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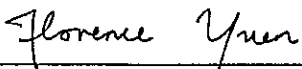
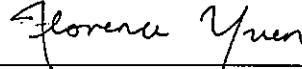
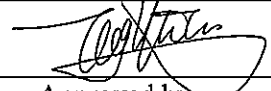
Maunsell

Contract No. SS M333

**Reprovisioning of Cremators at
Diamond Hill Crematorium**

Baseline Monitoring Report

October 2004

		
Reviewed by (PM):	Checked by:	Approved by: (Environmental Team Leader)

Report Version: Revision 0 Date of Submission: 11 October 2004

The information contained in this report is, to the best of our knowledge, correct at the time of printing. The interpretation and recommendations in the report are based on our experience, using reasonable professional skill and judgment, and based upon the information that was available to us. These interpretations and recommendations are not necessarily relevant to any aspect outside the restricted requirements of our brief. This report has been prepared for the sole and specific use of our client and MEMCL accepts no responsibility for its use by others.

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15 October 2004

BY POST & FAX (2524 811)

Architectural Services Department
 Queensway Government Offices
 66 Queensway
 Hong Kong

Your
 Ref:

 Our 1148-04/E04-83679
 Ref:

For attention of: Mr Michael Mak

Dear Mr Mak

**007NB-Reprovisioning of Cremators at Diamond Hill Crematorium
 Baseline Monitoring Report (Revision 0)**

We refer to the letter, ref.: S04904/C/fsyy410111 dated 11 October 2004, from MEMCL copied to us enclosing the captioned report and telephone conversation between Ms Florence Yuen of MEMCL and our Mr Adi Lee on 4 October 2004.

We have no comment on the captioned and hereby verified the report.

Should you have any queries, please do not hesitate to contact the undersigned on 2911 2719.

Yours sincerely,

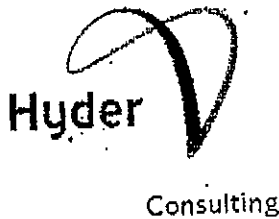
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 Independent Environmental Checker
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cc MEMCL – Mr. Thomas Chan (Fax: 2891 0305)

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6 October 2004

BY POST & FAX (2524 819)

Architectural Services Department
Queensway Government Offices
66 Queensway
Hong Kong

Your
Ref:

Our 1148-03/E04-82318
Ref:

For attention of: Mr Micheal Mak

Dear Mr Mak

**007NB-Reprovisioning of Cremators at Diamond Hill Crematorium
Draft Baseline Monitoring Report**

We refer to the faxes, ref.: S04904/Cfsyy409231 and S04904//C/fsyy410061 dated 14 September and 6 October 2004, from MEMCL copied to us regarding the draft baseline monitoring report and EC's responses to comments on the captioned report; and subsequent telephone conversation between Ms Florence Yuen of MEMCL and our Mr Adi Lee.

We have no further comment on the captioned report and hereby verified the report.

Should you have any queries, please do not hesitate to contact the undersigned on 2911 2719.

Yours sincerely

Mr. Coleman Ng
Independent Environmental Consultant
HYDER CONSULTING LIMITED

Enc

cc MEMCL – Mr. Thomas Chan (Fax: 2891 0305)

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EXECUTIVE SUMMARY

In accordance with the Environmental Monitoring and Audit Manual (EM&A Manual) for the Project "Reprovisioning of Cremators at Diamond Hill Crematorium", baseline monitoring of air quality and noise were required. This report presents the baseline monitoring results regarding the above environmental aspects performed in August 2004.

Air Quality

As stipulated in the EM&A Manual, baseline 1-hour and 24-hour Total Suspended Particulates (TSP monitoring were conducted at two monitoring stations (ASR8 and ASR17) for 14 consecutive days. For 1-hour TSP monitoring, measurements were taken three times (at three consecutive hours) per day during the same period of 24-hour TSP monitoring. Data collected was reviewed and analysed to establish the Action and Limit Levels for air quality during impact/compliance monitoring throughout the construction period of the Project. Details of the monitoring methodology, locations and results are presented in this report.

Noise

As stipulated in the EM&A Manual, baseline noise monitoring was conducted at three monitoring stations (SR3, SR4 and SR6). Data obtained from the baseline noise monitoring was processed to obtain the background noise levels according to the following two periods:

- Daytime: 07:00 – 19:00 hrs on normal weekdays
- Holiday Daytime: 07:00 – 19:00 hrs on general holidays

The background noise levels for the three stations were measured daily for a period of 14 consecutive days. Data collected was reviewed and analysed. Monitoring was conducted in accordance with the methodology in the EM&A Manual. Details of the monitoring locations and results are presented in this report.

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1. INTRODUCTION

Background

- 1.1 Maunsell Environmental Management Consultants Limited (MEMCL) was employed by Architectural Services Department (ASD) to undertake the Baseline Monitoring for the Project "Reprovisioning of Cremators at Diamond Hill Crematorium".
- 1.2 An Environmental Permit (EP) EP-179/2004 was issued by the Environmental Protection Department (EPD) to ASD, the Permit Holder, regarding the Project. Condition 7.2 of the EP requires baseline monitoring on construction dust and construction noise be conducted in a manner as set out in the EM&A Manual while Condition 7.3 of the EP requires submission of the baseline monitoring report to EPD at least 2 weeks before the commencement of the Project. In accordance with the EM&A Manual, baseline monitoring was undertaken and baseline monitoring report was prepared prior to commencement of the Project.

Purpose of the Report

- 1.3 The purpose of this baseline monitoring report is to set out baseline levels for air quality and noise in accordance with the EM&A Manual. These levels would be used as the basis for assessing environmental impact and compliance during construction phase of the Project. This report presents the baseline monitoring requirements, methodologies and results of air quality and noise measurements in accordance with the EM&A Manual.
- 1.4 This baseline report presents the monitoring works conducted in August 2004, including air quality monitoring at two stations (ASR8 & ASR17) and noise monitoring at three stations (SR3, SR4 and SR6). A layout plan of the Project is provided in Figure 1.1.

Structure of the Report

- 1.5 The structure of the report is as follows:
- Section 1: Introduction, background, purpose and the structure of the report.
 - Section 2: Air quality, which describes the baseline air quality monitoring requirements, methodology and results.
 - Section 3: Noise, which describes the baseline noise monitoring requirements, methodology and results.
 - Section 4: Revisions for the Inclusion in the EM&A Manual.
 - Section 5: Conclusions and Recommendations.

2. AIR QUALITY

Monitoring Requirements

- 2.1 In accordance with the EM&A Manual, baseline 1-hour and 24-hour TSP levels at 2 air quality monitoring stations were established. Baseline 1-hour and 24-hour TSP monitoring was conducted for fourteen consecutive days prior to commencement of construction of the Project.

Monitoring Equipment

- 2.2 Continuous 24-hour TSP air quality monitoring was performed using High Volume Sampler (HVS) (*Model: GS2310 Accu-vol*) located at each designated monitoring station. The HVS meets all the requirements of the updated EM&A Manual. Portable direct reading dust meters were used to carry out the 1-hour TSP monitoring. Table 2.1 summarizes the equipment used in the baseline air quality monitoring programme. A copy of the calibration certificates for the HVS and portable dust meters are attached in Appendix B.

Table 2.1 TSP Monitoring Equipment

Equipment	Model
HVS Sampler	GS 2310 Accu-vol system
Calibrator	GMW 25
1-hour TSP Dust Meter	Laser Dust Monitor – Model LD-3

- 2.3 The above monitoring equipment complied with the requirements as set out in Section 4.7 of the EM&A Manual.

Monitoring Parameters, Frequency and Duration

- 2.4 Table 2.2 summarizes the monitoring parameters, frequency and duration of baseline TSP monitoring. Baseline 1-hour and 24-hour TSP monitoring was carried out at two stations from 13 – 26 August 2004 for 14 consecutive days. Detailed baseline air quality monitoring schedule was provided in Appendix C.

Table 2.2 Air Quality Monitoring Parameters, Frequency and Duration

Monitoring Station	Parameter	Frequency and Duration
ASR8 & ASR17	24-hour TSP	Daily, for 14 consecutive days
	1-hour TSP	3 times (at three consecutive hours) per day, for 14 consecutive days

Monitoring Locations

- 2.5 Both monitoring stations were set up at the proposed locations in accordance with EM&A Manual. Table 2.3 describes details of the two monitoring stations. Their locations are shown in Figure 2.1.

Table 2.3 Locations of Air Quality Monitoring Stations

Monitoring Station	Identity / Description	Level
ASR8	Po Leung Kuk Grandmont Primary School	Roof top level of 7 storey building
ASR17	Staff Quarter for Diamond Hill Crematorium	Roof top level of 1 storey building

Monitoring Methodology*24-hour TSP Monitoring**Installation*

2.6 The HVS was installed in the vicinity of the air sensitive receivers. The following criteria were considered in the installation of the HVS.

- A horizontal platform with appropriate support to secure the sampler against gusty wind was provided.
- The distance between the HVS and any obstacles, such as buildings, was at least twice the height that the obstacle protrudes above the HVS.
- A minimum of 2 meters separation from walls, parapets and penthouse was required for rooftop sampler.
- No furnace or incinerator flues were nearby.
- Airflow around the sampler was unrestricted.
- Permission was obtained to set up the samplers and to obtain access to the monitoring stations.
- A secured supply of electricity is needed to operate the samplers.

Preparation of Filter Papers

- Glass fibre filters, G810 were labeled and sufficient filters that were clean and without pinholes were selected.
- All filters were equilibrated in the conditioning environment for 24 hours before weighing. The conditioning environment temperature was around 25 °C and not variable by more than ± 3 °C; the relative humidity (RH) was < 50% and not variable by more than ± 5 %. A convenient working RH was 40%.
- *ALS Technichem (HK) Pty Ltd.* has comprehensive quality assurance and quality control programmes.

Field Monitoring

- The power supply was checked to ensure the HVS works properly.
- The filter holder and the area surrounding the filter were cleaned.
- The filter holder was removed by loosening the four bolts and a new filter, with stamped number upward, on a supporting screen was aligned carefully.
- The filter was properly aligned on the screen so that the gasket formed an airtight seal on the outer edges of the filter.
- The swing bolts were fastened to hold the filter holder down to the frame. The pressure applied should be sufficient to avoid air leakage at the edges.
- Then the shelter lid was closed and was secured with the aluminum strip.
- The HVS was warmed-up for about 5 minutes to establish run-temperature conditions.
- A new flowrate record sheet was set into the flow recorder.
- The flow rate of the HVS was checked and adjusted at around 1.1 m³/min. The range specified in the EM&A Manual was between 0.6-1.7 m³/min.

- The programmable timer was set for a sampling period of 24 hrs \pm 1 hr, and the starting time, weather condition and the filter number were recorded.
- The initial elapsed time was recorded.
- At the end of sampling, the sampled filter was removed carefully and folded in half length so that only surfaces with collected particulate matter were in contact.
- It was then placed in a clean plastic envelope and sealed.
- All monitoring information was recorded on a standard data sheet.
- Filters were sent to *ALS Technichem (HK) Pty Ltd.* for analysis.

Maintenance and Calibration

- The HVS and its accessories are maintained in good working condition, such as replacing motor brushes routinely and checking electrical wiring to ensure a continuous power supply.
- HVSs are calibrated at bi-monthly intervals using GMW-25 Calibration Kit throughout all stages of the air quality monitoring.
- Calibration records are shown in Appendix B.

1-hour TSP Monitoring

Measuring Procedures

- 2.7 The measuring procedures of the 1-hour dust meter are in accordance with the Manufacturer's Instruction Manual as follows:

- Set POWER to "ON", push BATTERY button, make sure that the meter's indicator is in the range with a red line and allow the instrument to stand for about 3 minutes (Then, the air sampling inlet has been capped).
- Push the knob at MEASURE position.
- Push "O-ADJ" button. (Then meter's indication is 0).
- Push the knob at SENSI ADJ position and set the meter's indication to S value described on the Test Report using the trimmer for SENSI ADJ.
- Pull out the knob and return it to MEASURE position.
- Push "START" button.

Maintenance and Calibration

- The 1-hour TSP meter would be checked at 3-month intervals and calibrated at 1-year intervals throughout all stages of the air quality baseline monitoring.
- Calibration records for HVS and direct dust meters are shown in Appendix B.

Results and Observations

- 2.8 The baseline air quality monitoring results for ASR8 and 17 are summarized in Table 2.4. Detail 1-hour and 24-hour TSP monitoring results are presented in Appendix D.

Table 2.4 Summary of Baseline Air Quality Monitoring Results

Monitoring Station	Average 24-hour TSP Concentration ($\mu\text{g}/\text{m}^3$) (Range)	Average 1-hour TSP Concentration ($\mu\text{g}/\text{m}^3$) (Range)
ASR8	100.0 (14.6 – 216.2)	243.2 (92.1 – 729.7)
ASR17	67.9 (17.6 – 127.8)	243.7 (88.6 – 667.1)

- 2.9 The weather condition during the baseline monitoring period was mostly fine and cloudy. The weather condition from 13 to 26 August 2004 is provided in Appendix F.
- 2.10 The major dust sources were from road traffic along Po Kong Village Road and construction site between Po Leung Kuk Grandmont Primary School and Fu Shan Estate. → WSD site.

Action and Limit Levels

- 2.11 The Action and Limit levels (AL levels) have been set in accordance with the derivation criteria specified in the EM&A Manual. This is shown in Table 2.5.

Table 2.5 Derivation of Action and Limit Levels for Air Quality

Parameter	Action Level	Limit Level
24-hour TSP Level in $\mu\text{g}/\text{m}^3$	<ul style="list-style-type: none"> For baseline level $\leq 200 \mu\text{g}/\text{m}^3$, Action level = (Baseline level*1.3 + Limit level)/2 For baseline level $> 200 \mu\text{g}/\text{m}^3$, Action level = Limit level 	260
1-hour TSP Level in $\mu\text{g}/\text{m}^3$	<ul style="list-style-type: none"> For baseline level $\leq 384 \mu\text{g}/\text{m}^3$, Action level = (Baseline level*1.3 + Limit level)/2 For baseline level $> 384 \mu\text{g}/\text{m}^3$, Action level = Limit level 	500

- 2.12 Following the criteria shown in Table 2.5, the AL Levels for 24-hour and 1-hour TSP are derived and presented in Tables 2.6 & 2.7 respectively.

Table 2.6 Action and Limit Levels for 24-hour TSP

Monitoring Station	Action Level ($\mu\text{g}/\text{m}^3$)	Limit Level ($\mu\text{g}/\text{m}^3$)
ASR8	195.0	260
ASR17	174.1	260

Table 2.7 Action and Limit Levels for 1-hour TSP

Monitoring Station	Action Level ($\mu\text{g}/\text{m}^3$)	Limit Level ($\mu\text{g}/\text{m}^3$)
ASR8	408.1	500
ASR17	408.4	500

3. NOISE

Monitoring Requirements

- 3.1 In accordance with the EM&A Manual, baseline noise levels at 3 noise monitoring stations (SR3, SR4 and SR6) were established prior commencement of construction of the Project. Baseline noise monitoring was conducted daily for a period of fourteen days prior commencement of construction of the Project.

Monitoring Equipment

- 3.2 Integrating Sound Level Meters were used for noise monitoring. They were Type 1 sound level meters 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). They comply with International Electrotechnical Commission Publications 651:1979 (Type 1) and 804:1985 (Type 1). Table 3.1 summarizes the noise monitoring equipment model being used.

Table 3.1 Noise Monitoring Equipment

Equipment	Model
Integrating Sound Level Meter	1. B&K 2236C/2238 2. Rion NL-14/18/31
Calibrator	1. B&K 4231 2. Rion NC-73

Monitoring Parameters, Frequency and Duration

- 3.3 Table 3.2 summarizes the monitoring parameters, frequency and duration of baseline noise monitoring. Baseline noise for the A-weighted levels L_{eq} , L_{10} and L_{90} were recorded at 30-minute intervals daily on all weekdays at three designated monitoring stations between 0700-1900 hours from 13 to 26 August 2004. Consecutive 5-minute noise level readings were recorded between 0700 – 1900 hours on Sundays during the period, i.e., 15 and 22 August 2004. Detailed baseline noise monitoring schedule was provided in Appendix C.

Table 3.2 Noise Monitoring Parameters, Period and Frequency

Time Period	Duration, min	Parameters
Daytime: 0700-1900 hrs on normal weekdays	30 minute intervals, for 14 consecutive days	L_{eq} , L_{90} & L_{10}
Holiday Daytime: 0700-1900 hrs on general holidays	15 minute intervals (average of 3 consecutive $L_{eq}(5min)$), for 14 consecutive days	

Monitoring Locations

- 3.4 In accordance with the EM&A Manual, three stations were designated for noise monitoring. All monitoring stations were set up at the proposed locations in accordance with the approved EM&A Manual except SR3. As SR3 is a proposed new school which is under construction, an alternative monitoring location namely, Tsz Wan Shan Catholic Primary School, which is located next to the new school under construction was proposed as the updated noise monitoring location.

3.5 The locations of the designated monitoring stations are presented in Table 3.3 and depicted in Figure 3.1.

Table 3.3 Locations of Noise Monitoring Stations

Monitoring Station	Identity / Description	Level
SR3	Tsz Wan Shan Catholic Primary School	Roof top level of 7 storey building
SR4	Po Leung Kuk Grandmont Primary School	Roof top level of 7 storey building
SR6	Staff Quarter for Diamond Hill Crematorium	Roof top level of 1 storey building

Monitoring Methodology

Field Monitoring

- The Sound Level Meter was set on a tripod at a height of 1.2 m above the ground.
- Façade measurements were made at all three monitoring locations.
- The battery condition was checked to ensure the correct 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
 - time measurement : 30 minutes intervals (between 07:00 and 19:00 on normal weekdays) / 15 minutes intervals (average 3 consecutives Leq (5min)) (between 0700-1900 hrs on general holidays)
- Prior to and after each noise measurement, the meter was calibrated using a Calibrator for 94 dB at 1000 Hz. If the difference in the calibration level before and after measurement was more than 1 dB, the measurement would be considered invalid and repeat of noise measurement would be required after re-calibration or repair of the equipment.
- During the monitoring period, the L_{eq} , L_{10} and L_{90} would be recorded. In addition, site conditions and noise sources were recorded on a standard record sheet.
- Noise measurement was paused during periods of high intrusive noise (e.g. dog barking, helicopter noise) if possible. Observations were recorded when intrusive noise was unavoidable.
- Noise monitoring was cancelled in the presence of fog, rain, wind with a steady speed exceeding 5 m/s, or wind with gusts exceeding 10 m/s.

Maintenance and Calibration

- The microphone head of the sound level meter and calibrator is cleaned with soft cloth at quarterly intervals.
- The meter and calibrator are sent to the supplier or HOKLAS laboratory to check and calibrate at yearly intervals.
- Calibration records are shown in Appendix B.

Results and Observations

3.6 The baseline noise monitoring results for SR3, SR4 and SR6 are summarized in Tables 3.4 and 3.5. Detail noise monitoring results are presented in Appendix E.

Table 3.4 Summary of Daytime Noise Monitoring Results

Daytime: 0700-1900 hrs on normal weekdays	Mean & Range of Noise Levels, dB(A)		
	L _{eq}	L ₁₀	L ₉₀
SR3	65.1 (62.5 – 70.8)	67.8 (65.4 – 74.7)	60.5 (56.7 – 64.9)
SR4	65.6 (57.5 – 70.4)	67.3 (60.4 – 72.7)	62.9 (52.7 – 67.3)
SR6	68.5 (68.0 – 70.6)	69.9 (69.5 – 72.2)	63.8 (62.6 – 67.1)

Table 3.5 Summary of Holiday Daytime Noise Monitoring Results

Holiday Daytime: 0700-1900 hrs on general holidays	Mean & Range of Noise Levels, dB(A)		
	L _{eq}	L ₁₀	L ₉₀
SR3	63.5 (60.3 – 71.4)	66.4 (63.0 – 76.0)	58.3 (54.0 – 65.5)
SR4	60.7 (55.8 – 70.5)	62.9 (58.0 – 72.5)	56.5 (53.0 – 68.5)
SR6	68.5 (67.9 – 73.9)	69.8 (69.5 – 74.5)	63.8 (62.5 – 72.5)

- 3.7 The weather condition during the monitoring period was mostly fine and cloudy. The weather condition from 13 to 26 August 2004 is provided in Appendix F. No noise monitoring was conducted under increment weather condition, such as in the presence of fog, rain, wind with a steady speed exceeding 5 m/s, or gust exceeding 10 m/s.
- 3.8 The major noise sources were road traffic along Po Kong Village Road and construction site between Po Leung Kuk Grandmont Primary School and Fu Shan Estate.

Action and Limit Levels

- 3.9 The Action and Limit Levels (AL levels) have been set in accordance with the derivation criteria specified in the EM&A Manual. This is shown in Table 3.6.

Table 3.6 Derivation of Action and Limit Levels for Construction Noise

Time Period	Action Level	Limit Level
0700 – 1900 hours on normal weekdays	When one documented complaint is received from any one of the sensitive receivers	75 dB(A) ⁽¹⁾
0700 – 2300 hours on public holidays including Sundays and 1900 – 2300 hours on all days		60/65/70 dB(A) ⁽²⁾
2300 – 0700 hours on all days		45/50/55dB(A) ⁽²⁾

- (1) ~~Acceptable Noise Levels for Area Sensitivity Rating of A/B/C. Reduce to 70dB(A) for schools and 65dB(A) during school examination periods.~~
- (2) Acceptable Noise Levels for Area Sensitivity Rating of A/B/C respectively.

- 3.10 Following the criteria shown in Table 3.6, the AL Levels for noise are presented in Table 3.7. The

baseline noise levels would act as a basis for the correction to the impact noise levels. The AL Levels as shown in Table 3.7 would be applied for compliance assessment.

Table 3.7 Action and Limit Levels for Construction Noise

Time Period	Action Level	Limit Level		
		SR3	SR4	SR6
0700 – 1900 hours on normal weekdays	When one documented complaint is received from any one of the sensitive receivers	70/65*	70/65*	75
0700 – 2300 hours on public holidays including Sundays and		Subject to requirements stipulated in future Construction Noise Permits		
1900 – 2300 hours on all days				
2300 – 0700 on all days				

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

4. REVISIONS FOR INCLUSION IN THE EM&A MANUAL

4.1 The baseline monitoring for air quality and noise was conducted in accordance with the requirements as set out in the EM&A Manual. The monitoring programme as stipulated in the EM&A Manual generally meets the purpose to establish ambient conditions for air quality and noise prior to commencement of the construction of the Project.

5. COMMENTS AND CONCLUSIONS

5.1 This baseline monitoring report presents baseline monitoring results for air quality at ASR8 and ASR17 and noise at SR3, SR4 and SR6.

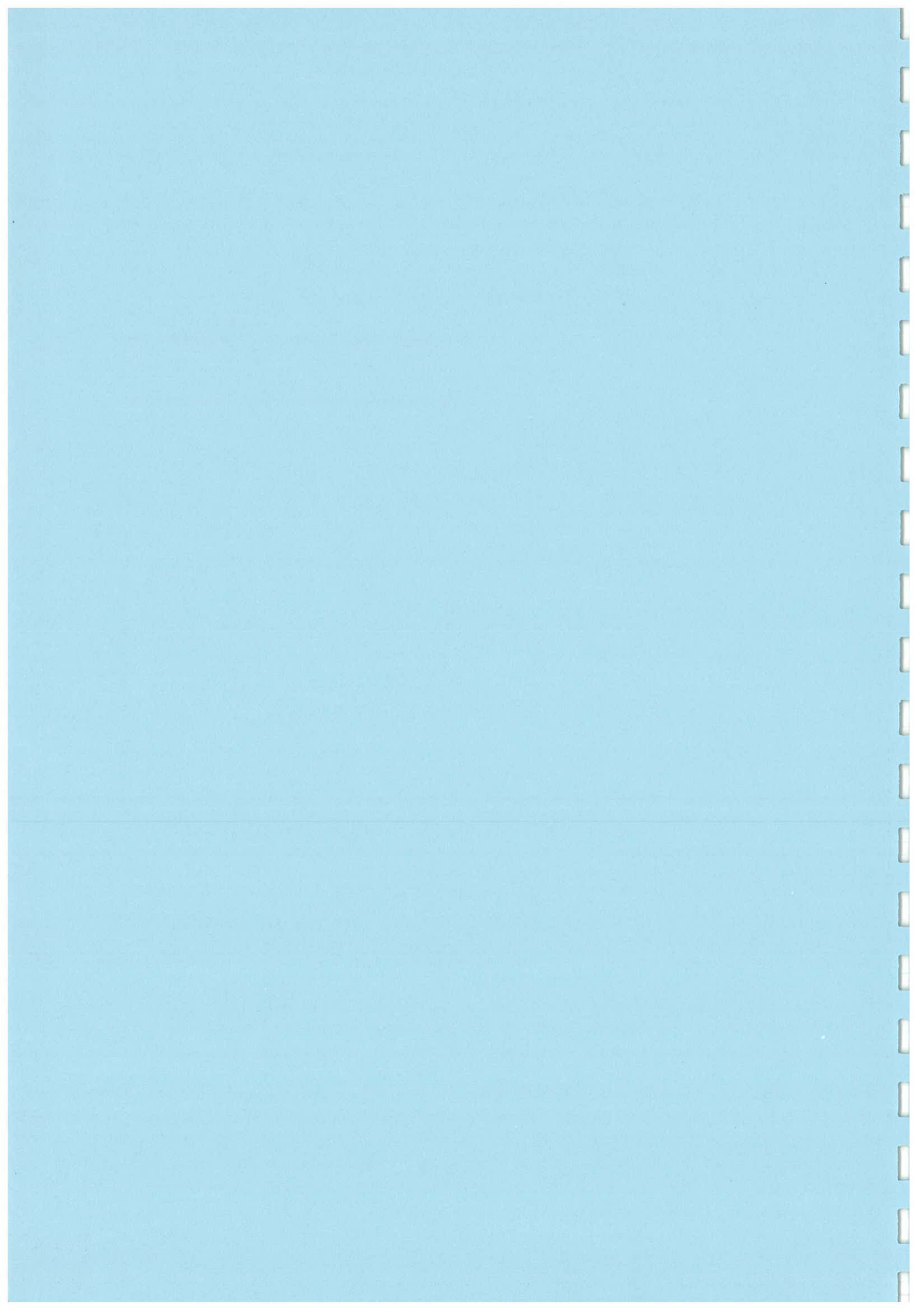
5.2 All monitoring equipment is properly calibrated and with valid calibration certificates.

