Dec-08	04:53:00	53.7	52.5	50.8
10-Dec-08	04:58:00	55.0	55.2	50.8
10-Dec-08	05:03:00	56.8	52.6	50.9
10-Dec-08	05:08:00	52.9	52.5	50.9
10-Dec-08	05:13:00	58.2	56.5	50.8
10-Dec-08	05:18:00	53.3	52.5	50.9
10-Dec-08	05:23:00	58.7	59.2	51.0
10-Dec-08	05:28:00	57.4	55.5	50.9
10-Dec-08	05:33:00	58.2	59.0	51.0
10-Dec-08	05:38:00	57.6	55.6	50.9
10-Dec-08	05:43:00	58.3	60.3	50.9
10-Dec-08	05:48:00	59.8	60.6	51.3
10-Dec-08	05:53:00	61.7	65.7	51.5
10-Dec-08	05:58:00	62.7	66.5	51.4
10-Dec-08	06:03:00	60.0	62.5	51.4
10-Dec-08	06:08:00	58.3	59.2	51.2
10-Dec-08	06:13:00	62.4	66.9	52.0
10-Dec-08	06:18:00	67.8	69.2	52.0
10-Dec-08	06:23:00	69.3	71.4	51.9
10-Dec-08	06:28:00	66.9	71.0	52.4
10-Dec-08	06:33:00	67.0	69.6	52.6
10-Dec-08	06:38:00	67.9	72.0	53.2
10-Dec-08	06:43:00	71.7	74.0	56.1
10-Dec-08	06:48:00	68.5	72.5	54.5
10-Dec-08	06:53:00	70.3	73.5	56.8
10-Dec-08	06:58:00	71.0	74.2	56.6
10-Dec-08	23:03:00	67.9	71.7	54.4
10-Dec-08	23:08:00	65.2	70.2	53.1
10-Dec-08	23:13:00	67.5	71.6	52.1
10-Dec-08	23:18:00	67.8	72.3	52.2
10-Dec-08	23:23:00	66.7	71.2	50.7
10-Dec-08	23:28:00	64.8	69.7	52.7
10-Dec-08	23:33:00	67.0	72.0	54.7
10-Dec-08	23:38:00	65.1	70.0	54.2
10-Dec-08	23:43:00	66.2	70.4	54.2
10-Dec-08	23:48:00	63.5	68.3	53.1
10-Dec-08	23:53:00	65.3	69.9	53.4
10-Dec-08	23:58:00	66.5	71.1	53.5
	Mean	63.3	66.5	52.1
	Maximum	71.7	74.2	56.8
	Minimum	51.4	52.1	50.7

## Appendix B4

### Night Time Noise Level at The Harbour View (NC10)

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
11-Dec-08	00:03:00	65.5	70.3	53.9
11-Dec-08	00:08:00	64.6	69.1	53.1
11-Dec-08	00:13:00	65.5	69.9	53.1
11-Dec-08	00:18:00	63.7	68.7	53.1
11-Dec-08	00:23:00	63.4	68.1	53.0
11-Dec-08	00:28:00	64.2	69.0	52.5
11-Dec-08	00:33:00	62.8	67.0	52.0
11-Dec-08	00:38:00	63.4	68.5	52.0
11-Dec-08	00:43:00	62.8	65.6	51.9
11-Dec-08	00:48:00	65.9	67.4	51.9
11-Dec-08	00:53:00	63.4	67.3	52.0
11-Dec-08	00:58:00	60.6	64.6	51.9
11-Dec-08	01:03:00	60.4	61.6	51.9
11-Dec-08	01:08:00	62.6	65.5	51.8
11-Dec-08	01:13:00	61.4	64.5	51.8
11-Dec-08	01:18:00	60.1	61.1	51.6
11-Dec-08	01:23:00	62.4	65.3	51.9
11-Dec-08	01:28:00	61.2	64.9	51.8
11-Dec-08	01:33:00	55.6	54.1	51.4
11-Dec-08	01:38:00	60.4	63.4	51.9
11-Dec-08	01:43:00	60.3	63.2	51.8
11-Dec-08	01:48:00	61.6	63.0	51.8
11-Dec-08	01:53:00	57.2	58.4	51.7
11-Dec-08	01:58:00	59.3	60.5	51.4
11-Dec-08	02:03:00	58.0	56.7	51.1
11-Dec-08	02:08:00	61.3	65.2	51.3
11-Dec-08	02:13:00	60.6	62.1	51.3
11-Dec-08	02:18:00	55.2	53.5	51.1
11-Dec-08	02:23:00	56.1	54.2	51.7
11-Dec-08	02:28:00	54.8	53.5	51.4
11-Dec-08	02:33:00	60.2	59.4	51.2
11-Dec-08	02:38:00	58.9	59.6	51.0
11-Dec-08	02:43:00	57.1	55.4	50.9
11-Dec-08	02:48:00	56.5	55.7	50.9
11-Dec-08	02:53:00	60.2	63.2	51.0
11-Dec-08	02:58:00	57.8	59.6	51.1
11-Dec-08	03:03:00	58.9	57.7	51.1
11-Dec-08	03:08:00	55.3	53.0	51.0
11-Dec-08	03:13:00	57.0	56.3	51.0
11-Dec-08	03:18:00	56.7	56.3	51.0
11-Dec-08	03:23:00	56.9	56.0	51.0
11-Dec-08	03:28:00	54.2	53.1	50.9
11-Dec-08	03:33:00	52.3	53.3	51.3
11-Dec-08	03:38:00	53.9	52.7	51.0
11-Dec-08	03:43:00	54.4	57.9	50.9
11-Dec-08	03:48:00	62.2	61.6	50.9
11-Dec-08	03:53:00	52.8	52.6	50.9
11-Dec-08	03:58:00	51.6	52.4	50.9
11-Dec-08	04:03:00	63.7	61.7	50.9
11-Dec-08	04:08:00	56.3	52.3	50.8
11-Dec-08	04:13:00	55.9	55.3	50.9

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
11-Dec-08	04:18:00	53.3	51.7	50.8
11-Dec-08	04:23:00	53.7	53.9	50.8
11-Dec-08	04:28:00	54.5	53.5	50.9
11-Dec-08	04:33:00	55.7	53.6	50.9
11-Dec-08	04:38:00	55.7	54.3	50.9
11-Dec-08	04:43:00	52.1	52.7	50.9
11-Dec-08	04:48:00	54.6	52.7	50.9
11-Dec-08	04:53:00	59.1	56.6	50.9
11-Dec-08	04:58:00	52.9	52.5	50.9
11-Dec-08	05:03:00	51.5	52.3	50.9
11-Dec-08	05:08:00	51.8	52.6	51.0
11-Dec-08	05:13:00	59.6	57.0	51.0
11-Dec-08	05:18:00	54.0	53.4	51.0
11-Dec-08	05:23:00	55.3	53.4	50.9
11-Dec-08	05:28:00	54.5	53.5	50.9
11-Dec-08	05:33:00	54.4	52.8	50.9
11-Dec-08	05:38:00	57.2	58.3	50.9
11-Dec-08	05:43:00	58.7	57.6	51.4
11-Dec-08	05:48:00	59.4	62.1	51.0
11-Dec-08	05:53:00	60.2	63.0	51.2
11-Dec-08	05:58:00	60.3	63.4	51.4
11-Dec-08	06:03:00	60.8	64.2	51.2
11-Dec-08	06:08:00	62.6	66.3	51.4
11-Dec-08	06:13:00	61.7	65.5	51.5
11-Dec-08	06:18:00	65.5	69.1	51.5
11-Dec-08	06:23:00	70.8	74.0	52.3
11-Dec-08	06:28:00	65.5	68.9	51.8
11-Dec-08	06:33:00	66.7	68.1	51.8
11-Dec-08	06:38:00	70.2	71.8	53.5
11-Dec-08	06:43:00	68.7	72.8	53.4
11-Dec-08	06:48:00	70.5	73.7	54.5
11-Dec-08	06:53:00	71.1	72.1	54.5
11-Dec-08	06:58:00	71.2	75.0	58.3
11-Dec-08	23:03:00	67.5	71.6	54.2
11-Dec-08	23:08:00	66.5	71.1	52.8
11-Dec-08	23:13:00	66.9	71.8	51.1
11-Dec-08	23:18:00	67.6	72.3	51.4
11-Dec-08	23:23:00	67.4	71.1	50.9
11-Dec-08	23:28:00	66.3	70.7	51.8
11-Dec-08	23:33:00	65.9	70.3	54.5
11-Dec-08	23:38:00	65.4	69.7	54.3
11-Dec-08	23:43:00	64.1	68.7	54.8
11-Dec-08	23:48:00	68.2	71.9	56.3
11-Dec-08	23:53:00	66.4	70.4	53.8
11-Dec-08	23:58:00	65.4	69.1	53.8
	Mean	63.4	66.6	52.1
	Maximum	71.2	75.0	58.3
	Minimum	51.5	51.7	50.8

## Appendix B4

### Night Time Noise Level at The Harbour View (NC10)

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
12-Dec-08	00:03:00	64.9	69.9	53.8
12-Dec-08	00:08:00	65.5	70.4	53.5
12-Dec-08	00:13:00	66.5	70.8	53.1
12-Dec-08	00:18:00	63.9	68.7	53.1
12-Dec-08	00:23:00	63.8	68.0	52.9
12-Dec-08	00:28:00	65.0	70.1	52.2
12-Dec-08	00:33:00	62.0	66.4	52.0
12-Dec-08	00:38:00	64.4	68.9	52.0
12-Dec-08	00:43:00	60.5	63.2	51.8
12-Dec-08	00:48:00	64.5	68.5	51.8
12-Dec-08	00:53:00	61.5	65.0	51.6
12-Dec-08	00:58:00	58.8	60.9	51.2
12-Dec-08	01:03:00	62.2	66.4	51.8
12-Dec-08	01:08:00	60.5	61.4	51.5
12-Dec-08	01:13:00	57.7	58.0	51.5
12-Dec-08	01:18:00	61.8	65.6	51.5
12-Dec-08	01:23:00	61.6	64.3	51.6
12-Dec-08	01:28:00	63.3	62.0	51.1
12-Dec-08	01:33:00	64.1	67.8	51.5
Noise Level at T	01:38:00	61.9	62.8	51.4
12-Dec-08	01:43:00	61.2	64.3	51.4
12-Dec-08	01:48:00	60.8	61.2	51.4
12-Dec-08	01:53:00	59.0	59.9	51.2
12-Dec-08	01:58:00	60.1	63.5	51.4
12-Dec-08	02:03:00	60.5	63.1	51.9
12-Dec-08	02:08:00	61.1	54.2	50.9
12-Dec-08	02:13:00	58.5	56.5	51.0
12-Dec-08	02:18:00	58.2	60.6	51.2
12-Dec-08	02:23:00	57.6	56.6	51.1
12-Dec-08	02:28:00	61.1	54.2	50.9
12-Dec-08	02:33:00	57.4	54.1	51.0
12-Dec-08	02:38:00	61.0	61.8	51.0
12-Dec-08	02:43:00	54.1	52.6	50.9
12-Dec-08	02:48:00	60.0	62.5	51.0
12-Dec-08	02:53:00	58.9	57.6	50.9
12-Dec-08	02:58:00	58.2	59.8	51.3
12-Dec-08	03:03:00	62.2	60.3	50.9
12-Dec-08	03:08:00	56.7	52.5	50.8
12-Dec-08	03:13:00	57.2	53.4	50.8
12-Dec-08	03:18:00	59.2	58.8	50.9
12-Dec-08	03:23:00	57.7	56.2	50.9
12-Dec-08	03:28:00	53.6	52.4	50.8
12-Dec-08	03:33:00	58.2	56.9	50.8
12-Dec-08	03:38:00	58.4	59.2	50.8
12-Dec-08	03:43:00	55.8	52.9	50.8
12-Dec-08	03:48:00	59.7	59.5	50.8
12-Dec-08	03:53:00	54.5	52.7	50.8
12-Dec-08	03:58:00	59.7	62.3	50.9
12-Dec-08	04:03:00	53.8	52.4	50.8
12-Dec-08	04:08:00	58.2	59.0	50.9
12-Dec-08	04:13:00	58.6	54.8	50.8

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
12-Dec-08	04:18:00	58.2	60.6	51.0
12-Dec-08	04:23:00	57.4	55.5	50.9
12-Dec-08	04:28:00	56.9	58.2	50.8
12-Dec-08	04:33:00	63.9	52.6	50.8
12-Dec-08	04:38:00	61.6	53.5	50.7
12-Dec-08	04:43:00	52.1	53.7	50.8
12-Dec-08	04:48:00	55.2	52.8	50.8
12-Dec-08	04:53:00	56.3	53.1	50.6
12-Dec-08	04:58:00	57.8	54.5	51.0
12-Dec-08	05:03:00	55.9	52.6	50.8
12-Dec-08	05:08:00	57.0	55.5	50.9
12-Dec-08	05:13:00	59.1	52.7	50.8
12-Dec-08	05:18:00	59.5	60.6	50.8
12-Dec-08	05:23:00	59.6	60.2	50.9
12-Dec-08	05:28:00	56.4	54.7	50.8
12-Dec-08	05:33:00	54.3	53.5	50.8
12-Dec-08	05:38:00	58.8	58.2	50.8
12-Dec-08	05:43:00	58.9	57.1	50.9
12-Dec-08	05:48:00	61.9	65.1	51.2
12-Dec-08	05:53:00	59.9	62.5	51.2
12-Dec-08	05:58:00	61.1	64.2	51.1
12-Dec-08	06:03:00	61.9	64.8	51.7
12-Dec-08	06:08:00	61.8	65.8	52.0
12-Dec-08	06:13:00	62.1	66.4	52.1
12-Dec-08	06:18:00	64.6	66.1	51.9
12-Dec-08	06:23:00	67.5	69.9	52.2
12-Dec-08	06:28:00	68.8	72.2	53.6
12-Dec-08	06:33:00	68.5	71.3	52.8
12-Dec-08	06:38:00	68.0	71.3	53.6
12-Dec-08	06:43:00	69.4	72.7	54.4
12-Dec-08	06:48:00	69.7	73.3	57.3
12-Dec-08	06:53:00	69.1	73.0	55.8
12-Dec-08	06:58:00	71.3	74.4	59.8
12-Dec-08	23:03:00	68.5	72.6	53.5
12-Dec-08	23:08:00	67.3	72.1	53.8
12-Dec-08	23:13:00	68.7	72.9	51.3
12-Dec-08	23:18:00	69.9	73.1	54.0
12-Dec-08	23:23:00	68.0	71.9	53.6
12-Dec-08	23:28:00	69.5	73.1	56.7
12-Dec-08	23:33:00	68.9	72.4	57.5
12-Dec-08	23:38:00	69.7	73.4	55.8
12-Dec-08	23:43:00	67.5	71.7	55.2
12-Dec-08	23:48:00	67.5	71.9	54.7
12-Dec-08	23:53:00	66.3	70.5	54.7
12-Dec-08	23:58:00	64.2	69.0	53.8
	Mean	63.9	67.2	52.5
	Maximum	71.3	74.4	59.8
	Minimum	52.1	52.4	50.6

## Appendix B4

### Night Time Noise Level at The Harbour View (NC10)

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
13-Dec-08	00:03:00	67.7	71.7	55.5
13-Dec-08	00:08:00	64.1	68.9	53.9
13-Dec-08	00:13:00	67.6	72.0	53.8
13-Dec-08	00:18:00	66.6	71.3	54.1
13-Dec-08	00:23:00	64.3	69.3	52.9
13-Dec-08	00:28:00	65.4	70.3	52.5
13-Dec-08	00:33:00	65.1	69.7	52.1
13-Dec-08	00:38:00	63.7	68.6	52.0
13-Dec-08	00:43:00	66.7	71.2	52.5
13-Dec-08	00:48:00	64.0	68.1	51.8
13-Dec-08	00:53:00	68.5	71.3	52.2
13-Dec-08	00:58:00	65.5	70.4	52.0
13-Dec-08	01:03:00	65.7	68.4	52.1
13-Dec-08	01:08:00	63.9	69.2	51.8
13-Dec-08	01:13:00	64.4	69.7	51.8
13-Dec-08	01:18:00	62.6	67.4	51.9
13-Dec-08	01:23:00	64.3	69.3	51.9
13-Dec-08	01:28:00	62.3	63.5	51.4
13-Dec-08	01:33:00	63.8	68.3	51.8
13-Dec-08	01:38:00	61.4	65.3	51.8
13-Dec-08	01:43:00	62.8	68.0	51.9
13-Dec-08	01:48:00	63.5	68.4	52.1
13-Dec-08	01:53:00	62.7	67.0	52.3
13-Dec-08	01:58:00	64.7	67.8	52.2
13-Dec-08	02:03:00	63.2	65.8	51.8
13-Dec-08	02:08:00	62.4	67.6	51.8
13-Dec-08	02:13:00	59.9	60.8	51.5
13-Dec-08	02:18:00	66.5	70.1	52.1
13-Dec-08	02:23:00	60.8	64.6	51.4
13-Dec-08	02:28:00	61.2	65.4	51.7
13-Dec-08	02:33:00	64.5	68.2	51.2
13-Dec-08	02:38:00	60.0	61.2	51.0
13-Dec-08	02:43:00	59.5	60.9	51.0
13-Dec-08	02:48:00	58.3	60.2	51.0
13-Dec-08	02:53:00	60.7	63.6	51.3
13-Dec-08	02:58:00	58.4	57.5	51.1
13-Dec-08	03:03:00	60.5	64.3	51.1
13-Dec-08	03:08:00	62.7	67.1	51.1
13-Dec-08	03:13:00	68.3	67.2	51.1
13-Dec-08	03:18:00	57.8	56.6	51.0
13-Dec-08	03:23:00	57.5	58.1	51.1
13-Dec-08	03:28:00	58.8	59.0	50.9
13-Dec-08	03:33:00	62.2	65.8	51.0
13-Dec-08	03:38:00	59.6	55.4	50.8
13-Dec-08	03:43:00	65.5	58.6	50.9
13-Dec-08	03:48:00	59.6	59.6	50.8
13-Dec-08	03:53:00	61.4	62.5	50.9
13-Dec-08	03:58:00	54.5	52.4	50.8
13-Dec-08	04:03:00	60.0	60.3	50.9
13-Dec-08	04:08:00	55.2	53.0	50.8
13-Dec-08	04:13:00	61.1	62.9	50.8

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
13-Dec-08	04:18:00	58.2	57.4	50.8
13-Dec-08	04:23:00	60.4	57.2	50.8
13-Dec-08	04:28:00	57.9	59.3	50.8
13-Dec-08	04:33:00	55.5	53.6	50.8
13-Dec-08	04:38:00	59.2	59.6	50.9
13-Dec-08	04:43:00	53.3	52.4	50.8
13-Dec-08	04:48:00	58.9	60.8	50.9
13-Dec-08	04:53:00	61.0	63.5	50.9
13-Dec-08	04:58:00	60.4	64.2	51.0
13-Dec-08	05:03:00	59.0	58.5	50.9
13-Dec-08	05:08:00	57.9	58.6	50.8
13-Dec-08	05:13:00	55.9	55.9	50.6
13-Dec-08	05:18:00	57.7	58.4	50.8
13-Dec-08	05:23:00	60.9	60.0	51.0
13-Dec-08	05:28:00	58.1	58.6	51.3
13-Dec-08	05:33:00	63.5	66.4	51.1
13-Dec-08	05:38:00	56.9	57.2	50.9
13-Dec-08	05:43:00	58.0	58.2	51.0
13-Dec-08	05:48:00	55.8	55.1	50.9
13-Dec-08	05:53:00	58.9	60.6	50.9
13-Dec-08	05:58:00	67.6	67.9	51.1
13-Dec-08	06:03:00	58.1	58.8	50.9
13-Dec-08	06:08:00	62.5	66.6	51.1
13-Dec-08	06:13:00	63.4	67.7	51.5
13-Dec-08	06:18:00	62.8	64.3	51.0
13-Dec-08	06:23:00	68.5	70.6	51.1
13-Dec-08	06:28:00	62.4	65.8	51.1
13-Dec-08	06:33:00	60.9	65.3	51.4
13-Dec-08	06:38:00	69.2	73.0	51.8
13-Dec-08	06:43:00	65.9	69.3	52.1
13-Dec-08	06:48:00	66.8	70.2	51.9
13-Dec-08	06:53:00	68.4	70.4	52.9
13-Dec-08	06:58:00	66.9	70.4	54.1
13-Dec-08	23:03:00	70.0	73.3	56.6
13-Dec-08	23:08:00	70.8	73.2	56.0
13-Dec-08	23:13:00	69.6	72.1	52.5
13-Dec-08	23:18:00	68.6	72.7	55.5
13-Dec-08	23:23:00	69.3	72.9	53.1
13-Dec-08	23:28:00	66.3	70.7	54.7
13-Dec-08	23:33:00	67.5	71.7	55.3
13-Dec-08	23:38:00	65.2	70.4	54.2
13-Dec-08	23:43:00	67.6	71.9	54.2
13-Dec-08	23:48:00	66.2	70.8	54.3
13-Dec-08	23:53:00	66.4	71.0	54.6
13-Dec-08	23:58:00	66.0	70.4	54.0
	Mean	64.4	67.8	52.2
	Maximum	70.8	73.3	56.6
	Minimum	53.3	52.4	50.6

## Appendix B4

### Night Time Noise Level at The Harbour View (NC10)

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
14-Dec-08	00:03:00	67.5	71.4	54.5
14-Dec-08	00:08:00	67.6	71.8	54.1
14-Dec-08	00:13:00	66.3	70.7	54.1
14-Dec-08	00:18:00	65.1	70.1	53.9
14-Dec-08	00:23:00	63.9	69.3	52.8
14-Dec-08	00:28:00	65.4	70.0	52.2
14-Dec-08	00:33:00	66.0	70.4	53.1
14-Dec-08	00:38:00	65.0	70.1	52.4
14-Dec-08	00:43:00	65.5	70.1	52.4
14-Dec-08	00:48:00	66.6	71.1	52.8
14-Dec-08	00:53:00	65.5	70.6	52.2
14-Dec-08	00:58:00	66.1	70.7	53.3
14-Dec-08	01:03:00	65.0	70.0	52.6
14-Dec-08	01:08:00	63.2	68.3	51.9
14-Dec-08	01:13:00	65.6	68.8	51.8
14-Dec-08	01:18:00	63.0	66.7	52.3
14-Dec-08	01:23:00	65.5	69.7	52.5
14-Dec-08	01:28:00	63.8	68.1	52.1
14-Dec-08	01:33:00	63.6	67.1	51.8
14-Dec-08	01:38:00	62.4	66.1	52.0
14-Dec-08	01:43:00	63.6	68.9	51.9
14-Dec-08	01:48:00	62.1	66.3	51.4
14-Dec-08	01:53:00	61.6	65.6	51.8
14-Dec-08	01:58:00	63.2	68.3	51.8
14-Dec-08	02:03:00	62.7	66.8	52.0
14-Dec-08	02:08:00	60.7	63.9	51.6
14-Dec-08	02:13:00	60.2	63.0	51.4
14-Dec-08	02:18:00	66.5	66.2	51.8
14-Dec-08	02:23:00	64.7	69.0	51.8
14-Dec-08	02:28:00	62.8	67.6	51.8
14-Dec-08	02:33:00	60.2	63.5	51.5
14-Dec-08	02:38:00	60.2	63.5	51.1
14-Dec-08	02:43:00	59.7	52.7	50.9
14-Dec-08	02:48:00	59.8	62.8	51.0
14-Dec-08	02:53:00	63.3	62.8	51.3
14-Dec-08	02:58:00	61.4	64.3	51.8
14-Dec-08	03:03:00	62.3	65.0	51.5
14-Dec-08	03:08:00	63.5	66.1	51.0
14-Dec-08	03:13:00	61.8	65.8	51.0
14-Dec-08	03:18:00	60.9	61.6	51.0
14-Dec-08	03:23:00	59.5	62.0	51.0
14-Dec-08	03:28:00	59.3	61.2	50.9
14-Dec-08	03:33:00	59.7	61.9	51.0
14-Dec-08	03:38:00	59.8	63.0	50.9
14-Dec-08	03:43:00	58.8	57.5	51.0
14-Dec-08	03:48:00	59.8	60.7	50.9
14-Dec-08	03:53:00	59.5	63.7	51.1
14-Dec-08	03:58:00	61.8	63.5	51.0
14-Dec-08	04:03:00	58.7	59.7	50.9
14-Dec-08	04:08:00	58.4	59.8	50.9
14-Dec-08	04:13:00	57.1	55.8	50.9

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
14-Dec-08	04:18:00	56.0	54.2	50.8
14-Dec-08	04:23:00	58.9	58.7	50.9
14-Dec-08	04:28:00	57.9	56.4	50.8
14-Dec-08	04:33:00	63.6	64.0	50.9
14-Dec-08	04:38:00	59.4	61.4	51.0
14-Dec-08	04:43:00	57.2	57.4	51.2
14-Dec-08	04:48:00	56.6	56.0	50.9
14-Dec-08	04:53:00	61.2	59.9	50.9
14-Dec-08	04:58:00	62.7	56.2	50.9
14-Dec-08	05:03:00	55.1	53.2	50.8
14-Dec-08	05:08:00	58.6	59.1	50.8
14-Dec-08	05:13:00	57.7	57.0	50.8
14-Dec-08	05:18:00	58.8	59.5	50.9
14-Dec-08	05:23:00	59.7	60.9	50.9
14-Dec-08	05:28:00	58.0	56.1	50.9
14-Dec-08	05:33:00	61.8	64.5	50.9
14-Dec-08	05:38:00	63.0	58.8	50.8
14-Dec-08	05:43:00	59.6	59.3	50.9
14-Dec-08	05:48:00	60.3	61.0	50.9
14-Dec-08	05:53:00	60.9	63.1	51.0
14-Dec-08	05:58:00	58.6	59.0	51.0
14-Dec-08	06:03:00	60.5	63.4	51.1
14-Dec-08	06:08:00	63.4	64.8	51.1
14-Dec-08	06:13:00	59.6	61.9	51.1
14-Dec-08	06:18:00	62.7	65.5	51.2
14-Dec-08	06:23:00	67.0	66.8	51.2
14-Dec-08	06:28:00	62.4	64.2	51.2
14-Dec-08	06:33:00	63.7	68.4	51.5
14-Dec-08	06:38:00	66.8	67.4	51.3
14-Dec-08	06:43:00	67.1	70.2	52.1
14-Dec-08	06:48:00	65.9	69.5	52.1
14-Dec-08	06:53:00	63.7	67.2	52.0
14-Dec-08	06:58:00	67.6	69.5	53.1
14-Dec-08	23:03:00	65.5	70.0	52.4
14-Dec-08	23:08:00	64.7	69.4	51.0
14-Dec-08	23:13:00	67.8	71.8	50.0
14-Dec-08	23:18:00	67.1	70.7	50.0
14-Dec-08	23:23:00	67.2	71.6	50.5
14-Dec-08	23:28:00	65.8	69.9	53.4
14-Dec-08	23:33:00	65.8	70.3	53.3
14-Dec-08	23:38:00	64.7	69.1	53.2
14-Dec-08	23:43:00	63.1	66.6	53.0
14-Dec-08	23:48:00	65.3	70.7	53.4
14-Dec-08	23:53:00	71.9	69.1	53.0
14-Dec-08	23:58:00	62.3	67.0	52.9
	Mean	63.7	67.0	51.8
	Maximum	71.9	71.8	54.5
	Minimum	55.1	52.7	50.0