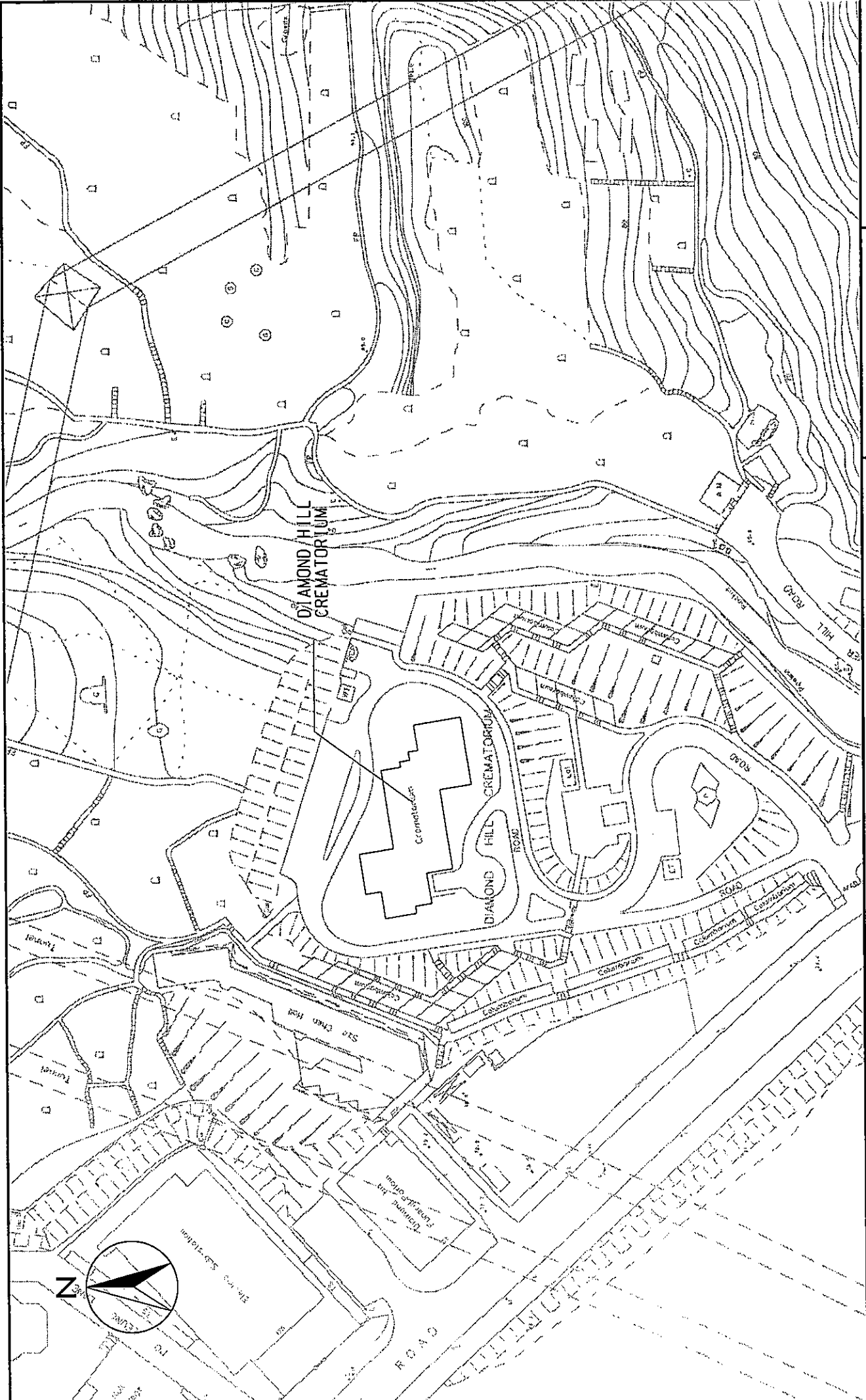
5.3 Baseline air quality monitoring was conducted at two designated monitoring stations. Road traffic along Po Kong Village Road and construction site between Po Leung Kuk Grandmont Primary School and Fu Shan Estate were the major dust source. Nevertheless, the results were representative for the ambient air conditions at the monitoring stations.

5.4 Baseline noise monitoring was conducted at three designated monitoring stations. Road traffic along Po Kong Village Road and construction site between Po Leung Kuk Grandmont Primary School and Fu Shan Estate were the major noise source. Nevertheless, the results were representative for the background noise condition at the monitoring stations.

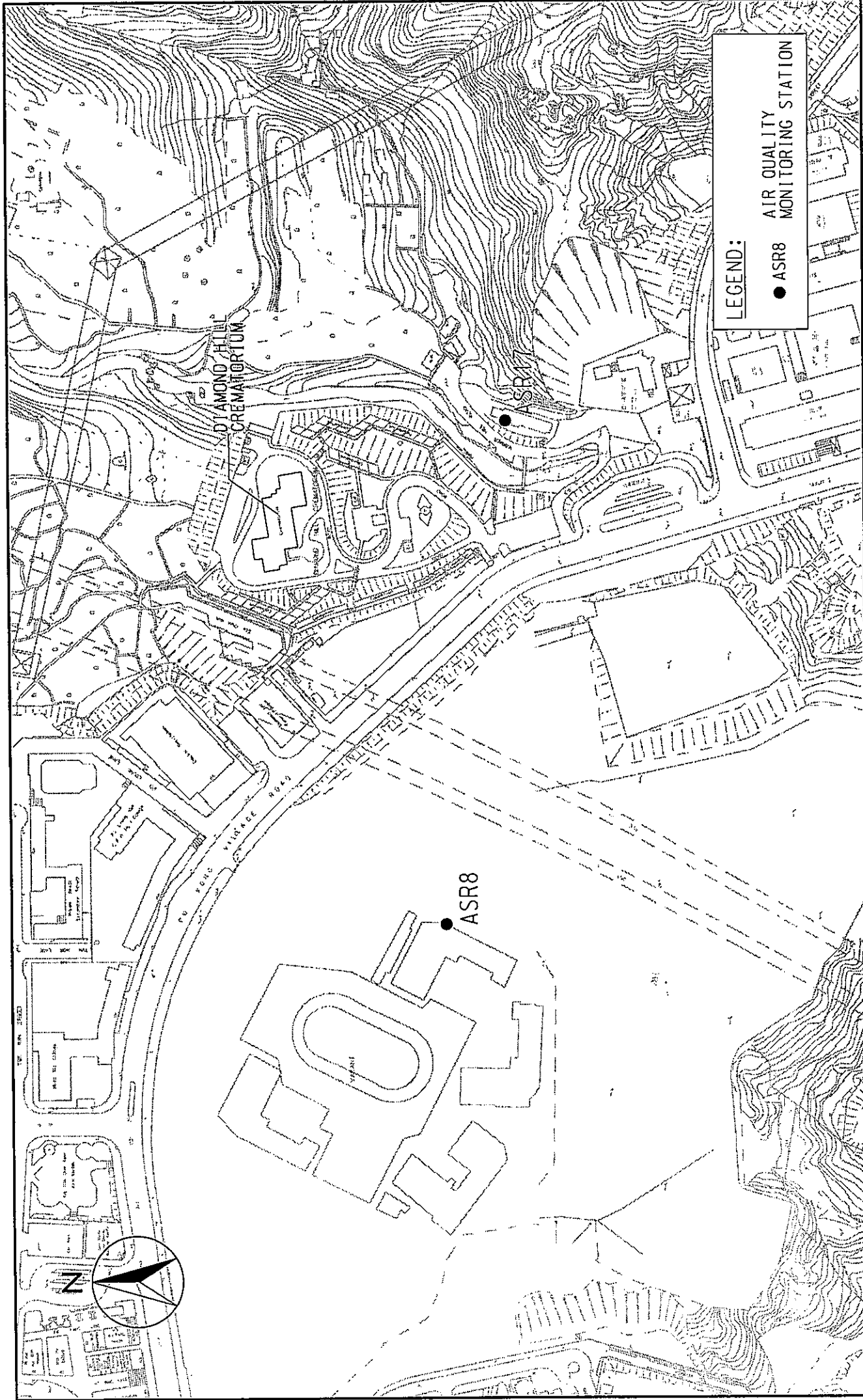
5.5 Data Established in this report are considered representative of the baseline conditions for the Project.

FIGURES

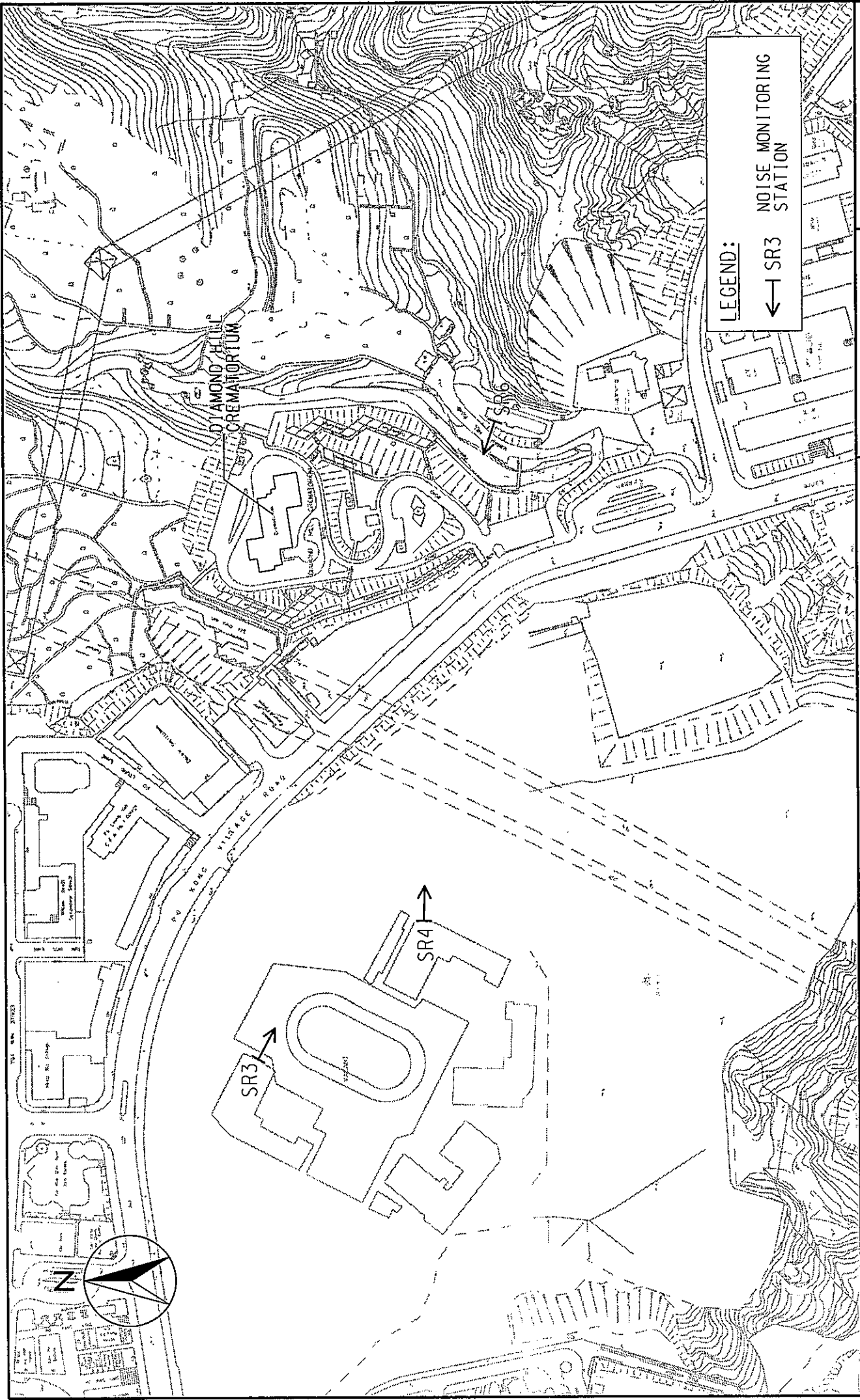




SCALE 比例 A4 1:1500	DATE 日期 SEP 2004
JOB NO. 項目編號 S04904	DRAWING No. 圖號 1.1
ENVIRONMENTAL CONSULTANT FOR 007NB - REPROVISIONING OF CREMATIORS AT DIAMOND HILL CREMATORIUM (BASELINE MONITORING) LAYOUT OF WORK SITE	
Maunsell ENVIRONMENTAL MANAGEMENT CONSULTANTS LTD. 茂盛環境管理顧問有限公司	

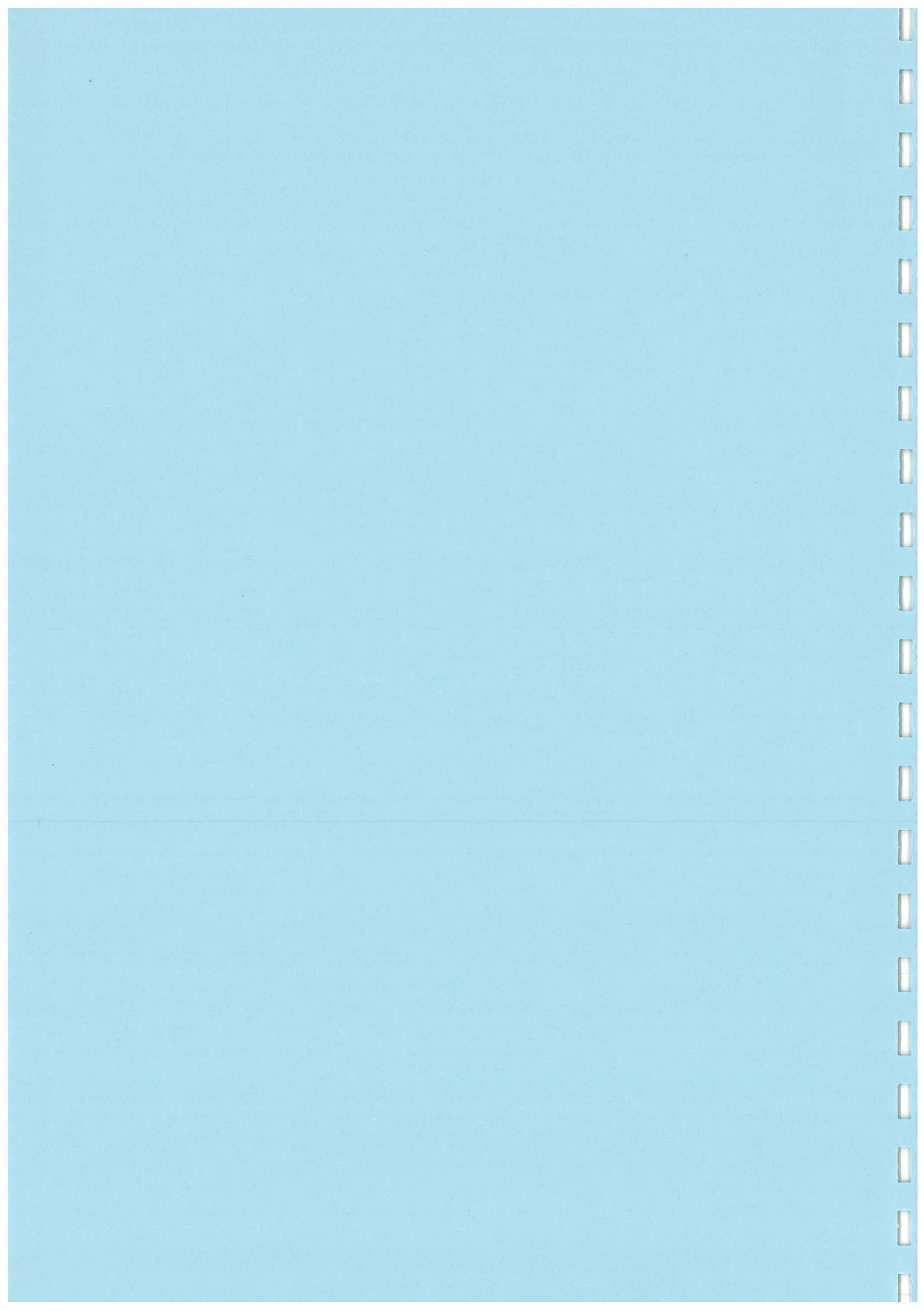


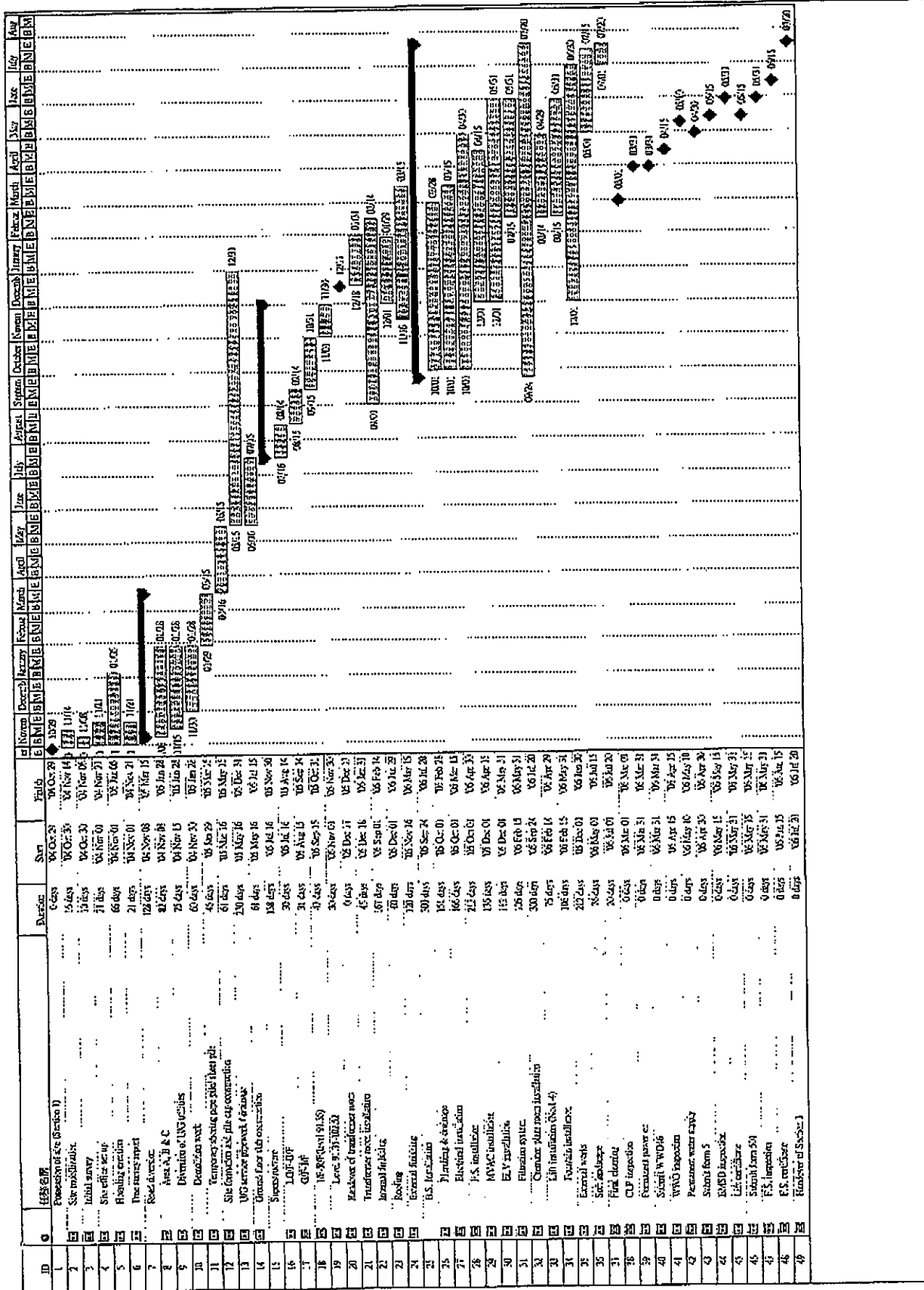
Maunsell ENVIRONMENTAL MANAGEMENT CONSULTANTS LTD. 茂盛環境管理顧問有限公司	ENVIRONMENTAL CONSULTANT FOR 007NB - REPROVISIONING OF CREMATOIRS AT DIAMOND HILL CREMATORIUM (BASELINE MONITORING)		SCALE 比例 A4 1:3000	DATE 日期 SEP 2004
	LOCATIONS OF AIR QUALITY MONITORING STATIONS		JOB NO. 項目編號 S04904	DRAWING NO. 圖號 2.1



Maunsell ENVIRONMENTAL MANAGEMENT CONSULTANTS LTD. 茂盛環境管理顧問有限公司	ENVIRONMENTAL CONSULTANT FOR 007NB - REPROVISIONING OF CREMATOIRS AT DIAMOND HILL CREMATORIUM (BASELINE MONITORING) LOCATIONS OF NOISE MONITORING STATIONS		SCALE 比例 A4 1:3000	DATE 日期 SEP 2004
			JOB NO. 項目編號 S04904	DRAWING NO. 圖號 3.1

**APPENDIX A
CONSTRUCTION PROGRAMME**





Prepared by: Mr. Est. To
 Programme ref: BHD/05/1001 Rev
 Date: 4 Oct 1980

Title: **Phase 1**

Status: **Summary**

Milestones: **Radius Up Date** (1979-12-31), **Radius Up Milestone** (1980-01-31), **Radius Up Progress** (1980-02-28), **Radius Up** (1980-03-31), **Estimate Vets** (1980-04-30), **Program Summary** (1980-05-31), **Once By Summary** (1980-06-30)

Approved by: _____

Master Programme for Requirements of District Hill Construction at P. Kang Village Road, New Loc. Phase 1

ID	任务名称	Duration	Start	Finish	Agg. Start	Agg. Stop	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb
1	1. 任务名称	0 days	07 Jul 21	07 Jul 21	07 Jul 21	07 Jul 21																	
2	2. Possession of site (Sector 2)	17 days	07 Jul 21	24 Aug 06	07 Jul 21	07 Jul 21																	
3	3. Site mobilisation	24 days	07 Jul 21	31 Aug 05	07 Jul 21	07 Jul 21																	
4	4. Hoarding erection	61 days	07 Aug 01	07 Oct 01	07 Aug 01	07 Aug 01																	
5	5. Demolition work	70 days	07 Oct 01	07 Nov 30	07 Oct 01	07 Oct 01																	
6	6. Site Formulation and pile cap construction	182 days	07 Dec 01	07 Jul 15	07 Dec 01	07 Dec 01																	
7	7. UK4 service pipe work / drainage	46 days	07 Dec 16	07 Feb 28	07 Dec 16	07 Dec 16																	
8	8. Ground floor slab construction	120 days	07 Feb 28	07 May 15	07 Feb 28	07 Feb 28																	
9	9. Superstructure	44 days	07 May 15	07 Jun 28	07 May 15	07 May 15																	
10	10. LIFT shaft	53 days	07 Jun 01	07 Aug 15	07 Jun 01	07 Jun 01																	
11	11. G/F LIFT	45 days	07 Jun 01	07 Jul 15	07 Jun 01	07 Jun 01																	
12	12. 1st floor level (91.5)	71 days	07 Jun 01	07 Jul 31	07 Jun 01	07 Jun 01																	
13	13. Switch room installation	133 days	07 Mar 01	07 Sep 15	07 Mar 01	07 Mar 01																	
14	14. External facade	60 days	07 May 15	07 Jul 31	07 May 15	07 May 15																	
15	15. Roofing	138 days	07 May 01	07 Sep 15	07 May 01	07 May 01																	
16	16. External finishing	250 days	07 Mar 01	07 Nov 15	07 Mar 01	07 Mar 01																	
17	17. E.S. installation	199 days	07 Mar 01	07 Sep 15	07 Mar 01	07 Mar 01																	
18	18. Plumbing & drainage	245 days	07 Mar 01	07 Oct 31	07 Mar 01	07 Mar 01																	
19	19. Electrical installation	211 days	07 Mar 15	07 Oct 31	07 Mar 15	07 Mar 15																	
20	20. F.S. installation	184 days	07 May 01	07 Oct 31	07 May 01	07 May 01																	
21	21. MVA installation	197 days	07 May 01	07 Nov 15	07 May 01	07 May 01																	
22	22. Firewater system	123 days	07 Jul 16	07 Sep 30	07 Jul 16	07 Jul 16																	
23	23. Lift installation (No.5-6)	75 days	07 Jul 16	07 Sep 30	07 Jul 16	07 Jul 16																	
24	24. Escalator installation	123 days	07 Jul 16	07 Sep 30	07 Jul 16	07 Jul 16																	
25	25. External works	229 days	07 May 01	07 Dec 15	07 May 01	07 May 01																	
26	26. Site landscape	92 days	07 Oct 01	07 Dec 31	07 Oct 01	07 Oct 01																	
27	27. Final cleaning	0 days	07 Dec 16	07 Dec 16	07 Dec 16	07 Dec 16																	
28	28. CLP inspection	0 days	07 Aug 15	07 Aug 15	07 Aug 15	07 Aug 15																	
29	29. Permanent power on	0 days	07 Sep 15	07 Sep 15	07 Sep 15	07 Sep 15																	
30	30. Submit WWO46	0 days	07 Sep 15	07 Sep 15	07 Sep 15	07 Sep 15																	
31	31. WWO inspection	0 days	07 Sep 15	07 Sep 15	07 Sep 15	07 Sep 15																	
32	32. Permanent water supply	0 days	07 Sep 18	07 Sep 18	07 Sep 18	07 Sep 18																	
33	33. Submit Form 5	0 days	07 Sep 30	07 Sep 30	07 Sep 30	07 Sep 30																	
34	34. EASD inspection	0 days	07 Oct 15	07 Oct 15	07 Oct 15	07 Oct 15																	
35	35. Lift certificate	0 days	07 Nov 01	07 Nov 01	07 Nov 01	07 Nov 01																	
36	36. Submit Form 504	0 days	07 Nov 02	07 Nov 02	07 Nov 02	07 Nov 02																	
37	37. F.S. inspection	0 days	07 Nov 22	07 Nov 22	07 Nov 22	07 Nov 22																	
38	38. F.S. certificate	0 days	07 Dec 05	07 Dec 05	07 Dec 05	07 Dec 05																	
39	39. Handover of section 2	0 days	07 Jan 11	07 Jan 11	07 Jan 11	07 Jan 11																	

Planned by: Mr. Eric To
 Program ref.: DTCRAPS2081 Rev
 Dated: 4 Oct 2004

Approved by:

Master Programme for Rejuvenation of Diamond Hill Crematorium at Po Kow Village Road, Kowloon, Hong Kong

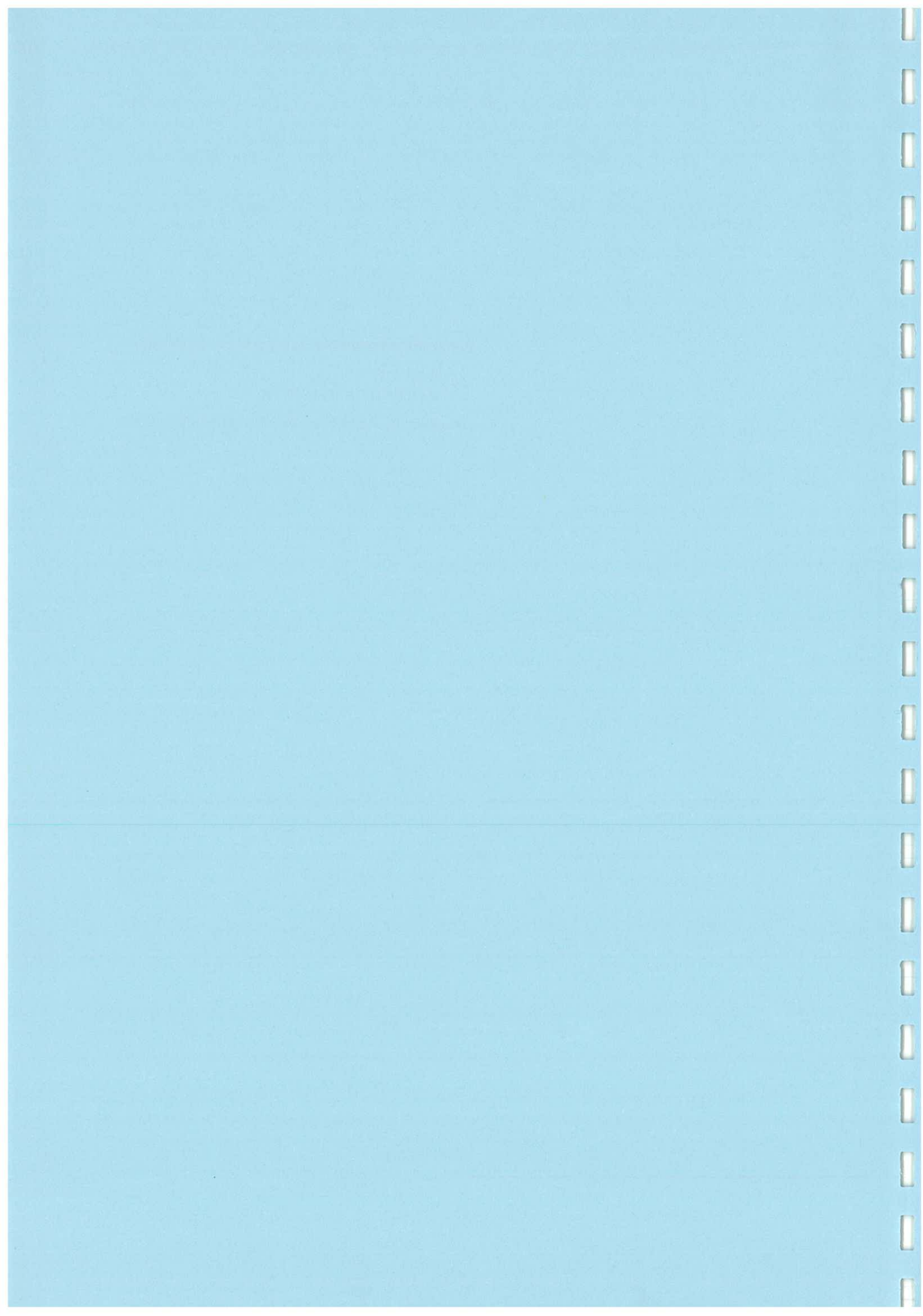
Task: Progress Milestone

Summary: Rolled Up Task, Rolled Up Milestone

Roll Up Progress: Project Summary, Group By Summary

Roll Up Milestone: External Tasks

**APPENDIX B
CALIBRATION RECORDS**



Maunsell Environmental Management Consultants Ltd.
TSP High Volume Sampler
Field Calibration Report

Station PLK Grandmont Primary School CA13 Operator: porky
 Cal. Date: 6-Aug-04 Next Due Date: 6-Oct-04
 Equipment No.: A001-52T Serial No. 10394

Ambient Condition			
Temperature, Ta (K)	303	Pressure, Pa (mmHg)	768.0

Orifice Transfer Standard Information					
Equipment No.:	A-003-04	Slope, mc	2.0042	Intercept, bc	-0.01683
Last Calibration Date:	12-Dec-03	$mc \times Qstd + bc = [DH \times (Pa/760) \times (298/Ta)]^{1/2}$			
Next Calibration Date:	11-Dec-04	$Qstd = \{[DH \times (Pa/760) \times (298/Ta)]^{1/2} - bc\} / mc$			

Calibration of TSP Sampler					
Resistance Plate No.	Orifice			HVS Flow Recorder	
	DH (orifice), in. of water	$[DH \times (Pa/760) \times (298/Ta)]^{1/2}$	Qstd (m ³ /min) X-axis	Flow Recorder Reading (CFM)	Continuous Flow Recorder Reading IC (CFM) Y-axis
18	11.6	3.40	1.70	44.0	43.86
13	9.4	3.06	1.53	40.0	39.88
10	7.1	2.66	1.33	33.0	32.90
7	4.3	2.07	1.04	26.0	25.92
5	2.7	1.64	0.83	22.0	21.93

By Linear Regression of Y on X
 Slope, mw = 25.6352 Intercept, bw = -0.0961
 Correlation Coefficient* = 0.9908
 *If Correlation Coefficient < 0.990, check and recalibrate.

Set Point Calculation

From the TSP Field Calibration Curve, take Qstd = 1.30m³/min
 From the Regression Equation, the "Y" value according to

$$mw \times Qstd + bw = IC \times [(Pa/760) \times (298/Ta)]^{1/2}$$

Therefore, Set Point; IC = (mw x Qstd + bw) x [(760 / Pa) x (Ta / 298)]^{1/2} = 33.33

Remarks: _____

QC Reviewer: Thomas Chen Signature: [Signature] Date: 09/08/04

Maunsell Environmental Management Consultants Ltd.
TSP High Volume Sampler
Field Calibration Report

Station Staff Quarter for Diamond Hill Crematorium (A2) Operator: porky
 Cal. Date: 6-Aug-04 Next Due Date: 6-Oct-04
 Equipment No.: A001-21T Serial No. 10278

Ambient Condition			
Temperature, Ta (K)	303	Pressure, Pa (mmHg)	768.0

Orifice Transfer Standard Information					
Equipment No.:	A-003-04	Slope, mc	2.0042	Intercept, bc	-0.01683
Last Calibration Date:	12-Dec-03	$mc \times Qstd + bc = [DH \times (Pa/760) \times (298/Ta)]^{1/2}$			
Next Calibration Date:	11-Dec-04	$Qstd = \{[DH \times (Pa/760) \times (298/Ta)]^{1/2} - bc\} / mc$			

Calibration of TSP Sampler					
Resistance Plate No.	Orifice			HVS Flow Recorder	
	DH (orifice), in. of water	$[DH \times (Pa/760) \times (298/Ta)]^{1/2}$	Qstd (m ³ /min) X-axis	Flow Recorder Reading (CFM)	Continuous Flow Recorder Reading IC (CFM) Y-axis
18	10.8	3.28	1.64	49.0	48.85
13	9.0	2.99	1.50	42.0	41.87
10	7.0	2.64	1.32	38.0	37.88
7	4.2	2.04	1.03	29.0	28.91
5	2.6	1.61	0.81	20.0	19.94

By Linear Regression of Y on X

Slope, mw = 32.9729 Intercept, bw = -6.0978

Correlation Coefficient* = 0.9908

*If Correlation Coefficient < 0.990, check and recalibrate.

Set Point Calculation

From the TSP Field Calibration Curve, take Qstd = 1.30m³/min

From the Regression Equation, the "Y" value according to

$$mw \times Qstd + bw = IC \times [(Pa/760) \times (298/Ta)]^{1/2}$$

Therefore, Set Point; IC = $(mw \times Qstd + bw) \times [(760 / Pa) \times (Ta / 298)]^{1/2} =$ 36.88

Remarks: _____

QC Reviewer: Thomas Chen

Signature: [Signature]

Date: 09/08/04

EQUIPMENT CALIBRATION RECORD

Type: Laser Dust Monitor
 Manufacturer/Brand: SIBATA
 Model No.: LD-3
 Equipment No.: A.005.07a
 Sensitivity Adjustment Scale Setting: 557 CPM
 Operator: Eddie Yang (EWNY)

Standard Equipment

Equipment: Rupprecht & Patashnick TEOM®
 Venue: Cyberport (Pui Ying Secondary School)
 Model No.: Series 1400AB
 Serial No.: Control: 140AB219899803
 Sensor: 1200C143659803 K_o: 12500
 Last Calibration Date*: 17 June 2004

*Remarks: Recommended interval for hardware calibration is 1 year

Calibration Result

Sensitivity Adjustment Scale Setting (Before Calibration): 557 CPM
 Sensitivity Adjustment Scale Setting (After Calibration): 557 CPM

Hour	Date (dd-mm-yy)	Time	Ambient Condition		Concentration ¹ (mg/m ³) Y-axis	Total Count ²	Count/ Minute ³ X-axis
			Temp (°C)	R.H. (%)			
1	19-06-04	12:00 - 13:00	31	80	0.02767	762	12.70
2	19-06-04	13:00 - 14:00	31	80	0.02698	727	12.12
3	19-06-04	14:00 - 15:00	30	79	0.02574	704	11.73
4	19-06-04	16:00 - 17:00	29	78	0.02939	819	13.65

Note: 1. Monitoring data was measured by Rupprecht & Patashnick TEOM®
 2. Total Count was logged by Laser Dust Monitor
 3. Count/minute was calculated by (Total Count/60)

By Linear Regression of Y or X

Slope (K-factor): 0.0022
 Correlation coefficient: 0.9345

Validity of Calibration Record: 1 July 2005

Remarks:

QC Reviewer: Thomas Chan Signature: Thomas Chan Date: 20 June 2004

EQUIPMENT CALIBRATION RECORD

Mausell

Type: Laser Dust Monitor
 Manufacturer/Brand: SIBATA
 Model No.: LD-3
 Equipment No.: A.005.08a
 Sensitivity Adjustment Scale Setting: 702 CPM
 Operator: Eddie Yang (EWNY)

Standard Equipment

Equipment: Rupprecht & Patashnick TEOM®
 Venue: Cyberport (Pui Ying Secondary School)
 Model No.: Series 1400AB
 Serial No: Control: 140AB219899803
 Sensor: 1200CI43659803 K₀: 12500
 Last Calibration Date*: 17 June 2004

*Remarks: Recommended interval for hardware calibration is 1 year

Calibration Result

Sensitivity Adjustment Scale Setting (Before Calibration): 702 CPM
 Sensitivity Adjustment Scale Setting (After Calibration): 702 CPM

Hour	Date (dd-mm-yy)	Time	Ambient Condition		Concentration ¹ (mg/m ³) Y-axis	Total Count ²	Count/ Minute ³ X-axis
			Temp (°C)	R.H. (%)			
1	19-06-04	12:00 - 13:00	31	80	0.02767	638	10.63
2	19-06-04	13:00 - 14:00	31	80	0.02698	619	10.32
3	19-06-04	14:00 - 15:00	30	79	0.02574	597	9.95
4	19-06-04	16:00 - 17:00	29	78	0.02939	697	11.62

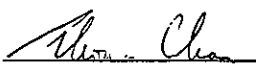
- Note:
- Monitoring data was measured by Rupprecht & Patashnick TEOM®
 - Total Count was logged by Laser Dust Monitor
 - Count/minute was calculated by (Total Count/60)

By Linear Regression of Y or X

Slope (K-factor): 0.0026
 Correlation coefficient: 0.9227

Validity of Calibration Record: 1 July 2005

Remarks:

QC Reviewer: Thomas Chan Signature:  Date: 30 June 2004



CERTIFICATE OF CALIBRATION

Certificate No.: 04CA0712 02-04 Page: 1 of 2 Pages

Item tested

Description:	Integrating Sound Level Meter;	Microphone.	
Manufacturer:	Bruel & Kjer, Denmark;	B&K	
Type/Model No.:	2238;	4188	
Serial/Equipment No.:	2255680;	2250454	(N. 009. 01)
Adaptors used:	-		

Item submitted by

Client:	Maunsell Environmental Management Consultants Ltd.
Request No.:	04CA0712 02-04
Date of request:	09/07/2004

Date of test: 13/07/2004

Reference equipment used in the calibration

Description:	Model:	Serial No.	Expiry Date:	Traceable to:
Multi function sound calibrator	B&K 4226	2288444	05/01/2005	NIM, China
Measuring amplifier	B&K 2610	2346941	10/12/2004	NIM
Signal generator	DS 360	33873	14/11/2004	NIM
Audio analyzer	8903B	GB41300350	09/12/2004	NIM
Digital multi-meter	34401A	US36087050	23/12/2004	SCM
Digital barometer	CST2001B	RR163	20/08/2007	NIM

Ambient conditions

Temperature:	(23 ± 3) °C
Relative humidity:	(50 ± 15) %
Air pressure:	(1010 ± 10) hPa

Test specifications

- The Sound Level Meter has been calibrated in accordance with the requirements as specified in BS 7580: Part 1: 1997 and the lab calibration procedure SMTP004-CA-152.
- The electrical tests were performed using an electrical signal substituted for the microphone which was removed and replaced by an equivalent capacitance within a tolerance of ±20%.
- The acoustic calibration was performed using an B&K 4226 sound calibrator.

Test results

This is to certify that the Sound Level Meter conforms to BS 7580: Part 1: 1997 for the Type 1 for the conditions under which the test was performed, i.e. conforms to IEC 60651 : 1979, IEC 60804 : 2000 for the type 1 for the conditions under which the test was performed.

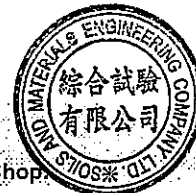
Details of the performed measurements are presented on page 2 of this certificate.

Approved Signatory:


Huang Jie Min/Qian Xing

Date: 13/07/2004

Company Chop:



The standard(s) and equipment used in the calibration are traceable to national or international recognised standards and are calibrated on a schedule to maintain the required accuracy level.



CERTIFICATE OF CALIBRATION

(Continuation Page)

Certificate No.: 04CA0712 02-04

Page: 2 of 2 Pages

1, Electrical Tests

The electrical tests were performed using an equivalent capacitance substituted for the microphone. The results are given in below with test status and the estimated uncertainties. The "Pass" means the result of the test is inside of the tolerances stated in the test specifications. The "-" means the result of test is outside of these tolerances.

Test:	Subtest:	Status:	Uncertainty
Self-generated noise	A	Pass	±0.4 dB
	C	Pass	±0.4 dB
	Lin/Flat	Pass	±0.4 dB
Linearity range for Leq	At reference range 5 dB 4000 Hz	Pass	±0.3 dB
	Reference SPL on all other range	Pass	±0.3 dB
	2 dB below upper limit of each range	Pass	±0.3 dB
	2 dB above lower limit of each range	Pass	±0.3 dB
Linearity range for SPL	At reference range 5 dB 4000 Hz	Pass	±0.3 dB
	Frequency weightings	A	Pass
	C	Pass	
Time weightings	Lin/Flat	Pass	±0.3 dB
	Single Burst Fast	Pass	±0.3 dB
	Single Burst Slow	Pass	±0.3 dB
Peak response	Single 100µs rectangular pulse	Pass	±0.3 dB
	R.M.S. accuracy	Crest factor of 3	Pass
Time weighting I	Single burst 5 ms at 2000 Hz	Pass	±0.3 dB
	Repeated at frequency of 100 Hz	Pass	±0.3 dB
Time averaging	1 ms burst duty factor 1/10 ³ at 4KHz	Pass	±0.3 dB
	1 ms burst duty factor 1/10 ⁴ at 4KHz	Pass	±0.3 dB
Pulse range	Single burst 10 ms at 4 KHz	Pass	±0.3 dB
	Sound exposure level	Single burst 10 ms at 4 KHz	Pass
Overload indication	SPL	Pass	±0.3 dB
	Leq	Pass	±0.3 dB

2, Acoustic tests

The complete sound level meter was calibrated on the reference range using a B&K 4226 acoustic calibrator with 1000Hz and SPL 94 dB. The sensitivity of the sound level meter was adjusted. The test result at 125 Hz and 8000 Hz are given in below with test status and the estimated uncertainties.

Test:	Subtest	Status	Uncertainty
Acoustic response	Weighting A at 125 Hz	Pass	±0.3 dB
	Weighting A at 8000 Hz	Pass	±0.3 dB

3, Response to associated sound calibrator

No sound calibrator was associated with the sound level meter.

The uncertainties have been calculated in accordance with the ISO Publication "Guide to the expression of uncertainty in measurement", and gives an interval estimated to have a level of confidence of 95 %. A coverage factor of 2 is assumed unless explicitly stated.

- End -

Calibrated by: J. Q. Feng
Date: 13/07/2004

Checked by:
Date: 13/07/2004

The standard(s) and equipment used in the calibration are traceable to national or international recognised standards and are calibrated on a schedule to maintain the required accuracy level.



CERTIFICATE OF CALIBRATION

Certificate No.: 04CA0712 02-03 Page: 1 of 2 Pages

Item tested

Description:	Integrating Sound Level Meter;	Microphone.
Manufacturer:	Bruel & Kjer, Denmark;	B&K
Type/Model No.:	2238;	4188
Serial/Equipment No.:	2255677;	2250420 (N. 009.02)
Adaptors used:	-	

Item submitted by

Client: Maunsell Environmental Management Consultants Ltd.
Request No.: 04CA0712 02-03
Date of request: 09/07/2004

Date of test: 13/07/2004

Reference equipment used in the calibration

Description:	Model:	Serial No.	Expiry Date:	Traceable to:
Multi function sound calibrator	B&K 4226	2288444	05/01/2005	NIM, China
Measuring amplifier	B&K 2610	2346941	10/12/2004	NIM
Signal generator	DS 360	33873	14/11/2004	NIM
Audio analyzer	8903B	GB41300350	09/12/2004	NIM
Digital multi-meter	34401A	US36087050	23/12/2004	SCM
Digital barometer	CST2001B	RR163	20/08/2007	NIM

Ambient conditions

Temperature: (23 ± 3) °C
Relative humidity: (50 ± 15) %
Air pressure: (1010 ± 10) hPa

Test specifications


- The Sound Level Meter has been calibrated in accordance with the requirements as specified in BS 7580: Part 1: 1997 and the lab calibration procedure SMTP004-CA-152.
- The electrical tests were performed using an electrical signal substituted for the microphone which was removed and replaced by an equivalent capacitance within a tolerance of ±20%.
- The acoustic calibration was performed using an B&K 4226 sound calibrator.

Test results

This is to certify that the Sound Level Meter conforms to BS 7580: Part 1: 1997 for the Type 1 for the conditions under which the test was performed, i.e. conforms to IEC 60651 : 1979, IEC 60804 : 2000 for the type 1 for the conditions under which the test was performed.

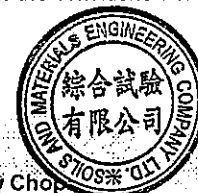
Details of the performed measurements are presented on page 2 of this certificate.

Approved Signatory:


-Huang Jian Min/Qian Xing

Date: 13/07/2004

Company Chop



The standard(s) and equipment used in the calibration are traceable to national or international recognised standards and are calibrated on a schedule to maintain the required accuracy level.



CERTIFICATE OF CALIBRATION

(Continuation Page)

Certificate No.: 04CA0712 02-03

Page: 2 of 2 Pages

1, Electrical Tests

The electrical tests were performed using an equivalent capacitance substituted for the microphone. The results are given in below with test status and the estimated uncertainties. The "Pass" means the result of the test is inside of the tolerances stated in the test specifications. The "-" means the result of test is outside of these tolerances.

Test:	Subtest:	Status:	Uncertainty
Self-generated noise	A	Pass	±0.4 dB
	C	Pass	±0.4 dB
	Lin/Flat	Pass	±0.4 dB
Linearity range for Leq	At reference range 5 dB 4000 Hz	Pass	±0.3 dB
	Reference SPL on all other range	Pass	±0.3 dB
	2 dB below upper limit of each range	Pass	±0.3 dB
	2 dB above lower limit of each range	Pass	±0.3 dB
Linearity range for SPL	At reference range 5 dB 4000 Hz	Pass	±0.3 dB
	Frequency weightings	A	Pass
	C	Pass	
Time weightings	Lin/Flat	Pass	±0.3 dB
	Single Burst Fast	Pass	±0.3 dB
	Single Burst Slow	Pass	±0.3 dB
Peak response	Single 100µs rectangular pulse	Pass	±0.3 dB
R.M.S. accuracy	Crest factor of 3	Pass	±0.3 dB
Time weighting I	Single burst 5 ms at 2000 Hz	Pass	±0.3 dB
	Repeated at frequency of 100 Hz	Pass	±0.3 dB
Time averaging	1 ms burst duty factor 1/10 ³ at 4KHz	Pass	±0.3 dB
	1 ms burst duty factor 1/10 ⁴ at 4KHz	Pass	±0.3 dB
Pulse range	Single burst 10 ms at 4 KHz	Pass	±0.3 dB
Sound exposure level	Single burst 10 ms at 4 KHz	Pass	±0.3 dB
Overload indication	SPL	Pass	±0.3 dB
	Leq	Pass	±0.3 dB

2, Acoustic tests

The complete sound level meter was calibrated on the reference range using a B&K 4226 acoustic calibrator with 1000Hz and SPL 94 dB. The sensitivity of the sound level meter was adjusted. The test result at 125 Hz and 8000 Hz are given in below with test status and the estimated uncertainties.

Test:	Subtest	Status	Uncertainty
Acoustic response	Weighting A at 125 Hz	Pass	±0.3 dB
	Weighting A at 8000 Hz	Pass	±0.3 dB

3, Response to associated sound calibrator

No sound calibrator was associated with the sound level meter.

The uncertainties have been calculated in accordance with the ISO Publication "Guide to the expression of uncertainty in measurement", and gives an interval estimated to have a level of confidence of 95 %. A coverage factor of 2 is assumed unless explicitly stated.

- End -

Calibrated by: J. Q. Feng
Date: 13/07/2004

Checked by:
Date: 13/07/2004

The standard(s) and equipment used in the calibration are traceable to national or international recognised standards and are calibrated on a schedule to maintain the required accuracy level.



CERTIFICATE OF CALIBRATION

AJ-004-13A

Certificate No.: 04CA0712 02-01 Page: 1 of 2 Pages

Item tested

Description:	Integrating Sound Level Meter;	Microphone;	Preamplifier
Manufacturer:	RION Co., Ltd.	RION Co., Ltd;	RION Co., Ltd.
Type/Model No.:	NL-14;	UC-53A;	NH-20
Serial/Equipment No.:	10303232;	90535;	94750
Adaptors used:	-		

Item submitted by

Client: Maunsell Environmental Management Consultants Ltd.
Request No.: 04CA0712 02-01
Date of request: 09/07/2004

Date of test: 12/07/2004

Reference equipment used in the calibration

Description:	Model:	Serial No.	Expiry Date:	Traceable to:
Multi function sound calibrator	B&K 4226	2288444	05/01/2005	NIM, China
Measuring amplifier	B&K 2610	2346941	10/12/2004	NIM
Signal generator	DS 360	33873	14/11/2004	NIM
Audio analyzer	8903B	GB41300350	09/12/2004	NIM
Digital multi-meter	34401A	US36087050	23/12/2004	SCM
Digital barometer	CST2001B	RR163	20/08/2007	NIM

Ambient conditions

Temperature: (23 ± 2) °C
Relative humidity: (50 ± 15) %
Air pressure: (1010 ± 10) hPa

Test specifications


- The Sound Level Meter has been calibrated in accordance with the requirements as specified in BS 7580: Part 1: 1997 and the lab calibration procedure SMTP004-CA-152.
- The electrical tests were performed using an electrical signal substituted for the microphone which was removed and replaced by an equivalent capacitance within a tolerance of ±20%.
- The acoustic calibration was performed using an B&K 4226 sound calibrator.

Test results

This is to certify that the Sound Level Meter conforms to BS 7580: Part 1: 1997 for the Type 1 for the conditions under which the test was performed, i.e. conforms to IEC 60651 : 1979, IEC 60804 : 2000 for the type 1 for the conditions under which the test was performed.

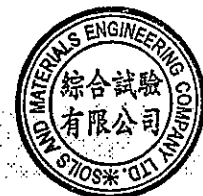
Details of the performed measurements are presented on page 2 of this certificate.

Approved Signatory:


Huang Jian Min/Qian Xing

Date: 12/07/2004

Company Chop:



The standard(s) and equipment used in the calibration are traceable to national or international recognised standards and are calibrated on a schedule to maintain the required accuracy level.



CERTIFICATE OF CALIBRATION

(Continuation Page)

Certificate No.: 04CA0712 02-01

Page: 2 of 2 Pages

1, Electrical Tests

The electrical tests were performed using an equivalent capacitance substituted for the microphone. The results are given in below with test status and the estimated uncertainties. The "Pass" means the result of the test is inside the tolerances stated in the test specifications. The "-" means the result of test is outside these tolerances.