## Appendix B4

### Night Time Noise Level at The Harbour View (NC10)

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
15-Dec-08	00:03:00	68.7	69.0	53.1
15-Dec-08	00:08:00	64.6	68.7	53.3
15-Dec-08	00:13:00	72.8	71.4	53.9
15-Dec-08	00:18:00	69.9	67.6	52.9
15-Dec-08	00:23:00	61.6	64.6	52.0
15-Dec-08	00:28:00	63.0	67.4	51.9
15-Dec-08	00:33:00	66.4	69.1	51.9
15-Dec-08	00:38:00	59.9	61.3	51.9
15-Dec-08	00:43:00	61.0	63.7	51.4
15-Dec-08	00:48:00	59.0	59.2	51.4
15-Dec-08	00:53:00	59.3	61.4	51.3
15-Dec-08	00:58:00	57.4	56.9	51.4
15-Dec-08	01:03:00	58.2	56.3	51.1
15-Dec-08	01:08:00	61.0	63.7	51.2
15-Dec-08	01:13:00	57.3	54.0	51.0
15-Dec-08	01:18:00	62.9	65.7	51.2
15-Dec-08	01:23:00	57.8	57.0	51.4
15-Dec-08	01:28:00	62.3	65.4	51.3
15-Dec-08	01:33:00	59.5	62.1	51.4
15-Dec-08	01:38:00	54.8	52.7	50.9
15-Dec-08	01:43:00	62.0	63.3	51.2
15-Dec-08	01:48:00	55.7	52.9	50.9
15-Dec-08	01:53:00	55.6	54.0	51.0
15-Dec-08	01:58:00	58.4	56.2	51.0
15-Dec-08	02:03:00	54.3	52.7	50.9
15-Dec-08	02:08:00	54.1	52.6	50.9
15-Dec-08	02:13:00	51.6	52.5	50.9
15-Dec-08	02:18:00	55.5	53.0	50.9
15-Dec-08	02:23:00	59.3	60.7	50.9
15-Dec-08	02:28:00	57.1	55.0	50.9
15-Dec-08	02:33:00	55.9	53.0	50.8
15-Dec-08	02:38:00	57.2	55.8	50.8
15-Dec-08	02:43:00	53.8	52.4	50.8
15-Dec-08	02:48:00	54.9	52.9	50.8
15-Dec-08	02:53:00	54.7	52.7	50.8
15-Dec-08	02:58:00	58.5	52.5	50.8
15-Dec-08	03:03:00	55.3	52.7	50.8
15-Dec-08	03:08:00	57.8	56.7	51.0
15-Dec-08	03:13:00	56.9	53.7	50.8
15-Dec-08	03:18:00	58.3	53.8	50.8
15-Dec-08	03:23:00	56.1	56.6	50.8
15-Dec-08	03:28:00	51.2	51.7	50.5
15-Dec-08	03:33:00	57.2	54.8	50.4
15-Dec-08	03:38:00	51.4	52.4	50.7
15-Dec-08	03:43:00	58.3	56.3	50.7
15-Dec-08	03:48:00	56.6	53.4	50.8
15-Dec-08	03:53:00	51.2	51.7	50.6
15-Dec-08	03:58:00	55.0	52.4	50.4
15-Dec-08	04:03:00	51.2	51.7	50.4
15-Dec-08	04:08:00	51.4	52.2	50.6
15-Dec-08	04:13:00	54.3	52.6	50.8

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
15-Dec-08	04:18:00	54.8	52.4	50.8
15-Dec-08	04:23:00	55.0	52.6	50.8
15-Dec-08	04:28:00	54.9	52.9	50.7
15-Dec-08	04:33:00	53.8	52.5	50.6
15-Dec-08	04:38:00	51.8	52.7	50.6
15-Dec-08	04:43:00	52.9	52.5	50.8
15-Dec-08	04:48:00	58.8	55.6	50.8
15-Dec-08	04:53:00	56.4	53.1	50.6
15-Dec-08	04:58:00	53.6	52.6	50.6
15-Dec-08	05:03:00	54.6	52.3	50.8
15-Dec-08	05:08:00	54.9	52.7	50.8
15-Dec-08	05:13:00	61.1	63.2	50.8
15-Dec-08	05:18:00	55.8	54.3	50.8
15-Dec-08	05:23:00	54.8	52.5	50.8
15-Dec-08	05:28:00	58.3	58.2	50.9
15-Dec-08	05:33:00	60.5	62.3	51.0
15-Dec-08	05:38:00	59.6	60.6	50.9
15-Dec-08	05:43:00	60.2	62.8	50.9
15-Dec-08	05:48:00	57.6	58.9	50.9
15-Dec-08	05:53:00	60.3	62.9	51.0
15-Dec-08	05:58:00	58.6	59.5	51.0
15-Dec-08	06:03:00	60.4	62.8	51.8
15-Dec-08	06:08:00	64.5	68.3	51.4
15-Dec-08	06:13:00	60.9	63.6	51.1
15-Dec-08	06:18:00	69.9	72.4	51.8
15-Dec-08	06:23:00	67.0	70.1	51.7
15-Dec-08	06:28:00	67.8	70.6	52.3
15-Dec-08	06:33:00	64.8	69.9	52.1
15-Dec-08	06:38:00	67.0	71.2	54.2
15-Dec-08	06:43:00	69.7	73.1	53.5
15-Dec-08	06:48:00	69.1	72.6	55.3
15-Dec-08	06:53:00	69.2	73.0	55.2
15-Dec-08	06:58:00	73.0	75.9	59.1
15-Dec-08	23:03:00	68.4	72.5	54.5
15-Dec-08	23:08:00	67.0	71.7	53.8
15-Dec-08	23:13:00	67.5	71.4	51.0
15-Dec-08	23:18:00	65.7	70.5	50.7
15-Dec-08	23:23:00	66.6	71.0	51.2
15-Dec-08	23:28:00	65.9	70.6	53.6
15-Dec-08	23:33:00	67.5	71.8	53.9
15-Dec-08	23:38:00	64.1	69.0	53.5
15-Dec-08	23:43:00	64.9	68.4	53.0
15-Dec-08	23:48:00	67.4	72.3	54.4
15-Dec-08	23:53:00	64.0	69.3	53.2
15-Dec-08	23:58:00	67.8	70.4	53.1
	Mean	63.6	66.3	51.9
	Maximum	73.0	75.9	59.1
	Minimum	51.2	51.7	50.4

## Appendix B4

### Night Time Noise Level at The Harbour View (NC10)

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
16-Dec-08	00:03:00	63.3	66.5	53.0
16-Dec-08	00:08:00	66.4	70.7	53.4
16-Dec-08	00:13:00	66.3	69.3	53.4
16-Dec-08	00:18:00	65.5	70.3	54.1
16-Dec-08	00:23:00	61.9	66.0	52.8
16-Dec-08	00:28:00	67.7	68.4	52.1
16-Dec-08	00:33:00	58.9	59.8	51.9
16-Dec-08	00:38:00	62.6	66.9	52.0
16-Dec-08	00:43:00	59.6	61.1	52.0
16-Dec-08	00:48:00	63.0	65.3	52.5
16-Dec-08	00:53:00	63.2	65.4	52.4
16-Dec-08	00:58:00	60.1	63.4	51.9
16-Dec-08	01:03:00	60.6	63.3	51.9
16-Dec-08	01:08:00	61.7	66.3	51.9
16-Dec-08	01:13:00	57.5	57.0	51.8
16-Dec-08	01:18:00	61.8	63.0	51.9
16-Dec-08	01:23:00	55.9	53.8	51.3
16-Dec-08	01:28:00	55.7	54.4	51.8
16-Dec-08	01:33:00	60.7	58.9	51.9
16-Dec-08	01:38:00	58.5	58.6	51.9
16-Dec-08	01:43:00	59.0	59.0	51.8
16-Dec-08	01:48:00	62.0	65.5	52.0
16-Dec-08	01:53:00	58.4	59.7	51.9
16-Dec-08	01:58:00	58.5	57.5	51.8
16-Dec-08	02:03:00	60.4	64.4	51.8
16-Dec-08	02:08:00	60.2	61.6	51.5
16-Dec-08	02:13:00	60.5	61.8	51.4
16-Dec-08	02:18:00	67.9	67.9	51.7
16-Dec-08	02:23:00	54.3	53.4	51.3
16-Dec-08	02:28:00	55.8	53.7	51.0
16-Dec-08	02:33:00	56.3	56.3	51.0
16-Dec-08	02:38:00	57.1	56.2	51.0
16-Dec-08	02:43:00	58.1	56.8	50.9
16-Dec-08	02:48:00	58.3	57.2	50.9
16-Dec-08	02:53:00	56.8	53.5	50.9
16-Dec-08	02:58:00	52.6	52.6	50.9
16-Dec-08	03:03:00	53.9	52.6	50.9
16-Dec-08	03:08:00	59.5	58.7	50.9
16-Dec-08	03:13:00	53.3	52.6	50.9
16-Dec-08	03:18:00	57.6	55.3	51.0
16-Dec-08	03:23:00	58.3	59.5	51.0
16-Dec-08	03:28:00	56.4	55.2	50.9
16-Dec-08	03:33:00	53.8	52.4	50.8
16-Dec-08	03:38:00	54.7	52.6	50.9
16-Dec-08	03:43:00	55.4	54.0	50.9
16-Dec-08	03:48:00	57.2	53.7	50.9
16-Dec-08	03:53:00	55.0	53.0	51.0
16-Dec-08	03:58:00	55.4	53.0	50.8
16-Dec-08	04:03:00	54.4	52.3	50.8
16-Dec-08	04:08:00	55.1	52.7	50.8
16-Dec-08	04:13:00	53.9	54.0	50.9

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
16-Dec-08	04:18:00	55.1	52.7	50.8
16-Dec-08	04:23:00	55.9	54.7	50.8
16-Dec-08	04:28:00	51.4	52.1	50.8
16-Dec-08	04:33:00	51.5	52.2	50.8
16-Dec-08	04:38:00	56.0	53.6	50.8
16-Dec-08	04:43:00	51.3	51.8	50.8
16-Dec-08	04:48:00	51.3	52.1	50.8
16-Dec-08	04:53:00	53.1	52.3	50.8
16-Dec-08	04:58:00	55.9	52.7	50.8
16-Dec-08	05:03:00	57.6	53.6	50.9
16-Dec-08	05:08:00	55.9	53.6	50.9
16-Dec-08	05:13:00	55.9	52.6	50.8
16-Dec-08	05:18:00	56.4	53.6	51.1
16-Dec-08	05:23:00	57.5	57.3	51.0
16-Dec-08	05:28:00	58.6	54.5	50.9
16-Dec-08	05:33:00	56.1	55.2	51.0
16-Dec-08	05:38:00	59.0	60.4	50.9
16-Dec-08	05:43:00	56.7	55.5	51.0
16-Dec-08	05:48:00	60.3	62.7	51.0
16-Dec-08	05:53:00	60.6	63.3	51.2
16-Dec-08	05:58:00	58.0	60.3	51.1
16-Dec-08	06:03:00	62.0	64.9	51.3
16-Dec-08	06:08:00	63.3	66.5	51.8
16-Dec-08	06:13:00	62.0	64.8	51.9
16-Dec-08	06:18:00	68.7	71.4	52.3
16-Dec-08	06:23:00	68.7	72.0	52.3
16-Dec-08	06:28:00	68.2	70.0	52.1
16-Dec-08	06:33:00	66.5	70.4	52.7
16-Dec-08	06:38:00	65.9	70.5	52.9
16-Dec-08	06:43:00	70.2	73.5	53.6
16-Dec-08	06:48:00	71.8	74.5	53.6
16-Dec-08	06:53:00	66.0	70.8	53.7
16-Dec-08	06:58:00	72.5	75.9	58.9
16-Dec-08	23:03:00	67.2	70.9	53.2
16-Dec-08	23:08:00	66.2	70.9	54.1
16-Dec-08	23:13:00	68.0	71.6	51.2
16-Dec-08	23:18:00	66.7	71.4	51.1
16-Dec-08	23:23:00	67.3	71.4	51.3
16-Dec-08	23:28:00	67.2	72.1	54.8
16-Dec-08	23:33:00	67.9	72.0	54.8
16-Dec-08	23:38:00	65.9	70.4	54.1
16-Dec-08	23:43:00	67.5	72.2	53.5
16-Dec-08	23:48:00	69.7	71.3	53.4
16-Dec-08	23:53:00	64.7	68.9	53.1
16-Dec-08	23:58:00	64.5	66.6	52.9
	Mean	63.5	66.6	52.1
	Maximum	72.5	75.9	58.9
	Minimum	51.3	51.8	50.8

## Appendix B4

### Night Time Noise Level at The Harbour View (NC10)

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
17-Dec-08	00:03:00	70.3	71.3	53.1
17-Dec-08	00:08:00	65.3	70.9	53.3
17-Dec-08	00:13:00	66.8	70.7	53.4
17-Dec-08	00:18:00	65.4	68.4	53.2
17-Dec-08	00:23:00	63.4	68.7	52.3
17-Dec-08	00:28:00	64.7	68.8	52.1
17-Dec-08	00:33:00	60.8	64.2	51.9
17-Dec-08	00:38:00	61.7	66.2	51.9
17-Dec-08	00:43:00	59.3	61.6	52.0
17-Dec-08	00:48:00	61.6	64.3	51.9
17-Dec-08	00:53:00	62.6	67.5	51.9
17-Dec-08	00:58:00	60.7	64.6	51.9
17-Dec-08	01:03:00	61.5	62.1	51.8
17-Dec-08	01:08:00	62.4	62.8	51.8
17-Dec-08	01:13:00	61.5	65.3	51.9
17-Dec-08	01:18:00	60.9	61.9	51.9
17-Dec-08	01:23:00	59.7	62.3	51.8
17-Dec-08	01:28:00	68.9	55.4	51.9
17-Dec-08	01:33:00	59.6	62.0	51.8
17-Dec-08	01:38:00	58.8	61.6	51.8
17-Dec-08	01:43:00	62.7	63.1	51.8
17-Dec-08	01:48:00	59.0	59.5	51.9
17-Dec-08	01:53:00	57.0	57.6	51.8
17-Dec-08	01:58:00	65.0	61.9	51.8
17-Dec-08	02:03:00	60.6	62.8	51.6
17-Dec-08	02:08:00	60.9	62.6	51.6
17-Dec-08	02:13:00	55.8	53.4	51.1
17-Dec-08	02:18:00	58.1	59.9	51.3
17-Dec-08	02:23:00	57.6	56.1	51.0
17-Dec-08	02:28:00	56.8	57.5	51.1
17-Dec-08	02:33:00	56.3	53.8	51.0
17-Dec-08	02:38:00	56.5	54.3	51.0
17-Dec-08	02:43:00	56.7	53.1	51.0
17-Dec-08	02:48:00	61.3	60.6	51.1
17-Dec-08	02:53:00	55.9	53.7	51.0
17-Dec-08	02:58:00	58.6	58.4	50.9
17-Dec-08	03:03:00	56.8	54.7	50.9
17-Dec-08	03:08:00	53.5	52.6	50.9
17-Dec-08	03:13:00	59.4	59.7	50.9
17-Dec-08	03:18:00	57.2	57.4	50.9
17-Dec-08	03:23:00	56.3	53.8	50.9
17-Dec-08	03:28:00	58.5	53.6	50.8
17-Dec-08	03:33:00	51.3	52.0	50.8
17-Dec-08	03:38:00	58.0	59.1	50.9
17-Dec-08	03:43:00	58.1	55.2	50.8
17-Dec-08	03:48:00	58.6	62.3	50.9
17-Dec-08	03:53:00	58.1	55.8	50.8
17-Dec-08	03:58:00	55.0	52.8	50.8
17-Dec-08	04:03:00	58.7	57.9	50.9
17-Dec-08	04:08:00	56.8	53.9	50.8
17-Dec-08	04:13:00	51.4	52.1	50.8

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
17-Dec-08	04:18:00	58.1	57.8	50.9
17-Dec-08	04:23:00	57.3	52.7	50.9
17-Dec-08	04:28:00	59.9	57.2	50.8
17-Dec-08	04:33:00	55.7	53.3	50.8
17-Dec-08	04:38:00	56.0	53.0	50.8
17-Dec-08	04:43:00	58.5	58.7	50.9
17-Dec-08	04:48:00	57.4	54.9	50.8
17-Dec-08	04:53:00	60.1	62.0	50.9
17-Dec-08	04:58:00	51.5	52.3	50.8
17-Dec-08	05:03:00	54.3	52.5	50.8
17-Dec-08	05:08:00	51.4	52.1	50.8
17-Dec-08	05:13:00	64.2	59.7	50.9
17-Dec-08	05:18:00	60.9	55.1	51.0
17-Dec-08	05:23:00	58.9	60.9	51.0
17-Dec-08	05:28:00	55.6	55.0	50.9
17-Dec-08	05:33:00	59.7	63.0	50.9
17-Dec-08	05:38:00	56.8	55.3	51.0
17-Dec-08	05:43:00	59.8	62.2	51.2
17-Dec-08	05:48:00	61.0	64.4	51.1
17-Dec-08	05:53:00	62.1	66.9	51.1
17-Dec-08	05:58:00	60.3	62.4	51.2
17-Dec-08	06:03:00	62.9	66.9	51.8
17-Dec-08	06:08:00	62.6	67.4	51.8
17-Dec-08	06:13:00	64.1	66.4	52.8
17-Dec-08	06:18:00	66.6	69.0	52.2
17-Dec-08	06:23:00	69.1	72.8	52.4
17-Dec-08	06:28:00	68.2	70.6	52.4
17-Dec-08	06:33:00	65.6	69.9	52.6
17-Dec-08	06:38:00	67.5	71.6	53.5
17-Dec-08	06:43:00	72.7	75.8	54.1
17-Dec-08	06:48:00	72.0	72.1	53.8
17-Dec-08	06:53:00	69.7	72.6	55.5
17-Dec-08	06:58:00	72.3	75.8	57.6
17-Dec-08	23:03:00	67.5	72.1	53.7
17-Dec-08	23:08:00	67.1	71.4	53.5
17-Dec-08	23:13:00	67.3	71.8	54.3
17-Dec-08	23:18:00	67.0	71.4	51.9
17-Dec-08	23:23:00	67.6	71.9	50.4
17-Dec-08	23:28:00	66.3	70.5	54.1
17-Dec-08	23:33:00	67.0	71.7	55.4
17-Dec-08	23:38:00	66.1	70.7	54.0
17-Dec-08	23:43:00	63.6	68.1	53.3
17-Dec-08	23:48:00	65.1	70.2	53.3
17-Dec-08	23:53:00	65.7	69.8	53.1
17-Dec-08	23:58:00	63.2	67.9	53.0
	Mean	63.9	66.9	52.1
	Maximum	72.7	75.8	57.6
	Minimum	51.3	52.0	50.4



## Appendix B4

### Night Time Noise Level at The Harbour View (NC10)

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
18-Dec-08	00:03:00	65.5	69.1	53.3
18-Dec-08	00:08:00	68.6	69.9	53.9
18-Dec-08	00:13:00	65.0	68.5	53.0
18-Dec-08	00:18:00	61.6	65.1	52.9
18-Dec-08	00:23:00	64.9	69.0	53.3
18-Dec-08	00:28:00	64.1	68.9	52.2
18-Dec-08	00:33:00	64.2	69.0	52.1
18-Dec-08	00:38:00	62.1	66.2	52.0
18-Dec-08	00:43:00	63.3	66.7	51.9
18-Dec-08	00:48:00	65.0	69.5	52.5
18-Dec-08	00:53:00	62.8	66.2	51.9
18-Dec-08	00:58:00	61.4	64.5	51.9
18-Dec-08	01:03:00	60.6	62.0	51.8
18-Dec-08	01:08:00	62.0	66.2	52.0
18-Dec-08	01:13:00	64.4	67.8	51.9
18-Dec-08	01:18:00	61.2	64.5	51.8
18-Dec-08	01:23:00	75.7	69.5	52.1
18-Dec-08	01:28:00	65.4	63.9	51.9
18-Dec-08	01:33:00	60.4	63.9	52.0
18-Dec-08	01:38:00	63.8	61.9	51.9
18-Dec-08	01:43:00	58.8	60.0	51.9
18-Dec-08	01:48:00	62.1	62.4	51.9
18-Dec-08	01:53:00	59.9	61.9	51.8
18-Dec-08	01:58:00	60.8	63.1	51.8
18-Dec-08	02:03:00	62.4	66.0	52.0
18-Dec-08	02:08:00	61.8	65.6	52.2
18-Dec-08	02:13:00	60.9	62.7	52.0
18-Dec-08	02:18:00	60.8	64.3	52.0
18-Dec-08	02:23:00	59.3	60.4	51.8
18-Dec-08	02:28:00	57.9	58.4	51.3
18-Dec-08	02:33:00	59.6	62.9	51.4
18-Dec-08	02:38:00	54.7	53.5	51.1
18-Dec-08	02:43:00	57.9	57.4	51.1
18-Dec-08	02:48:00	58.7	59.0	51.2
18-Dec-08	02:53:00	59.0	60.2	51.1
18-Dec-08	02:58:00	58.1	58.6	51.0
18-Dec-08	03:03:00	59.4	59.4	51.0
18-Dec-08	03:08:00	53.2	52.7	50.9
18-Dec-08	03:13:00	57.2	55.6	51.0
18-Dec-08	03:18:00	54.4	52.7	50.9
18-Dec-08	03:23:00	55.1	53.7	50.9
18-Dec-08	03:28:00	58.0	58.9	50.9
18-Dec-08	03:33:00	59.9	61.6	50.9
18-Dec-08	03:38:00	54.7	52.7	50.9
18-Dec-08	03:43:00	55.1	53.4	50.9
Day Noise Level	03:48:00	58.5	58.6	50.9
18-Dec-08	03:53:00	55.9	52.7	50.9
18-Dec-08	03:58:00	58.5	58.6	50.9
18-Dec-08	04:03:00	56.6	56.8	50.9
18-Dec-08	04:08:00	57.4	54.4	50.9
18-Dec-08	04:13:00	56.6	53.3	50.9

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
18-Dec-08	04:18:00	56.1	53.0	50.9
18-Dec-08	04:23:00	59.8	58.2	50.9
18-Dec-08	04:28:00	58.0	56.6	50.9
18-Dec-08	04:33:00	56.9	53.7	50.9
18-Dec-08	04:38:00	62.6	62.6	51.0
18-Dec-08	04:43:00	61.1	58.6	51.1
18-Dec-08	04:48:00	54.7	52.8	50.9
18-Dec-08	04:53:00	58.0	57.1	50.9
18-Dec-08	04:58:00	53.6	52.7	51.0
18-Dec-08	05:03:00	56.7	57.0	50.9
18-Dec-08	05:08:00	61.4	54.8	50.9
18-Dec-08	05:13:00	54.2	52.7	51.0
18-Dec-08	05:18:00	53.2	52.7	51.1
18-Dec-08	05:23:00	61.4	56.7	51.8
18-Dec-08	05:28:00	58.9	59.1	51.8
18-Dec-08	05:33:00	61.5	59.3	51.0
18-Dec-08	05:38:00	59.1	60.9	51.1
18-Dec-08	05:43:00	53.7	52.7	50.9
18-Dec-08	05:48:00	59.1	62.0	51.1
18-Dec-08	05:53:00	60.0	62.0	51.2
18-Dec-08	05:58:00	62.4	66.2	51.8
18-Dec-08	06:03:00	58.6	59.9	51.4
18-Dec-08	06:08:00	60.7	62.4	51.7
18-Dec-08	06:13:00	62.5	65.2	51.9
18-Dec-08	06:18:00	66.3	70.1	52.3
18-Dec-08	06:23:00	68.3	71.2	53.1
18-Dec-08	06:28:00	67.2	68.3	52.4
18-Dec-08	06:33:00	65.8	69.9	53.1
18-Dec-08	06:38:00	67.1	70.2	52.9
18-Dec-08	06:43:00	69.4	72.8	55.0
18-Dec-08	06:48:00	71.9	74.5	54.7
18-Dec-08	06:53:00	68.9	73.3	56.0
18-Dec-08	06:58:00	72.6	76.5	58.7
18-Dec-08	23:03:00	66.6	70.5	55.1
18-Dec-08	23:08:00	66.6	70.9	54.0
18-Dec-08	23:13:00	68.4	71.7	55.0
18-Dec-08	23:18:00	66.6	70.7	53.1
18-Dec-08	23:23:00	67.1	71.6	52.8
18-Dec-08	23:28:00	66.4	71.1	55.2
18-Dec-08	23:33:00	67.2	71.0	55.6
18-Dec-08	23:38:00	65.6	70.5	54.7
18-Dec-08	23:43:00	65.0	69.8	54.0
18-Dec-08	23:48:00	66.2	70.2	55.8
18-Dec-08	23:53:00	67.8	70.7	54.7
18-Dec-08	23:58:00	64.5	69.2	54.0
	Mean	64.3	66.9	52.5
	Maximum	75.7	76.5	58.7
	Minimum	53.2	52.7	50.9