Test:	Subtest:	Status:	Uncertainty
Self-generated noise	A	Pass	±0.4 dB
	C	Pass	±0.4 dB
	Lin/Flat	Pass	±0.4 dB
Linearity range for Leq	At reference range 5 dB 4000 Hz	Pass	±0.3 dB
	Reference SPL on all other range	Pass	±0.3 dB
	2 dB below upper limit of each range	Pass	±0.3 dB
	2 dB above lower limit of each range	Pass	±0.3 dB
Linearity range for SPL	At reference range 5 dB 4000 Hz	Pass	±0.3 dB
	A	Pass	±0.3 dB
	C	Pass	±0.3 dB
Frequency weightings	Lin/Flat	Pass	±0.3 dB
	Time weightings	Pass	±0.3 dB
	Single Burst Fast	Pass	±0.3 dB
Peak response	Single Burst Slow	Pass	±0.3 dB
	Single 100µs rectangular pulse	Pass	±0.3 dB
R.M.S. accuracy	Crest factor of 3	Pass	±0.3 dB
	Time weighting I	Pass	±0.3 dB
Time averaging	Single burst 5 ms at 2000 Hz	Pass	±0.3 dB
	Repeated at frequency of 100 Hz	Pass	±0.3 dB
Pulse range	1 ms burst duty factor 1/10 ³ at 4kHz	Pass	±0.3 dB
	1 ms burst duty factor 1/10 ⁴ at 4kHz	Pass	±0.3 dB
Sound exposure level	Single burst 10 ms at 4 kHz	Pass	±0.3 dB
	Single burst 10 ms at 4 kHz	Pass	±0.3 dB
Overload indication	SPL	Pass	±0.3 dB
	Leq	Pass	±0.3 dB

2, Acoustic tests

The complete sound level meter was calibrated on the reference range using a B&K 4226 acoustic calibrator with 1000Hz and SPL 94 dB. The sensitivity of the sound level meter was adjusted. The test result at 125 Hz and 8000 Hz are given in below with test status and the estimated uncertainties.

Test:	Subtest	Status	Uncertainty
Acoustic response	Weighting A at 125 Hz	Pass	±0.3 dB
	Weighting A at 8000 Hz	Pass	±0.3 dB

3, Response to associated sound calibrator

No sound calibrator was associated with the sound level meter.

The uncertainties have been calculated in accordance with the ISO Publication "Guide to the expression of uncertainty in measurement", and gives an interval estimated to have a level of confidence of 95 %. A coverage factor of 2 is assumed unless explicitly stated.

- End -

Calibrated by: J. Q. Feng
Date: 12/07/2004

Checked by:
Date: 12/07/2004

The standard(s) and equipment used in the calibration are traceable to national or international recognised standards and are calibrated on a schedule to maintain the required accuracy level.



CERTIFICATE OF CALIBRATION

Certificate No.: 04CA0730 01

Page: 1 of 2 Pages

Item tested

Description: Sound Level Calibrator
 Manufacturer: B&K, Denmark
 Type/Model No.: 4231
 Serial/Equipment No.: 1790985 (N. 004. 01)
 Adaptors used: Yes

Item submitted by

Client: Maunsell Environmental Management Consultants Ltd.
 Request No.: 04CA0730 01
 Date of request: 29/07/2004

Date of test: 30/07/2004

Reference equipment used in the calibration

Description:	Model:	Serial No.	Expiry Date:	Traceable to:
Lab standard microphone	B&K 4180	2341427	10/12/2004	NIM
Preamplifier	B&K 2673	2239857	06/12/2004	NIM
Measuring amplifier	B&K 2610	2346941	10/12/2004	NIM
Signal generator	DS 360	33873	14/11/2004	NIM
Digital multi-meter	34401A	US36087050	23/12/2004	SCM
Audio analyzer	8903B	GB41300350	09/12/2004	NIM
Universal counter	53132A	MY40003662	12/12/2004	NIM

Ambient conditions

Temperature: 23 ± 2 °C
 Relative humidity: 50 ± 15 %
 Air pressure: 1013 ± 15 hPa

Test specifications

- The Sound Calibrator has been calibrated in accordance with the requirements as specified in IEC 60942 1997 Annex B and the lab calibration procedure SMTP004-CA-156.
- The calibrator was tested with its axis vertical facing downwards at the specific frequency using equivalent insert voltage technique.
- The results are rounded to the nearest 0.01 dB and 0.1 Hz and have not been corrected for variations from a reference pressure of 1013.25 hectoPascals as the maker's information indicates that the instrument is insensitive to pressure changes.

Test results

This is to certify that the sound calibrator conforms to the requirements of Annex B of IEC 60942: 1997 for the Class 1 for the conditions under which the test was performed, with sound pressure level 94 dB at frequency 1000 Hz.
 This does not imply that the sound calibrator meets IEC 60942 under any other conditions.

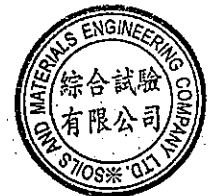
Details of the performed measurements are presented on page 2 of this certificate

Approved Signatory:

Huang Jian Min/Qian Xing

Date: 30/07/2004

Company Chop:



The standard(s) and equipment used in the calibration are traceable to national or international recognised standards and are calibrated on a schedule to maintain the required accuracy level.



CERTIFICATE OF CALIBRATION

(Continuation Page)

Certificate No.: 04CA0730 01 Page: 2 of 2 Pages

1. Measured Sound Pressure Level

The output Sound Pressure Level in the calibrator head was measured at the setting and frequency shown using a calibrated laboratory standard microphone and equivalent insert voltage technique. The results are given in below with the estimated uncertainties.

(Output level in dB re 20 µPa)

Frequency Shown Hz	94 dB Setting				Estimated Uncertainty dB
	Test 1 dB	Test 2 dB	Test 3 dB	Mean dB	
1000	93.97	93.97	93.96	93.97	±0.08

2. Sound Pressure Level Stability - Short Term Fluctuations

The Short Term Fluctuations was determined by measuring the maximum and minimum of the fast weighted DC output of the B&K 2610 measuring amplifier over a 20 second time interval as required in the standard. The Short Term Fluctuation was found to be:

At 1000 Hz STF = 0.005 dB
Estimated uncertainty ±0.005 dB

3. Actual Output Frequency

The determination of actual output frequency was made using a B&K 4180 microphone together with a B&K 2673 preamplifier connected to a B&K 2610 measuring amplifier. The AC output of the B&K 2610 was taken to an universal counter which was used to determine the frequency averaged over 20 second of operation as required by the standard. The actual output frequency at 1 kHz was:

At 1000 Hz Actual Frequency = 999.8 Hz
Estimated uncertainty ±0.1 Hz

4. Total Noise and Distortion

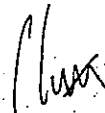
For the Total Noise and Distortion measurement, the unfiltered AC output of the B&K 2610 measuring amplifier was connected to a Type 8903 B distortion analyser. The TND result at 1 KHz was:

At 1000 Hz TND = 0.5%
Estimated uncertainty ±0.1%

The uncertainties have been calculated in accordance with the ISO Publication "Guide to the expression of uncertainty in measurement", and gives an interval estimated to have a level of confidence of 95 %. A coverage factor of 2 is assumed unless explicitly stated.

- End -

Calibrated by: J. Q. Feng
Date: 30/07/2004

Checked by: 
Date: 30/07/2004

The standard(s) and equipment used in the calibration are traceable to national or international recognised standards and are calibrated on a schedule to maintain the required accuracy level.



CERTIFICATE OF CALIBRATION

11/004 06

Certificate No.: 04CA0712 02-05

Page: 1 of 2 Pages

Item tested

Description: Sound Level Calibrator
Manufacturer: RION CO., Ltd.
Type/Model No.: NC-73
Serial/Equipment No.: 10307216
Adaptors used: -

Item submitted by

Client: Maunsell Environmental Management Consultants Ltd.
Request No.: 04CA0712 02-05
Date of request: 09/07/2004

Date of test: 12/07/2004

Reference equipment used in the calibration

Description:	Model:	Serial No.	Expiry Date:	Traceable to:
Lab standard microphone	B&K 4180	2341427	10/12/2004	NIM
Preamplifier	B&K 2673	2239857	06/12/2004	NIM
Measuring amplifier	B&K 2610	2346941	10/12/2004	NIM
Signal generator	DS 360	33873	14/11/2004	NIM
Digital multi-meter	34401A	US36087050	23/12/2004	NIM
Audio analyzer	8903B	GB41300350	09/12/2004	NIM
Universal counter	53132A	MY40003662	12/12/2004	NIM

Ambient conditions

Temperature: 23 ± 2 °C
Relative humidity: 50 ± 10 %
Air pressure: 1013 ± 15 hPa

Test specifications

- The Sound Calibrator has been calibrated in accordance with the requirements as specified in IEC 60942 1997 Annex B and the lab calibration procedure SMTP004-CA-156.
- The calibrator was tested with its axis vertical facing downwards at the specific frequency using equivalent insert voltage technique.
- The results are rounded to the nearest 0.01 dB and 0.1 Hz and have not been corrected for variations from a reference pressure of 1013.25 hectoPascals as the maker's information indicates that the instrument is insensitive to pressure changes.

Test results

This is to certify that the sound calibrator conforms to the requirements of annex B of IEC 60942: 1997 for the Class 1 for the conditions under which the test was performed, with sound pressure level 94 dB at frequency 1000 Hz. This does not imply that the sound calibrator meets IEC 60942 under any other conditions.

Details of the performed measurements are presented on page 2 of this certificate

Approved Signatory:

Huang Han Min/Qian Xing

Date: 12/07/2004

Company Chop



The standard(s) and equipment used in the calibration are traceable to national or international recognised standards and are calibrated on a schedule to maintain the required accuracy level.



CERTIFICATE OF CALIBRATION

(Continuation Page)

Certificate No.: 04CA0712 02-05

Page: 2 of 2 Pages

1. Measured Sound Pressure Level

The output Sound Pressure Level in the calibrator head was measured at the setting and frequency shown using a calibrated laboratory standard microphone and equivalent insert voltage technique. The results are given in below with the estimated uncertainties.

Frequency Shown Hz	94 dB Setting				Estimated Uncertainty dB
	Test 1 dB	Test 2 dB	Test 3 dB	Mean dB	
1000	93.99	93.99	93.99	93.99	±0.08

(Output level in dB re 20 μPa)

2. Sound Pressure Level Stability - Short Term Fluctuations

The Short Term Fluctuations was determined by measuring the maximum and minimum of the fast weighted DC output of the B&K 2610 measuring amplifier over a 20 second time interval as required in the standard. The Short Term Fluctuation was found to be:

At 1000 Hz **STF = 0.002 dB**

Estimated uncertainty **±0.005 dB**

3. Actual Output Frequency

The determination of actual output frequency was made using a B&K 4180 microphone together with a B&K 2673 preamplifier connected to a B&K 2610 measuring amplifier. The AC output of the B&K 2610 was taken to an universal counter which was used to determine the frequency averaged over 20 second of operation as required by the standard. The actual output frequency at 1 kHz was:

At 1000 Hz **Actual Frequency = 995.9 Hz**

Estimated uncertainty **±0.1 Hz**

4. Total Noise and Distortion

For the Total Noise and Distortion measurement, the unfiltered AC output of the B&K 2610 measuring amplifier was connected to a Type 8903 B distortion analyser. The TND result at 1 KHz was:

At 1000 Hz **TND = 1.7%**

Estimated uncertainty **±0.1%**

The uncertainties have been calculated in accordance with the ISO Publication "Guide to the expression of uncertainty in measurement", and gives an interval estimated to have a level of confidence of 95 %. A coverage factor of 2 is assumed unless explicitly stated.

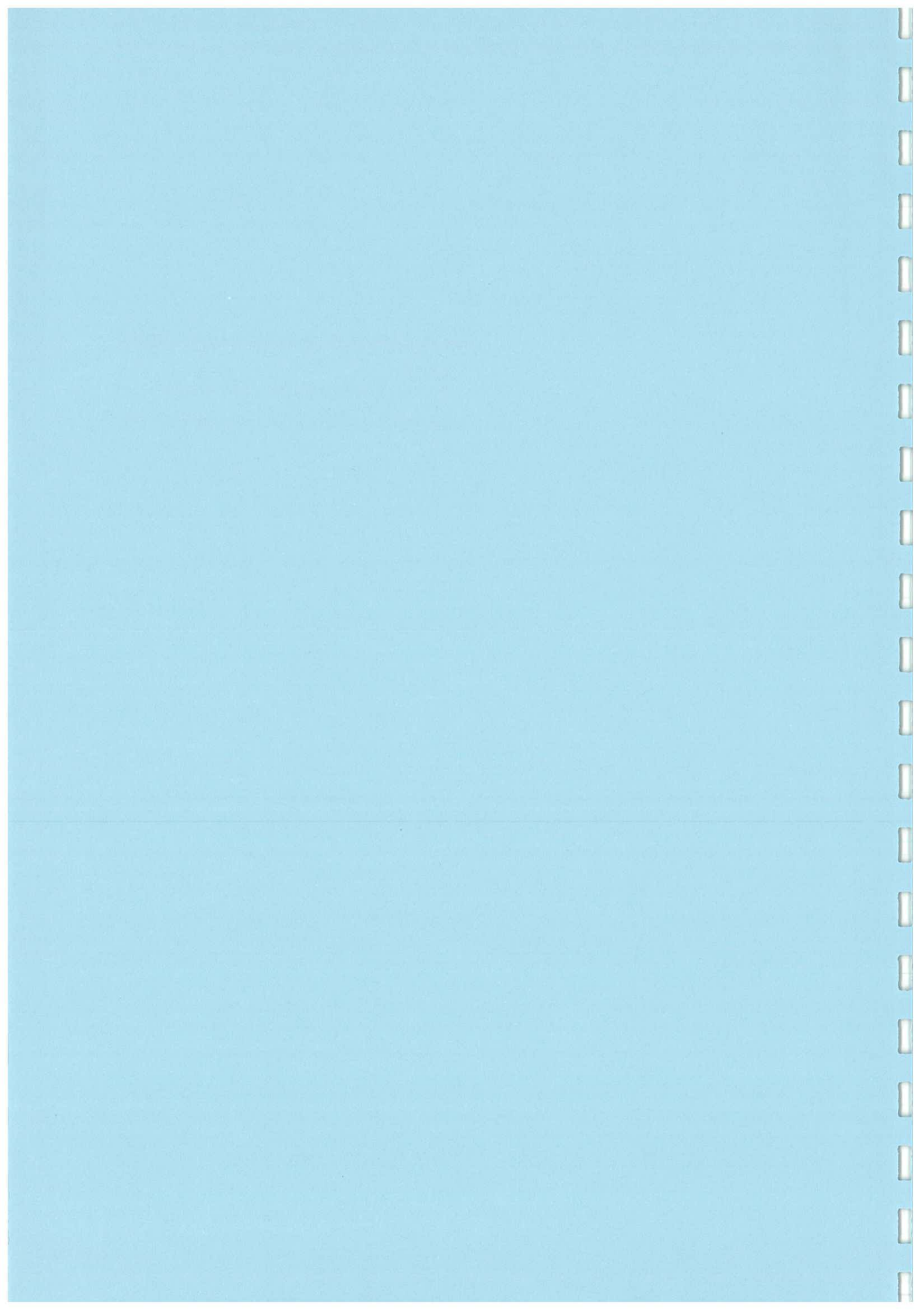
- End -

Calibrated by: **J. Q. Feng**
Date: 12/07/2004

Checked by:
Date: 12/07/2004

The standard(s) and equipment used in the calibration are traceable to national or international recognised standards and are calibrated on a schedule to maintain the required accuracy level.

APPENDIX C
BASELINE MONITORING SCHEDULES

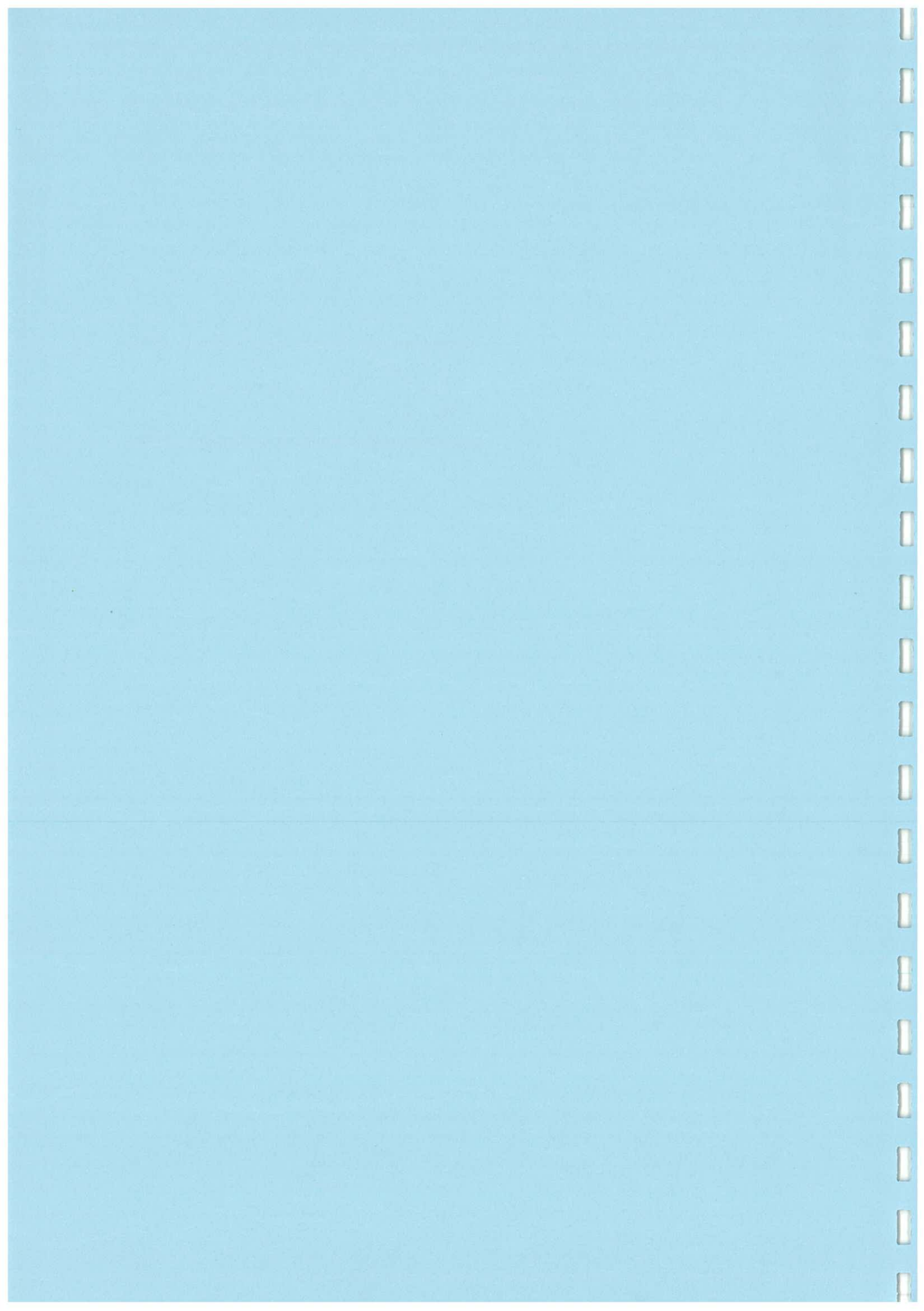


**Reprovisioning of Cremators at Diamond Hill Crematorium
Baseline Air Quality and Noise Monitoring Schedule for August 2004**

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



**APPENDIX D
BASELINE AIR QUALITY MONITORING
RESULTS**



APPENDIX D: Baseline Air Quality Monitoring Results

24-hour TSP Monitoring Results at Station ASR8

Date	Filter Weight (g)		Flow Rate (m ³ /min.)		Elapsed Time		Sampling Time(hrs.)	Conc. (µg/m ³)	Weather Condition	Particulate weight(g)	Av. flow (m ³ /min)	Total vol. (m ³)
	Initial	Final	Initial	Final	Initial	Final						
13-Aug-04	3.4657	3.5795	1.41	1.41	6167.5	6191.3	23.8	56.6	Cloudy	0.11	1.41	2012.3
14-Aug-04	3.4486	3.5081	1.41	1.41	6191.3	6214.5	23.2	30.4	Sunny	0.06	1.41	1959.1
15-Aug-04	3.4067	3.4348	1.37	1.37	6214.5	6237.9	23.5	14.6	Sunny	0.03	1.37	1927.0
16-Aug-04	3.4259	3.5475	1.33	1.33	6237.9	6261.2	23.3	65.4	Sunny	0.12	1.33	1858.5
17-Aug-04	3.4579	3.8518	1.33	1.33	6261.2	6285.2	24.0	205.7	Sunny	0.39	1.33	1915.2
18-Aug-04	3.4628	3.8757	1.33	1.33	6285.2	6309.2	23.9	216.2	Sunny	0.41	1.33	1909.6
19-Aug-04	3.4550	3.6970	1.45	1.45	6309.2	6333.2	24.0	116.1	Sunny	0.24	1.45	2083.7
20-Aug-04	3.4407	3.5012	1.41	1.41	6333.2	6356.4	23.2	30.8	Rainy	0.06	1.41	1963.3
21-Aug-04	3.4862	3.5386	1.21	1.21	6356.4	6379.5	23.1	31.4	Cloudy	0.05	1.21	1670.1
22-Aug-04	3.4801	3.5360	1.33	1.33	6379.5	6403.1	23.6	29.7	Sunny	0.06	1.33	1883.3
23-Aug-04	3.4866	3.7230	1.33	1.33	6403.1	6427.1	24.0	123.4	Sunny	0.24	1.33	1915.2
24-Aug-04	3.4814	3.7689	1.33	1.33	6427.1	6451.1	24.0	150.1	Sunny	0.29	1.33	1915.2
25-Aug-04	3.4952	3.8821	1.33	1.33	6451.1	6474.3	23.2	209.3	Fine	0.39	1.33	1849.0
26-Aug-04	3.4629	3.6903	1.33	1.33	6474.3	6497.9	23.6	120.7	Rainy	0.23	1.33	1884.1

Average	100.0
Min	14.6
Max	216.2

24-hour TSP Monitoring Results at Station ASR17

Date	Filter Weight (g)		Flow Rate (m ³ /min.)		Elapsed Time		Sampling Time(hrs.)	Conc. (µg/m ³)	Weather Condition	Particulate weight(g)	Av. flow (m ³ /min)	Total vol. (m ³)
	Initial	Final	Initial	Final	Initial	Final						
13-Aug-04	3.4511	3.5607	1.40	1.40	13817.9	13842.0	24.0	54.4	Cloudy	0.11	1.40	2016.5
14-Aug-04	3.4462	3.5084	1.37	1.37	13842.0	13865.2	23.3	32.6	Sunny	0.06	1.37	1908.4
15-Aug-04	3.4249	3.4580	1.34	1.34	13865.2	13888.7	23.5	17.6	Sunny	0.03	1.34	1882.0
16-Aug-04	3.4349	3.5133	1.31	1.31	13888.7	13911.9	23.3	43.0	Sunny	0.08	1.31	1823.3
17-Aug-04	3.4535	3.7052	1.37	1.37	13911.9	13935.9	24.0	127.8	Sunny	0.25	1.37	1969.9
18-Aug-04	3.4501	3.6987	1.37	1.37	13935.9	13959.9	24.0	126.2	Sunny	0.25	1.37	1969.9
19-Aug-04	3.4719	3.6011	1.40	1.40	13959.9	13983.9	24.0	64.2	Sunny	0.13	1.40	2013.1
20-Aug-04	3.4378	3.5103	1.40	1.40	13983.9	14007.2	23.3	37.2	Rainy	0.07	1.40	1951.0
21-Aug-04	3.4985	3.6072	1.40	1.40	14007.2	14030.3	23.1	56.1	Cloudy	0.11	1.40	1939.3
22-Aug-04	3.4647	3.5160	1.40	1.40	14030.3	14054.3	24.0	25.5	Sunny	0.05	1.40	2013.1
23-Aug-04	3.4848	3.6397	1.40	1.40	14054.2	14078.2	24.0	76.9	Sunny	0.15	1.40	2013.1
24-Aug-04	3.4431	3.6322	1.40	1.40	14078.2	14102.3	24.1	93.5	Sunny	0.19	1.40	2021.5
25-Aug-04	3.4998	3.7239	1.40	1.40	14102.3	14125.4	23.0	116.0	Fine	0.22	1.40	1931.8
26-Aug-04	3.4343	3.5915	1.37	1.37	14125.4	14149.4	24.0	79.8	Rainy	0.16	1.37	1969.9

Average	67.9
Min	17.6
Max	127.8

APPENDIX D: Baseline Air Quality Monitoring Results

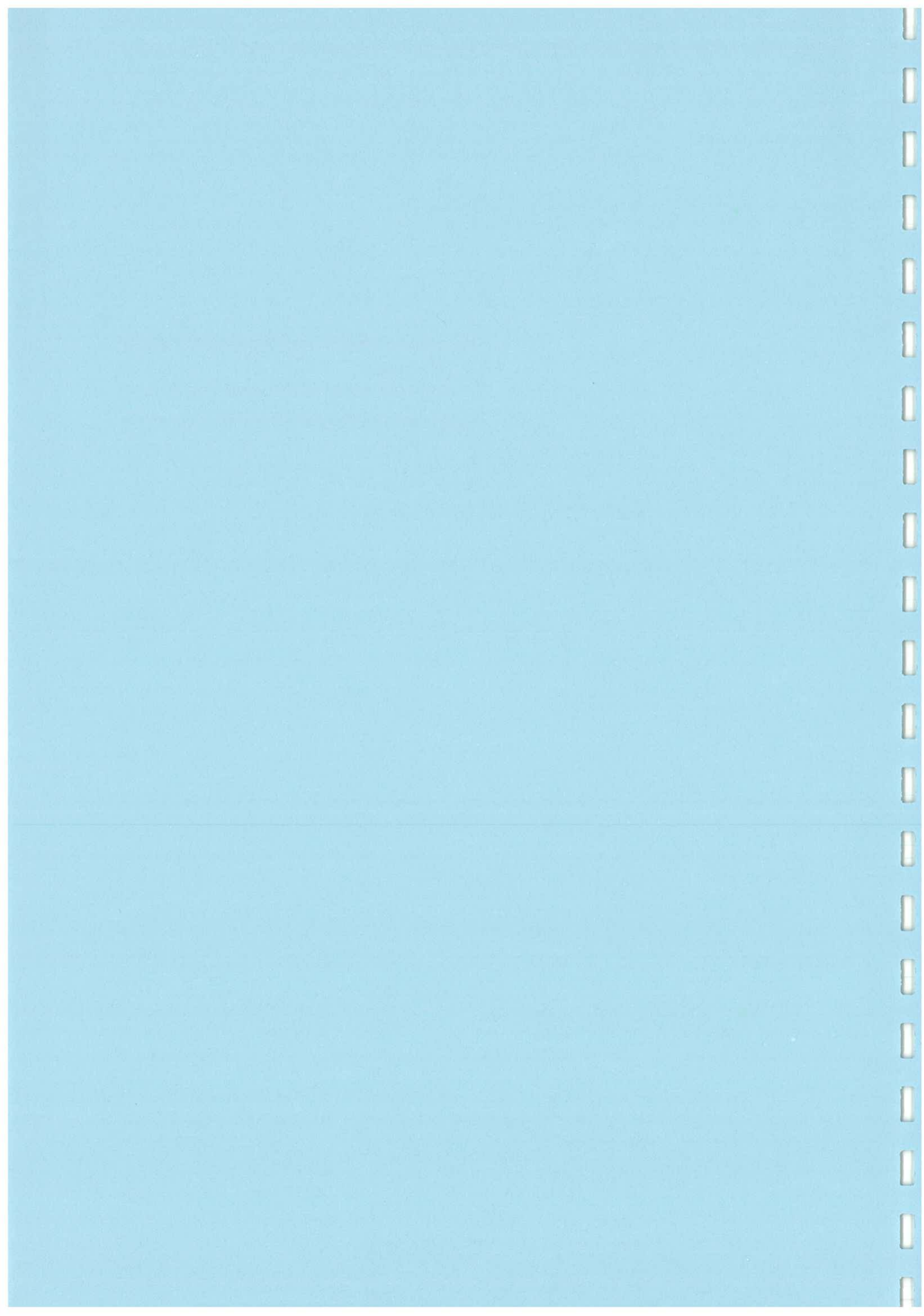
1-hour TSP Monitoring Results at Station ASR8

Date	Start Time (hh:mm)	1st Hour	2nd Hour	3rd Hour
		Conc. ($\mu\text{g}/\text{m}^3$)	Conc. ($\mu\text{g}/\text{m}^3$)	Conc. ($\mu\text{g}/\text{m}^3$)
13-Aug-04	11:00	119.3	122.5	115.3
14-Aug-04	9:00	102.6	115.1	111.1
15-Aug-04	9:00	104.7	101.3	92.1
16-Aug-04	9:00	128.9	133.7	126.9
17-Aug-04	9:02	127.1	131.3	141.0
18-Aug-04	10:57	200.2	179.7	208.6
19-Aug-04	10:50	(729.7)	326.3	357.1
20-Aug-04	11:57	293.9	294.9	285.7
21-Aug-04	9:17	266.2	258.3	259.6
22-Aug-04	9:10	351.1	349.2	340.0
23-Aug-04	11:56	301.3	303.9	306.7
24-Aug-04	12:59	481.8	507.9	521.0
25-Aug-04	12:30	217.1	211.2	210.2
26-Aug-04	11:52	220.6	230.0	229.2
Average				243.2
Min				92.1
Max				729.7

1-hour TSP Monitoring Results at Station ASR17

Date	Start Time (hh:mm)	1st Hour	2nd Hour	3rd Hour
		Conc. ($\mu\text{g}/\text{m}^3$)	Conc. ($\mu\text{g}/\text{m}^3$)	Conc. ($\mu\text{g}/\text{m}^3$)
13-Aug-04	10:35	88.6	88.7	91.7
14-Aug-04	9:00	136.6	138.5	132.2
15-Aug-04	9:00	129.3	130.7	132.3
16-Aug-04	9:08	115.5	131.5	136.2
17-Aug-04	9:06	156.0	159.3	152.9
18-Aug-04	10:15	375.7	238.2	233.0
19-Aug-04	10:13	(667.1)	309.2	243.4
20-Aug-04	11:48	281.7	266.3	269.0
21-Aug-04	9:02	295.7	304.1	288.5
22-Aug-04	9:00	278.0	285.9	287.1
23-Aug-04	11:48	289.0	280.5	282.2
24-Aug-04	12:55	541.3	566.1	510.8
25-Aug-04	12:00	156.3	157.9	158.4
26-Aug-04	11:40	247.6	244.4	258.3
Average				243.7
Min				88.6
Max				667.1

APPENDIX E
BASELINE NOISE MONITORING RESULTS



Appendix E: Baseline Noise Monitoring Results
0700-1900 hours on normal weekdays

SR3

Date	Time	dB (A) (30-min)			
		L _{eq}	L ₁₀	L ₅₀	L ₉₀
13-Aug	7:00	63.6	66.7	58.3	58.3
13-Aug	7:30	63.6	66.6	57.9	57.9
13-Aug	8:00	64.6	67.6	58.9	58.9
13-Aug	8:30	64.2	67.1	59.7	59.7
13-Aug	9:00	65.5	67.7	62.2	62.2
13-Aug	9:30	65.2	67.9	61.7	61.7
13-Aug	10:00	66.0	68.7	62.0	62.0
13-Aug	10:30	65.6	68.3	61.8	61.8
13-Aug	11:00	65.4	68.4	61.3	61.3
13-Aug	11:30	66.5	69.8	61.0	61.0
13-Aug	12:00	65.0	68.3	59.2	59.2
13-Aug	12:30	63.7	67.0	58.6	58.6
13-Aug	13:00	64.4	67.2	60.0	60.0
13-Aug	13:30	65.1	67.3	61.2	61.2
13-Aug	14:30	64.4	67.3	60.4	60.4
13-Aug	15:00	64.4	67.3	60.0	60.0
13-Aug	15:30	63.7	66.2	59.8	59.8
13-Aug	16:00	64.8	67.5	60.8	60.8
13-Aug	16:30	66.4	67.9	60.9	60.9
13-Aug	17:00	64.9	67.2	60.9	60.9
13-Aug	17:30	64.9	67.8	60.4	60.4
13-Aug	18:00	64.6	67.5	60.3	60.3
13-Aug	18:30	64.6	67.4	59.3	59.3
14-Aug	7:00	64.2	67.2	59.1	59.1
14-Aug	7:30	64.0	67.2	58.3	58.3
14-Aug	8:00	64.0	67.3	58.4	58.4
14-Aug	8:30	64.5	67.1	59.9	59.9
14-Aug	9:00	64.8	67.4	60.0	60.0
14-Aug	9:30	65.2	67.8	60.9	60.9
14-Aug	10:00	65.6	68.1	60.9	60.9
14-Aug	10:30	66.2	68.5	61.9	61.9
14-Aug	11:00	66.3	68.9	62.0	62.0
14-Aug	11:30	64.9	67.6	60.7	60.7
14-Aug	12:00	63.7	66.7	58.7	58.7
14-Aug	12:30	63.7	66.6	59.0	59.0
14-Aug	13:00	64.3	66.8	60.0	60.0
14-Aug	13:30	64.6	67.2	60.6	60.6
14-Aug	14:00	65.0	67.5	61.4	61.4
14-Aug	14:30	64.9	67.5	60.5	60.5
14-Aug	15:00	64.6	67.1	60.6	60.6
14-Aug	15:30	64.2	67.1	59.3	59.3
14-Aug	16:00	64.5	67.1	60.1	60.1
14-Aug	16:30	65.5	67.6	60.1	60.1
14-Aug	17:00	65.0	67.8	60.3	60.3
14-Aug	17:30	64.3	67.1	59.7	59.7

14-Aug	18:00	63.7	66.6	58.6	58.6
14-Aug	18:30	63.6	66.4	58.1	58.1
16-Aug	7:00	63.3	66.4	58.0	58.0
16-Aug	7:30	63.7	66.8	58.4	58.4
16-Aug	8:00	64.7	67.8	59.6	59.6
16-Aug	8:30	65.0	67.9	60.6	60.6
16-Aug	9:00	65.7	68.1	60.9	60.9
16-Aug	9:30	66.5	68.9	63.0	63.0
16-Aug	10:00	66.4	68.6	63.3	63.3
16-Aug	10:30	66.1	68.0	62.5	62.5
16-Aug	11:00	65.9	68.3	62.1	62.1
16-Aug	11:30	65.4	68.3	60.7	60.7
16-Aug	12:00	64.0	67.3	58.3	58.3
16-Aug	12:30	63.4	66.4	58.8	58.8
16-Aug	13:00	64.4	67.4	60.0	60.0
16-Aug	13:30	65.3	67.9	61.3	61.3
16-Aug	14:00	65.3	67.6	61.9	61.9
16-Aug	14:30	65.2	68.0	61.1	61.1
16-Aug	15:00	64.8	67.7	59.7	59.7
16-Aug	15:30	64.8	67.4	60.8	60.8
16-Aug	16:00	65.2	67.9	61.1	61.1
16-Aug	16:30	65.7	68.0	61.9	61.9
16-Aug	17:00	65.3	67.8	61.4	61.4
16-Aug	17:30	65.5	68.3	61.4	61.4
16-Aug	18:00	64.8	67.2	61.0	61.0
16-Aug	18:30	64.3	67.0	59.5	59.5
17-Aug	7:00	63.0	66.2	58.4	58.4
17-Aug	7:30	63.6	66.8	57.8	57.8
17-Aug	8:00	64.9	67.2	59.4	59.4
17-Aug	8:30	63.8	66.5	59.6	59.6
17-Aug	9:00	64.5	67.1	60.4	60.4
17-Aug	9:30	65.0	67.8	60.5	60.5
17-Aug	10:00	64.6	67.0	61.1	61.1
17-Aug	10:30	67.5	68.4	61.0	61.0
17-Aug	11:00	65.7	68.1	59.8	59.8
17-Aug	11:30	64.3	67.1	59.9	59.9
17-Aug	12:00	63.9	66.7	59.5	59.5
17-Aug	12:30	63.6	66.5	58.8	58.8
17-Aug	13:00	63.9	66.3	60.0	60.0
17-Aug	13:30	65.4	68.1	60.4	60.4
17-Aug	14:00	64.9	67.4	61.0	61.0
17-Aug	14:30	64.8	67.6	60.7	60.7
17-Aug	15:00	64.7	67.5	60.3	60.3
17-Aug	15:30	64.2	67.0	59.4	59.4
17-Aug	16:00	66.1	69.6	60.0	60.0
17-Aug	16:30	65.5	68.2	61.1	61.1
17-Aug	17:00	64.7	67.2	60.8	60.8
17-Aug	17:30	65.3	67.8	59.7	59.7
17-Aug	18:00	64.1	66.9	59.4	59.4
17-Aug	18:30	64.1	66.9	59.6	59.6
18-Aug	7:00	63.5	66.8	58.0	58.0
18-Aug	7:30	63.6	66.7	58.5	58.5
18-Aug	8:00	64.8	67.6	60.3	60.3

18-Aug	8:30	66.6	69.2	60.0
18-Aug	9:00	65.3	67.4	61.3
18-Aug	9:30	65.0	67.4	61.3
18-Aug	10:00	65.6	68.0	62.0
18-Aug	10:30	65.8	68.1	62.4
18-Aug	11:00	65.4	68.1	61.3
18-Aug	11:30	64.8	67.7	60.9
18-Aug	12:00	66.2	69.6	68.5
18-Aug	12:30	63.8	67.2	58.9
18-Aug	13:00	66.5	70.6	60.8
18-Aug	13:30	64.7	67.3	60.9
18-Aug	14:00	70.8	74.7	61.8
18-Aug	14:30	65.4	67.7	61.7
18-Aug	15:00	66.1	68.6	61.7
18-Aug	15:30	65.6	67.9	62.2
18-Aug	16:00	65.5	67.9	61.4
18-Aug	16:30	65.9	68.3	62.3
18-Aug	17:00	65.6	67.8	62.1
18-Aug	17:30	64.7	67.7	60.3
18-Aug	18:00	64.2	67.7	59.2
18-Aug	18:30	64.0	66.8	58.8
19-Aug	7:00	63.4	66.5	57.9
19-Aug	7:30	64.1	67.3	57.5
19-Aug	8:00	64.7	67.7	60.3
19-Aug	8:30	64.8	67.3	60.3
19-Aug	9:00	65.6	68.3	61.7
19-Aug	9:30	65.7	68.1	62.1
19-Aug	10:00	66.0	68.2	61.8
19-Aug	10:30	66.4	68.7	62.4
19-Aug	11:00	65.8	68.5	61.5
19-Aug	11:30	66.2	68.8	62.3
19-Aug	12:00	64.5	67.1	59.9
19-Aug	12:30	63.7	66.9	58.6
19-Aug	13:00	66.6	68.8	63.3
19-Aug	13:30	67.0	68.8	64.0
19-Aug	14:00	66.0	68.5	62.2
19-Aug	14:30	65.8	68.3	61.4
19-Aug	15:00	65.0	67.8	60.7
19-Aug	15:30	65.3	68.1	61.0
19-Aug	16:00	66.6	68.8	62.9
19-Aug	16:30	66.6	68.8	62.3
19-Aug	17:00	65.7	68.2	61.5
19-Aug	17:30	65.1	67.5	61.1
19-Aug	18:00	64.4	67.2	59.5
19-Aug	18:30	63.8	66.7	59.2
20-Aug	7:00	63.3	66.5	58.0
20-Aug	7:30	63.7	66.7	58.0
20-Aug	8:00	63.9	66.9	59.2
20-Aug	8:30	65.6	67.6	60.7
20-Aug	9:00	65.8	68.4	62.0
20-Aug	9:30	66.5	68.5	63.2
20-Aug	10:00	66.0	68.2	62.4
20-Aug	10:30	65.6	68.2	61.9

20-Aug	11:00	64.9	67.3	61.2
20-Aug	11:30	65.6	67.3	61.5
20-Aug	12:00	65.6	67.9	61.2
20-Aug	12:30	63.8	66.8	58.8
20-Aug	13:00	65.6	68.0	62.0
20-Aug	13:30	65.7	68.0	62.0
20-Aug	14:00	65.6	68.5	60.6
20-Aug	14:30	64.7	67.2	60.9
20-Aug	15:00	65.1	67.6	61.2
20-Aug	15:30	64.8	67.3	61.1
20-Aug	16:00	65.5	68.1	61.7
20-Aug	16:30	66.4	68.7	62.9
20-Aug	17:00	65.4	68.0	61.6
20-Aug	17:30	65.4	68.4	60.2
20-Aug	18:00	64.0	66.6	58.8
20-Aug	18:30	63.8	66.6	58.7
21-Aug	7:00	63.3	66.2	58.1
21-Aug	7:30	63.7	66.8	58.1
21-Aug	8:00	65.1	67.8	60.8
21-Aug	8:30	64.9	67.0	59.9
21-Aug	9:00	65.5	68.1	61.5
21-Aug	9:30	64.8	67.3	60.6
21-Aug	10:00	64.7	67.4	60.6
21-Aug	10:30	66.4	70.1	59.8
21-Aug	11:00	67.2	70.6	61.0
21-Aug	11:30	64.9	67.7	60.1
21-Aug	12:00	64.3	67.3	58.4
21-Aug	12:30	64.7	67.2	60.1
21-Aug	13:00	65.6	67.2	60.1
21-Aug	13:30	65.9	68.1	60.4
21-Aug	14:00	64.8	67.3	60.8
21-Aug	14:30	65.9	68.0	60.9
21-Aug	15:00	64.6	67.4	60.5
21-Aug	15:30	66.0	69.0	61.0
21-Aug	16:00	64.4	66.8	60.3
21-Aug	16:30	64.2	66.8	59.8
21-Aug	17:00	63.4	65.9	59.4
21-Aug	17:30	63.7	66.8	58.8
21-Aug	18:00	63.1	65.8	58.3
21-Aug	18:30	63.2	66.2	58.3
23-Aug	7:00	62.9	65.9	57.8
23-Aug	7:30	63.4	66.9	57.7
23-Aug	8:00	63.8	67.0	58.2
23-Aug	8:30	63.8	66.8	59.1
23-Aug	9:00	64.2	67.2	59.0
23-Aug	9:30	65.7	68.4	60.9
23-Aug	10:00	64.9	67.3	60.3
23-Aug	10:30	65.9	68.5	61.2
23-Aug	11:00	65.7	68.5	60.2
23-Aug	11:30	64.8	67.4	60.4
23-Aug	12:00	64.0	66.6	59.7
23-Aug	12:30	63.4	66.4	58.4
23-Aug	13:00	64.8	67.2	60.4

23-Aug	13:30	64.8	67.4	60.8
23-Aug	14:00	66.2	68.2	62.1
23-Aug	14:30	66.3	69.1	61.6
23-Aug	15:00	64.7	67.5	60.4
23-Aug	15:30	64.2	66.9	59.4
23-Aug	16:00	64.1	66.9	60.0
23-Aug	16:30	64.6	67.3	60.7
23-Aug	17:00	64.8	67.1	61.3
23-Aug	17:30	64.5	66.9	60.8
23-Aug	18:00	63.8	66.4	59.8
23-Aug	18:30	63.9	66.8	58.9
24-Aug	7:00	62.5	65.4	57.1
24-Aug	7:30	63.3	66.3	58.0
24-Aug	8:00	64.1	67.2	59.4
24-Aug	8:30	64.6	67.2	60.7
24-Aug	9:00	65.0	67.6	60.3
24-Aug	9:30	64.6	67.3	60.4
24-Aug	10:00	64.5	67.0	60.1
24-Aug	10:30	64.9	67.5	60.3
24-Aug	11:00	64.1	66.8	59.7
24-Aug	11:30	64.0	66.7	58.6
24-Aug	12:00	63.8	66.9	58.9
24-Aug	12:30	62.8	66.0	57.5
24-Aug	13:00	63.5	66.2	59.5
24-Aug	13:30	64.7	67.2	61.1
24-Aug	14:00	64.4	67.1	60.1
24-Aug	14:30	63.9	66.6	59.8
24-Aug	15:00	64.4	66.9	60.4
24-Aug	15:30	63.7	66.5	59.4
24-Aug	16:00	64.7	67.2	61.4
24-Aug	16:30	65.0	67.7	61.0
24-Aug	17:00	64.6	67.0	60.5
24-Aug	17:30	64.5	67.1	60.8
24-Aug	18:00	63.7	66.3	59.5
24-Aug	18:30	64.4	67.2	59.8
25-Aug	7:00	62.8	65.1	56.7
25-Aug	7:30	63.7	66.8	57.4
25-Aug	8:00	64.4	67.2	60.0
25-Aug	8:30	66.4	69.6	61.0
25-Aug	9:00	66.4	69.3	60.7
25-Aug	9:30	65.1	67.8	60.9
25-Aug	10:00	64.9	67.8	60.4
25-Aug	10:30	66.0	68.5	61.6
25-Aug	11:00	64.5	67.4	60.1
25-Aug	11:30	64.5	67.2	60.3
25-Aug	12:00	63.4	66.2	58.3
25-Aug	12:30	62.8	65.8	57.6
25-Aug	13:00	64.3	66.8	60.4
25-Aug	13:30	64.5	66.7	60.8
25-Aug	14:00	64.5	67.0	60.4
25-Aug	14:30	64.0	66.9	62.4
25-Aug	15:00	64.7	67.2	60.9
25-Aug	15:30	64.6	67.3	61.0

25-Aug	16:00	65.3	67.6	61.8
25-Aug	16:30	65.2	67.8	61.0
25-Aug	17:00	65.7	68.0	62.1
25-Aug	17:30	65.5	67.7	62.2
25-Aug	18:00	64.8	67.2	61.3
25-Aug	18:30	65.6	68.2	61.1
26-Aug	7:00	63.0	66.4	57.1
26-Aug	7:30	63.3	66.4	57.3
26-Aug	8:00	64.6	67.6	59.7
26-Aug	8:30	65.6	67.6	62.2
26-Aug	9:00	67.6	69.3	64.9
26-Aug	9:30	68.4	71.7	61.2
26-Aug	10:00	68.3	71.9	61.1
26-Aug	10:30	70.7	73.9	61.9
26-Aug	11:00	69.6	72.9	63.4
26-Aug	11:30	65.5	68.2	61.0
26-Aug	12:00	64.1	66.8	59.7
26-Aug	12:30	63.5	66.3	58.9
26-Aug	13:00	65.3	68.4	59.5
26-Aug	13:30	64.6	66.8	61.2
26-Aug	14:00	65.9	68.9	61.7
26-Aug	14:30	66.6	69.9	60.8
26-Aug	15:00	67.1	71.0	60.2
26-Aug	15:30	68.6	71.9	60.6
26-Aug	16:00	68.2	71.7	61.2
26-Aug	16:30	64.2	66.8	60.0
26-Aug	17:00	64.2	67.0	59.8
26-Aug	17:30	64.5	66.7	60.0
26-Aug	18:00	63.6	66.1	58.2
26-Aug	18:30	62.8	65.6	57.6
Average		65.1	67.8	60.5
Minimum		62.5	65.4	56.7
Maximum		70.8	74.7	64.9

SR4

Date	Time	dB (A) (30-min)			
		L _{eq}	L ₁₀	L ₅₀	L ₉₀
13-Aug	7:00	57.5	60.4	52.7	
13-Aug	7:30	60.6	63.6	54.9	
13-Aug	8:00	67.4	69.3	64.1	
13-Aug	8:30	66.3	67.7	63.7	
13-Aug	9:00	64.7	66.4	62.0	
13-Aug	9:30	69.6	66.0	62.2	
13-Aug	10:00	66.2	67.0	63.8	
13-Aug	10:30	66.2	67.2	64.0	
13-Aug	11:00	67.9	69.1	65.5	
13-Aug	11:30	65.9	67.6	63.5	
13-Aug	12:00	62.1	63.7	60.1	
13-Aug	12:30	62.3	63.6	60.3	
13-Aug	13:00	66.9	68.5	64.6	
13-Aug	13:30	67.3	68.9	63.3	
13-Aug	14:00	64.9	66.9	62.4	
13-Aug	14:30	64.3	65.9	61.6	
13-Aug	15:00	63.6	65.0	61.3	
13-Aug	15:30	65.1	67.3	61.9	
13-Aug	16:00	66.8	68.5	63.8	
13-Aug	16:30	65.8	67.3	63.7	
13-Aug	17:00	64.5	66.0	61.7	
13-Aug	17:30	63.5	65.1	60.7	
13-Aug	18:00	61.6	63.2	58.8	
13-Aug	18:30	61.3	64.2	57.9	
14-Aug	7:00	62.2	64.8	58.2	
14-Aug	7:30	61.0	63.1	58.0	
14-Aug	8:00	66.4	68.4	63.4	
14-Aug	8:30	68.1	70.6	64.7	
14-Aug	9:00	67.3	69.4	64.1	
14-Aug	9:30	65.5	67.5	62.8	
14-Aug	10:00	66.4	68.2	63.2	
14-Aug	10:30	66.3	68.1	63.3	
14-Aug	11:00	65.2	66.8	61.9	
14-Aug	11:30	64.2	65.9	61.4	
14-Aug	12:00	60.5	62.4	58.2	
14-Aug	12:30	61.5	63.3	58.4	
14-Aug	13:00	66.2	68.4	63.1	
14-Aug	13:30	66.7	68.5	63.6	
14-Aug	14:00	64.9	66.3	62.6	
14-Aug	14:30	66.9	68.4	64.6	
14-Aug	15:00	66.3	67.2	63.7	
14-Aug	15:30	66.3	67.7	63.6	
14-Aug	16:00	67.4	69.5	64.5	
14-Aug	16:30	66.9	68.5	64.4	
14-Aug	17:00	66.0	67.6	63.3	
14-Aug	17:30	66.3	68.2	63.1	
14-Aug	18:00	61.0	63.6	56.7	
14-Aug	18:30	61.1	62.5	55.3	
16-Aug	7:00	59.1	61.9	55.7	

16-Aug	7:30	61.4	63.9	57.7	
16-Aug	8:00	66.6	68.8	63.1	
16-Aug	8:30	65.9	66.9	63.4	
16-Aug	9:00	66.1	67.2	64.1	
16-Aug	9:30	66.6	67.7	64.4	
16-Aug	10:00	65.8	66.9	63.9	
16-Aug	10:30	65.7	66.4	63.8	
16-Aug	11:00	65.4	66.6	63.4	
16-Aug	11:30	64.4	65.7	62.5	
16-Aug	12:00	62.0	63.6	60.2	
16-Aug	12:30	61.8	63.3	60.2	
16-Aug	13:00	65.5	66.7	63.3	
16-Aug	13:30	68.4	70.0	65.9	
16-Aug	14:00	67.2	68.8	64.7	
16-Aug	14:30	68.5	70.3	65.4	
16-Aug	15:00	66.3	68.2	63.5	
16-Aug	15:30	66.7	68.8	63.5	
16-Aug	16:00	67.6	68.8	64.4	
16-Aug	16:30	67.6	68.2	63.8	
16-Aug	17:00	66.7	67.7	63.7	
16-Aug	17:30	66.5	67.9	63.9	
16-Aug	18:00	64.6	65.6	61.4	
16-Aug	18:30	60.7	62.8	56.6	
17-Aug	7:00	57.9	60.7	54.0	
17-Aug	7:30	61.2	63.5	57.1	
17-Aug	8:00	66.3	68.1	62.5	
17-Aug	8:30	67.2	69.2	63.4	
17-Aug	9:00	67.2	68.9	63.5	
17-Aug	9:30	65.3	66.7	62.1	
17-Aug	10:00	66.1	67.6	62.7	
17-Aug	10:30	66.8	68.1	64.4	
17-Aug	11:00	67.0	68.7	64.3	
17-Aug	11:30	66.4	68.5	62.8	
17-Aug	12:00	62.4	64.2	60.1	
17-Aug	12:30	64.3	65.8	62.0	
17-Aug	13:00	65.6	66.8	63.2	
17-Aug	13:30	66.4	67.7	64.5	
17-Aug	14:00	66.1	67.3	64.3	
17-Aug	14:30	66.6	67.6	64.9	
17-Aug	15:00	65.3	66.4	63.5	
17-Aug	15:30	65.7	66.9	63.8	
17-Aug	16:00	66.9	68.7	64.0	
17-Aug	16:30	66.0	67.1	64.1	
17-Aug	17:00	65.3	66.4	63.2	
17-Aug	17:30	66.6	68.1	63.9	
17-Aug	18:00	65.6	67.3	63.3	
17-Aug	18:30	62.4	64.2	59.1	
18-Aug	7:00	58.1	60.9	54.1	
18-Aug	7:30	59.6	61.7	56.6	
18-Aug	8:00	63.1	65.0	59.3	
18-Aug	8:30	64.1	66.2	60.4	
18-Aug	9:00	62.5	64.7	59.1	
18-Aug	9:30	64.7	66.3	61.8	