## Appendix B4

### Night Time Noise Level at The Harbour View (NC10)

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
19-Dec-08	00:03:00	67.9	71.2	54.1
19-Dec-08	00:08:00	65.7	70.1	54.1
19-Dec-08	00:13:00	64.7	69.1	54.1
19-Dec-08	00:18:00	64.9	70.2	54.3
19-Dec-08	00:23:00	63.6	68.2	52.8
19-Dec-08	00:28:00	67.5	72.2	53.1
19-Dec-08	00:33:00	70.5	68.2	53.2
19-Dec-08	00:38:00	64.3	68.4	52.8
19-Dec-08	00:43:00	61.6	64.3	52.2
19-Dec-08	00:48:00	62.7	67.8	52.5
19-Dec-08	00:53:00	60.4	62.8	52.0
19-Dec-08	00:58:00	59.7	60.6	52.0
19-Dec-08	01:03:00	62.8	67.2	51.9
19-Dec-08	01:08:00	62.7	67.0	52.0
19-Dec-08	01:13:00	59.7	63.0	51.9
19-Dec-08	01:18:00	62.9	67.7	52.1
19-Dec-08	01:23:00	55.5	55.9	51.9
19-Dec-08	01:28:00	60.9	65.3	52.1
19-Dec-08	01:33:00	61.1	64.5	51.9
19-Dec-08	01:38:00	63.3	67.1	52.8
19-Dec-08	01:43:00	58.8	59.5	52.0
19-Dec-08	01:48:00	60.8	63.9	51.8
19-Dec-08	01:53:00	61.2	65.3	52.5
19-Dec-08	01:58:00	59.1	61.0	52.1
19-Dec-08	02:03:00	56.3	55.3	51.5
19-Dec-08	02:08:00	57.3	56.9	51.8
19-Dec-08	02:13:00	59.6	60.9	51.6
19-Dec-08	02:18:00	59.0	60.8	51.8
19-Dec-08	02:23:00	58.7	60.1	51.8
19-Dec-08	02:28:00	57.9	58.8	51.6
19-Dec-08	02:33:00	56.3	55.2	51.1
19-Dec-08	02:38:00	58.9	56.0	51.5
19-Dec-08	02:43:00	55.7	54.0	51.1
19-Dec-08	02:48:00	58.0	56.0	51.2
19-Dec-08	02:53:00	57.8	58.9	51.3
19-Dec-08	02:58:00	55.2	53.3	51.0
19-Dec-08	03:03:00	61.0	64.4	51.2
19-Dec-08	03:08:00	58.1	57.2	51.0
19-Dec-08	03:13:00	62.5	64.5	51.1
19-Dec-08	03:18:00	56.5	57.2	51.0
19-Dec-08	03:23:00	59.8	62.2	50.9
19-Dec-08	03:28:00	56.5	53.3	50.8
19-Dec-08	03:33:00	60.3	62.3	50.9
19-Dec-08	03:38:00	57.1	58.4	50.9
19-Dec-08	03:43:00	58.4	59.4	51.0
19-Dec-08	03:48:00	60.2	61.1	51.7
19-Dec-08	03:53:00	61.3	64.3	51.1
19-Dec-08	03:58:00	58.6	56.2	51.0
19-Dec-08	04:03:00	56.1	54.2	50.9
19-Dec-08	04:08:00	59.7	59.6	51.2
19-Dec-08	04:13:00	56.4	56.5	51.1

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
19-Dec-08	04:18:00	54.2	53.2	51.0
19-Dec-08	04:23:00	58.1	57.5	50.9
19-Dec-08	04:28:00	59.8	59.8	51.1
19-Dec-08	04:33:00	55.2	53.5	51.0
19-Dec-08	04:38:00	54.9	54.2	51.1
19-Dec-08	04:43:00	57.8	56.5	51.0
19-Dec-08	04:48:00	54.5	54.2	51.1
19-Dec-08	04:53:00	55.1	55.0	51.0
19-Dec-08	04:58:00	59.0	57.0	51.1
19-Dec-08	05:03:00	57.7	54.7	51.3
19-Dec-08	05:08:00	58.1	55.7	51.1
19-Dec-08	05:13:00	58.0	54.3	51.1
19-Dec-08	05:18:00	61.7	63.0	51.3
19-Dec-08	05:23:00	58.0	58.5	51.0
19-Dec-08	05:28:00	56.8	56.2	51.0
19-Dec-08	05:33:00	58.7	61.3	51.1
19-Dec-08	05:38:00	53.8	52.7	50.9
19-Dec-08	05:43:00	59.2	61.2	51.0
19-Dec-08	05:48:00	56.4	56.8	51.1
19-Dec-08	05:53:00	60.4	61.8	51.2
19-Dec-08	05:58:00	64.8	68.8	51.8
19-Dec-08	06:03:00	60.6	62.8	51.7
19-Dec-08	06:08:00	61.3	63.8	51.9
19-Dec-08	06:13:00	62.6	66.9	51.4
19-Dec-08	06:18:00	66.5	70.6	51.9
19-Dec-08	06:23:00	68.4	71.0	52.1
19-Dec-08	06:28:00	67.8	70.1	52.1
19-Dec-08	06:33:00	65.6	69.8	52.2
19-Dec-08	06:38:00	66.2	71.2	53.2
19-Dec-08	06:43:00	71.3	73.7	54.1
19-Dec-08	06:48:00	70.2	73.2	55.4
19-Dec-08	06:53:00	67.6	71.9	54.4
19-Dec-08	06:58:00	72.2	75.4	58.5
19-Dec-08	23:03:00	68.7	73.0	55.7
19-Dec-08	23:08:00	67.5	72.2	54.4
19-Dec-08	23:13:00	67.8	71.7	53.0
19-Dec-08	23:18:00	67.4	72.0	52.9
19-Dec-08	23:23:00	66.4	70.7	52.0
19-Dec-08	23:28:00	67.8	72.1	54.5
19-Dec-08	23:33:00	67.1	70.8	54.5
19-Dec-08	23:38:00	67.0	71.6	55.2
19-Dec-08	23:43:00	66.4	71.4	54.1
19-Dec-08	23:48:00	67.5	71.3	55.8
19-Dec-08	23:53:00	68.1	71.8	55.3
19-Dec-08	23:58:00	66.1	71.2	54.0
	Mean	63.9	67.3	52.5
	Maximum	72.2	75.4	58.5
	Minimum	53.8	52.7	50.8

## Appendix B4

### Night Time Noise Level at The Harbour View (NC10)

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
20-Dec-08	00:03:00	67.0	71.5	54.9
20-Dec-08	00:08:00	65.4	68.8	53.8
20-Dec-08	00:13:00	64.0	68.1	53.7
20-Dec-08	00:18:00	64.8	69.8	54.2
20-Dec-08	00:23:00	67.4	71.5	53.7
20-Dec-08	00:28:00	64.5	69.7	52.4
20-Dec-08	00:33:00	64.2	68.9	52.3
20-Dec-08	00:38:00	63.6	68.6	52.2
20-Dec-08	00:43:00	63.8	65.8	52.0
20-Dec-08	00:48:00	66.7	69.2	52.5
20-Dec-08	00:53:00	62.7	67.2	51.9
20-Dec-08	00:58:00	64.2	69.3	52.1
20-Dec-08	01:03:00	62.9	66.7	51.9
20-Dec-08	01:08:00	63.4	67.8	52.0
20-Dec-08	01:13:00	64.4	69.4	52.4
20-Dec-08	01:18:00	64.1	68.5	52.1
20-Dec-08	01:23:00	62.6	66.9	52.0
20-Dec-08	01:28:00	62.9	67.4	52.0
20-Dec-08	01:33:00	62.6	67.0	52.0
20-Dec-08	01:38:00	58.2	58.6	51.8
20-Dec-08	01:43:00	64.2	67.8	51.9
20-Dec-08	01:48:00	63.0	65.5	52.0
20-Dec-08	01:53:00	65.2	68.8	52.0
20-Dec-08	01:58:00	64.2	68.4	52.2
20-Dec-08	02:03:00	62.6	66.1	51.8
20-Dec-08	02:08:00	62.7	66.9	51.8
20-Dec-08	02:13:00	62.1	65.8	51.9
20-Dec-08	02:18:00	60.8	63.1	51.8
20-Dec-08	02:23:00	58.9	61.0	51.9
20-Dec-08	02:28:00	58.0	57.5	51.7
20-Dec-08	02:33:00	62.2	66.1	51.9
20-Dec-08	02:38:00	62.0	65.8	51.8
20-Dec-08	02:43:00	56.5	56.7	51.6
20-Dec-08	02:48:00	62.2	65.5	51.9
20-Dec-08	02:53:00	61.7	63.9	51.8
20-Dec-08	02:58:00	62.7	66.5	51.8
20-Dec-08	03:03:00	61.3	65.1	51.8
20-Dec-08	03:08:00	61.7	65.8	51.9
20-Dec-08	03:13:00	61.5	64.3	51.2
20-Dec-08	03:18:00	60.1	60.9	51.1
20-Dec-08	03:23:00	61.3	63.5	51.2
20-Dec-08	03:28:00	59.6	61.1	51.0
20-Dec-08	03:33:00	60.5	64.5	51.0
20-Dec-08	03:38:00	57.5	56.4	50.9
20-Dec-08	03:43:00	60.3	61.7	51.0
20-Dec-08	03:48:00	61.6	65.1	51.2
20-Dec-08	03:53:00	59.6	61.8	51.1
20-Dec-08	03:58:00	69.5	68.4	51.1
20-Dec-08	04:03:00	59.0	60.8	51.0
20-Dec-08	04:08:00	59.7	61.4	51.1
20-Dec-08	04:13:00	59.5	61.9	51.2

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
20-Dec-08	04:18:00	52.9	52.7	50.9
20-Dec-08	04:23:00	55.6	55.3	50.9
20-Dec-08	04:28:00	56.0	53.2	50.9
20-Dec-08	04:33:00	58.2	59.0	50.9
20-Dec-08	04:38:00	62.5	60.2	50.9
20-Dec-08	04:43:00	57.7	58.1	51.0
20-Dec-08	04:48:00	57.7	56.6	50.9
20-Dec-08	04:53:00	57.7	55.2	50.9
20-Dec-08	04:58:00	57.9	54.3	50.9
20-Dec-08	05:03:00	59.6	61.0	51.0
20-Dec-08	05:08:00	59.9	62.2	51.1
20-Dec-08	05:13:00	61.1	59.0	51.2
20-Dec-08	05:18:00	61.9	64.6	51.4
20-Dec-08	05:23:00	58.5	58.4	51.0
20-Dec-08	05:28:00	57.5	56.0	50.9
20-Dec-08	05:33:00	57.9	55.9	51.0
20-Dec-08	05:38:00	60.6	64.4	52.0
20-Dec-08	05:43:00	58.9	61.0	51.0
20-Dec-08	05:48:00	61.5	64.9	51.1
20-Dec-08	05:53:00	62.6	66.4	51.1
20-Dec-08	05:58:00	60.5	63.6	51.7
20-Dec-08	06:03:00	59.4	62.6	51.3
20-Dec-08	06:08:00	63.2	66.0	51.3
20-Dec-08	06:13:00	62.2	65.0	51.9
20-Dec-08	06:18:00	59.1	60.5	51.8
20-Dec-08	06:23:00	67.8	71.5	52.4
20-Dec-08	06:28:00	67.5	70.3	52.2
20-Dec-08	06:33:00	64.8	69.2	52.1
20-Dec-08	06:38:00	66.6	69.2	53.2
20-Dec-08	06:43:00	66.9	69.6	52.3
20-Dec-08	06:48:00	68.1	70.9	52.9
20-Dec-08	06:53:00	64.6	67.8	52.9
20-Dec-08	06:58:00	65.7	69.1	53.8
20-Dec-08	23:03:00	67.3	71.3	54.6
20-Dec-08	23:08:00	68.4	72.8	53.0
20-Dec-08	23:13:00	67.5	71.7	52.8
20-Dec-08	23:18:00	66.3	70.8	53.2
20-Dec-08	23:23:00	68.1	71.2	54.9
20-Dec-08	23:28:00	66.6	71.4	54.8
20-Dec-08	23:33:00	68.6	72.5	55.3
20-Dec-08	23:38:00	69.5	73.0	55.0
20-Dec-08	23:43:00	66.9	71.5	54.3
20-Dec-08	23:48:00	67.9	72.0	55.3
20-Dec-08	23:53:00	68.4	71.9	54.9
20-Dec-08	23:58:00	64.7	69.7	54.1
	Mean	63.9	67.4	52.3
	Maximum	69.5	73.0	55.3
	Minimum	52.9	52.7	50.9

## Appendix B4

### Night Time Noise Level at The Harbour View (NC10)

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
21-Dec-08	00:03:00	66.9	70.2	54.0
21-Dec-08	00:08:00	64.8	69.7	54.1
21-Dec-08	00:13:00	66.3	71.0	54.1
21-Dec-08	00:18:00	66.7	70.9	54.3
21-Dec-08	00:23:00	63.3	68.1	53.1
21-Dec-08	00:28:00	65.1	70.1	52.2
21-Dec-08	00:33:00	66.9	69.2	52.3
21-Dec-08	00:38:00	63.0	67.7	52.4
21-Dec-08	00:43:00	64.9	69.8	52.4
21-Dec-08	00:48:00	64.0	68.9	52.4
21-Dec-08	00:53:00	63.6	68.6	52.4
21-Dec-08	00:58:00	65.0	69.9	52.4
21-Dec-08	01:03:00	62.4	66.8	52.2
21-Dec-08	01:08:00	67.1	69.1	52.1
21-Dec-08	01:13:00	61.6	65.7	52.0
21-Dec-08	01:18:00	60.9	64.4	52.0
21-Dec-08	01:23:00	61.8	65.7	52.1
21-Dec-08	01:28:00	62.6	66.9	52.0
21-Dec-08	01:33:00	65.9	66.9	52.4
21-Dec-08	01:38:00	62.8	63.0	52.4
21-Dec-08	01:43:00	65.3	70.3	52.2
21-Dec-08	01:48:00	62.6	66.5	52.0
21-Dec-08	01:53:00	60.7	63.6	51.8
21-Dec-08	01:58:00	61.9	65.8	51.9
21-Dec-08	02:03:00	61.0	62.4	51.7
21-Dec-08	02:08:00	62.6	66.8	52.0
21-Dec-08	02:13:00	57.2	57.1	51.8
21-Dec-08	02:18:00	58.9	59.1	51.8
21-Dec-08	02:23:00	61.7	66.1	51.9
21-Dec-08	02:28:00	57.3	58.5	51.8
21-Dec-08	02:33:00	67.5	68.9	51.9
21-Dec-08	02:38:00	61.1	64.6	51.8
21-Dec-08	02:43:00	58.0	59.4	51.3
21-Dec-08	02:48:00	59.6	62.7	51.5
21-Dec-08	02:53:00	58.9	60.5	51.7
21-Dec-08	02:58:00	60.1	59.9	51.1
21-Dec-08	03:03:00	57.2	55.8	51.1
21-Dec-08	03:08:00	58.3	59.8	51.1
21-Dec-08	03:13:00	61.0	64.4	51.3
21-Dec-08	03:18:00	62.8	61.6	51.0
21-Dec-08	03:23:00	61.0	65.0	51.2
21-Dec-08	03:28:00	59.3	59.4	51.0
21-Dec-08	03:33:00	61.5	64.4	51.2
21-Dec-08	03:38:00	59.6	61.5	51.0
21-Dec-08	03:43:00	55.8	55.2	51.2
21-Dec-08	03:48:00	59.8	61.4	51.3
21-Dec-08	03:53:00	58.5	57.7	51.0
21-Dec-08	03:58:00	60.0	61.3	50.9
21-Dec-08	04:03:00	62.6	65.1	51.3
21-Dec-08	04:08:00	58.7	59.1	51.4
21-Dec-08	04:13:00	65.1	68.5	51.1

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
21-Dec-08	04:18:00	59.6	57.4	51.2
21-Dec-08	04:23:00	59.8	59.1	51.0
21-Dec-08	04:28:00	59.4	60.8	51.0
21-Dec-08	04:33:00	58.6	61.5	51.0
21-Dec-08	04:38:00	56.2	52.7	51.0
21-Dec-08	04:43:00	59.7	62.3	51.2
21-Dec-08	04:48:00	62.9	62.7	51.1
21-Dec-08	04:53:00	58.9	60.4	51.1
21-Dec-08	04:58:00	59.1	59.3	51.0
21-Dec-08	05:03:00	60.8	61.3	51.1
21-Dec-08	05:08:00	55.9	54.7	51.1
21-Dec-08	05:13:00	57.6	58.0	51.4
21-Dec-08	05:18:00	59.5	61.6	51.6
21-Dec-08	05:23:00	60.2	63.1	51.4
21-Dec-08	05:28:00	62.3	62.1	51.1
21-Dec-08	05:33:00	59.3	60.7	51.0
21-Dec-08	05:38:00	57.6	55.8	50.9
21-Dec-08	05:43:00	59.1	60.2	51.1
21-Dec-08	05:48:00	60.5	62.6	51.2
21-Dec-08	05:53:00	58.7	58.3	51.1
21-Dec-08	05:58:00	56.6	56.7	51.2
21-Dec-08	06:03:00	61.5	64.5	51.8
21-Dec-08	06:08:00	64.4	68.6	51.8
21-Dec-08	06:13:00	62.7	66.3	51.8
21-Dec-08	06:18:00	68.2	71.6	52.1
21-Dec-08	06:23:00	65.8	66.2	51.8
21-Dec-08	06:28:00	64.7	67.3	52.0
21-Dec-08	06:33:00	67.4	70.9	52.0
21-Dec-08	06:38:00	68.5	72.2	52.9
21-Dec-08	06:43:00	68.4	68.4	52.3
21-Dec-08	06:48:00	66.1	70.0	53.0
21-Dec-08	06:53:00	67.0	70.4	53.3
21-Dec-08	06:58:00	65.8	69.7	54.3
21-Dec-08	23:03:00	67.4	70.6	52.8
21-Dec-08	23:08:00	67.9	72.3	52.5
21-Dec-08	23:13:00	66.8	71.5	50.9
21-Dec-08	23:18:00	66.1	71.3	50.1
21-Dec-08	23:23:00	67.2	71.6	52.7
21-Dec-08	23:28:00	65.8	70.5	53.9
21-Dec-08	23:33:00	66.5	71.2	53.5
21-Dec-08	23:38:00	65.5	70.6	53.2
21-Dec-08	23:43:00	66.9	70.6	53.5
21-Dec-08	23:48:00	67.5	70.1	53.1
21-Dec-08	23:53:00	66.8	71.0	53.7
21-Dec-08	23:58:00	63.5	68.2	52.8
	Mean	63.7	67.1	52.0
	Maximum	68.5	72.3	54.3
	Minimum	55.8	52.7	50.1

## Appendix B4

### Night Time Noise Level at The Harbour View (NC10)

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
22-Dec-08	00:03:00	68.1	72.0	53.4
22-Dec-08	00:08:00	62.2	66.5	52.8
22-Dec-08	00:13:00	66.7	70.5	53.0
22-Dec-08	00:18:00	64.9	69.5	52.7
22-Dec-08	00:23:00	64.6	69.3	52.3
22-Dec-08	00:28:00	68.4	71.7	52.8
22-Dec-08	00:33:00	63.1	67.1	52.2
22-Dec-08	00:38:00	62.2	66.1	52.3
22-Dec-08	00:43:00	61.3	64.8	52.1
22-Dec-08	00:48:00	61.5	65.2	51.9
22-Dec-08	00:53:00	62.4	66.2	51.9
22-Dec-08	00:58:00	60.2	64.1	52.0
22-Dec-08	01:03:00	65.2	69.1	52.0
22-Dec-08	01:08:00	62.1	65.9	51.9
22-Dec-08	01:13:00	63.5	66.6	51.8
22-Dec-08	01:18:00	61.7	65.6	51.8
22-Dec-08	01:23:00	64.3	68.3	52.1
22-Dec-08	01:28:00	59.1	58.1	51.8
22-Dec-08	01:33:00	61.6	62.6	51.8
22-Dec-08	01:38:00	61.8	65.4	52.0
22-Dec-08	01:43:00	59.4	61.6	51.8
22-Dec-08	01:48:00	58.2	59.2	51.8
22-Dec-08	01:53:00	63.4	66.0	52.0
22-Dec-08	01:58:00	54.3	53.2	51.8
22-Dec-08	02:03:00	60.6	62.0	51.8
22-Dec-08	02:08:00	64.3	65.3	51.7
22-Dec-08	02:13:00	60.8	61.8	51.8
22-Dec-08	02:18:00	58.8	59.6	51.8
22-Dec-08	02:23:00	54.5	53.5	51.4
22-Dec-08	02:28:00	60.3	62.4	51.4
22-Dec-08	02:33:00	55.3	53.7	51.3
22-Dec-08	02:38:00	55.0	53.3	51.2
22-Dec-08	02:43:00	58.3	56.5	51.2
22-Dec-08	02:48:00	59.0	59.4	51.7
22-Dec-08	02:53:00	57.9	56.2	51.3
22-Dec-08	02:58:00	59.1	57.0	51.5
22-Dec-08	03:03:00	54.4	53.4	51.8
22-Dec-08	03:08:00	61.6	62.8	51.4
22-Dec-08	03:13:00	58.9	58.5	51.0
22-Dec-08	03:18:00	60.7	57.1	51.0
22-Dec-08	03:23:00	52.0	52.7	51.0
22-Dec-08	03:28:00	60.2	59.0	50.9
22-Dec-08	03:33:00	59.0	54.4	50.9
22-Dec-08	03:38:00	59.1	58.9	50.9
22-Dec-08	03:43:00	57.8	56.6	50.9
22-Dec-08	03:48:00	57.2	55.9	51.1
22-Dec-08	03:53:00	56.1	53.7	51.2
22-Dec-08	03:58:00	51.6	52.4	50.9
22-Dec-08	04:03:00	55.6	53.3	50.9
22-Dec-08	04:08:00	51.7	52.5	50.9
22-Dec-08	04:13:00	55.4	53.5	51.0

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
22-Dec-08	04:18:00	51.7	52.5	50.9
22-Dec-08	04:23:00	54.6	52.7	50.9
22-Dec-08	04:28:00	56.2	53.0	50.9
22-Dec-08	04:33:00	57.2	53.0	50.9
22-Dec-08	04:38:00	56.4	53.7	51.0
22-Dec-08	04:43:00	56.8	55.3	51.2
22-Dec-08	04:48:00	53.4	52.6	50.9
22-Dec-08	04:53:00	54.7	53.0	50.9
22-Dec-08	04:58:00	53.6	52.7	51.0
22-Dec-08	05:03:00	55.4	54.8	51.1
22-Dec-08	05:08:00	51.8	52.6	50.9
22-Dec-08	05:13:00	51.7	52.6	50.9
22-Dec-08	05:18:00	58.0	58.8	51.2
22-Dec-08	05:23:00	54.6	52.7	50.9
22-Dec-08	05:28:00	57.1	56.5	51.2
22-Dec-08	05:33:00	59.0	61.6	51.3
22-Dec-08	05:38:00	54.1	52.9	51.1
22-Dec-08	05:43:00	59.5	61.5	51.2
22-Dec-08	05:48:00	56.7	57.1	51.3
22-Dec-08	05:53:00	60.7	62.1	51.4
22-Dec-08	05:58:00	65.1	69.1	52.0
22-Dec-08	06:03:00	60.9	63.1	51.9
22-Dec-08	06:08:00	61.6	64.1	52.1
22-Dec-08	06:13:00	62.9	67.2	51.6
22-Dec-08	06:18:00	66.8	70.9	52.1
22-Dec-08	06:23:00	68.7	71.3	52.3
22-Dec-08	06:28:00	68.1	70.4	52.3
22-Dec-08	06:33:00	65.9	70.1	52.4
22-Dec-08	06:38:00	66.5	71.5	53.5
22-Dec-08	06:43:00	71.6	74.0	54.4
22-Dec-08	06:48:00	70.5	73.5	55.7
22-Dec-08	06:53:00	67.9	72.2	54.7
22-Dec-08	06:58:00	72.5	75.8	58.8
22-Dec-08	23:03:00	67.5	71.8	54.3
22-Dec-08	23:08:00	67.6	71.7	53.9
22-Dec-08	23:13:00	67.4	71.7	51.6
22-Dec-08	23:18:00	65.2	70.1	51.5
22-Dec-08	23:23:00	67.4	71.3	52.5
22-Dec-08	23:28:00	65.2	70.1	50.3
22-Dec-08	23:33:00	65.1	69.8	53.7
22-Dec-08	23:38:00	64.3	69.3	53.1
22-Dec-08	23:43:00	67.7	72.0	53.2
22-Dec-08	23:48:00	64.2	69.4	53.0
22-Dec-08	23:53:00	65.6	70.4	53.1
22-Dec-08	23:58:00	64.7	69.4	52.5
	Mean	63.6	67.0	52.1
	Maximum	72.5	75.8	58.8
	Minimum	51.6	52.4	50.3

Summary of Night Time Noise Level at Harbour View (NC10)			
	Leq	L10	L90
Mean	63.8	66.9	52.1
Max	75.7	76.5	59.8
Min	51.1	51.7	50.0