18-Aug	10:00	64.7	66.5	62.4
18-Aug	10:30	67.3	69.1	64.0
18-Aug	11:00	65.4	67.7	61.9
18-Aug	11:30	63.6	65.3	60.5
18-Aug	12:00	61.2	62.9	58.7
18-Aug	12:30	61.0	62.8	58.6
18-Aug	13:00	65.1	67.1	61.6
18-Aug	13:30	65.8	68.0	62.6
18-Aug	14:00	66.2	67.9	62.4
18-Aug	14:30	65.1	66.7	62.4
18-Aug	15:00	62.9	64.5	60.9
18-Aug	15:30	65.3	68.0	62.3
18-Aug	16:00	63.9	65.1	61.9
18-Aug	16:30	63.5	65.0	61.6
18-Aug	17:00	64.3	66.3	60.3
18-Aug	17:30	64.9	67.2	61.7
18-Aug	18:00	61.8	63.4	60.1
18-Aug	18:30	60.0	62.5	56.4
18-Aug	7:00	58.1	60.5	54.4
19-Aug	7:30	61.6	64.2	57.5
19-Aug	8:00	61.9	64.1	58.5
19-Aug	8:30	64.9	67.8	59.3
19-Aug	9:00	63.7	65.6	60.1
19-Aug	9:30	65.8	67.7	62.6
19-Aug	10:00	64.6	66.2	61.4
19-Aug	10:30	64.8	67.0	61.1
19-Aug	11:00	65.1	67.0	61.1
19-Aug	11:30	64.3	66.4	61.1
19-Aug	12:00	62.3	63.7	59.8
19-Aug	12:30	60.8	62.7	58.9
19-Aug	13:00	64.3	66.5	61.2
19-Aug	13:30	67.3	68.5	64.1
19-Aug	14:00	67.0	68.3	65.0
19-Aug	14:30	65.6	67.3	63.0
19-Aug	15:00	66.0	67.9	63.2
19-Aug	15:30	65.8	68.0	63.0
19-Aug	16:00	67.6	69.4	64.9
19-Aug	16:30	66.1	67.5	63.8
19-Aug	17:00	66.4	67.7	64.1
19-Aug	17:30	65.9	67.1	63.7
19-Aug	18:00	62.1	63.9	59.5
19-Aug	18:30	59.7	61.9	56.1
20-Aug	7:00	58.4	61.2	54.3
20-Aug	7:30	60.8	63.0	57.3
20-Aug	8:00	65.4	66.9	62.8
20-Aug	8:30	68.4	69.7	65.5
20-Aug	9:00	68.7	70.4	66.3
20-Aug	9:30	68.4	69.7	65.4
20-Aug	10:00	68.7	69.9	66.5
20-Aug	10:30	68.4	69.9	65.1
20-Aug	11:00	67.6	69.1	64.9
20-Aug	11:30	65.9	67.5	63.0
20-Aug	12:00	62.1	63.5	60.1

20-Aug	12:30	61.3	63.1	58.6
20-Aug	13:00	67.7	70.7	63.2
20-Aug	13:30	69.7	72.1	66.1
20-Aug	14:00	70.4	70.2	65.1
20-Aug	14:30	70.4	72.7	67.3
20-Aug	15:00	68.8	71.3	65.0
20-Aug	15:30	68.4	70.7	65.3
20-Aug	16:00	66.8	68.3	64.1
20-Aug	16:30	68.4	71.0	64.4
20-Aug	17:00	66.3	66.6	63.4
20-Aug	17:30	65.0	66.9	62.2
20-Aug	18:00	61.9	63.8	57.5
20-Aug	18:30	58.8	61.4	54.7
21-Aug	7:00	61.4	63.1	59.2
21-Aug	7:30	63.3	65.1	60.4
21-Aug	8:00	63.7	65.6	61.3
21-Aug	8:30	67.8	70.1	62.8
21-Aug	9:00	69.8	71.7	65.7
21-Aug	9:30	67.7	69.8	62.9
21-Aug	10:00	68.0	70.4	64.0
21-Aug	10:30	67.2	70.8	63.3
21-Aug	11:00	65.1	66.7	62.3
21-Aug	11:30	64.5	66.3	61.7
21-Aug	12:00	62.4	64.0	60.7
21-Aug	12:30	64.3	65.6	62.3
21-Aug	13:00	68.0	68.6	64.0
21-Aug	13:30	67.0	70.9	61.6
21-Aug	14:00	63.9	65.3	62.1
21-Aug	14:30	64.0	65.4	62.1
21-Aug	15:00	63.3	64.7	61.5
21-Aug	15:30	63.3	64.7	61.6
21-Aug	16:00	63.5	64.8	61.9
21-Aug	16:30	62.9	64.2	61.4
21-Aug	17:00	62.7	64.0	61.1
21-Aug	17:30	62.0	64.0	59.6
21-Aug	18:00	60.0	61.5	55.4
21-Aug	18:30	58.6	61.1	55.2
23-Aug	7:00	59.0	61.2	55.9
23-Aug	7:30	65.6	67.8	61.7
23-Aug	8:00	64.9	67.2	60.6
23-Aug	8:30	66.4	68.3	62.7
23-Aug	9:00	65.6	67.6	62.7
23-Aug	9:30	67.1	68.9	64.4
23-Aug	10:00	67.2	69.3	64.1
23-Aug	10:30	66.8	69.0	63.4
23-Aug	11:00	66.1	67.7	63.5
23-Aug	11:30	65.8	67.4	63.1
23-Aug	12:00	62.0	63.4	60.2
23-Aug	12:30	63.4	65.3	60.9
23-Aug	13:00	66.9	68.5	63.8
23-Aug	13:30	67.5	68.9	65.1
23-Aug	14:00	66.8	68.9	63.4
23-Aug	14:30	66.5	68.2	64.3

23-Aug	15:00	65.0	67.0	62.6
23-Aug	15:30	66.0	67.2	63.1
23-Aug	16:00	66.1	67.8	63.4
23-Aug	16:30	66.6	68.0	64.5
23-Aug	17:00	67.1	68.6	64.3
23-Aug	17:30	65.6	67.0	62.1
23-Aug	18:00	63.8	66.3	59.7
23-Aug	18:30	59.6	62.1	56.1
24-Aug	7:00	58.2	60.8	54.6
24-Aug	7:30	62.4	64.5	58.9
24-Aug	8:00	65.5	66.5	62.4
24-Aug	8:30	65.9	67.4	63.2
24-Aug	9:00	65.7	67.4	63.1
24-Aug	9:30	68.6	71.2	64.9
24-Aug	10:00	66.7	68.4	63.5
24-Aug	10:30	64.7	66.3	61.5
24-Aug	11:00	68.4	70.6	63.7
24-Aug	11:30	66.4	68.3	63.4
24-Aug	12:00	62.5	63.8	60.7
24-Aug	12:30	62.7	63.9	60.9
24-Aug	13:00	64.7	66.3	62.7
24-Aug	13:30	68.3	70.2	65.8
24-Aug	14:00	68.2	69.7	66.3
24-Aug	14:30	67.1	68.2	65.4
24-Aug	15:00	66.9	68.1	64.9
24-Aug	15:30	66.7	67.8	65.2
24-Aug	16:00	66.9	67.9	65.1
24-Aug	16:30	67.2	68.4	65.6
24-Aug	17:00	67.7	68.7	65.8
24-Aug	17:30	67.2	68.3	65.5
24-Aug	18:00	65.6	66.5	64.5
24-Aug	18:30	65.8	67.4	62.9
25-Aug	7:00	64.6	65.7	63.3
25-Aug	7:30	65.8	66.6	64.3
25-Aug	8:00	68.0	69.2	65.7
25-Aug	8:30	66.6	67.8	64.6
25-Aug	9:00	66.9	67.9	65.4
25-Aug	9:30	66.7	68.0	65.0
25-Aug	10:00	66.7	68.3	64.7
25-Aug	10:30	67.3	68.9	65.2
25-Aug	11:00	66.4	67.5	64.9
25-Aug	11:30	65.6	67.0	62.5
25-Aug	12:00	61.0	62.8	58.5
25-Aug	12:30	63.7	64.9	62.0
25-Aug	13:00	66.3	67.6	64.0
25-Aug	13:30	65.9	67.1	63.9
25-Aug	14:00	66.5	67.8	64.5
25-Aug	14:30	65.8	67.0	63.4
25-Aug	15:00	64.3	65.9	61.5
25-Aug	15:30	64.2	65.7	62.1
25-Aug	16:00	65.6	67.0	63.4
25-Aug	16:30	65.4	66.9	63.3
25-Aug	17:00	63.9	65.1	62.0

25-Aug	17:30	63.1	64.6	61.0
25-Aug	18:00	61.8	63.4	59.3
25-Aug	18:30	64.8	67.0	60.9
26-Aug	7:00	61.8	63.1	60.3
26-Aug	7:30	65.9	67.5	63.0
26-Aug	8:00	66.7	67.9	64.4
26-Aug	8:30	67.0	68.2	65.0
26-Aug	9:00	67.6	69.6	65.7
26-Aug	9:30	66.8	68.8	64.6
26-Aug	10:00	65.3	66.7	63.6
26-Aug	10:30	65.6	66.8	64.2
26-Aug	11:00	66.2	67.7	64.2
26-Aug	11:30	66.0	68.2	63.5
26-Aug	12:00	63.4	64.3	62.0
26-Aug	12:30	63.6	64.7	62.0
26-Aug	13:00	65.5	67.0	63.2
26-Aug	13:30	64.5	66.0	62.7
26-Aug	14:00	65.8	67.4	63.7
26-Aug	14:30	66.9	68.3	64.5
26-Aug	15:00	64.6	66.1	62.2
26-Aug	15:30	66.3	67.7	63.6
26-Aug	16:00	65.3	66.6	63.0
26-Aug	16:30	67.3	68.8	64.5
26-Aug	17:00	66.7	68.2	64.0
26-Aug	17:30	65.7	67.1	63.2
26-Aug	18:00	61.6	63.2	59.2
26-Aug	18:30	60.9	62.8	58.6
Average		65.6	67.3	62.9
Minimum		57.5	60.4	52.7
Maximum		70.4	72.7	67.3

SR6

Date	Time	dB (A) (30-min)			
		L _{eq}	L ₁₀	L ₅₀	L ₉₀
13-Aug	7:00	68.1	69.5	63.0	63.0
13-Aug	7:30	68.2	69.5	63.0	63.0
13-Aug	8:00	68.5	69.8	63.8	63.8
13-Aug	8:30	68.5	69.8	63.9	63.9
13-Aug	9:00	68.5	69.9	64.0	64.0
13-Aug	9:30	68.5	69.9	63.9	63.9
13-Aug	10:00	68.6	69.8	64.0	64.0
13-Aug	10:30	69.0	70.3	64.9	64.9
13-Aug	11:00	68.7	70.1	64.0	64.0
13-Aug	11:30	68.5	70.0	63.5	63.5
13-Aug	12:00	68.4	70.0	63.5	63.5
13-Aug	12:30	68.5	70.0	63.6	63.6
13-Aug	13:00	68.7	70.0	63.8	63.8
13-Aug	13:30	68.7	70.0	64.0	64.0
13-Aug	14:00	68.7	70.0	63.9	63.9
13-Aug	14:30	68.6	70.0	63.8	63.8
13-Aug	15:00	68.6	70.0	63.8	63.8
13-Aug	15:30	68.6	70.0	63.7	63.7
13-Aug	16:00	68.5	70.0	63.5	63.5
13-Aug	16:30	68.5	70.0	63.5	63.5
13-Aug	17:00	68.5	70.0	63.8	63.8
13-Aug	17:30	68.4	69.8	63.3	63.3
13-Aug	18:00	68.6	70.1	64.0	64.0
13-Aug	18:30	68.5	69.7	63.5	63.5
14-Aug	7:00	69.3	70.9	65.1	65.1
14-Aug	7:30	68.1	69.5	63.1	63.1
14-Aug	8:00	68.2	69.5	63.3	63.3
14-Aug	8:30	68.5	69.8	64.1	64.1
14-Aug	9:00	69.2	70.3	65.6	65.6
14-Aug	9:30	69.0	70.3	65.3	65.3
14-Aug	10:00	69.2	70.6	65.5	65.5
14-Aug	10:30	69.1	70.5	65.1	65.1
14-Aug	11:00	69.2	70.6	65.5	65.5
14-Aug	11:30	68.7	69.9	64.3	64.3
14-Aug	12:00	68.3	69.5	63.1	63.1
14-Aug	12:30	68.3	69.5	63.1	63.1
14-Aug	13:00	68.8	70.2	64.4	64.4
14-Aug	13:30	69.2	70.6	65.4	65.4
14-Aug	14:00	69.5	70.9	65.9	65.9
14-Aug	14:30	69.5	70.9	65.9	65.9
14-Aug	15:00	68.5	70.0	63.6	63.6
14-Aug	15:30	68.4	70.0	63.5	63.5
14-Aug	16:00	68.6	70.1	63.8	63.8
14-Aug	16:30	68.5	69.9	63.7	63.7
14-Aug	17:00	68.4	69.8	63.5	63.5
14-Aug	17:30	68.3	69.5	63.1	63.1
14-Aug	18:00	68.3	69.5	63.0	63.0
14-Aug	18:30	68.3	69.6	63.3	63.3
16-Aug	7:00	68.1	69.5	63.0	63.0
16-Aug	7:30	68.4	69.7	63.7	63.7

16-Aug	8:00	68.5	69.8	64.0	64.0
16-Aug	8:30	68.6	69.9	64.3	64.3
16-Aug	9:00	68.8	70.0	64.5	64.5
16-Aug	9:30	68.9	70.0	64.9	64.9
16-Aug	10:00	68.6	69.9	64.0	64.0
16-Aug	10:30	68.4	69.8	63.6	63.6
16-Aug	11:00	68.4	69.9	63.5	63.5
16-Aug	11:30	68.5	69.9	63.8	63.8
16-Aug	12:00	68.4	69.8	63.0	63.0
16-Aug	12:30	68.4	69.8	63.0	63.0
16-Aug	13:00	68.5	69.9	63.3	63.3
16-Aug	13:30	68.9	70.4	64.7	64.7
16-Aug	14:00	68.4	69.9	63.6	63.6
16-Aug	14:30	68.4	69.8	63.3	63.3
16-Aug	15:00	68.3	69.6	63.1	63.1
16-Aug	15:30	68.6	70.0	64.0	64.0
16-Aug	16:00	68.5	70.0	63.6	63.6
16-Aug	16:30	68.5	70.0	63.5	63.5
16-Aug	17:00	68.5	70.0	63.6	63.6
16-Aug	17:30	68.5	70.0	63.6	63.6
16-Aug	18:00	68.5	69.9	63.6	63.6
16-Aug	18:30	68.5	69.8	63.7	63.7
17-Aug	7:00	68.2	69.5	63.0	63.0
17-Aug	7:30	68.3	69.6	63.3	63.3
17-Aug	8:00	68.7	70.0	64.4	64.4
17-Aug	8:30	68.8	70.2	64.9	64.9
17-Aug	9:00	68.5	69.8	63.8	63.8
17-Aug	9:30	68.3	69.5	63.1	63.1
17-Aug	10:00	68.6	69.8	64.0	64.0
17-Aug	10:30	68.5	70.0	63.5	63.5
17-Aug	11:00	68.5	70.0	63.5	63.5
17-Aug	11:30	68.4	70.0	63.3	63.3
17-Aug	12:00	68.5	70.0	63.3	63.3
17-Aug	12:30	68.6	70.0	63.9	63.9
17-Aug	13:00	68.6	70.0	63.7	63.7
17-Aug	13:30	68.6	70.0	63.6	63.6
17-Aug	14:00	68.6	70.0	63.7	63.7
17-Aug	14:30	68.8	70.2	64.2	64.2
17-Aug	15:00	68.9	70.3	64.4	64.4
17-Aug	15:30	68.7	70.1	63.8	63.8
17-Aug	16:00	68.8	70.0	64.1	64.1
17-Aug	16:30	68.8	70.0	64.1	64.1
17-Aug	17:00	68.8	70.2	64.4	64.4
17-Aug	17:30	68.6	70.0	64.0	64.0
17-Aug	18:00	68.8	70.0	64.3	64.3
17-Aug	18:30	68.5	70.0	63.4	63.4
18-Aug	7:00	68.2	69.5	63.0	63.0
18-Aug	7:30	68.2	69.5	63.0	63.0
18-Aug	8:00	68.4	69.7	63.4	63.4
18-Aug	8:30	68.4	69.6	63.4	63.4
18-Aug	9:00	68.6	70.0	64.2	64.2
18-Aug	9:30	69.1	70.3	65.3	65.3
18-Aug	10:00	69.1	70.3	65.3	65.3

18-Aug	10:30	69.2	70.3	65.4
18-Aug	11:00	69.2	70.3	65.3
18-Aug	11:30	68.3	69.6	63.1
18-Aug	12:00	68.3	69.6	63.0
18-Aug	12:30	68.3	69.7	63.0
18-Aug	13:00	68.7	70.2	64.2
18-Aug	13:30	68.6	70.1	64.0
18-Aug	14:00	68.5	70.0	63.3
18-Aug	14:30	68.5	70.0	63.4
18-Aug	15:00	68.4	70.0	63.1
18-Aug	15:30	69.3	70.6	65.0
18-Aug	16:00	68.4	69.9	63.4
18-Aug	16:30	68.3	69.5	63.1
18-Aug	17:00	68.3	69.5	63.0
18-Aug	17:30	68.3	69.5	63.0
18-Aug	18:00	68.2	69.5	63.0
18-Aug	18:30	68.2	69.5	62.8
18-Aug	19:00	68.0	69.5	62.6
19-Aug	7:30	68.7	69.9	64.5
19-Aug	8:00	69.0	70.3	65.3
19-Aug	8:30	68.9	70.3	65.1
19-Aug	9:00	68.6	69.9	64.2
19-Aug	9:30	68.7	70.0	64.4
19-Aug	10:00	68.3	69.7	63.4
19-Aug	10:30	68.3	69.7	63.2
19-Aug	11:00	68.3	69.5	63.0
19-Aug	11:30	68.2	69.5	63.0
19-Aug	12:00	68.2	69.5	62.8
19-Aug	12:30	68.2	69.5	63.0
19-Aug	13:00	68.3	69.5	62.9
19-Aug	13:30	70.6	72.2	67.0
19-Aug	14:00	69.8	71.2	66.6
19-Aug	14:30	68.4	69.7	63.8
19-Aug	15:00	68.4	69.6	63.5
19-Aug	15:30	68.3	69.6	63.2
19-Aug	16:00	68.3	69.5	63.0
19-Aug	16:30	68.3	69.5	63.0
19-Aug	17:00	68.3	69.5	63.0
19-Aug	17:30	68.5	69.9	63.9
19-Aug	18:00	68.5	70.0	63.8
19-Aug	18:30	68.1	69.5	62.7
20-Aug	7:00	68.0	69.5	62.6
20-Aug	7:30	68.1	69.5	62.8
20-Aug	8:00	68.6	69.9	64.5
20-Aug	8:30	68.6	69.8	64.3
20-Aug	9:00	68.6	69.8	64.3
20-Aug	9:30	68.3	69.6	63.5
20-Aug	10:00	68.3	69.6	63.4
20-Aug	10:30	68.2	69.5	63.1
20-Aug	11:00	68.3	69.6	63.1
20-Aug	11:30	68.5	69.8	63.8
20-Aug	12:00	68.2	69.5	63.0
20-Aug	12:30	68.2	69.5	62.7

20-Aug	13:00	68.3	69.7	63.1
20-Aug	13:30	68.4	69.6	63.5
20-Aug	14:00	68.2	69.5	63.1
20-Aug	14:30	68.2	69.5	63.2
20-Aug	15:00	68.4	69.8	63.7
20-Aug	15:30	68.2	69.5	63.1
20-Aug	16:00	68.4	69.6	63.2
20-Aug	16:30	68.3	69.5	63.2
20-Aug	17:00	68.2	69.5	63.0
20-Aug	17:30	68.2	69.5	63.0
20-Aug	18:00	68.1	69.5	62.9
20-Aug	18:30	68.1	69.5	62.9
21-Aug	7:00	68.6	70.0	64.4
21-Aug	7:30	68.1	69.5	63.1
21-Aug	8:00	68.4	69.6	63.9
21-Aug	8:30	69.7	71.0	65.3
21-Aug	9:00	69.5	70.9	66.0
21-Aug	9:30	68.5	69.8	64.1
21-Aug	10:00	68.3	69.5	63.7
21-Aug	10:30	68.5	69.9	64.0
21-Aug	11:00	68.4	69.5	63.7
21-Aug	11:30	68.2	69.5	63.4
21-Aug	12:00	68.2	69.5	63.2
21-Aug	12:30	70.1	71.4	67.1
21-Aug	13:00	68.9	69.9	64.2
21-Aug	13:30	68.5	69.9	64.1
21-Aug	14:00	68.9	70.2	65.1
21-Aug	14:30	68.9	70.0	65.0
21-Aug	15:00	68.6	69.9	64.5
21-Aug	15:30	68.9	70.0	64.8
21-Aug	16:00	68.5	69.8	64.1
21-Aug	16:30	68.4	69.8	63.9
21-Aug	17:00	68.3	69.5	63.5
21-Aug	17:30	68.4	69.5	63.6
21-Aug	18:00	68.2	69.5	63.2
21-Aug	18:30	68.2	69.5	63.2
23-Aug	7:00	68.0	69.5	62.9
23-Aug	7:30	68.4	69.8	64.1
23-Aug	8:00	68.1	69.5	63.0
23-Aug	8:30	68.7	70.0	64.6
23-Aug	9:00	68.9	70.3	65.0
23-Aug	9:30	68.8	70.0	65.0
23-Aug	10:00	68.4	69.8	63.6
23-Aug	10:30	68.6	69.9	64.2
23-Aug	11:00	68.6	70.0	63.9
23-Aug	11:30	68.2	69.5	63.0
23-Aug	12:00	68.2	69.5	63.0
23-Aug	12:30	68.3	69.7	63.2
23-Aug	13:00	68.3	69.6	63.1
23-Aug	13:30	68.3	69.5	63.0
23-Aug	14:00	68.4	69.8	63.6
23-Aug	14:30	68.5	70.0	63.8
23-Aug	15:00	68.3	69.8	63.2

23-Aug	15:30	68.4	70.0	63.1
23-Aug	16:00	68.7	70.1	64.1
23-Aug	16:30	68.4	70.0	63.4
23-Aug	17:00	68.4	70.0	63.5
23-Aug	17:30	68.4	70.0	63.0
23-Aug	18:00	68.3	69.8	63.0
23-Aug	18:30	68.3	69.5	63.0
24-Aug	7:00	68.2	69.5	63.0
24-Aug	7:30	68.7	70.0	64.3
24-Aug	8:00	69.4	70.5	65.9
24-Aug	8:30	68.5	70.1	63.9
24-Aug	9:00	68.4	70.0	63.5
24-Aug	9:30	68.3	69.9	63.2
24-Aug	10:00	68.8	70.2	64.6
24-Aug	10:30	68.6	70.0	63.8
24-Aug	11:00	68.4	70.0	63.2
24-Aug	11:30	68.4	70.0	63.0
24-Aug	12:00	68.4	70.0	63.0
24-Aug	12:30	68.4	70.0	63.1
24-Aug	13:00	68.5	70.0	63.3
24-Aug	13:30	68.4	70.0	63.2
24-Aug	14:00	68.6	70.1	63.8
24-Aug	14:30	68.4	70.0	63.2
24-Aug	15:00	68.4	70.0	63.0
24-Aug	15:30	68.4	70.0	63.0
24-Aug	16:00	68.4	70.0	63.0
24-Aug	16:30	68.3	69.9	63.0
24-Aug	17:00	68.3	70.0	63.0
24-Aug	17:30	68.7	70.3	63.9
24-Aug	18:00	68.4	69.9	63.3
24-Aug	18:30	70.0	72.1	64.9
25-Aug	7:00	68.1	69.5	62.8

25-Aug	7:30	68.1	69.5	62.8		
25-Aug	8:00	68.7	69.9	64.4		
25-Aug	8:30	68.7	70.0	64.4		
25-Aug	9:00	68.3	69.6	63.2		
25-Aug	9:30	68.7	69.9	64.5		
25-Aug	10:00	68.8	70.1	64.6		
25-Aug	10:30	68.6	70.0	63.8		
25-Aug	11:00	68.3	69.8	63.3		
25-Aug	11:30	68.3	69.6	63.0		
25-Aug	12:00	68.4	69.8	63.0		
25-Aug	12:30	68.5	70.0	63.3		
25-Aug	13:00	68.8	70.2	63.9		
25-Aug	13:30	68.5	70.0	63.3		
25-Aug	14:00	68.8	70.1	63.9		
25-Aug	14:30	68.7	70.0	63.5		
25-Aug	15:00	68.6	70.0	63.3		
25-Aug	15:30	68.6	70.0	63.4		
25-Aug	16:00	68.7	70.0	63.8		
25-Aug	16:30	68.5	70.0	63.4		
25-Aug	17:00	68.4	70.0	63.5		
25-Aug	17:30	68.3	69.8	63.1		
25-Aug	18:00	68.3	69.5	63.0		
25-Aug	18:30	68.3	69.7	63.3		
26-Aug	7:00	68.2	69.5	63.0		
26-Aug	7:30	68.2	69.5	63.0		
26-Aug	8:00	68.4	69.8	63.3		
26-Aug	8:30	68.3	69.7	63.2		
26-Aug	9:00	68.5	70.0	63.6		
26-Aug	9:30	68.3	69.7	63.1		
26-Aug	10:00	68.4	69.8	63.4		
26-Aug	10:30	68.5	69.8	64.0		
26-Aug	11:00	68.4	69.7	63.3		
26-Aug	11:30	68.1	69.5	62.9		
26-Aug	12:00	68.1	69.5	62.8		
26-Aug	12:30	68.1	69.5	62.8		
26-Aug	13:00	68.4	69.7	63.6		
26-Aug	13:30	68.6	70.1	64.4		
26-Aug	14:00	68.3	69.6	63.2		
26-Aug	14:30	68.4	69.8	63.3		
26-Aug	15:00	68.3	69.5	63.1		
26-Aug	15:30	68.4	69.7	63.3		
26-Aug	16:00	68.3	69.5	63.3		
26-Aug	16:30	68.2	69.5	63.0		
26-Aug	17:00	68.4	70.0	63.5		
26-Aug	17:30	68.4	69.8	63.4		
26-Aug	18:00	68.2	69.5	62.9		
26-Aug	18:30	68.2	69.5	63.0		
Average				68.5	69.9	63.8
Minimum				68.0	69.5	62.6
Maximum				70.6	72.2	67.1