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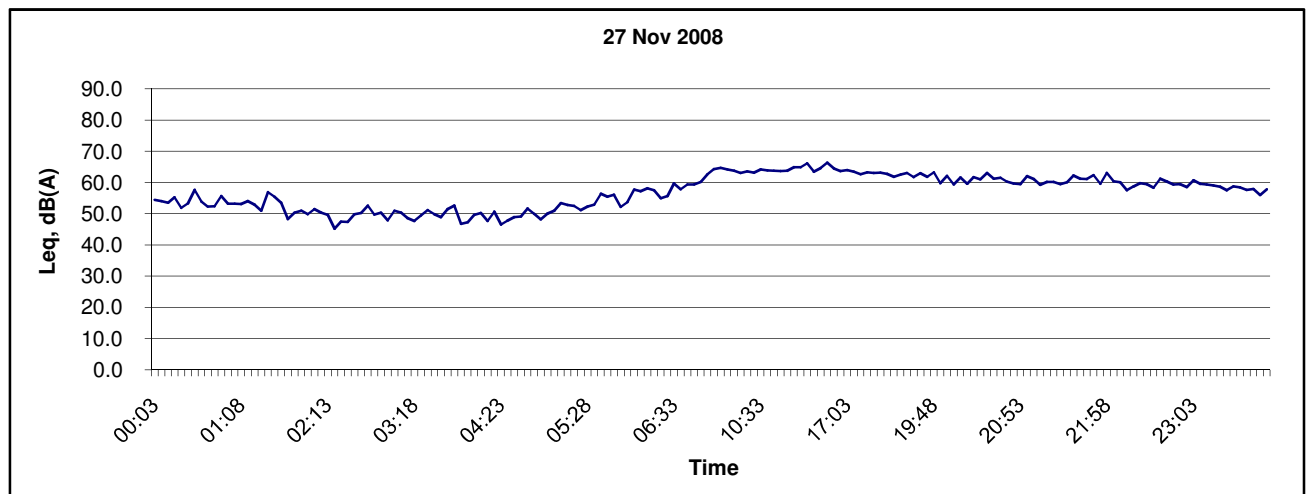
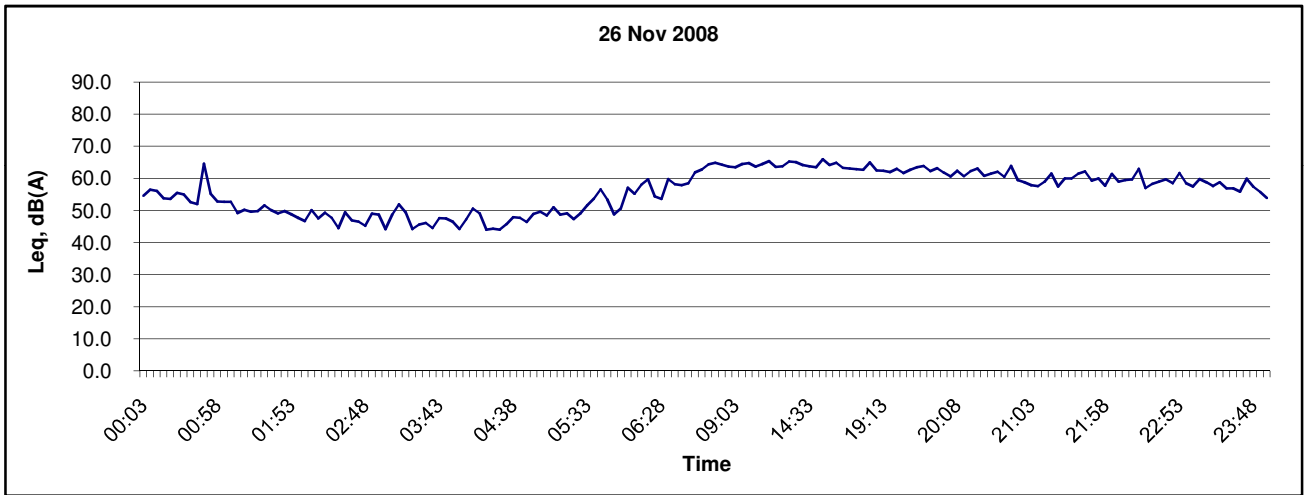
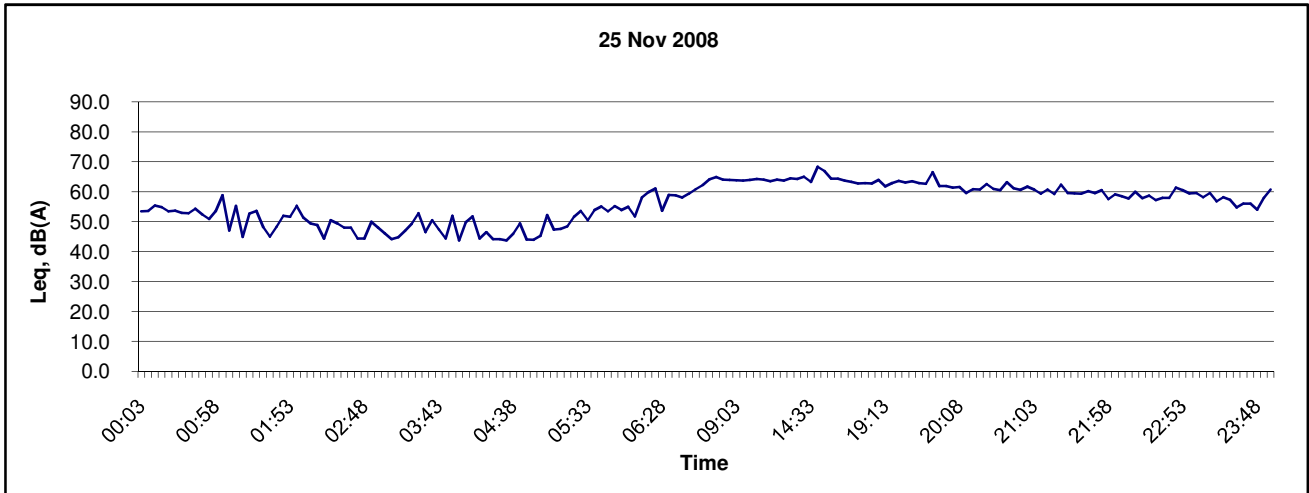
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**APPENDIX C  
GRAPHICAL PRESENTATION OF  
BASELINE NOISE LEVELS**

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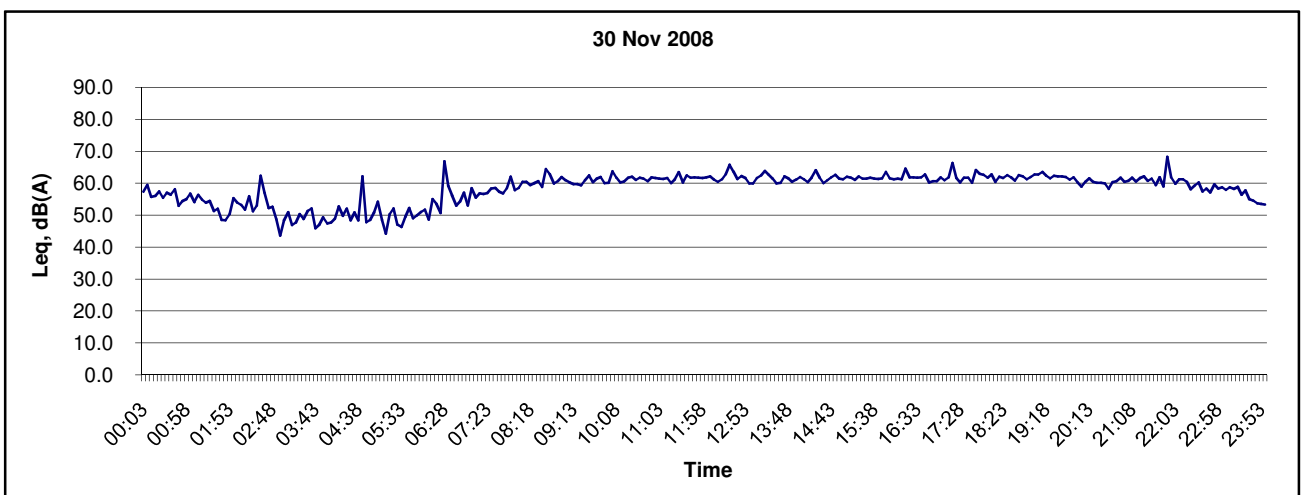
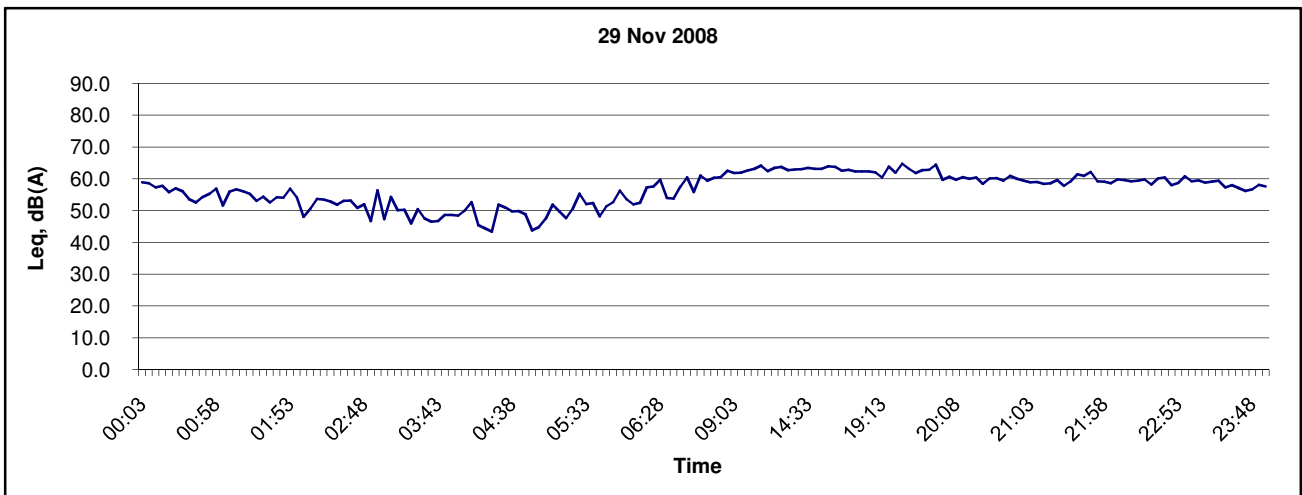
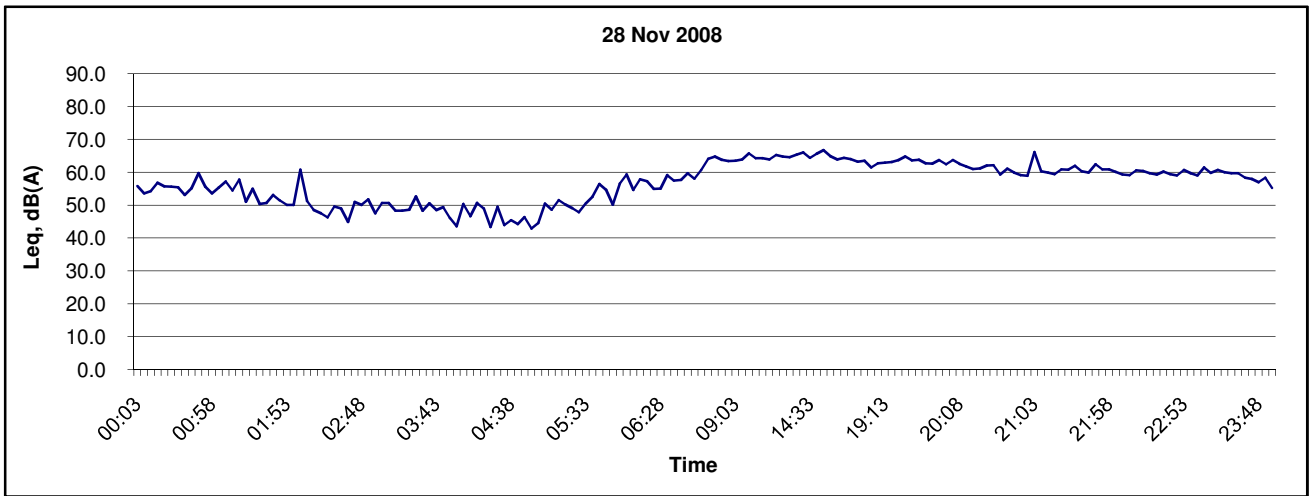
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## Noise Level at Man Yuen Garden (NC4)



Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel  Graphical Presentation of Baseline Noise Levels at Man Yuen Garden (NC4)	Scale N.T.S	Project No. MA 8001	CINOTECH
	Date Nov 08	Appendix C	

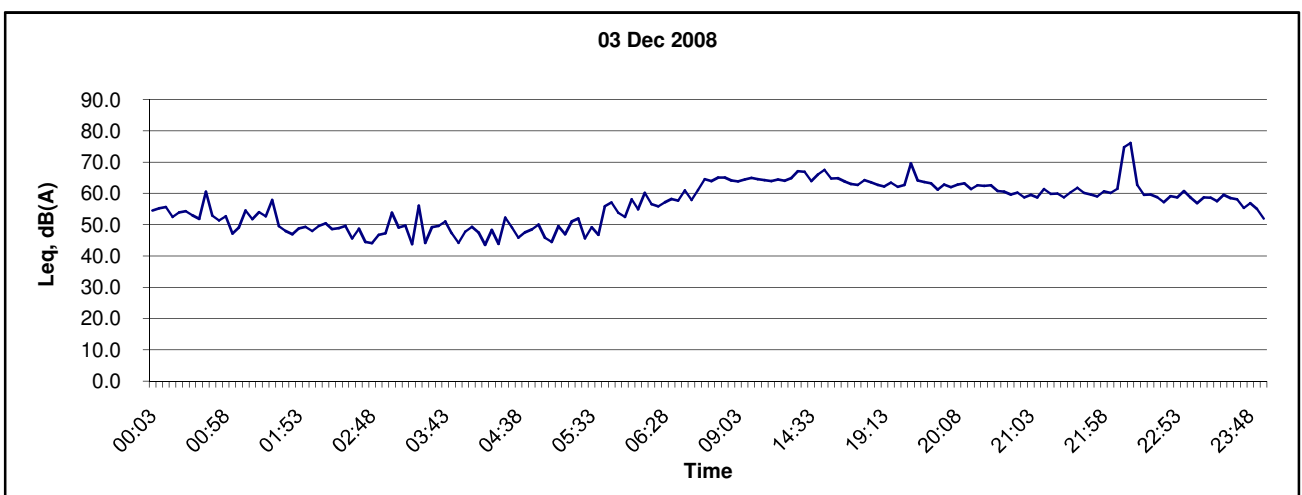
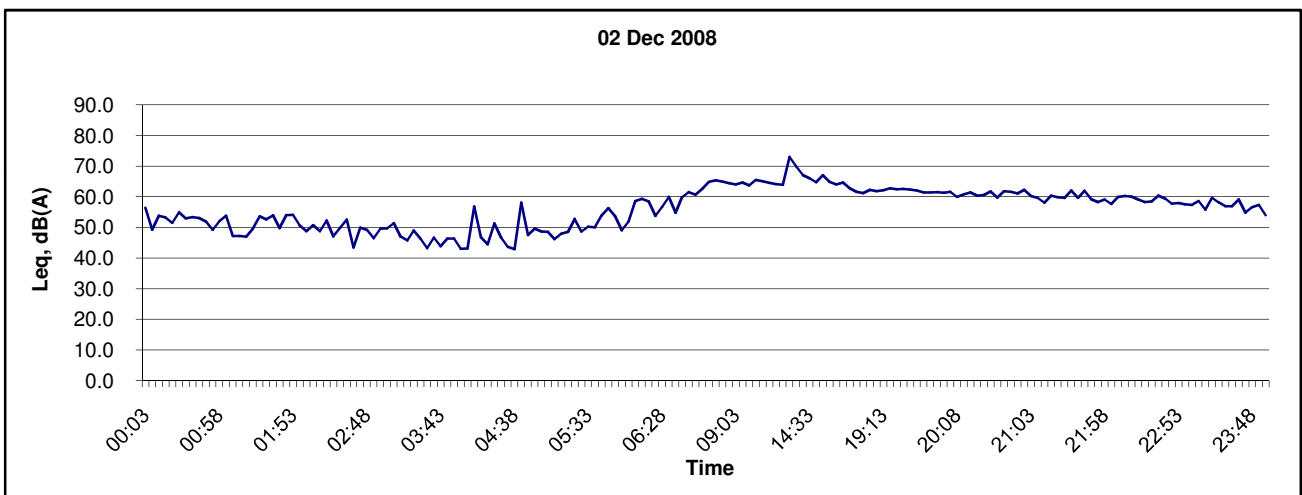
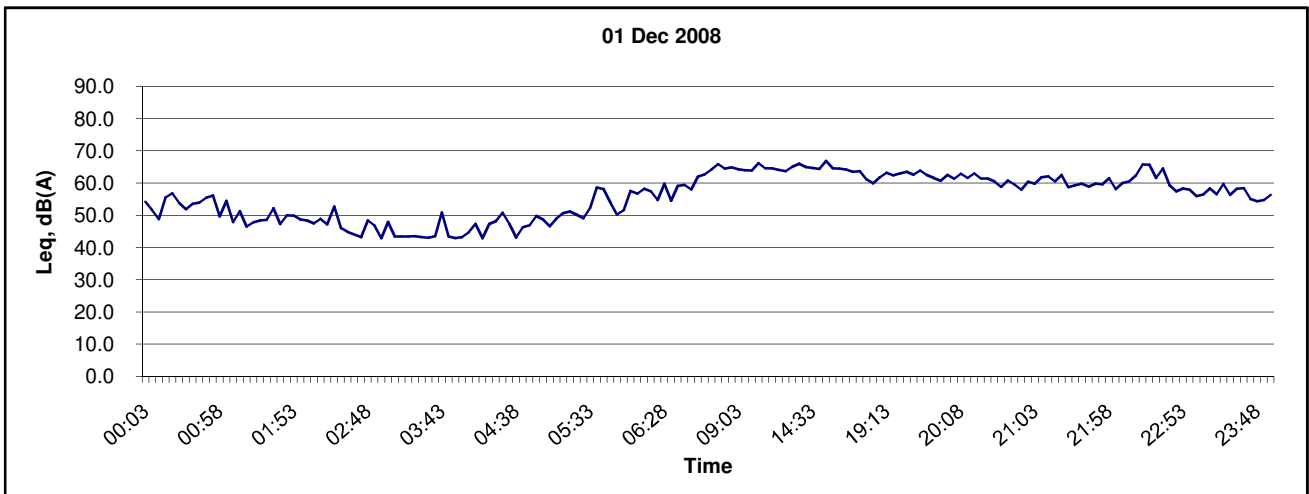
## Noise Level at Man Yuen Garden (NC4)



Title	Contract No. DC/2007/10	Scale	N.T.S	Project No.	MA 8001	CINOTECH
	Design and Construction of Hong Kong West Drainage Tunnel	Date	Nov 08	Appendix	C	
Graphical Presentation of Baseline Noise Levels at Man Yuen Garden (NC4)						



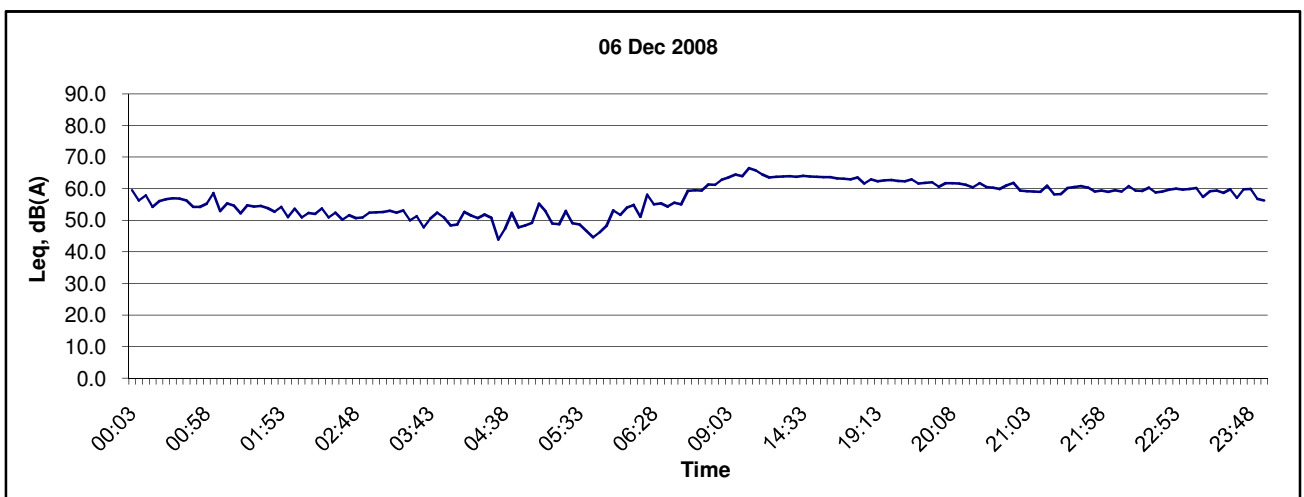
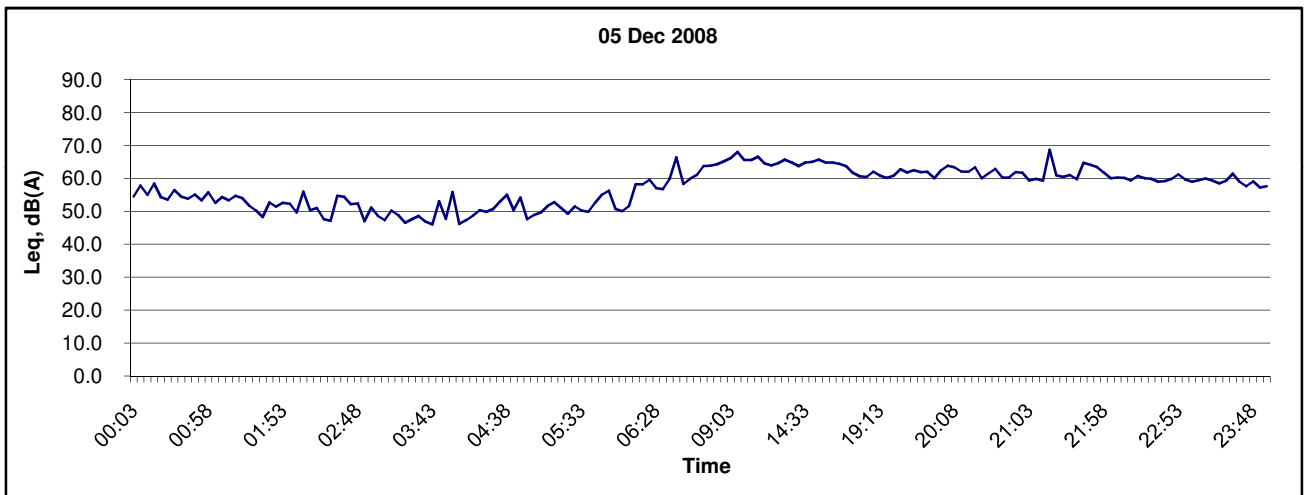
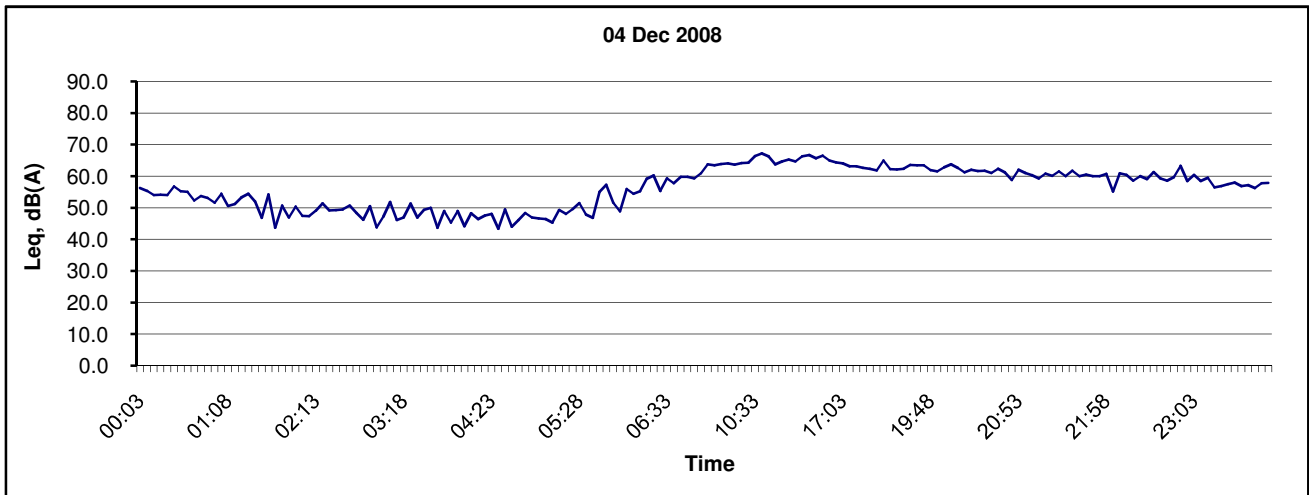
## Noise Level at Man Yuen Garden (NC4)



Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel  Graphical Presentation of Baseline Noise Levels at Man Yuen Garden (NC4)	Scale	N.T.S	Project No.	MA 8001
	Date	Nov 08	Appendix	C

CINOTECH

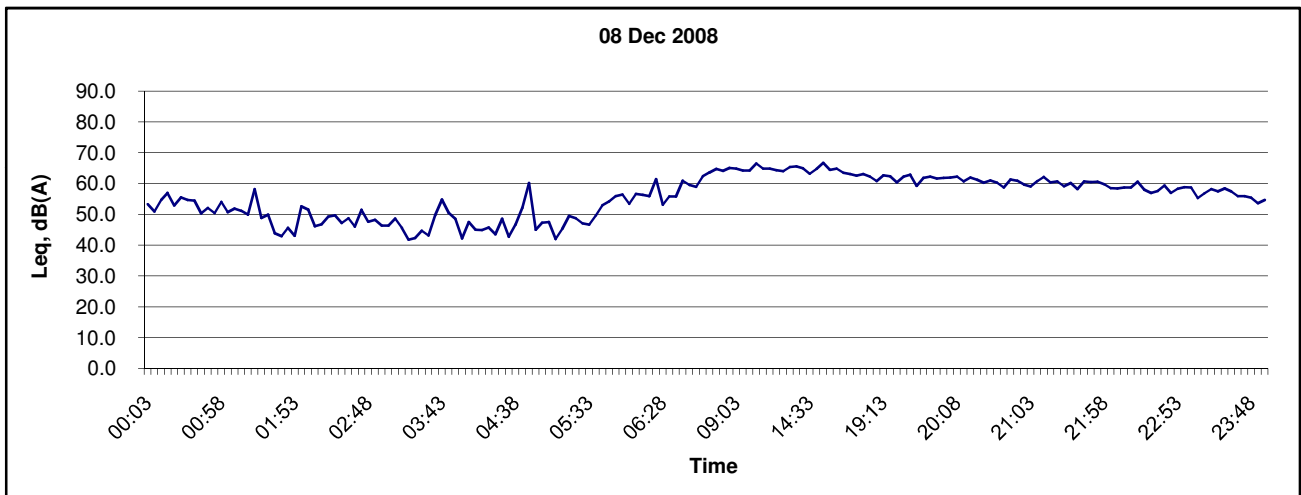
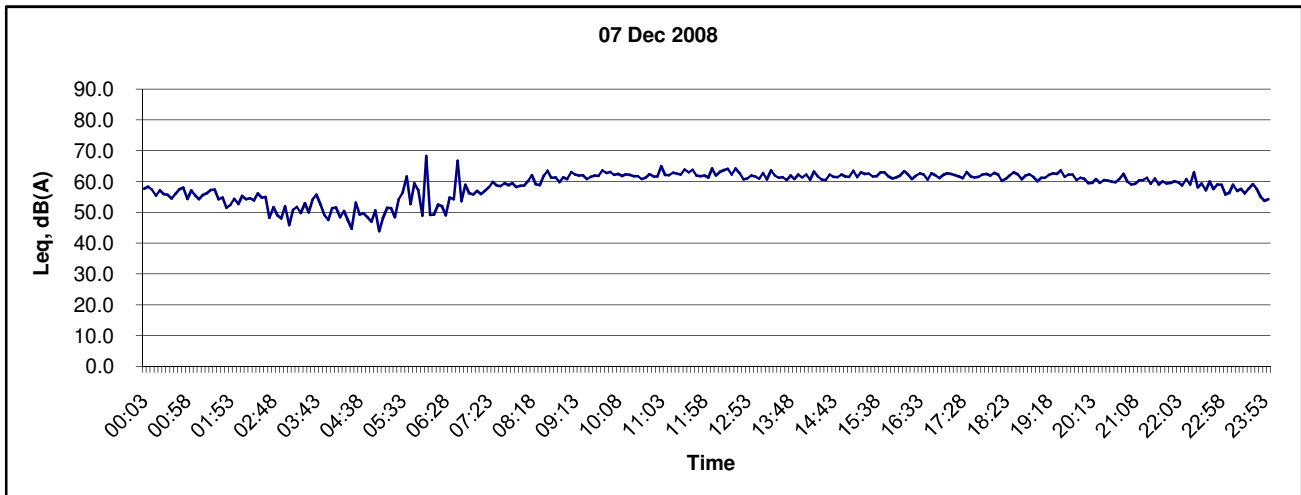
## Noise Level at Man Yuen Garden (NC4)



Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel  Graphical Presentation of Baseline Noise Levels at Man Yuen Garden (NC4)	Scale	N.T.S	Project No.	MA 8001
	Date	Nov 08	Appendix	C

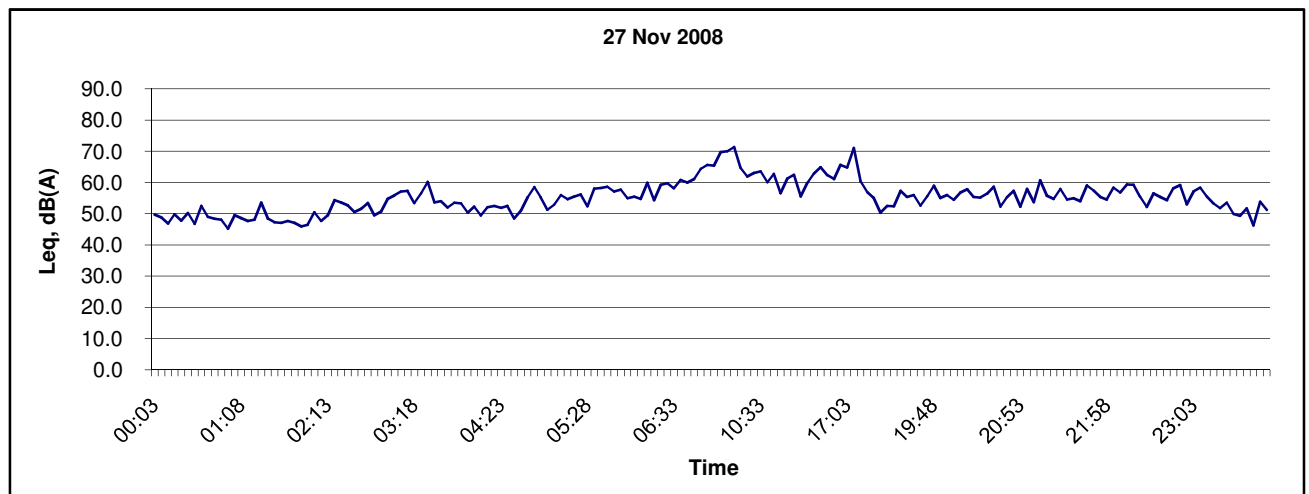
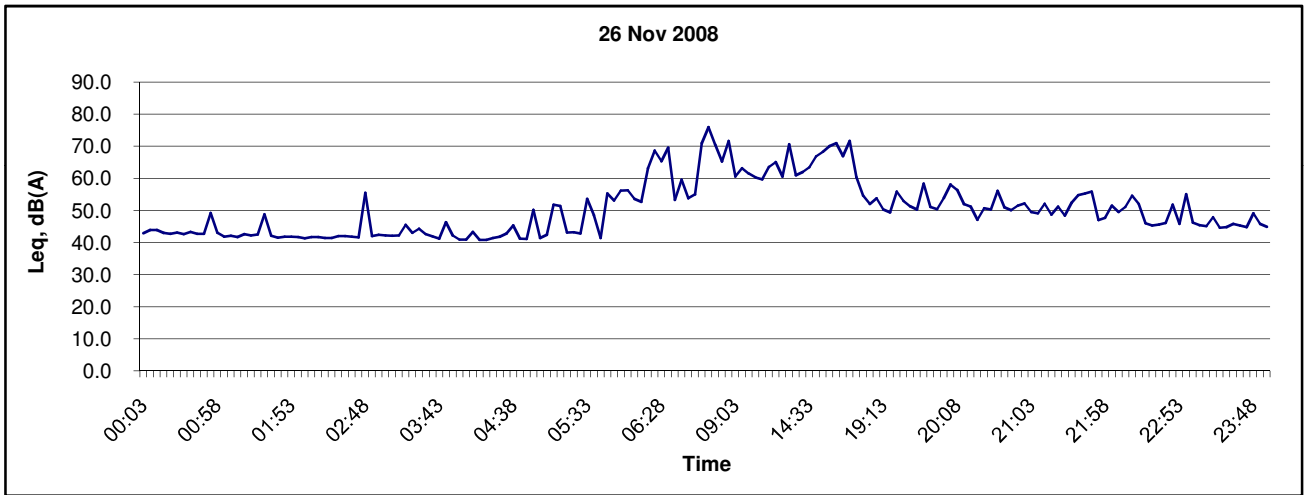
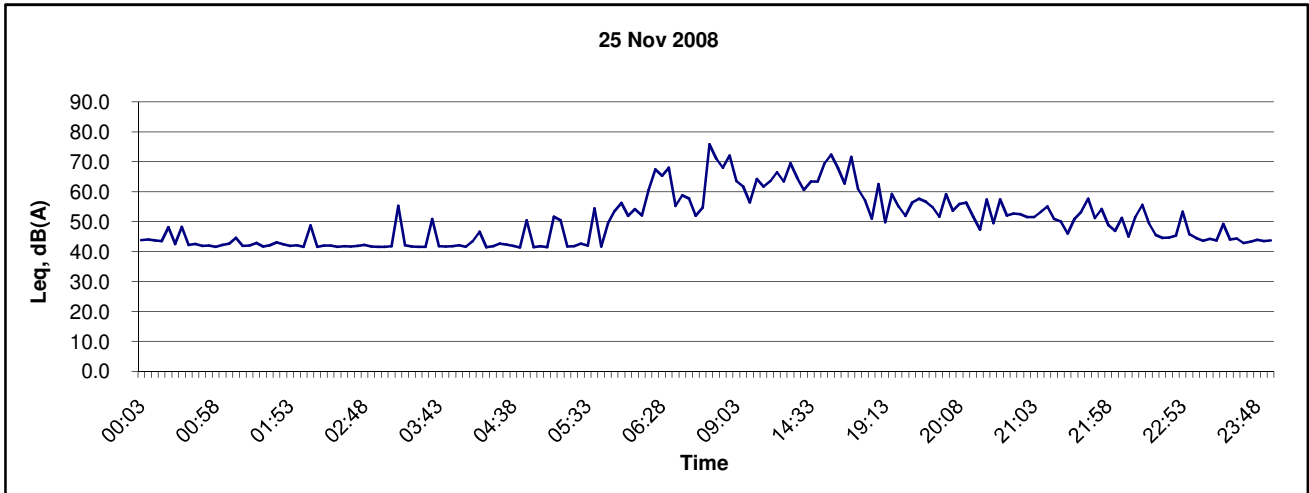


## Noise Level at Man Yuen Garden (NC4)



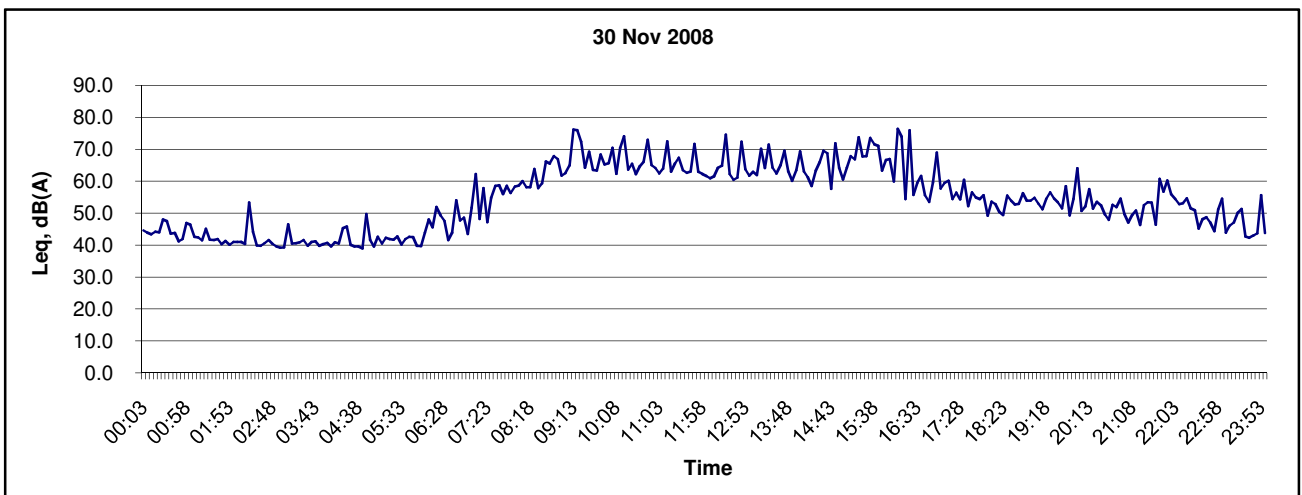
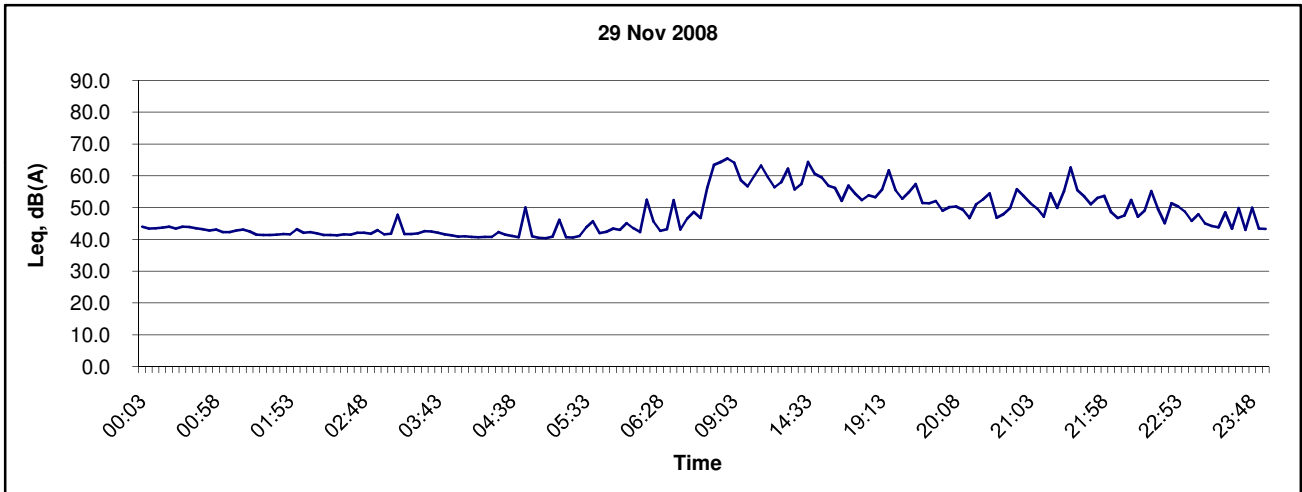
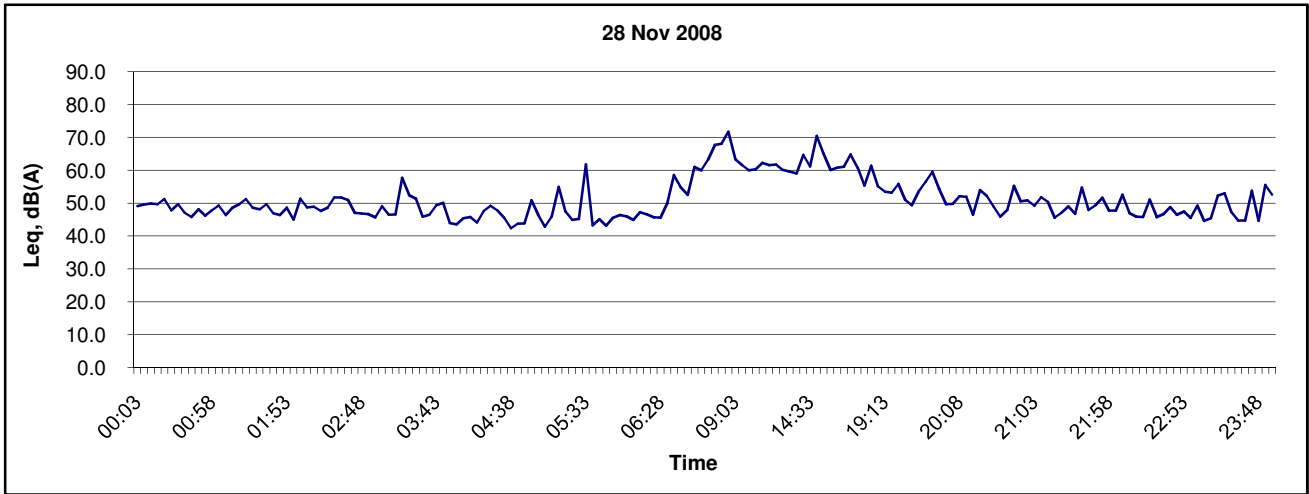
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	Date Nov 08	Appendix C	

## Noise Level at Block D of Villa Monte Rosa (NC5)



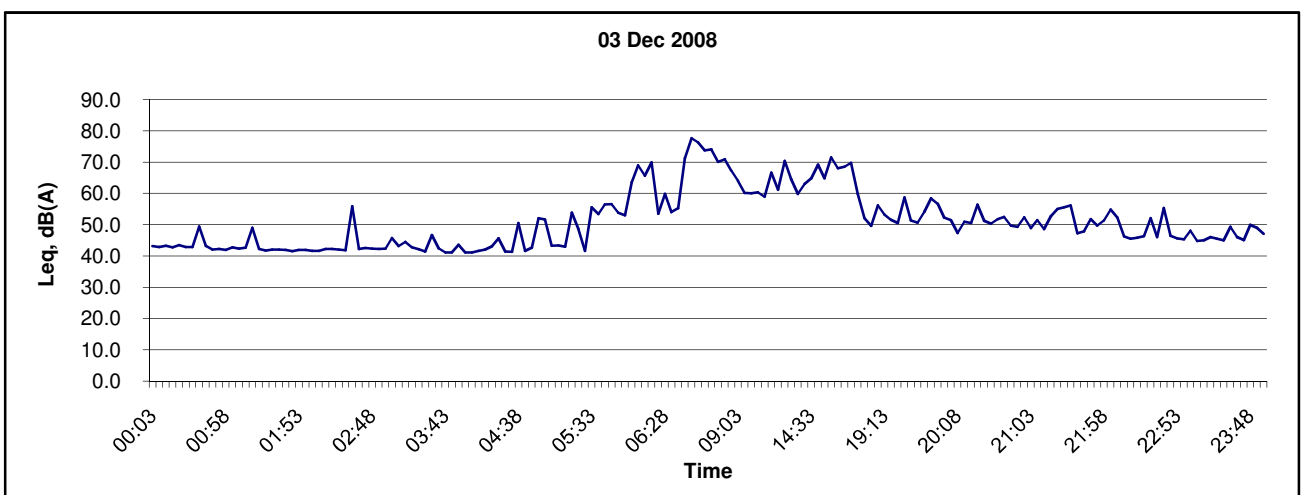
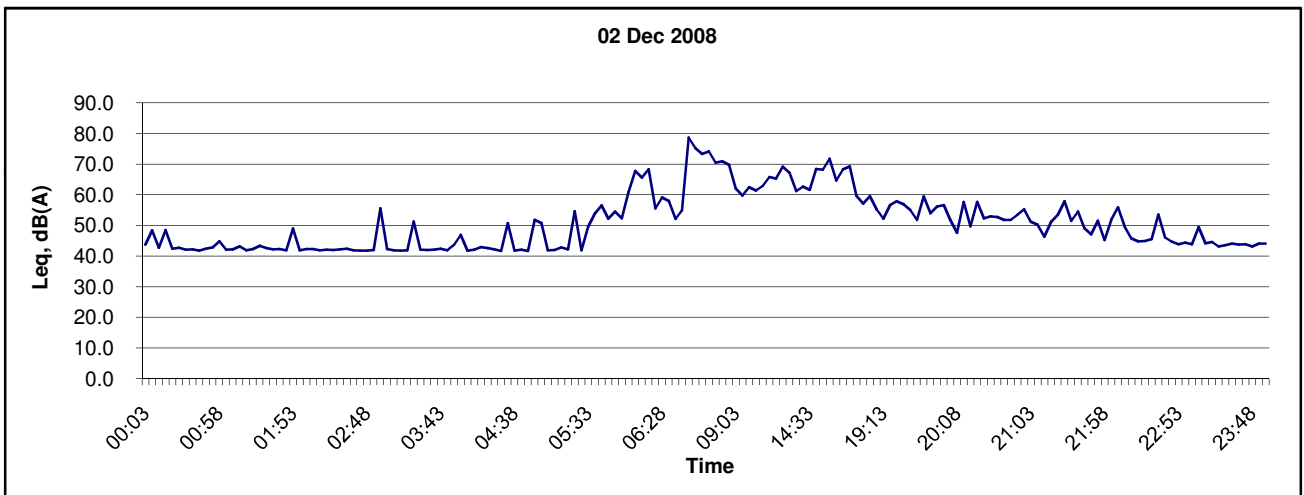
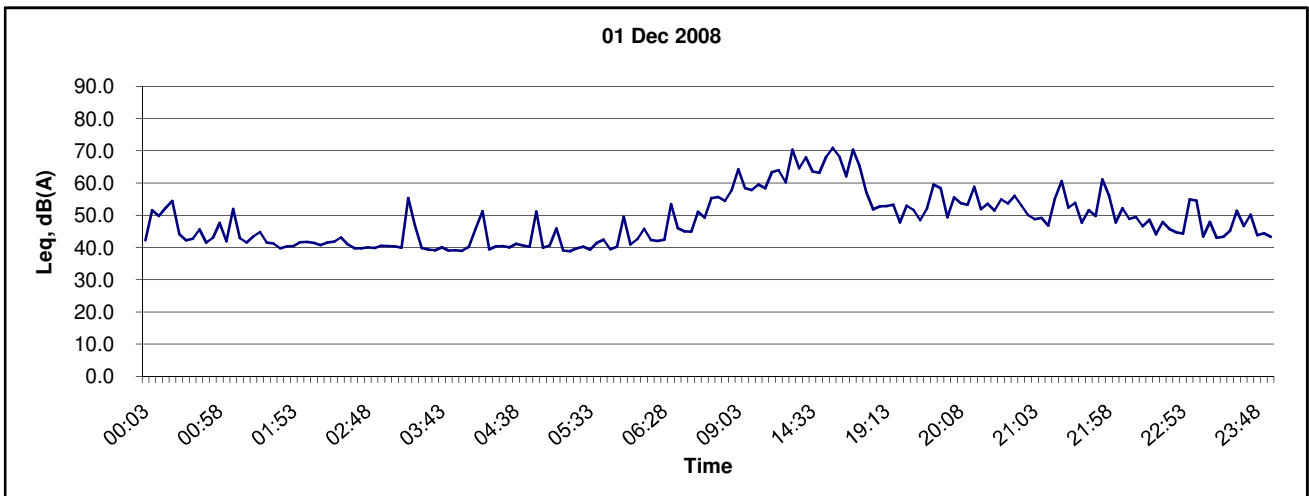
Title	Contract No. DC/2007/10	Scale	N.T.S	Project No.	MA 8001	CINOTECH
	Design and Construction of Hong Kong West Drainage Tunnel	Date	Nov 08	Appendix	C	
Graphical Presentation of Baseline Noise Levels at Block D of Villa Monte Rosa (NC5)						

## Noise Level at Block D of Villa Monte Rosa (NC5)



Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel  Graphical Presentation of Baseline Noise Levels at Block D of Villa Monte Rosa (NC5)	Scale N.T.S	Project No. MA 8001	CINOTECH
	Date Nov 08	Appendix C	

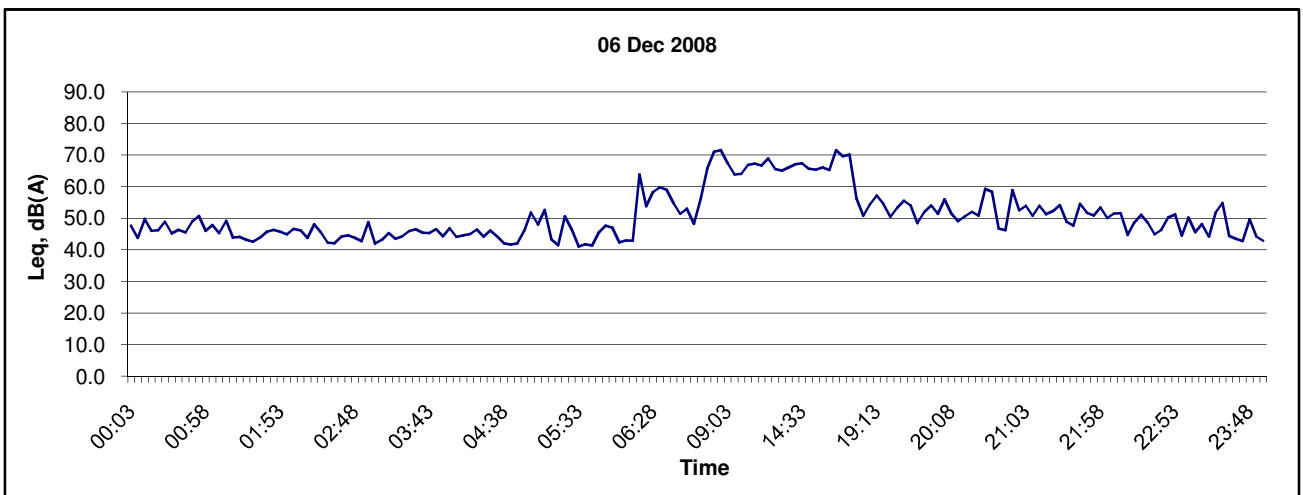
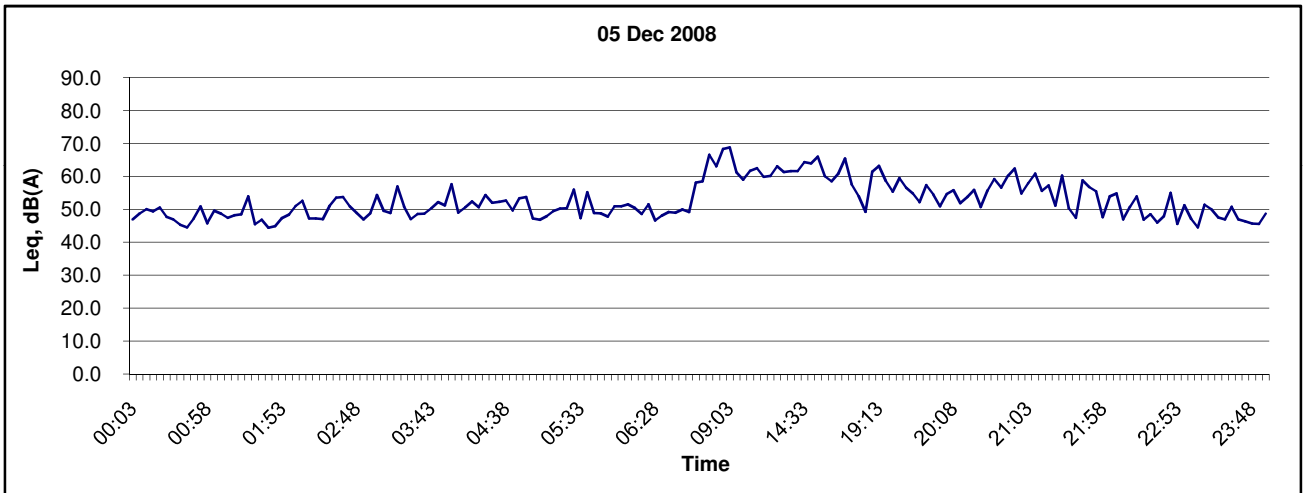
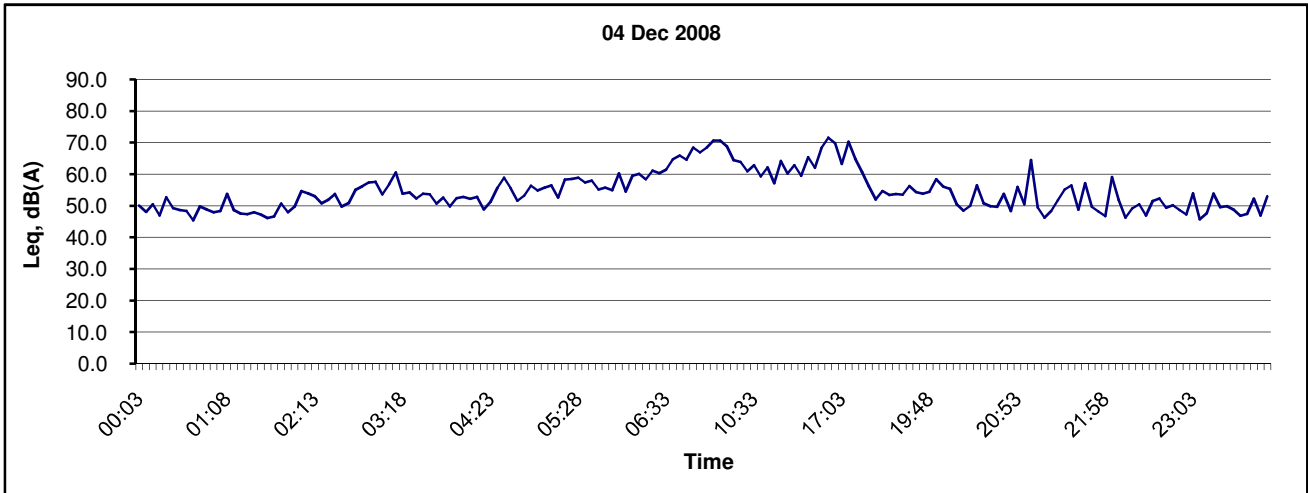
## Noise Level at Block D of Villa Monte Rosa (NC5)



Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel  Graphical Presentation of Baseline Noise Levels at Block D of Villa Monte Rosa (NC5)	Scale	N.T.S	Project No.	MA 8001
	Date	Nov 08	Appendix	C

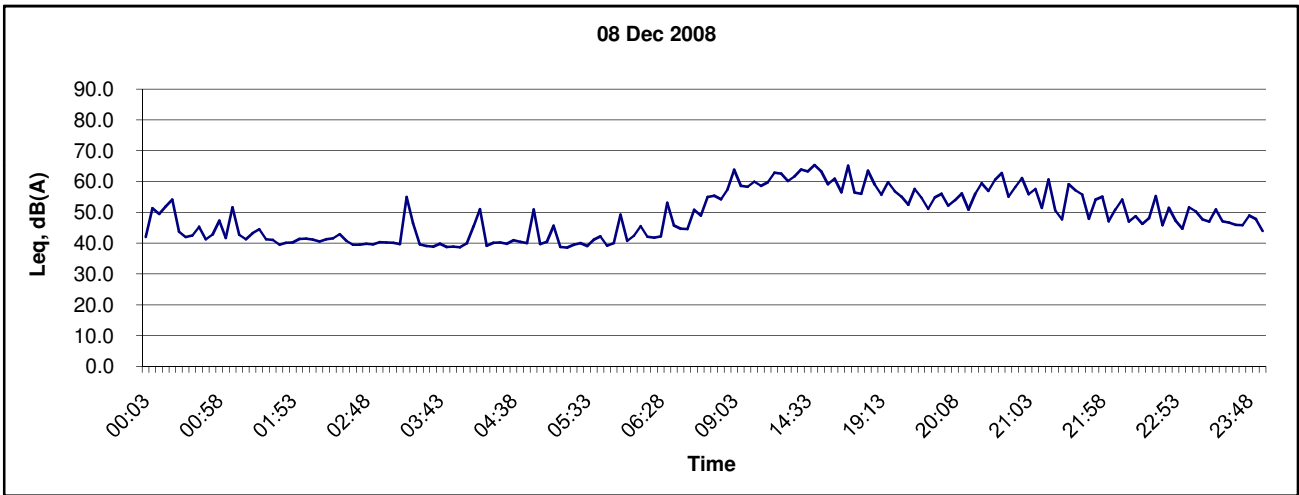
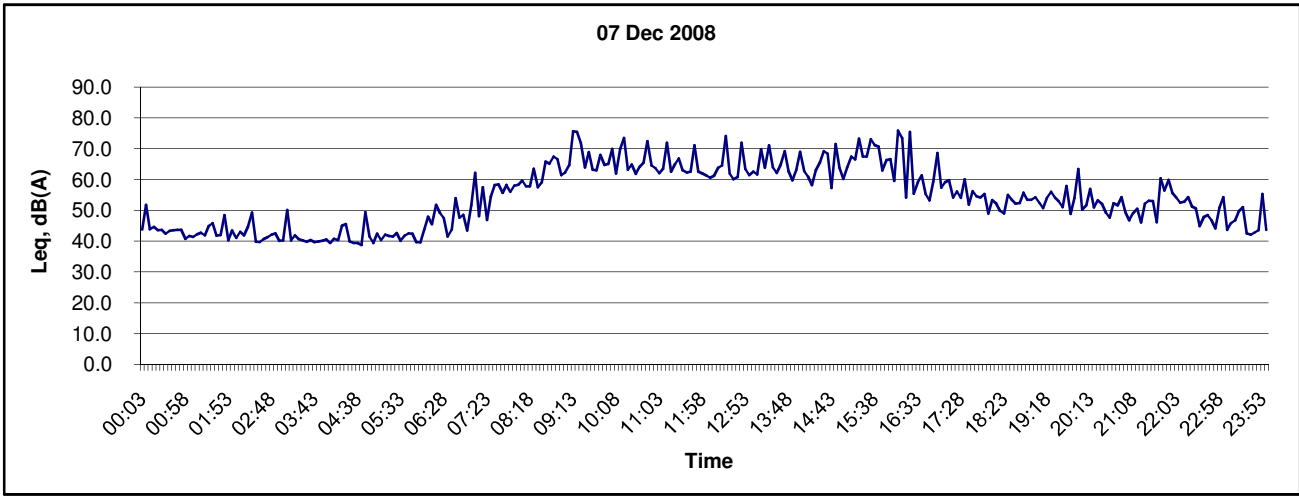
CINOTECH

## Noise Level at Block D of Villa Monte Rosa (NC5)



Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel  Graphical Presentation of Baseline Noise Levels at Block D of Villa Monte Rosa (NC5)	Scale N.T.S	Project No. MA 8001	CINOTECH
	Date Nov 08	Appendix C	

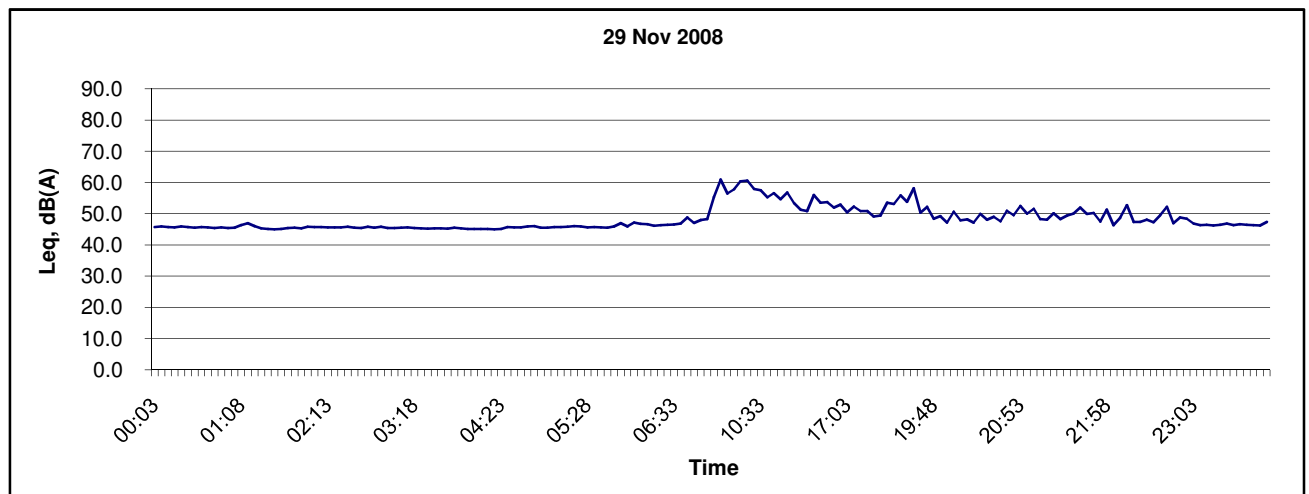
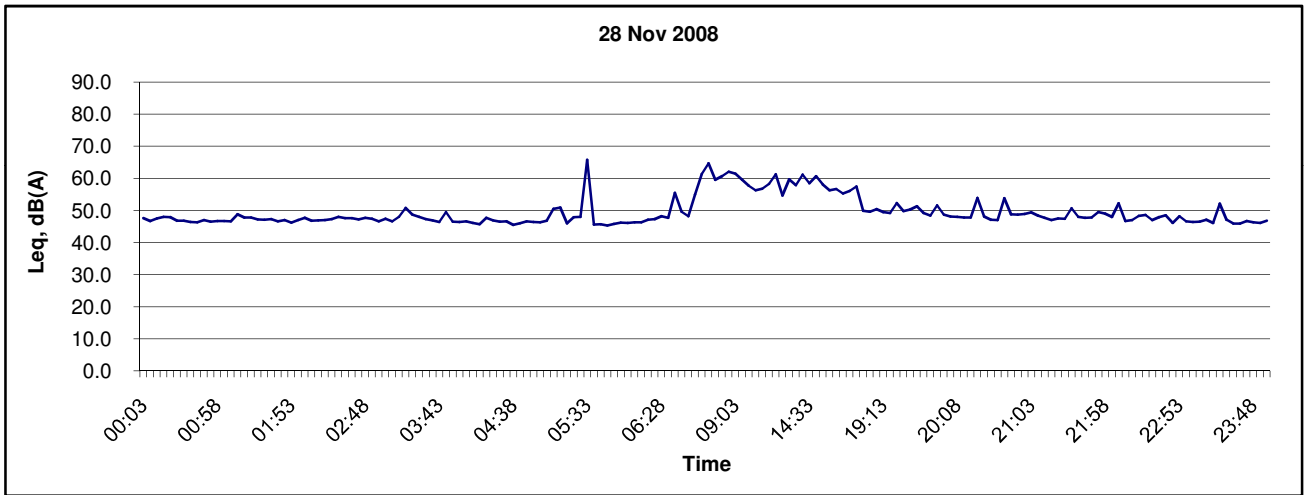
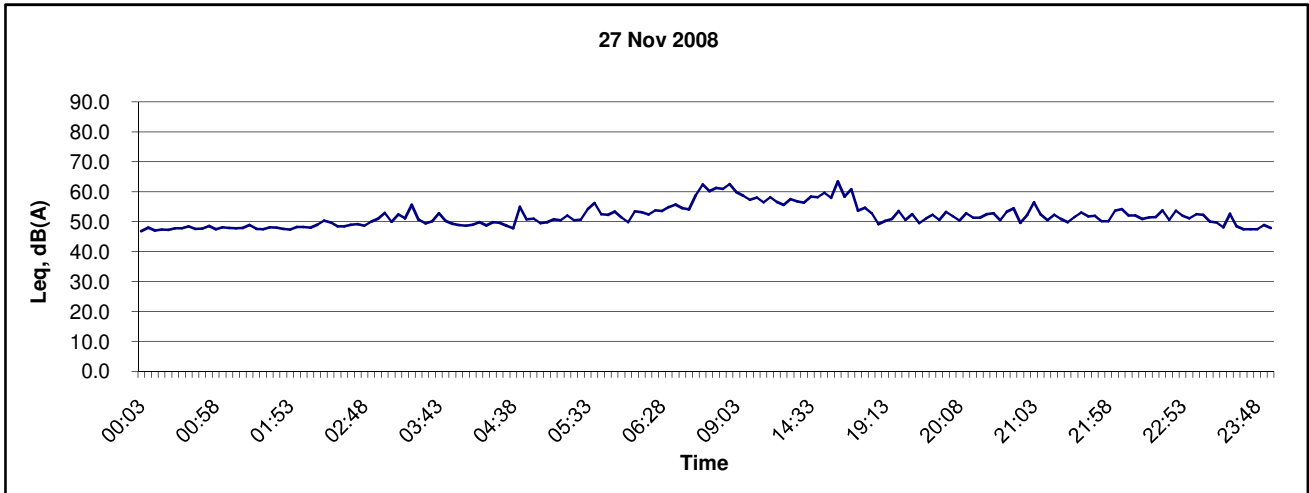
## Noise Level at Block D of Villa Monte Rosa (NC5)



Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel  Graphical Presentation of Baseline Noise Levels at Block D of Villa Monte Rosa (NC5)	Scale	N.T.S	Project No.	MA 8001	CINOTECH
	Date	Nov 08	Appendix	C	

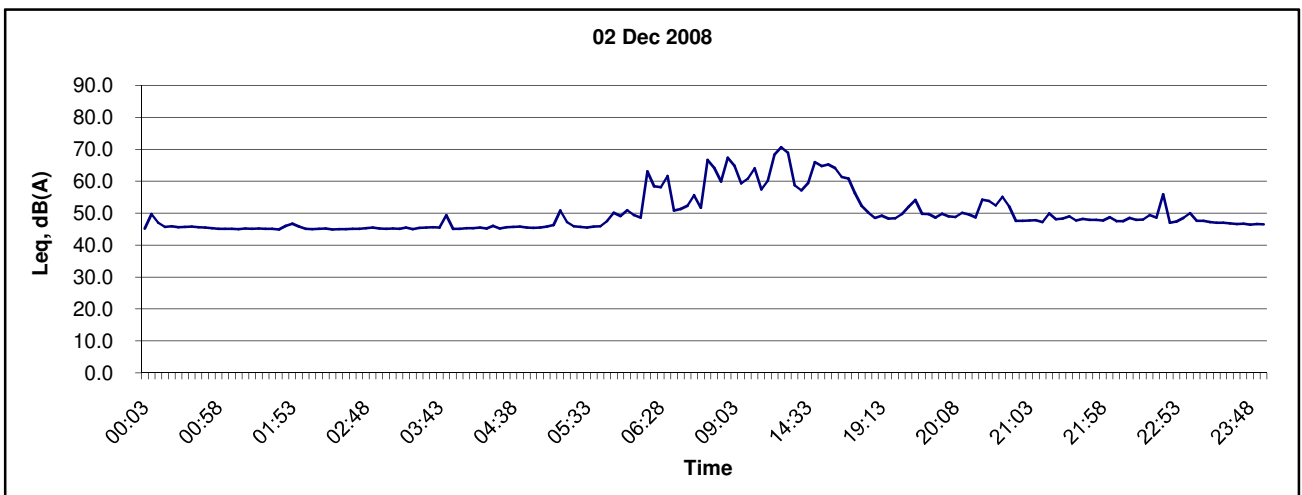
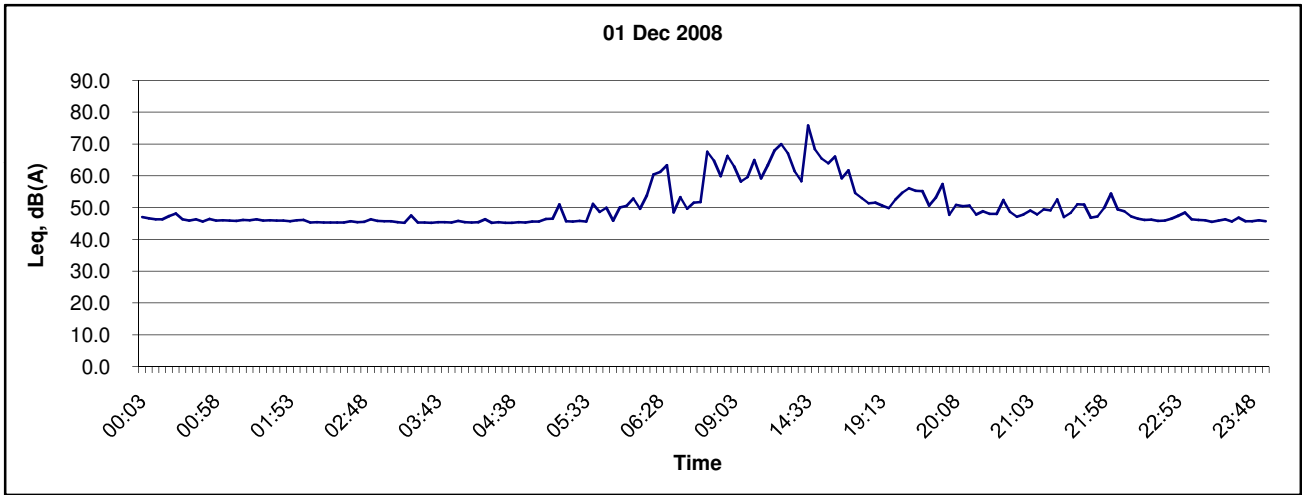
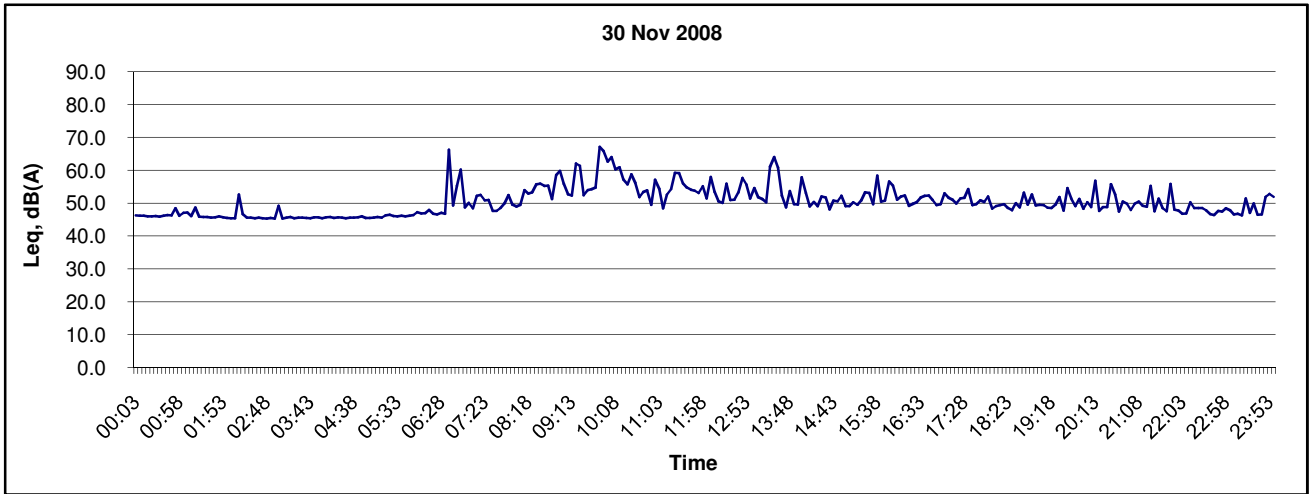


## Noise Level at Rosaryhill School (NC6)



Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel  Graphical Presentation of Baseline Noise Levels at Rosaryhill School (NC6)	Scale N.T.S	Project No. MA 8001	
	Date Nov 08	Appendix C	

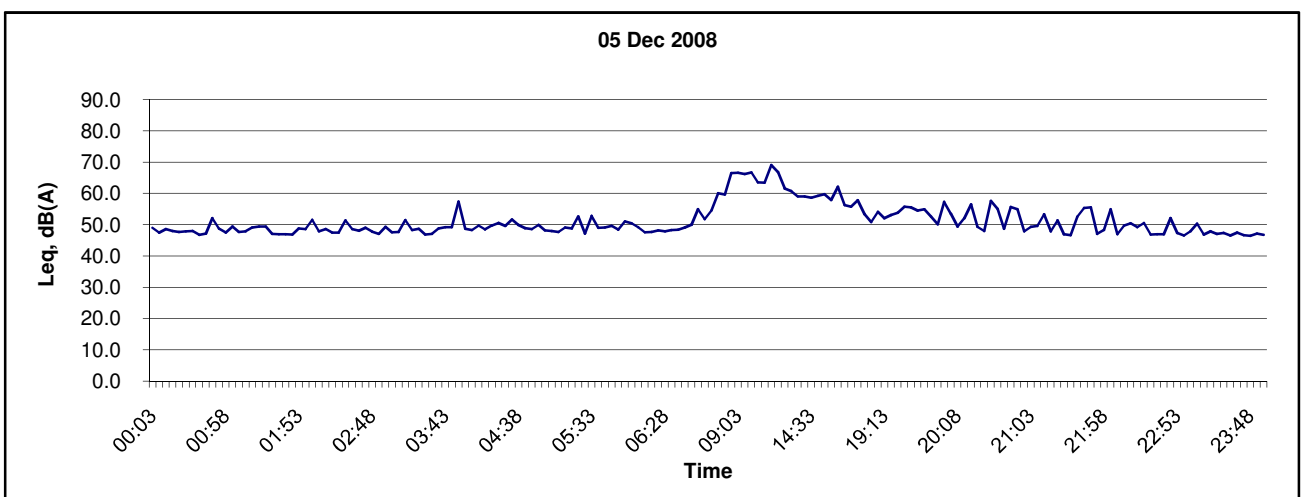
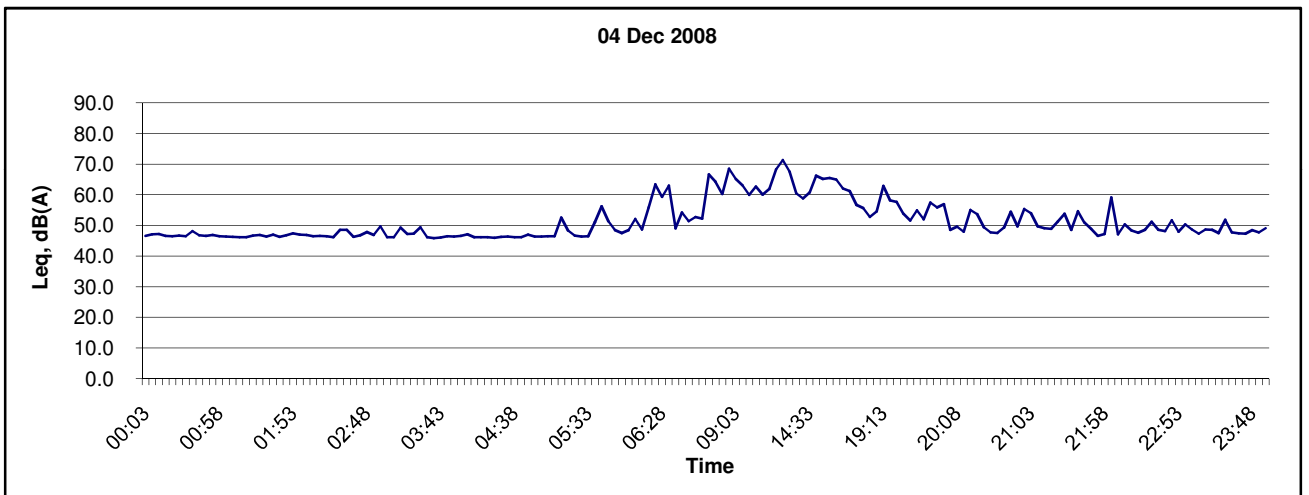
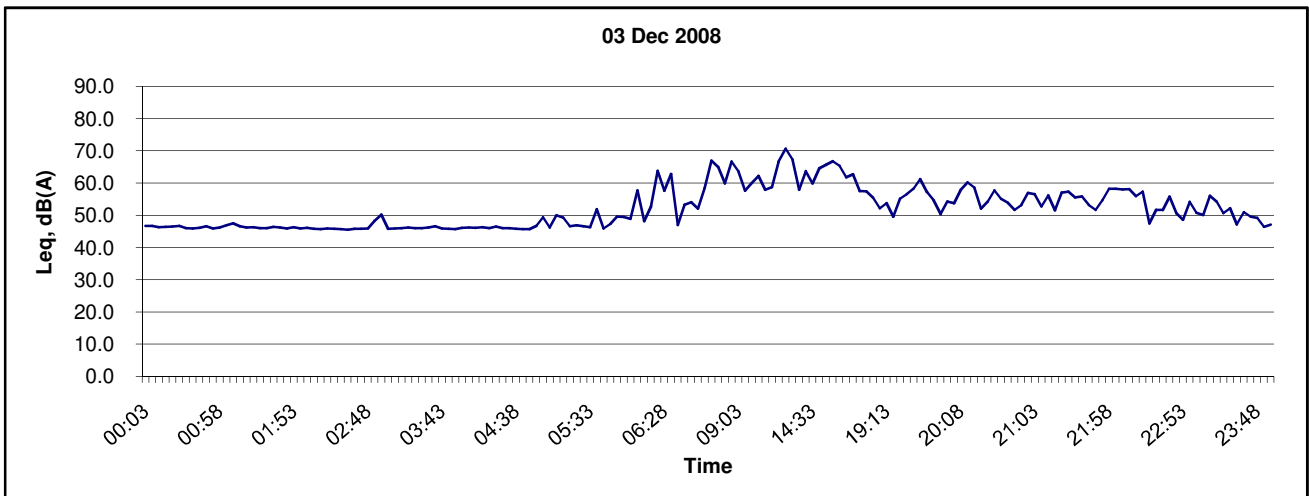
## Noise Level at Rosaryhill School (NC6)



Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel  Graphical Presentation of Baseline Noise Levels at Rosaryhill School (NC6)	Scale	N.T.S	Project No.	MA 8001
	Date	Nov 08	Appendix	C