Appendix E: Baseline Noise Monitoring Results

0700-1900 hours on general holidays

SR3

Date	Time	dB (A) (30-min)		
		L _{eq}	L ₁₀	L ₉₀
15-Aug-04	7:00	61.6	64.5	55.5
15-Aug-04	7:05	60.9	64.0	55.5
15-Aug-04	7:10	61.1	64.5	54.5
15-Aug-04	7:15	62.3	65.0	56.5
15-Aug-04	7:20	61.4	64.0	57.5
15-Aug-04	7:25	61.7	64.0	57.5
15-Aug-04	7:30	62.2	65.5	56.0
15-Aug-04	7:35	62.0	64.5	57.0
15-Aug-04	7:40	62.6	65.5	56.5
15-Aug-04	7:45	62.1	66.0	55.0
15-Aug-04	7:50	61.9	64.5	56.0
15-Aug-04	7:55	62.3	66.0	54.5
15-Aug-04	8:00	60.4	64.0	54.5
15-Aug-04	8:05	63.2	66.0	59.0
15-Aug-04	8:10	62.2	65.0	57.0
15-Aug-04	8:15	62.5	65.0	58.5
15-Aug-04	8:20	62.9	66.5	56.0
15-Aug-04	8:25	62.3	65.0	56.5
15-Aug-04	8:30	62.9	66.0	57.5
15-Aug-04	8:35	62.9	65.5	58.5
15-Aug-04	8:40	62.1	64.5	59.0
15-Aug-04	8:45	62.4	65.5	56.0
15-Aug-04	8:50	63.2	65.5	58.5
15-Aug-04	8:55	63.6	67.0	57.5
15-Aug-04	9:00	63.4	67.0	58.0
15-Aug-04	9:05	62.6	65.5	58.0
15-Aug-04	9:10	61.9	65.0	57.5
15-Aug-04	9:15	63.4	67.0	56.5
15-Aug-04	9:20	63.1	65.5	58.5
15-Aug-04	9:25	64.4	67.5	57.5
15-Aug-04	9:30	63.6	66.0	58.5
15-Aug-04	9:35	65.1	69.0	60.0
15-Aug-04	9:40	63.0	65.0	59.0
15-Aug-04	9:45	62.4	64.5	57.5
15-Aug-04	9:50	63.4	66.5	56.5
15-Aug-04	9:55	62.7	65.0	57.0
15-Aug-04	10:00	62.9	65.5	57.5
15-Aug-04	10:05	62.8	65.5	58.5
15-Aug-04	10:10	64.1	67.0	58.5
15-Aug-04	10:15	63.6	66.0	57.0

15-Aug-04	10:20	64.1	66.5	59.0
15-Aug-04	10:25	62.8	66.0	58.0
15-Aug-04	10:30	63.7	66.0	59.5
15-Aug-04	10:35	63.0	65.5	58.0
15-Aug-04	10:40	62.8	65.5	58.0
15-Aug-04	10:45	63.2	66.0	58.5
15-Aug-04	10:50	62.4	65.5	55.5
15-Aug-04	10:55	67.6	71.5	59.0
15-Aug-04	11:00	64.3	67.0	59.0
15-Aug-04	11:05	63.5	66.5	57.5
15-Aug-04	11:10	64.8	68.5	58.5
15-Aug-04	11:15	63.3	66.0	58.0
15-Aug-04	11:20	63.7	67.0	59.0
15-Aug-04	11:25	62.8	65.0	59.5
15-Aug-04	11:30	62.2	65.0	57.5
15-Aug-04	11:35	71.4	76.0	57.5
15-Aug-04	11:40	64.5	67.5	59.5
15-Aug-04	11:45	64.9	68.0	58.5
15-Aug-04	11:50	63.9	67.0	59.0
15-Aug-04	11:55	62.0	64.5	57.0
15-Aug-04	12:00	62.7	65.5	56.0
15-Aug-04	12:05	63.1	65.5	58.0
15-Aug-04	12:10	63.3	66.5	57.0
15-Aug-04	12:15	63.1	66.5	56.0
15-Aug-04	12:20	62.9	65.5	57.5
15-Aug-04	12:25	62.4	66.0	55.5
15-Aug-04	12:30	63.0	66.0	58.0
15-Aug-04	12:35	64.1	67.0	59.0
15-Aug-04	12:40	63.0	66.5	56.5
15-Aug-04	12:45	63.0	66.0	58.0
15-Aug-04	12:50	61.3	64.5	56.0
15-Aug-04	12:55	64.7	67.0	60.0
15-Aug-04	13:00	61.0	63.5	57.0
15-Aug-04	13:05	65.4	69.0	58.0
15-Aug-04	13:10	63.3	65.5	59.0
15-Aug-04	13:15	63.7	66.5	58.0
15-Aug-04	13:20	64.9	69.0	58.5
15-Aug-04	13:25	63.6	66.5	59.5
15-Aug-04	13:30	62.5	65.0	57.5
15-Aug-04	13:35	62.8	66.0	58.5
15-Aug-04	13:40	63.1	66.0	57.0
15-Aug-04	13:45	62.3	65.0	57.0
15-Aug-04	13:50	64.0	66.5	59.0
15-Aug-04	13:55	63.2	66.0	58.0
15-Aug-04	14:00	62.2	65.0	58.0
15-Aug-04	14:05	63.6	67.0	58.5
15-Aug-04	14:10	64.2	67.5	59.0

15-Aug-04	14:15	63.6	66.5	58.0
15-Aug-04	14:20	62.4	64.0	58.5
15-Aug-04	14:25	62.3	66.0	56.0
15-Aug-04	14:30	63.1	66.0	57.5
15-Aug-04	14:35	64.8	68.0	57.5
15-Aug-04	14:40	62.7	65.0	59.5
15-Aug-04	14:45	62.8	65.5	58.0
15-Aug-04	14:50	63.3	66.0	59.0
15-Aug-04	14:55	64.8	68.0	59.5
15-Aug-04	15:00	62.1	64.5	58.0
15-Aug-04	15:05	63.5	67.0	58.0
15-Aug-04	15:10	64.3	67.5	59.5
15-Aug-04	15:15	63.0	66.5	57.0
15-Aug-04	15:20	64.3	67.5	59.0
15-Aug-04	15:25	62.3	64.5	57.5
15-Aug-04	15:30	63.9	66.5	60.0
15-Aug-04	15:35	63.5	66.5	58.5
15-Aug-04	15:40	63.5	66.0	59.5
15-Aug-04	15:45	61.4	64.5	56.5
15-Aug-04	15:50	63.9	67.5	57.5
15-Aug-04	15:55	64.1	66.0	59.5
15-Aug-04	16:00	61.6	63.5	57.5
15-Aug-04	16:05	65.2	67.5	59.0
15-Aug-04	16:10	63.3	66.0	59.5
15-Aug-04	16:15	62.5	65.5	57.5
15-Aug-04	16:20	65.9	69.0	59.0
15-Aug-04	16:25	65.1	68.5	60.0
15-Aug-04	16:30	62.4	65.5	56.5
15-Aug-04	16:35	63.7	66.5	59.0
15-Aug-04	16:40	68.8	72.5	61.5
15-Aug-04	16:45	64.4	68.0	59.5
15-Aug-04	16:50	63.2	66.0	59.5
15-Aug-04	16:55	64.6	67.5	60.0
15-Aug-04	17:00	64.0	67.0	60.0
15-Aug-04	17:05	63.8	66.5	58.5
15-Aug-04	17:10	65.2	67.5	61.0
15-Aug-04	17:15	63.9	67.0	58.0
15-Aug-04	17:20	63.5	66.5	57.5
15-Aug-04	17:25	63.9	67.5	58.5
15-Aug-04	17:30	63.9	67.0	58.0
15-Aug-04	17:35	62.6	66.5	57.5
15-Aug-04	17:40	63.7	67.0	58.5
15-Aug-04	17:45	63.4	66.5	58.0
15-Aug-04	17:50	62.4	65.5	56.0
15-Aug-04	17:55	60.8	63.0	57.0
15-Aug-04	18:00	64.9	68.0	61.0
15-Aug-04	18:05	63.6	66.0	59.0

15-Aug-04	18:10	62.6	65.0	58.5
15-Aug-04	18:15	63.7	66.0	59.0
15-Aug-04	18:20	63.4	67.0	57.0
15-Aug-04	18:25	63.0	66.0	57.0
15-Aug-04	18:30	63.9	67.0	58.5
15-Aug-04	18:35	60.4	63.0	56.5
15-Aug-04	18:40	63.3	66.5	57.5
15-Aug-04	18:45	62.4	64.5	58.5
15-Aug-04	18:50	61.8	65.0	57.0
15-Aug-04	18:55	63.8	66.5	59.0
22-Aug-04	7:00	60.9	64.5	54.5
22-Aug-04	7:05	61.1	65.0	55.0
22-Aug-04	7:10	63.6	66.5	56.0
22-Aug-04	7:15	60.6	63.5	55.5
22-Aug-04	7:20	61.5	64.5	56.5
22-Aug-04	7:25	60.3	63.0	56.5
22-Aug-04	7:30	61.1	64.5	55.5
22-Aug-04	7:35	60.3	64.0	54.0
22-Aug-04	7:40	63.2	68.0	56.5
22-Aug-04	7:45	61.0	64.0	55.5
22-Aug-04	7:50	60.3	63.0	56.5
22-Aug-04	7:55	63.4	67.0	58.0
22-Aug-04	8:00	60.3	63.5	55.5
22-Aug-04	8:05	63.1	66.0	56.0
22-Aug-04	8:10	62.5	66.0	57.5
22-Aug-04	8:15	61.6	64.0	57.0
22-Aug-04	8:20	62.0	65.5	56.0
22-Aug-04	8:25	64.5	67.0	58.0
22-Aug-04	8:30	61.0	64.0	56.0
22-Aug-04	8:35	62.5	64.5	58.0
22-Aug-04	8:40	63.1	66.0	58.0
22-Aug-04	8:45	61.4	64.0	57.0
22-Aug-04	8:50	63.2	66.5	58.0
22-Aug-04	8:55	61.9	65.5	56.5
22-Aug-04	9:00	63.4	66.0	57.5
22-Aug-04	9:05	63.0	65.5	57.5
22-Aug-04	9:10	63.7	66.0	58.0
22-Aug-04	9:15	63.8	66.0	59.5
22-Aug-04	9:20	63.0	65.5	58.5
22-Aug-04	9:25	64.8	67.0	61.0
22-Aug-04	9:30	64.4	67.5	60.0
22-Aug-04	9:35	64.0	66.0	61.0
22-Aug-04	9:40	63.8	66.0	60.0
22-Aug-04	9:45	63.8	66.5	59.5
22-Aug-04	9:50	62.4	65.0	58.0
22-Aug-04	9:55	66.2	68.5	63.0
22-Aug-04	10:00	67.9	69.5	65.5

22-Aug-04	10:05	64.8	67.0	61.0
22-Aug-04	10:10	64.3	67.0	59.5
22-Aug-04	10:15	63.6	66.5	58.0
22-Aug-04	10:20	64.3	66.5	59.5
22-Aug-04	10:25	63.4	66.0	58.5
22-Aug-04	10:30	64.4	66.0	60.5
22-Aug-04	10:35	63.9	67.0	58.5
22-Aug-04	10:40	62.1	64.5	58.0
22-Aug-04	10:45	64.0	66.0	59.5
22-Aug-04	10:50	63.2	66.0	58.0
22-Aug-04	10:55	61.5	64.5	57.5
22-Aug-04	11:00	63.4	66.5	59.0
22-Aug-04	11:05	63.2	66.5	57.5
22-Aug-04	11:10	63.3	66.0	59.5
22-Aug-04	11:15	64.8	67.5	59.5
22-Aug-04	11:20	63.2	65.5	58.5
22-Aug-04	11:25	65.8	69.0	60.5
22-Aug-04	11:30	62.6	64.5	60.0
22-Aug-04	11:35	64.0	67.0	60.0
22-Aug-04	11:40	61.3	64.0	57.0
22-Aug-04	11:45	62.4	65.0	57.5
22-Aug-04	11:50	64.2	67.5	57.0
22-Aug-04	11:55	64.0	66.5	59.5
22-Aug-04	12:00	62.1	65.0	56.5
22-Aug-04	12:05	62.7	65.0	59.0
22-Aug-04	12:10	62.6	65.5	58.5
22-Aug-04	12:15	63.2	66.5	57.5
22-Aug-04	12:20	63.7	66.0	58.5
22-Aug-04	12:25	62.8	65.0	58.5
22-Aug-04	12:30	63.2	66.5	57.5
22-Aug-04	12:35	63.0	66.5	56.5
22-Aug-04	12:40	64.2	68.0	58.0
22-Aug-04	12:45	62.9	66.0	58.5
22-Aug-04	12:50	62.4	65.0	58.0
22-Aug-04	12:55	67.6	71.0	58.5
22-Aug-04	13:00	63.3	66.0	59.0
22-Aug-04	13:05	62.7	65.5	57.5
22-Aug-04	13:10	63.0	66.0	56.5
22-Aug-04	13:15	63.6	67.0	58.0
22-Aug-04	13:20	63.1	65.5	59.0
22-Aug-04	13:25	63.5	66.5	58.5
22-Aug-04	13:30	61.6	63.5	57.0
22-Aug-04	13:35	63.5	66.0	59.5
22-Aug-04	13:40	63.1	66.0	58.5
22-Aug-04	13:45	64.0	67.0	59.5
22-Aug-04	13:50	62.6	65.5	58.5
22-Aug-04	13:55	62.4	65.5	58.0

22-Aug-04	14:00	64.6	67.5	59.0
22-Aug-04	14:05	63.9	66.5	59.5
22-Aug-04	14:10	64.3	67.0	59.0
22-Aug-04	14:15	62.3	65.0	57.5
22-Aug-04	14:20	64.4	67.0	59.5
22-Aug-04	14:25	62.8	65.5	58.5
22-Aug-04	14:30	64.4	68.0	58.5
22-Aug-04	14:35	65.5	68.5	60.0
22-Aug-04	14:40	63.3	66.0	58.5
22-Aug-04	14:45	63.8	66.5	56.0
22-Aug-04	14:50	64.7	67.0	61.0
22-Aug-04	14:55	63.7	67.0	58.0
22-Aug-04	15:00	64.7	67.5	59.5
22-Aug-04	15:05	62.6	65.5	57.5
22-Aug-04	15:10	64.1	67.5	58.5
22-Aug-04	15:15	64.1	66.5	59.5
22-Aug-04	15:20	64.1	67.5	59.5
22-Aug-04	15:25	64.1	67.0	59.0
22-Aug-04	15:30	62.1	66.0	57.0
22-Aug-04	15:35	63.9	66.5	59.5
22-Aug-04	15:40	62.3	64.5	58.5
22-Aug-04	15:45	62.8	66.0	57.5
22-Aug-04	15:50	63.0	66.0	57.5
22-Aug-04	15:55	63.7	67.5	56.5
22-Aug-04	16:00	61.1	63.5	56.5
22-Aug-04	16:05	63.2	66.0	57.5
22-Aug-04	16:10	63.6	66.0	58.5
22-Aug-04	16:15	64.1	67.0	59.0
22-Aug-04	16:20	62.4	64.5	58.5
22-Aug-04	16:25	63.3	66.5	58.0
22-Aug-04	16:30	64.1	67.5	58.0
22-Aug-04	16:35	64.3	67.5	59.5
22-Aug-04	16:40	63.7	66.0	59.5
22-Aug-04	16:45	63.0	65.5	58.5
22-Aug-04	16:50	63.6	66.0	59.5
22-Aug-04	16:55	62.6	66.0	58.0
22-Aug-04	17:00	63.8	67.0	59.5
22-Aug-04	17:05	62.9	66.0	58.5
22-Aug-04	17:10	62.8	66.5	57.0
22-Aug-04	17:15	63.9	68.0	57.5
22-Aug-04	17:20	64.6	67.5	60.0
22-Aug-04	17:25	63.7	67.0	57.5
22-Aug-04	17:30	62.7	65.5	57.5
22-Aug-04	17:35	63.8	67.0	58.5
22-Aug-04	17:40	63.2	66.5	59.0
22-Aug-04	17:45	63.9	67.0	57.5
22-Aug-04	17:50	62.4	65.0	58.0

22-Aug-04	17:55	62.1	65.5	57.5
22-Aug-04	18:00	63.0	65.5	58.0
22-Aug-04	18:05	62.7	66.0	57.5
22-Aug-04	18:10	63.2	66.5	58.0
22-Aug-04	18:15	61.4	64.5	56.0
22-Aug-04	18:20	63.5	67.5	57.5
22-Aug-04	18:25	63.4	66.5	58.5
22-Aug-04	18:30	62.3	64.5	58.0
22-Aug-04	18:35	63.2	66.0	59.5
22-Aug-04	18:40	63.8	66.5	60.5
22-Aug-04	18:45	63.1	66.0	59.5
22-Aug-04	18:50	63.1	66.0	59.0
22-Aug-04	18:55	62.8	65.5	59.5
Average		63.5	66.4	58.3
Minimum		60.3	63.0	54.0
Maximum		71.4	76.0	65.5

SR4

Date	Time	dB (A) (30-min)		
		L _{eq}	L ₁₀	L ₉₀
15-Aug-04	7:00	57.5	59.5	54.0
15-Aug-04	7:05	56.2	58.0	54.0
15-Aug-04	7:10	56.7	59.0	53.5
15-Aug-04	7:15	57.3	60.5	53.5
15-Aug-04	7:20	57.2	59.5	53.5
15-Aug-04	7:25	56.6	58.5	53.5
15-Aug-04	7:30	56.7	59.5	53.5
15-Aug-04	7:35	57.1	60.5	53.5
15-Aug-04	7:40	58.9	62.0	54.0
15-Aug-04	7:45	58.6	58.5	53.5
15-Aug-04	7:50	58.6	61.0	54.5
15-Aug-04	7:55	58.0	61.0	54.0
15-Aug-04	8:00	58.3	60.0	55.5
15-Aug-04	8:05	58.9	61.0	56.0
15-Aug-04	8:10	62.5	64.0	56.5
15-Aug-04	8:15	61.9	63.5	58.0
15-Aug-04	8:20	62.9	64.5	58.0
15-Aug-04	8:25	61.7	63.5	58.0
15-Aug-04	8:30	61.3	63.0	56.5
15-Aug-04	8:35	62.5	65.0	56.0
15-Aug-04	8:40	60.6	63.5	56.0
15-Aug-04	8:45	59.8	62.0	56.0
15-Aug-04	8:50	61.4	64.0	55.5
15-Aug-04	8:55	60.5	63.0	56.0
15-Aug-04	9:00	61.4	64.5	56.0
15-Aug-04	9:05	60.2	63.0	55.5
15-Aug-04	9:10	60.8	63.5	57.0
15-Aug-04	9:15	61.0	63.0	57.0
15-Aug-04	9:20	60.7	62.5	57.5
15-Aug-04	9:25	63.1	65.5	58.5
15-Aug-04	9:30	62.8	66.0	57.5
15-Aug-04	9:35	62.6	65.5	57.5
15-Aug-04	9:40	61.0	63.5	56.5
15-Aug-04	9:45	61.2	63.0	56.5
15-Aug-04	9:50	60.5	63.0	55.5
15-Aug-04	9:55	60.5	63.0	56.5
15-Aug-04	10:00	61.0	64.0	54.5
15-Aug-04	10:05	63.0	66.0	56.5
15-Aug-04	10:10	60.3	63.0	55.0
15-Aug-04	10:15	69.8	68.0	54.5
15-Aug-04	10:20	70.5	72.5	55.0
15-Aug-04	10:25	59.7	63.0	55.0
15-Aug-04	10:30	59.0	62.5	55.0

15-Aug-04	10:35	63.3	66.0	66.0	56.0
15-Aug-04	10:40	61.5	63.5	63.5	56.0
15-Aug-04	10:45	61.5	64.5	64.5	56.0
15-Aug-04	10:50	63.3	65.0	65.0	57.0
15-Aug-04	10:55	60.7	63.0	63.0	56.0
15-Aug-04	11:00	61.9	64.0	64.0	57.0
15-Aug-04	11:05	63.2	64.0	64.0	57.5
15-Aug-04	11:10	60.3	63.0	63.0	56.0
15-Aug-04	11:15	62.8	65.5	65.5	58.0
15-Aug-04	11:20	62.1	64.5	64.5	57.5
15-Aug-04	11:25	59.4	61.5	61.5	56.5
15-Aug-04	11:30	59.1	61.5	61.5	56.0
15-Aug-04	11:35	62.4	64.5	64.5	55.5
15-Aug-04	11:40	58.7	61.5	61.5	54.5
15-Aug-04	11:45	58.3	61.5	61.5	54.0
15-Aug-04	11:50	58.2	61.5	61.5	54.0
15-Aug-04	11:55	56.2	58.5	58.5	53.5
15-Aug-04	12:00	57.3	60.0	60.0	53.5
15-Aug-04	12:05	57.7	60.5	60.5	54.0
15-Aug-04	12:10	58.1	61.0	61.0	54.5
15-Aug-04	12:15	58.7	62.0	62.0	53.5
15-Aug-04	12:20	58.1	61.5	61.5	54.5
15-Aug-04	12:25	58.1	61.5	61.5	54.0
15-Aug-04	12:30	57.6	60.0	60.0	54.5
15-Aug-04	12:35	58.6	61.5	61.5	54.5
15-Aug-04	12:40	57.4	59.5	59.5	54.0
15-Aug-04	12:45	57.1	59.5	59.5	54.0
15-Aug-04	12:50	57.8	61.0	61.0	54.0
15-Aug-04	12:55	59.5	62.5	62.5	54.5
15-Aug-04	13:00	56.9	59.0	59.0	54.5
15-Aug-04	13:05	63.0	67.0	67.0	55.0
15-Aug-04	13:10	60.4	63.0	63.0	56.5
15-Aug-04	13:15	60.1	62.0	62.0	56.5
15-Aug-04	13:20	62.9	65.0	65.0	57.0
15-Aug-04	13:25	58.7	60.5	60.5	56.5
15-Aug-04	13:30	61.7	64.0	64.0	56.5
15-Aug-04	13:35	60.0	61.5	61.5	56.5
15-Aug-04	13:40	59.8	62.0	62.0	56.0
15-Aug-04	13:45	61.2	64.0	64.0	56.5
15-Aug-04	13:50	60.4	62.5	62.5	55.0
15-Aug-04	13:55	58.3	60.5	60.5	55.5
15-Aug-04	14:00	61.6	62.5	62.5	56.0
15-Aug-04	14:05	61.2	64.5	64.5	56.0
15-Aug-04	14:10	62.2	65.0	65.0	56.0
15-Aug-04	14:15	61.3	63.5	63.5	56.5
15-Aug-04	14:20	62.2	64.0	64.0	55.5
15-Aug-04	14:25	62.7	64.5	64.5	56.0

15-Aug-04	14:30	60.7	63.0	63.0	56.0
15-Aug-04	14:35	60.0	62.5	62.5	56.0
15-Aug-04	14:40	59.0	60.5	60.5	55.5
15-Aug-04	14:45	63.3	65.5	65.5	56.0
15-Aug-04	14:50	61.4	63.5	63.5	56.0
15-Aug-04	14:55	60.9	64.0	64.0	56.0
15-Aug-04	15:00	61.7	64.0	64.0	56.0
15-Aug-04	15:05	61.7	64.0	64.0	56.5
15-Aug-04	15:10	60.6	63.0	63.0	56.0
15-Aug-04	15:15	62.4	64.5	64.5	56.5
15-Aug-04	15:20	59.5	62.5	62.5	55.0
15-Aug-04	15:25	57.7	60.5	60.5	54.0
15-Aug-04	15:30	60.3	62.5	62.5	56.0
15-Aug-04	15:35	63.1	66.0	66.0	58.0
15-Aug-04	15:40	60.1	63.5	63.5	56.0
15-Aug-04	15:45	58.5	60.5	60.5	55.5
15-Aug-04	15:50	60.9	63.0	63.0	57.5
15-Aug-04	15:55	61.4	64.0	64.0	58.0
15-Aug-04	16:00	60.4	63.5	63.5	56.0
15-Aug-04	16:05	61.1	64.0	64.0	57.0
15-Aug-04	16:10	60.3	62.0	62.0	56.5
15-Aug-04	16:15	60.3	62.5	62.5	56.5
15-Aug-04	16:20	62.1	64.5	64.5	57.0
15-Aug-04	16:25	61.0	63.0	63.0	57.0
15-Aug-04	16:30	59.9	62.0	62.0	56.5
15-Aug-04	16:35	61.1	63.5	63.5	56.5
15-Aug-04	16:40	61.5	63.5	63.5	57.0
15-Aug-04	16:45	63.0	66.0	66.0	58.0
15-Aug-04	16:50	60.0	62.0	62.0	57.0
15-Aug-04	16:55	60.0	62.0	62.0	57.5
15-Aug-04	17:00	59.9	62.0	62.0	56.0
15-Aug-04	17:05	59.5	62.0	62.0	56.5
15-Aug-04	17:10	61.3	64.0	64.0	57.0
15-Aug-04	17:15	60.2	63.0	63.0	56.5
15-Aug-04	17:20	58.9	61.5	61.5	56.0
15-Aug-04	17:25	59.6	62.0	62.0	56.5
15-Aug-04	17:30	59.1	61.5	61.5	56.5
15-Aug-04	17:35	58.8	60.5	60.5	56.5
15-Aug-04	17:40	59.4	61.0	61.0	56.5
15-Aug-04	17:45	58.9	61.5	61.5	55.5
15-Aug-04	17:50	58.4	59.5	59.5	56.0
15-Aug-04	17:55	59.7	60.5	60.5	56.5
15-Aug-04	18:00	59.9	62.5	62.5	56.0
15-Aug-04	18:05	59.4	62.0	62.0	56.0
15-Aug-04	18:10	58.6	60.5	60.5	56.5
15-Aug-04	18:15	59.0	61.5	61.5	56.0
15-Aug-04	18:20	59.1	62.0	62.0	55.5