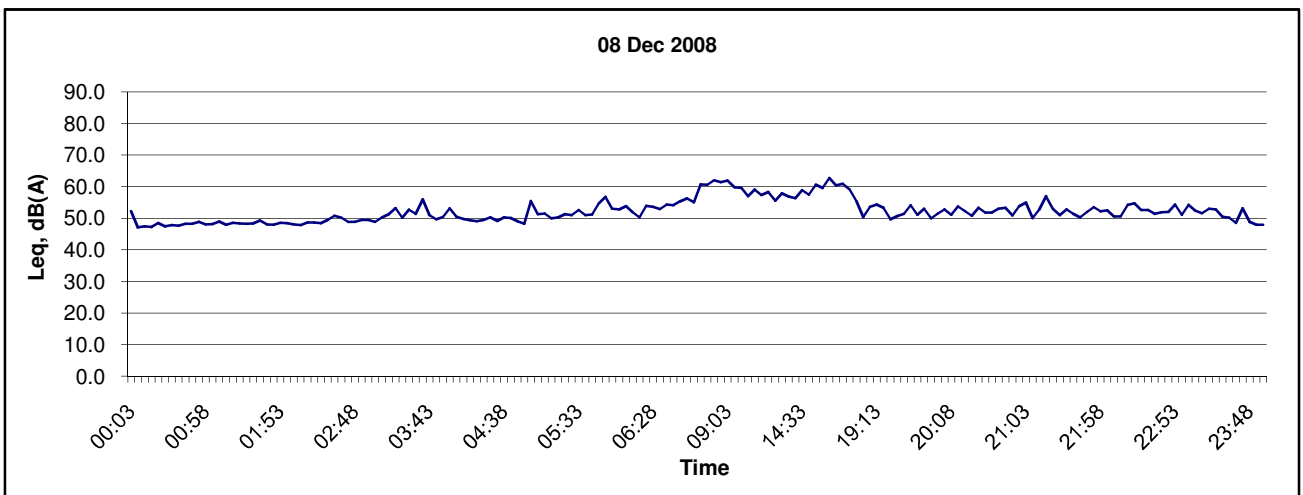
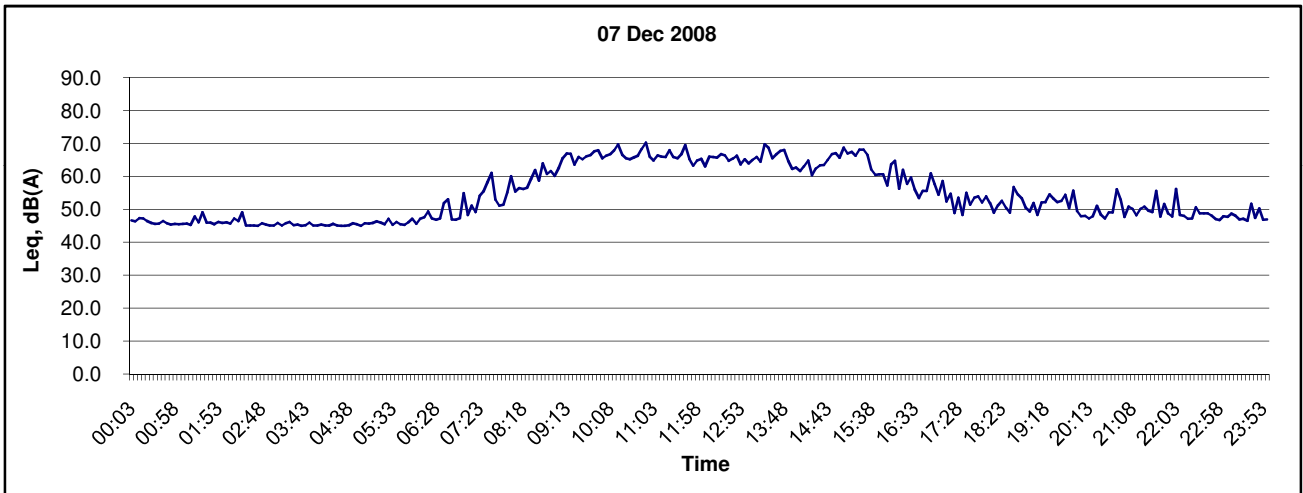
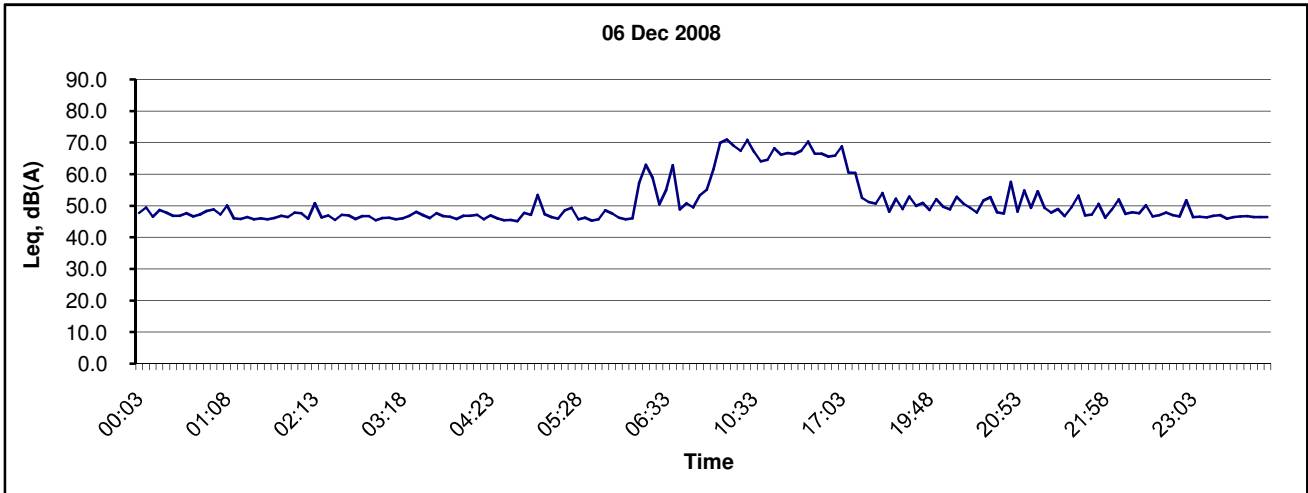
CINOTECH

## Noise Level at Rosaryhill School (NC6)



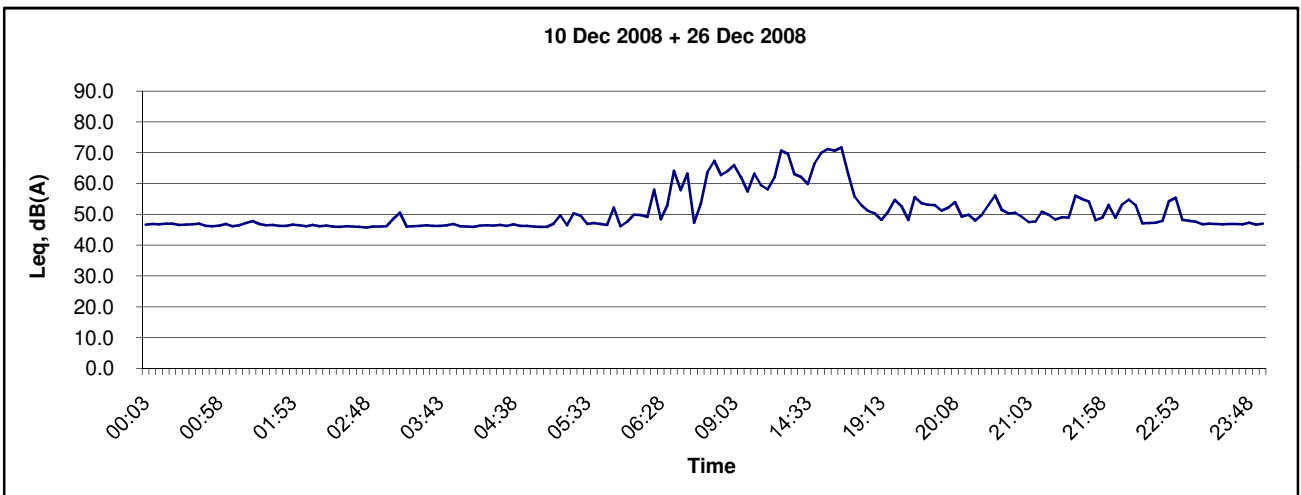
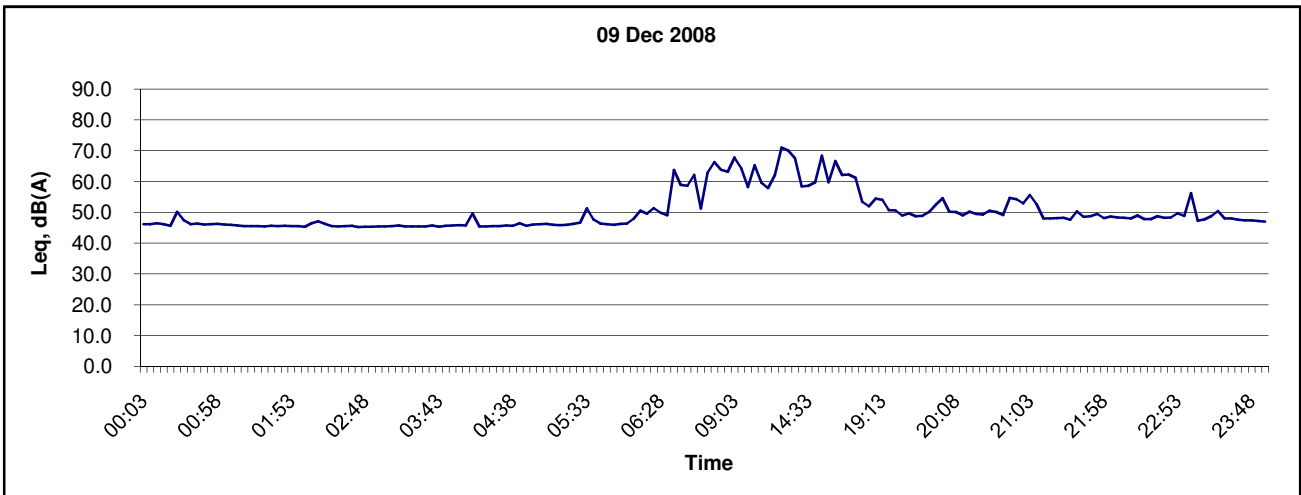
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	Date	Nov 08	Appendix	C	

## Noise Level at Rosaryhill School (NC6)



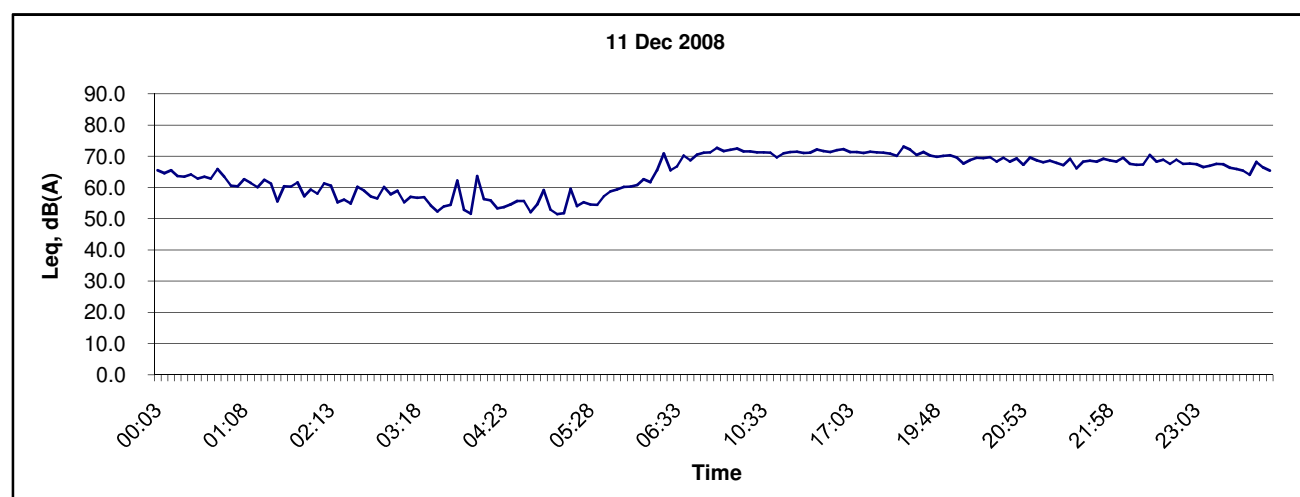
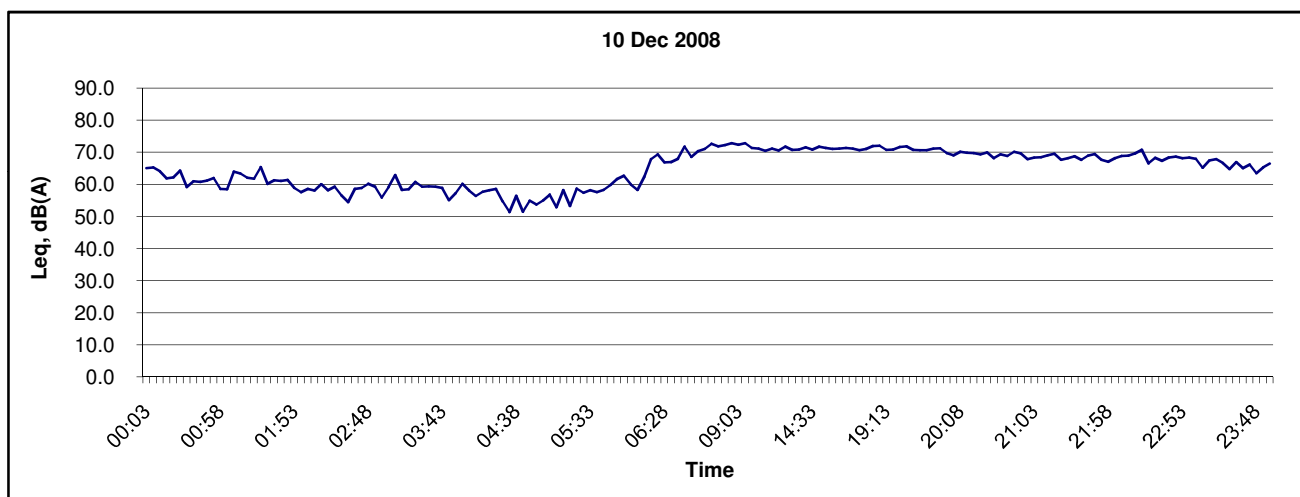
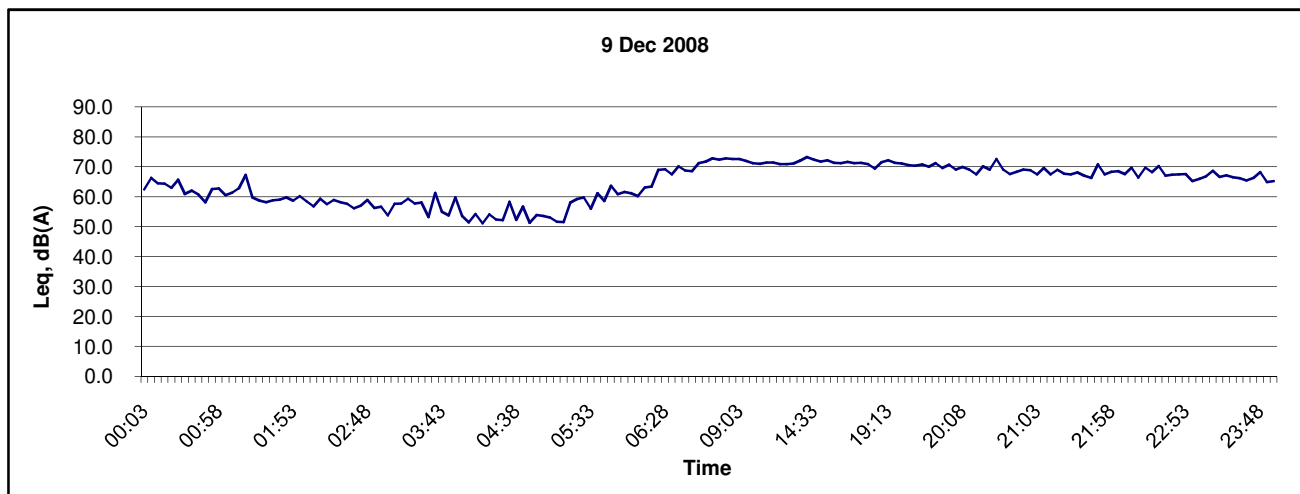
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	Date Nov 08	Appendix C	

## Noise Level at Rosaryhill School (NC6)



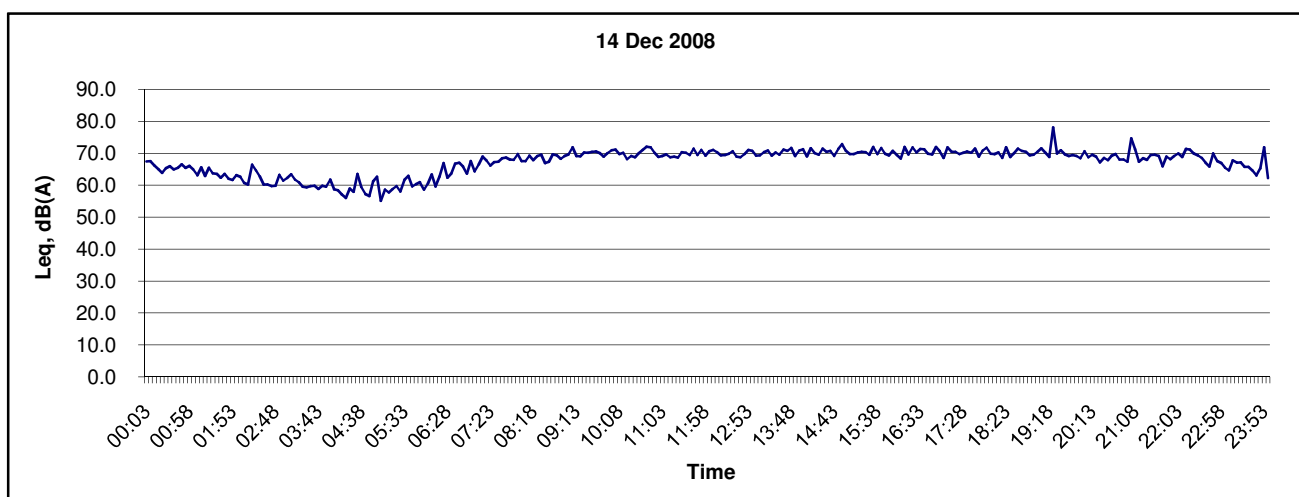
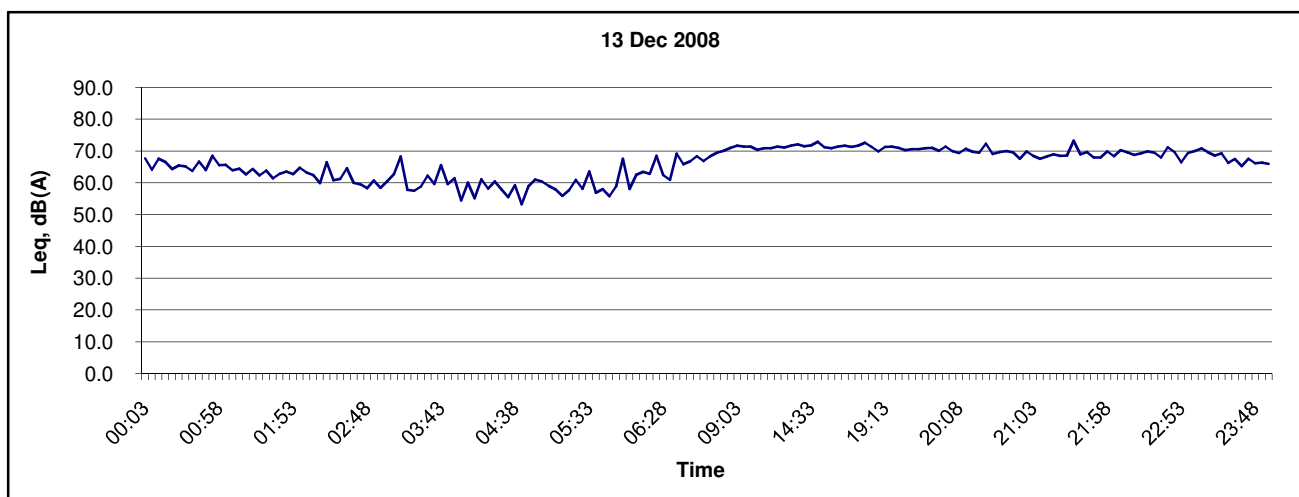
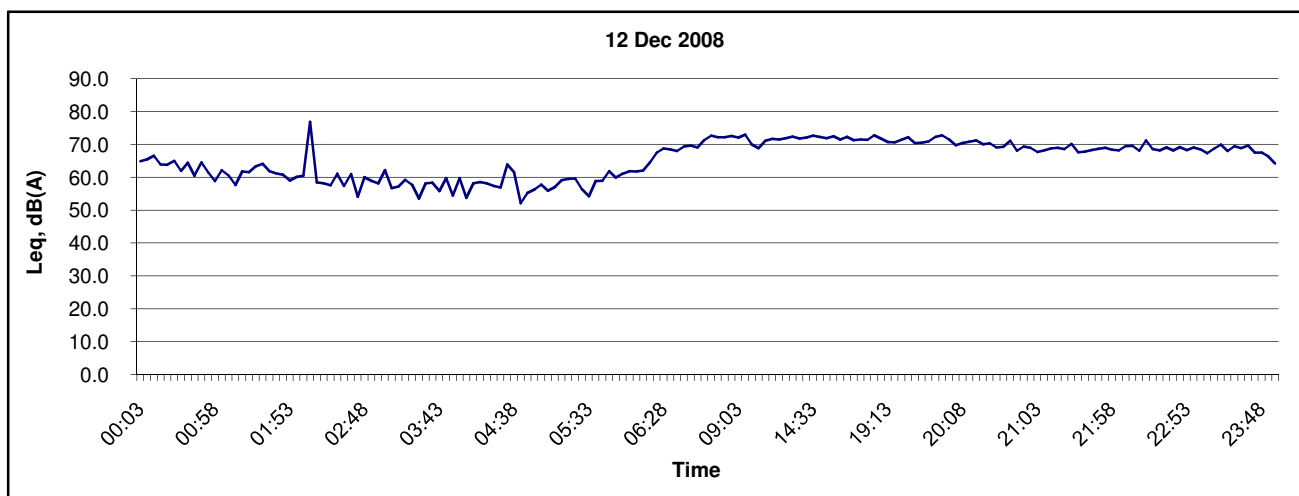
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	Date Nov 08	Appendix C	

## Noise Level at The Harbour View (NC10)



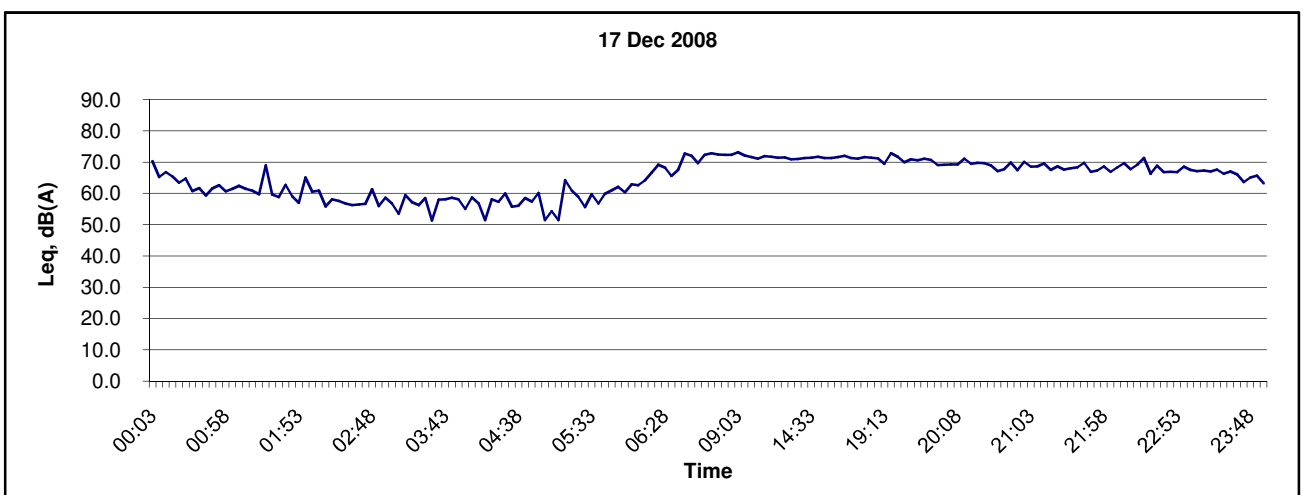
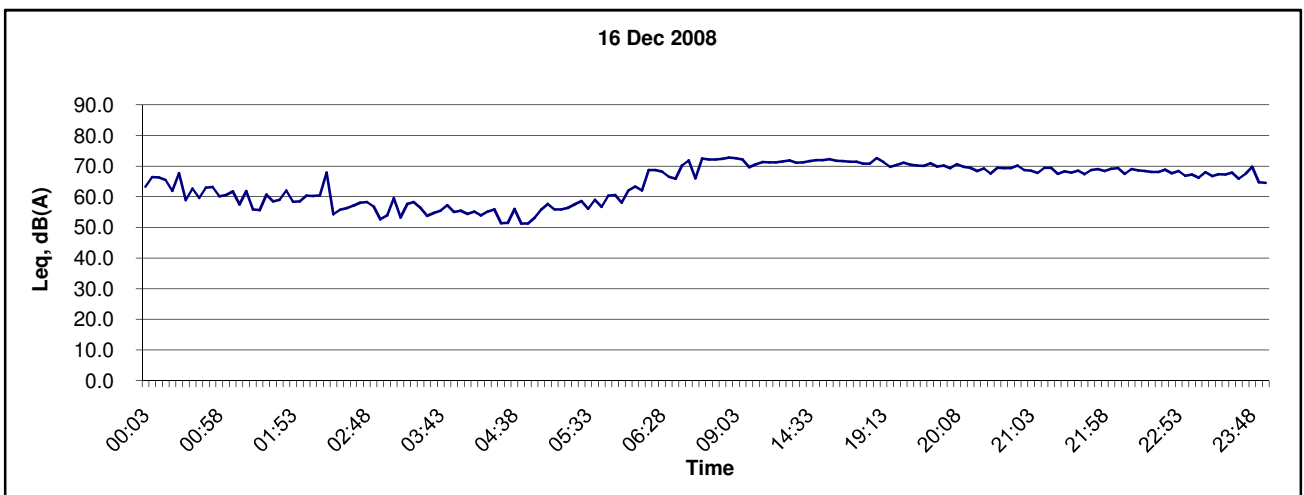
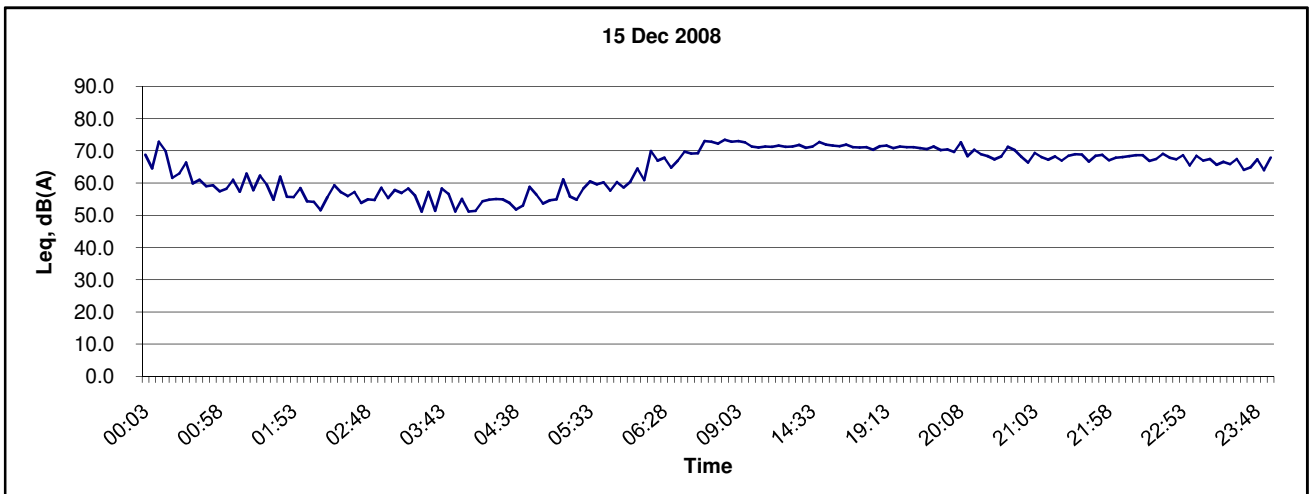
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	Date	Dec 08	Appendix	C	

## Noise Level at The Harbour View (NC10)



Title	Contract No. DC/2007/10	Scale	N.T.S	Project No.	MA 8001	CINOTECH
	Design and Construction of Hong Kong West Drainage Tunnel	Date	Dec 08	Appendix	C	
Graphical Presentation of Baseline Noise Levels at The Harbour View (NC10)						

## Noise Level at The Harbour View (NC10)

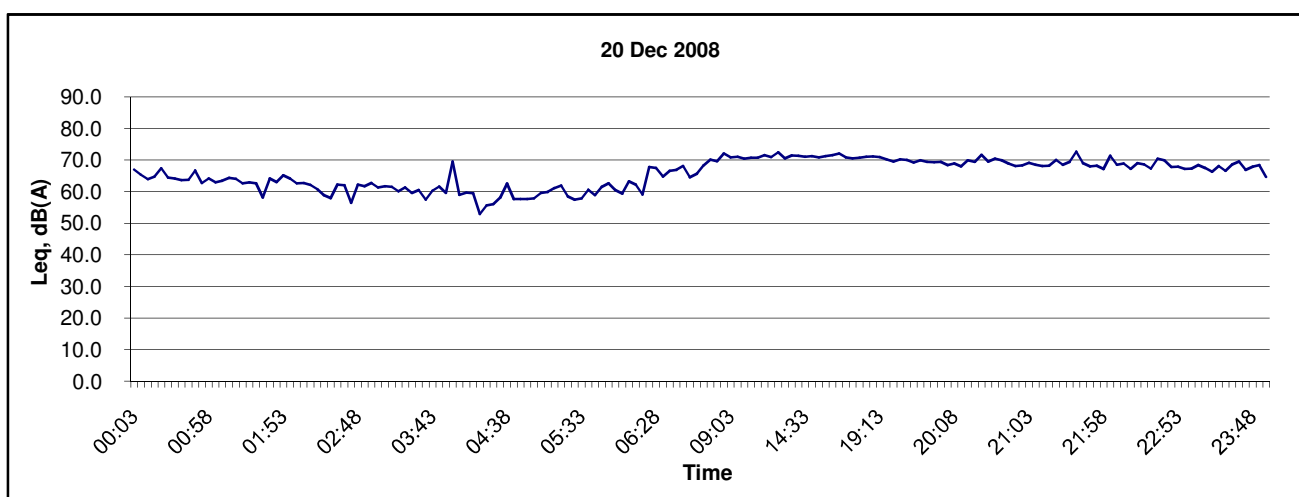
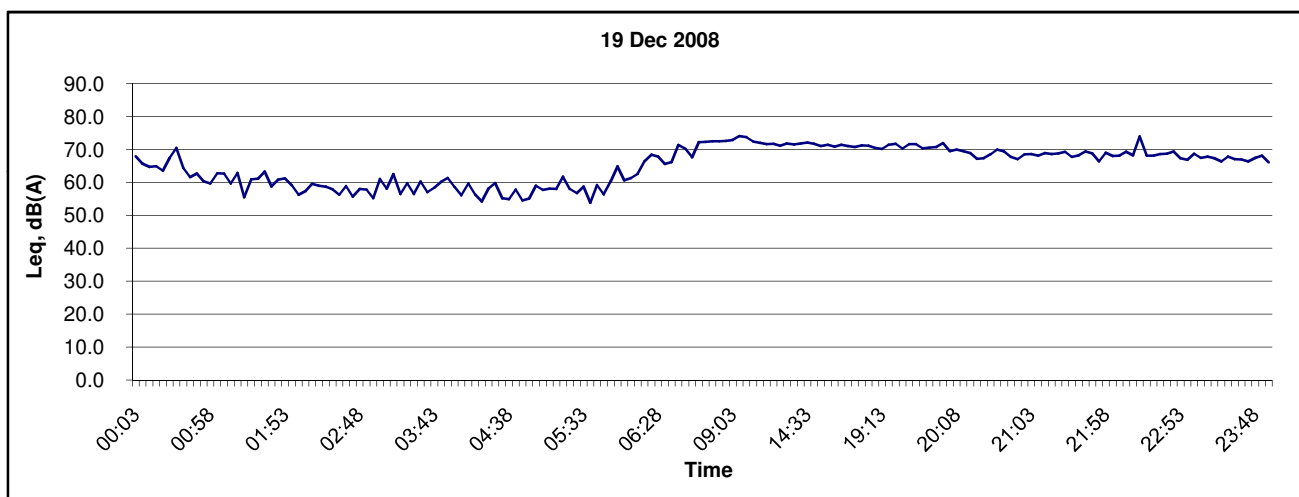
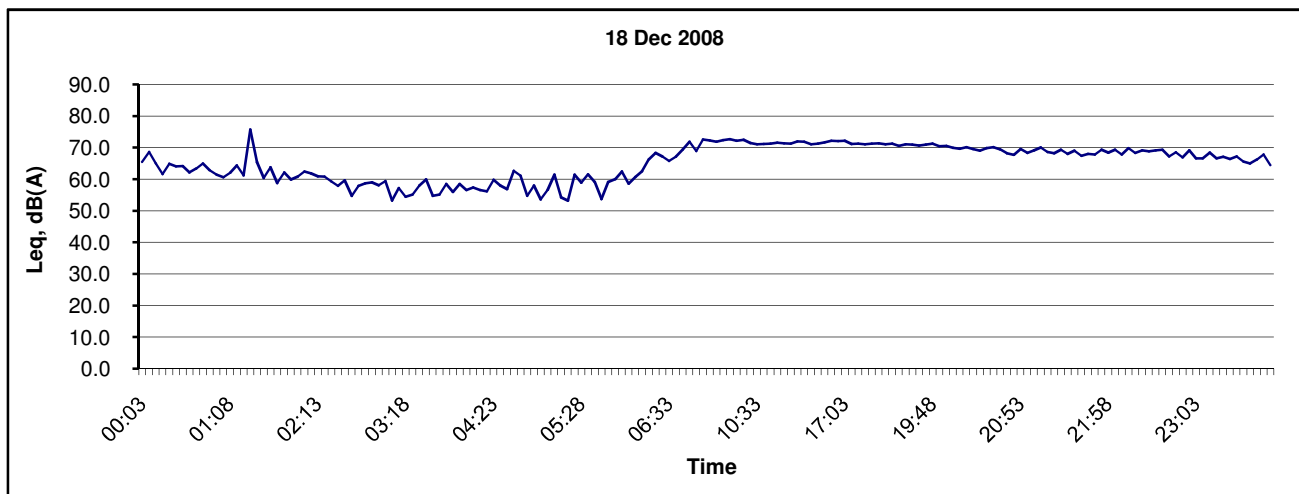


Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel  Graphical Presentation of Baseline Noise Levels at The Harbour View (NC10)	Scale	N.T.S	Project No.	MA 8001
	Date	Dec 08	Appendix	C

CINOTECH

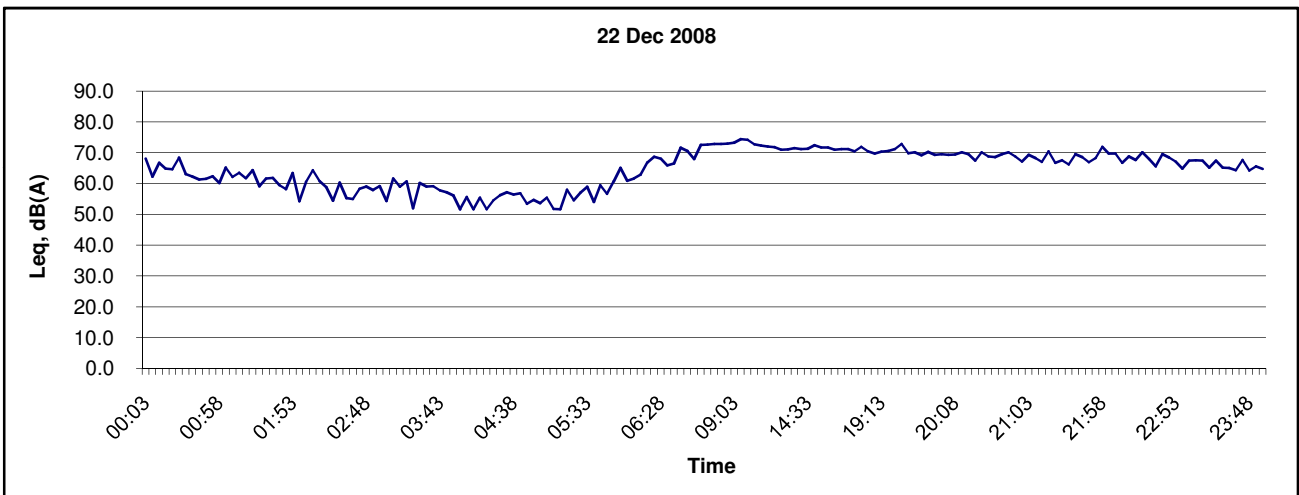
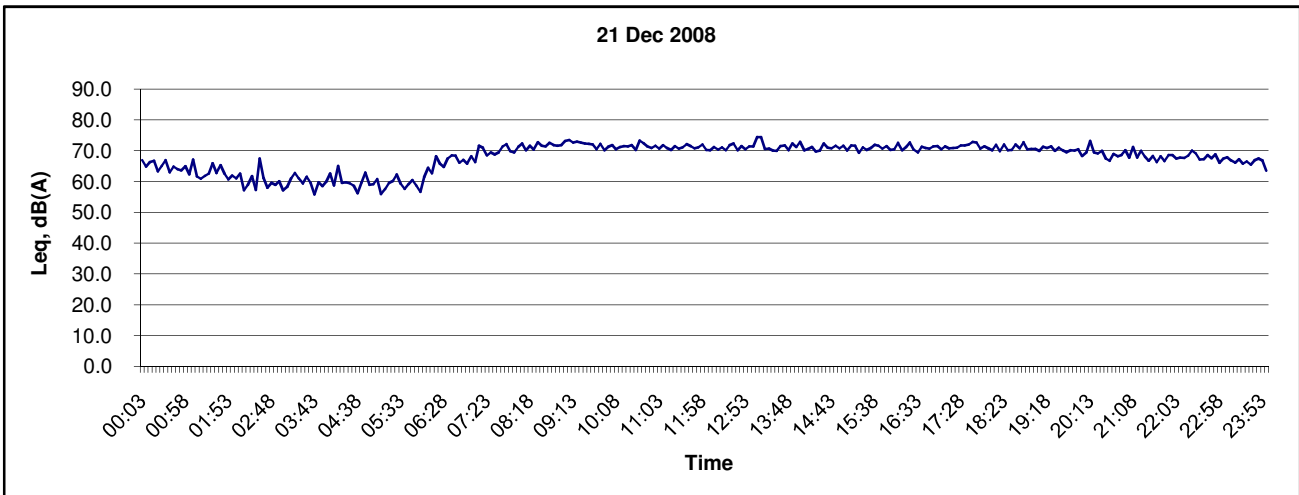


## Noise Level at The Harbour View (NC10)



Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel  Graphical Presentation of Baseline Noise Levels at The Harbour View (NC10)	Scale N.T.S	Project No. MA 8001	CINOTECH
	Date Dec 08	Appendix C	

## Noise Level at The Harbour View (NC10)



Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel  Graphical Presentation of Baseline Noise Levels at The Harbour View (NC10)	Scale N.T.S	Project No. MA 8001	
	Date Dec 08	Appendix C	

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**APPENDIX D  
BASELINE NOISE MONITORING  
SCHEDULE**

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**Drainage Improvement in Northern Hong Kong Island - Hong Kong West Drainage Tunnel  
Baseline Noise Monitoring Schedule at Intakes (Part II) in November and December 2008**

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
26-Oct	27-Oct	28-Oct	29-Oct	30-Oct	31-Oct	1-Nov
2-Nov	3-Nov	4-Nov	5-Nov	6-Nov	7-Nov	8-Nov
9-Nov	10-Nov	11-Nov	12-Nov	13-Nov	14-Nov	15-Nov
16-Nov	17-Nov	18-Nov	19-Nov	20-Nov	21-Nov	22-Nov
23-Nov	24-Nov	25-Nov	26-Nov	27-Nov	28-Nov	29-Nov
		Noise NC4 and NC5	Noise NC4, NC5 and NC6	Noise NC4, NC5 and NC6	Noise NC4, NC5 and NC6	Noise NC4, NC5 and NC6

The schedule may be changed due to unforeseen circumstances (adverse weather, etc)

**Noise Monitoring Station**

- NC4 - Man Yuen Garden
- NC5 - Blk D Villa Monte Rosa
- NC6 - Rosaryhill School
- NC10 - The Harbour View

**Drainage Improvement in Northern Hong Kong Island - Hong Kong West Drainage Tunnel  
Baseline Noise Monitoring Schedule at Intakes (Part II) in November and December 2008**

<b>Sunday</b>	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>	<b>Saturday</b>
30-Nov	1-Dec	2-Dec	3-Dec	4-Dec	5-Dec	6-Dec
Noise NC4, NC5 and NC6	Noise NC4, NC5 and NC6	Noise NC4, NC5 and NC6	Noise NC4, NC5 and NC6	Noise NC4, NC5 and NC6	Noise NC4, NC5 and NC6	Noise NC4, NC5 and NC6
<b>7-Dec</b>	8-Dec	<b>9-Dec</b>	10-Dec	11-Dec	12-Dec	13-Dec
Noise NC4, NC5 and NC6	Noise NC4, NC5 and NC6	Noise NC6 and NC10	Noise NC6 and NC10	Noise NC10	Noise NC10	Noise NC10
<b>14-Dec</b>	15-Dec	16-Dec	17-Dec	18-Dec	19-Dec	20-Dec
Noise NC10	Noise NC10	Noise NC10	Noise NC10	Noise NC10	Noise NC10	Noise NC10
<b>21-Dec</b>	22-Dec	23-Dec	24-Dec	25-Dec	26-Dec	27-Dec
Noise NC10	Noise NC10					
<b>28-Dec</b>	29-Dec	30-Dec	31-Dec	1-Jan	2-Jan	3-Jan

The schedule may be changed due to unforeseen circumstances (adverse weather, etc)

**Noise Monitoring Station**

NC4 - Man Yuen Garden  
 NC5 - Blk D Villa Monte Rosa  
 NC6 - Rosaryhill School  
 NC10 - The Harbour View

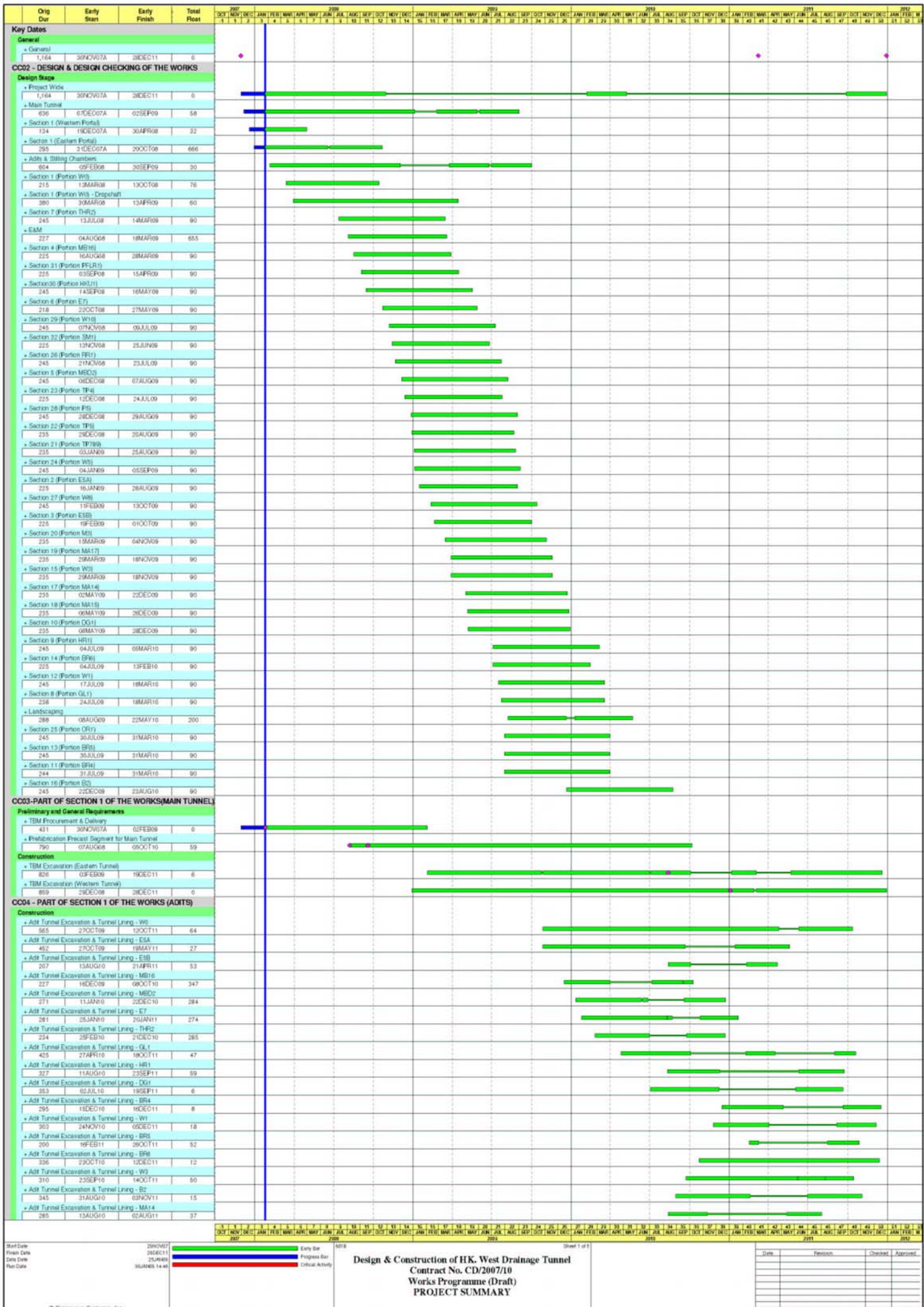
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**APPENDIX E**  
**CONSTRUCTION PROGRAMME**

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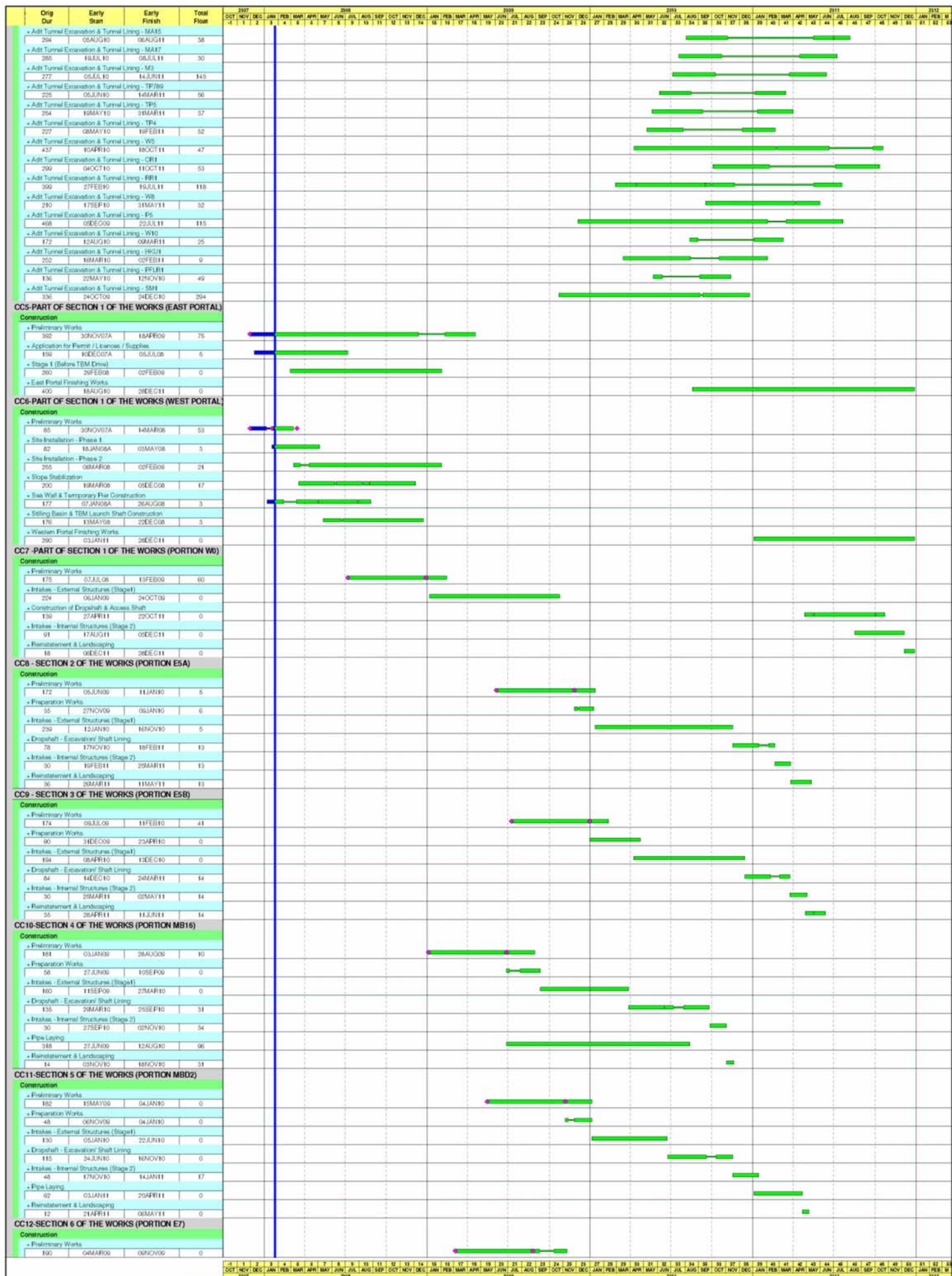
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Finish Date	25MAR08
Date Drawn	30JAN08 14:45
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Progress Bar	Blue
Critical Activity	Red

Design & Construction of HK. West Drainage Tunnel  
 Contract No. CD/2007/10  
 Works Programme (Draft)  
 PROJECT SUMMARY

Date	Revision	Checked	Approved





Start Date	22NOV07
Finish Date	26DEC11
Code Date	26JAN08
Run Date	26JAN08 14:49

Legend	Early Bar
Legend	Program Bar
Legend	Critical Activity

Design & Construction of HK, West Drainage Tunnel  
 Contract No. CD/2007/10  
 Works Programme (Draft)  
 PROJECT SUMMARY



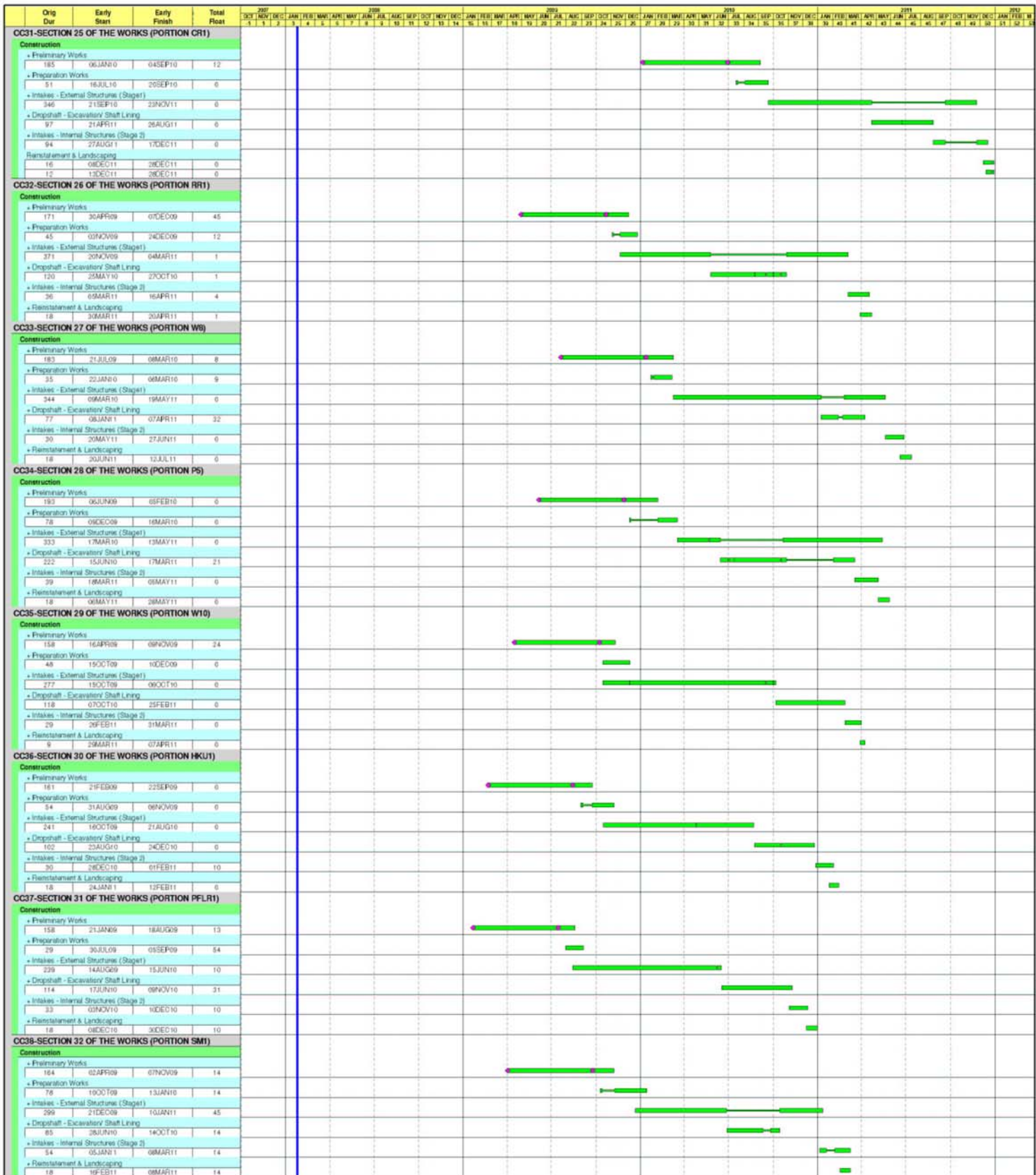
Date	Revision	Checked	Approved











2007 2008 2009 2010 2011 2012

Start Date	29NOV07
Finish Date	28DEC11
Start Date	25MAR08
Finish Date	30JAN08 14:40

■ Early Bar  
■ Progress Bar  
■ Critical Activity

Design & Construction of HK. West Drainage Tunnel  
 Contract No. CD/2007/10  
 Works Programme (Draft)  
 PROJECT SUMMARY

Date	Revision	Checked	Approved