15-Aug-04	18:25	58.5	60.5	56.5
15-Aug-04	18:30	59.8	62.5	56.5
15-Aug-04	18:35	57.8	59.5	56.0
15-Aug-04	18:40	59.0	61.5	56.0
15-Aug-04	18:45	58.3	60.5	56.0
15-Aug-04	18:50	57.9	60.0	55.5
15-Aug-04	18:55	60.2	62.5	56.5
22-Aug-04	7:00	57.4	60.5	53.5
22-Aug-04	7:05	56.8	60.0	54.0
22-Aug-04	7:10	58.5	61.0	54.0
22-Aug-04	7:15	57.4	59.0	54.0
22-Aug-04	7:20	57.7	60.0	54.5
22-Aug-04	7:25	55.8	58.5	53.5
22-Aug-04	7:30	57.2	61.0	53.0
22-Aug-04	7:35	56.3	58.5	54.0
22-Aug-04	7:40	57.3	60.0	53.5
22-Aug-04	7:45	57.5	60.0	54.0
22-Aug-04	7:50	56.7	59.0	54.0
22-Aug-04	7:55	58.9	62.0	54.5
22-Aug-04	8:00	57.8	60.5	54.5
22-Aug-04	8:05	57.7	60.0	54.5
22-Aug-04	8:10	58.6	60.5	55.0
22-Aug-04	8:15	59.3	61.5	54.5
22-Aug-04	8:20	61.2	64.5	55.0
22-Aug-04	8:25	58.7	61.0	55.5
22-Aug-04	8:30	59.9	61.0	55.0
22-Aug-04	8:35	58.9	61.0	56.0
22-Aug-04	8:40	61.4	63.0	56.5
22-Aug-04	8:45	58.8	61.0	56.0
22-Aug-04	8:50	59.9	62.5	57.0
22-Aug-04	8:55	59.7	62.5	56.5
22-Aug-04	9:00	60.0	63.0	56.5
22-Aug-04	9:05	61.7	64.0	58.5
22-Aug-04	9:10	62.9	64.5	59.5
22-Aug-04	9:15	63.2	64.5	61.0
22-Aug-04	9:20	61.7	63.5	59.5
22-Aug-04	9:25	62.8	64.5	60.5
22-Aug-04	9:30	62.5	64.5	60.0
22-Aug-04	9:35	60.8	63.5	57.5
22-Aug-04	9:40	60.7	63.5	57.0
22-Aug-04	9:45	59.6	61.5	56.5
22-Aug-04	9:50	61.7	66.5	56.0
22-Aug-04	9:55	67.8	70.0	64.0
22-Aug-04	10:00	70.0	71.0	68.5
22-Aug-04	10:05	65.3	68.0	62.0
22-Aug-04	10:10	62.2	65.0	58.5
22-Aug-04	10:15	61.4	63.5	58.5

22-Aug-04	10:20	60.6	62.5	58.0
22-Aug-04	10:25	62.1	64.5	58.0
22-Aug-04	10:30	61.4	63.5	58.5
22-Aug-04	10:35	61.4	64.0	58.0
22-Aug-04	10:40	61.6	63.0	58.0
22-Aug-04	10:45	60.9	63.5	58.0
22-Aug-04	10:50	60.6	63.0	58.0
22-Aug-04	10:55	60.5	62.5	58.0
22-Aug-04	11:00	61.9	64.0	59.0
22-Aug-04	11:05	63.3	65.0	60.5
22-Aug-04	11:10	62.3	63.5	60.0
22-Aug-04	11:15	62.6	64.5	60.0
22-Aug-04	11:20	63.3	64.5	60.0
22-Aug-04	11:25	62.4	64.0	59.5
22-Aug-04	11:30	63.1	65.0	59.5
22-Aug-04	11:35	61.9	64.0	58.5
22-Aug-04	11:40	61.6	64.0	56.0
22-Aug-04	11:45	59.2	61.5	55.5
22-Aug-04	11:50	59.2	62.5	54.5
22-Aug-04	11:55	58.7	61.5	55.0
22-Aug-04	12:00	58.9	61.5	54.5
22-Aug-04	12:05	58.3	60.5	54.5
22-Aug-04	12:10	58.4	61.0	55.0
22-Aug-04	12:15	58.8	61.0	55.0
22-Aug-04	12:20	58.5	60.5	55.0
22-Aug-04	12:25	58.1	61.5	54.5
22-Aug-04	12:30	57.8	61.0	54.0
22-Aug-04	12:35	58.6	61.5	54.5
22-Aug-04	12:40	58.2	61.5	54.0
22-Aug-04	12:45	58.5	61.0	55.0
22-Aug-04	12:50	57.5	59.5	54.5
22-Aug-04	12:55	62.0	63.0	55.5
22-Aug-04	13:00	58.7	61.5	55.0
22-Aug-04	13:05	58.0	60.5	55.0
22-Aug-04	13:10	58.4	60.5	55.5
22-Aug-04	13:15	59.8	63.0	55.5
22-Aug-04	13:20	59.4	61.5	56.0
22-Aug-04	13:25	59.8	62.5	55.5
22-Aug-04	13:30	59.4	62.0	55.5
22-Aug-04	13:35	58.8	61.0	55.0
22-Aug-04	13:40	59.3	61.0	55.5
22-Aug-04	13:45	59.8	62.5	55.5
22-Aug-04	13:50	63.2	64.0	57.0
22-Aug-04	13:55	63.6	64.0	58.0
22-Aug-04	14:00	61.5	64.5	57.0
22-Aug-04	14:05	61.1	63.0	57.5
22-Aug-04	14:10	59.8	62.0	57.0

22-Aug-04	14:15	60.3	62.5	57.5
22-Aug-04	14:20	60.2	62.0	57.0
22-Aug-04	14:25	59.8	61.5	57.0
22-Aug-04	14:30	61.0	63.5	56.0
22-Aug-04	14:35	59.0	61.5	55.5
22-Aug-04	14:40	58.4	60.0	56.0
22-Aug-04	14:45	60.3	63.5	56.5
22-Aug-04	14:50	60.3	62.5	57.5
22-Aug-04	14:55	60.8	63.5	56.5
22-Aug-04	15:00	60.6	63.5	56.0
22-Aug-04	15:05	59.8	62.5	55.0
22-Aug-04	15:10	59.8	61.5	56.5
22-Aug-04	15:15	60.4	63.0	56.5
22-Aug-04	15:20	59.9	62.5	57.0
22-Aug-04	15:25	58.5	60.5	56.0
22-Aug-04	15:30	59.7	61.5	56.5
22-Aug-04	15:35	60.4	63.0	57.0
22-Aug-04	15:40	58.6	60.5	56.5
22-Aug-04	15:45	62.9	62.0	57.0
22-Aug-04	15:50	60.1	62.5	57.0
22-Aug-04	15:55	60.5	62.5	57.5
22-Aug-04	16:00	58.0	59.5	55.0
22-Aug-04	16:05	58.8	61.5	55.0
22-Aug-04	16:10	59.2	61.5	54.5
22-Aug-04	16:15	58.0	61.0	54.0
22-Aug-04	16:20	57.8	60.0	54.0
22-Aug-04	16:25	58.6	61.5	54.0
22-Aug-04	16:30	58.2	61.0	54.0
22-Aug-04	16:35	61.7	63.5	55.0
22-Aug-04	16:40	59.9	61.5	53.5
22-Aug-04	16:45	58.1	61.0	53.5
22-Aug-04	16:50	57.4	60.0	53.5
22-Aug-04	16:55	56.6	58.5	53.5
22-Aug-04	17:00	58.5	61.0	54.5
22-Aug-04	17:05	59.5	62.5	55.0
22-Aug-04	17:10	59.3	61.5	55.0
22-Aug-04	17:15	59.8	62.5	55.5
22-Aug-04	17:20	61.6	64.5	57.0
22-Aug-04	17:25	61.3	63.0	58.0
22-Aug-04	17:30	60.8	63.0	58.0
22-Aug-04	17:35	61.3	63.0	58.0
22-Aug-04	17:40	62.5	64.0	58.5
22-Aug-04	17:45	60.4	62.5	58.0
22-Aug-04	17:50	59.4	62.5	53.0
22-Aug-04	17:55	56.9	60.0	53.0
22-Aug-04	18:00	58.8	61.5	53.5
22-Aug-04	18:05	57.2	60.0	53.5

22-Aug-04	18:10	57.7	60.5	53.0
22-Aug-04	18:15	58.0	61.0	54.0
22-Aug-04	18:20	58.2	61.5	54.0
22-Aug-04	18:25	58.1	61.5	53.5
22-Aug-04	18:30	56.3	59.0	53.0
22-Aug-04	18:35	58.0	61.0	53.0
22-Aug-04	18:40	59.1	62.0	53.5
22-Aug-04	18:45	57.7	60.5	53.0
22-Aug-04	18:50	57.7	60.5	54.0
22-Aug-04	18:55	58.4	61.0	54.0
Average				
60.7				
62.9				
56.5				
Minimum				
55.8				
53.0				
Maximum				
70.5				
72.5				
68.5				

SR6

Date	Time	dB (A) (30-min)		
		L _{eq}	L ₁₀	L ₉₀
15-Aug-04	7:00	68.2	69.5	63.0
15-Aug-04	7:05	68.2	69.5	63.0
15-Aug-04	7:10	68.2	69.5	63.0
15-Aug-04	7:15	68.2	69.5	63.0
15-Aug-04	7:20	68.2	69.5	63.0
15-Aug-04	7:25	68.2	69.5	63.0
15-Aug-04	7:30	68.2	69.5	63.0
15-Aug-04	7:35	68.2	69.5	63.0
15-Aug-04	7:40	68.2	69.5	63.0
15-Aug-04	7:45	68.2	69.5	63.0
15-Aug-04	7:50	68.2	69.5	63.0
15-Aug-04	7:55	68.2	69.5	63.0
15-Aug-04	8:00	68.2	69.5	63.0
15-Aug-04	8:05	68.2	69.5	63.0
15-Aug-04	8:10	68.2	69.5	63.0
15-Aug-04	8:15	68.2	69.5	63.0
15-Aug-04	8:20	68.3	69.5	63.5
15-Aug-04	8:25	68.2	69.5	63.0
15-Aug-04	8:30	68.2	69.5	63.0
15-Aug-04	8:35	68.3	69.5	63.5
15-Aug-04	8:40	68.5	70.0	64.0
15-Aug-04	8:45	68.5	70.0	63.5
15-Aug-04	8:50	68.4	69.5	63.5
15-Aug-04	8:55	68.4	70.0	63.5
15-Aug-04	9:00	68.4	69.5	63.5
15-Aug-04	9:05	68.5	70.0	64.0
15-Aug-04	9:10	68.7	70.0	64.5
15-Aug-04	9:15	68.7	70.0	64.5
15-Aug-04	9:20	68.5	70.0	63.5
15-Aug-04	9:25	68.4	69.5	63.5
15-Aug-04	9:30	68.5	70.0	64.0
15-Aug-04	9:35	68.6	70.0	64.0
15-Aug-04	9:40	68.8	70.0	64.5
15-Aug-04	9:45	68.9	70.0	65.0
15-Aug-04	9:50	68.6	70.0	64.0
15-Aug-04	9:55	68.8	70.0	64.0
15-Aug-04	10:00	68.5	70.0	64.0
15-Aug-04	10:05	68.5	70.0	64.0
15-Aug-04	10:10	68.4	69.5	63.5
15-Aug-04	10:15	68.4	69.5	63.5
15-Aug-04	10:20	68.4	69.5	63.5
15-Aug-04	10:25	68.4	70.0	63.5
15-Aug-04	10:30	68.4	70.0	63.5

15-Aug-04	10:35	68.3	69.5	63.0
15-Aug-04	10:40	68.8	70.0	64.5
15-Aug-04	10:45	68.9	70.0	64.5
15-Aug-04	10:50	68.7	70.0	64.5
15-Aug-04	10:55	68.8	70.0	64.0
15-Aug-04	11:00	68.8	70.0	64.5
15-Aug-04	11:05	68.7	70.0	64.5
15-Aug-04	11:10	68.4	70.0	63.5
15-Aug-04	11:15	68.3	69.5	63.0
15-Aug-04	11:20	68.4	70.0	63.5
15-Aug-04	11:25	68.3	69.5	63.0
15-Aug-04	11:30	68.4	70.0	63.0
15-Aug-04	11:35	68.4	70.0	63.5
15-Aug-04	11:40	68.3	69.5	63.0
15-Aug-04	11:45	68.3	69.5	63.0
15-Aug-04	11:50	68.3	69.5	63.0
15-Aug-04	11:55	68.3	69.5	63.0
15-Aug-04	12:00	68.4	70.0	63.0
15-Aug-04	12:05	68.4	70.0	63.0
15-Aug-04	12:10	68.4	70.0	63.0
15-Aug-04	12:15	68.4	70.0	63.0
15-Aug-04	12:20	68.5	70.0	63.5
15-Aug-04	12:25	68.4	70.0	63.0
15-Aug-04	12:30	68.4	70.0	63.0
15-Aug-04	12:35	68.4	70.0	63.0
15-Aug-04	12:40	68.4	70.0	63.5
15-Aug-04	12:45	68.4	70.0	63.0
15-Aug-04	12:50	68.4	70.0	63.0
15-Aug-04	12:55	68.4	70.0	63.0
15-Aug-04	13:00	68.7	70.0	63.5
15-Aug-04	13:05	68.4	70.0	63.5
15-Aug-04	13:10	68.4	70.0	63.5
15-Aug-04	13:15	68.5	70.0	63.5
15-Aug-04	13:20	68.4	70.0	63.0
15-Aug-04	13:25	68.4	70.0	63.0
15-Aug-04	13:30	68.4	70.0	63.0
15-Aug-04	13:35	68.4	70.0	63.0
15-Aug-04	13:40	68.4	70.0	63.0
15-Aug-04	13:45	68.5	70.0	63.5
15-Aug-04	13:50	68.4	70.0	63.0
15-Aug-04	13:55	68.8	70.0	64.5
15-Aug-04	14:00	68.9	70.0	64.5
15-Aug-04	14:05	68.5	70.0	63.5
15-Aug-04	14:10	68.5	70.0	63.5
15-Aug-04	14:15	68.4	70.0	63.5
15-Aug-04	14:20	68.4	70.0	63.0
15-Aug-04	14:25	68.4	70.0	63.0

15-Aug-04	14:30	68.4	70.0	63.0
15-Aug-04	14:35	68.4	70.0	63.0
15-Aug-04	14:40	68.4	70.0	63.0
15-Aug-04	14:45	68.7	70.0	63.5
15-Aug-04	14:50	68.4	70.0	63.5
15-Aug-04	14:55	68.4	70.0	63.0
15-Aug-04	15:00	68.4	70.0	63.0
15-Aug-04	15:05	68.4	70.0	63.0
15-Aug-04	15:10	68.4	70.0	63.0
15-Aug-04	15:15	68.4	70.0	63.0
15-Aug-04	15:20	68.4	70.0	63.0
15-Aug-04	15:25	68.5	70.0	63.5
15-Aug-04	15:30	70.5	72.5	66.5
15-Aug-04	15:35	68.5	70.0	63.5
15-Aug-04	15:40	68.4	70.0	63.0
15-Aug-04	15:45	68.3	69.5	63.0
15-Aug-04	15:50	68.3	69.5	63.0
15-Aug-04	15:55	68.4	70.0	63.0
15-Aug-04	16:00	68.3	69.5	63.0
15-Aug-04	16:05	68.3	69.5	63.0
15-Aug-04	16:10	68.3	69.5	63.0
15-Aug-04	16:15	68.3	69.5	63.0
15-Aug-04	16:20	68.6	69.5	63.0
15-Aug-04	16:25	68.3	69.5	63.0
15-Aug-04	16:30	68.2	69.5	63.0
15-Aug-04	16:35	68.3	69.5	63.0
15-Aug-04	16:40	68.2	69.5	63.0
15-Aug-04	16:45	68.2	69.5	63.0
15-Aug-04	16:50	68.3	69.5	63.0
15-Aug-04	16:55	68.3	69.5	63.0
15-Aug-04	17:00	68.2	69.5	63.0
15-Aug-04	17:05	68.2	69.5	63.0
15-Aug-04	17:10	68.2	69.5	63.0
15-Aug-04	17:15	68.2	69.5	63.0
15-Aug-04	17:20	68.2	69.5	63.0
15-Aug-04	17:25	68.3	69.5	63.0
15-Aug-04	17:30	68.2	69.5	63.0
15-Aug-04	17:35	68.2	69.5	63.0
15-Aug-04	17:40	68.2	69.5	63.0
15-Aug-04	17:45	68.2	69.5	63.0
15-Aug-04	17:50	68.2	69.5	63.0
15-Aug-04	17:55	68.2	69.5	63.0
15-Aug-04	18:00	68.2	69.5	63.0
15-Aug-04	18:05	68.2	69.5	63.0
15-Aug-04	18:10	68.2	69.5	63.0
15-Aug-04	18:15	68.2	69.5	63.0
15-Aug-04	18:20	68.2	69.5	63.0

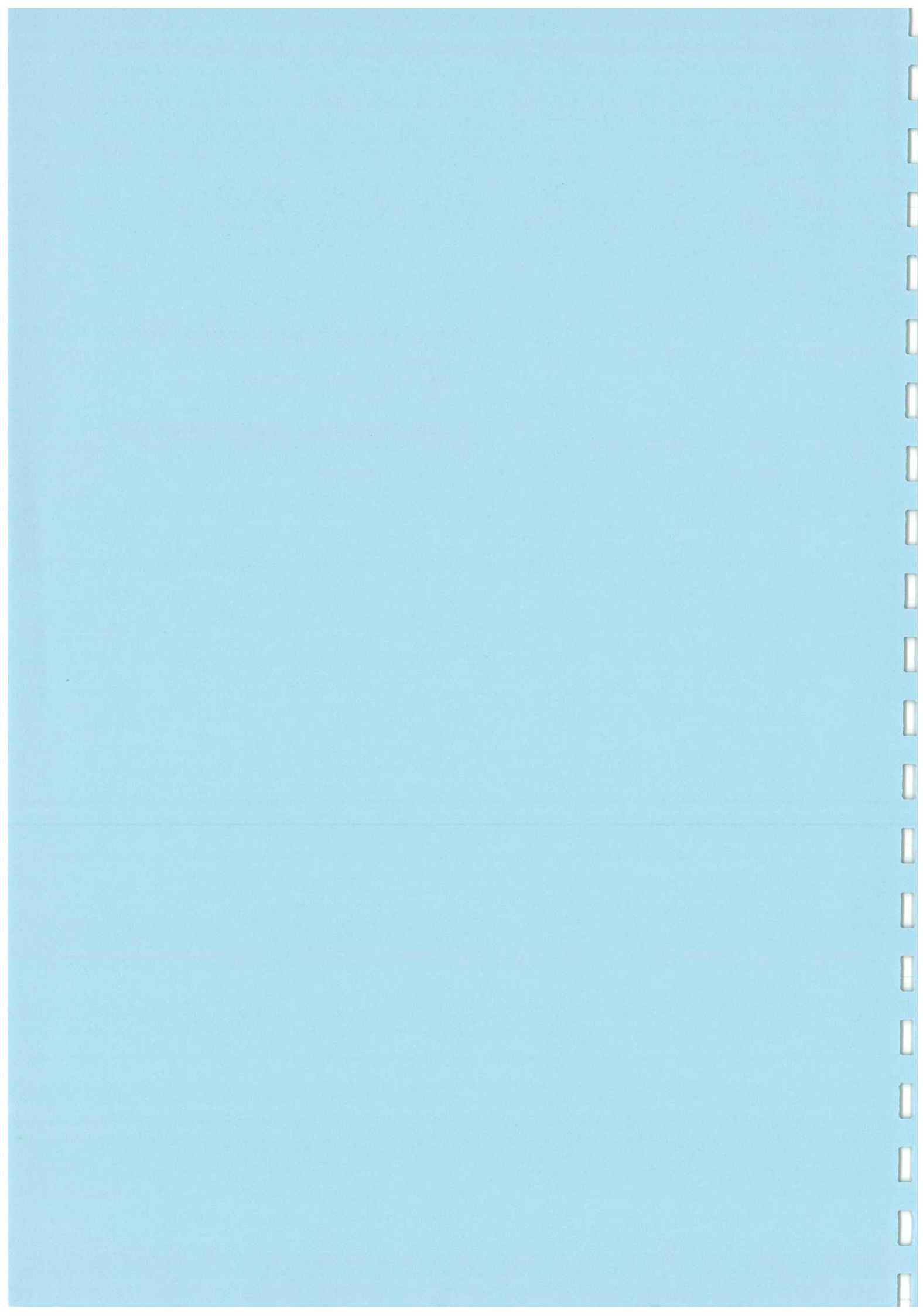
15-Aug-04	18:25	68.2	69.5	63.0
15-Aug-04	18:30	68.2	69.5	63.0
15-Aug-04	18:35	68.2	69.5	63.0
15-Aug-04	18:40	68.2	69.5	63.0
15-Aug-04	18:45	68.2	69.5	63.0
15-Aug-04	18:50	68.2	69.5	63.0
15-Aug-04	18:55	68.2	69.5	63.0
22-Aug-04	7:00	67.9	69.5	62.5
22-Aug-04	7:05	67.9	69.5	62.5
22-Aug-04	7:10	67.9	69.5	62.5
22-Aug-04	7:15	68.0	69.5	62.5
22-Aug-04	7:20	67.9	69.5	62.5
22-Aug-04	7:25	67.9	69.5	62.5
22-Aug-04	7:30	67.9	69.5	62.5
22-Aug-04	7:35	67.9	69.5	62.5
22-Aug-04	7:40	67.9	69.5	62.5
22-Aug-04	7:45	67.9	69.5	62.5
22-Aug-04	7:50	67.9	69.5	62.5
22-Aug-04	7:55	67.9	69.5	62.5
22-Aug-04	8:00	67.9	69.5	62.5
22-Aug-04	8:05	67.9	69.5	62.5
22-Aug-04	8:10	68.0	69.5	62.5
22-Aug-04	8:15	67.9	69.5	62.5
22-Aug-04	8:20	68.1	69.5	63.0
22-Aug-04	8:25	68.4	70.0	64.0
22-Aug-04	8:30	68.8	70.0	65.0
22-Aug-04	8:35	68.6	70.0	64.5
22-Aug-04	8:40	68.1	69.5	63.5
22-Aug-04	8:45	68.2	69.5	63.5
22-Aug-04	8:50	68.3	69.5	64.0
22-Aug-04	8:55	68.0	69.5	63.0
22-Aug-04	9:00	68.1	69.5	63.0
22-Aug-04	9:05	68.6	70.0	64.5
22-Aug-04	9:10	68.7	70.0	65.0
22-Aug-04	9:15	69.0	70.0	65.5
22-Aug-04	9:20	68.8	70.0	65.0
22-Aug-04	9:25	69.9	71.5	66.5
22-Aug-04	9:30	69.3	70.5	66.0
22-Aug-04	9:35	68.5	70.0	64.0
22-Aug-04	9:40	68.3	69.5	64.0
22-Aug-04	9:45	68.1	69.5	63.0
22-Aug-04	9:50	70.5	73.5	64.5
22-Aug-04	9:55	73.0	74.0	71.0
22-Aug-04	10:00	73.9	74.5	72.5
22-Aug-04	10:05	71.5	73.5	68.5
22-Aug-04	10:10	68.9	70.0	65.5
22-Aug-04	10:15	68.5	70.0	64.0

22-Aug-04	10:20	68.4	69.5	64.0
22-Aug-04	10:25	68.4	69.5	64.0
22-Aug-04	10:30	68.5	70.0	64.0
22-Aug-04	10:35	68.5	70.0	64.5
22-Aug-04	10:40	68.6	70.0	64.5
22-Aug-04	10:45	69.0	70.0	65.5
22-Aug-04	10:50	69.2	70.5	66.0
22-Aug-04	10:55	69.3	70.5	66.0
22-Aug-04	11:00	69.3	70.5	66.0
22-Aug-04	11:05	69.0	70.0	65.5
22-Aug-04	11:10	69.0	70.0	65.5
22-Aug-04	11:15	68.9	70.0	65.0
22-Aug-04	11:20	68.8	70.0	65.0
22-Aug-04	11:25	68.7	70.0	65.0
22-Aug-04	11:30	68.8	70.0	65.0
22-Aug-04	11:35	68.7	70.0	64.5
22-Aug-04	11:40	68.5	70.0	64.5
22-Aug-04	11:45	68.5	70.0	64.0
22-Aug-04	11:50	68.5	70.0	64.5
22-Aug-04	11:55	68.5	70.0	64.0
22-Aug-04	12:00	68.5	70.0	64.0
22-Aug-04	12:05	68.4	70.0	64.0
22-Aug-04	12:10	68.5	70.0	64.0
22-Aug-04	12:15	68.4	70.0	64.0
22-Aug-04	12:20	68.4	70.0	64.0
22-Aug-04	12:25	68.4	69.5	64.0
22-Aug-04	12:30	68.4	69.5	64.0
22-Aug-04	12:35	68.4	69.5	64.0
22-Aug-04	12:40	68.4	69.5	64.0
22-Aug-04	12:45	68.4	70.0	64.0
22-Aug-04	12:50	68.4	69.5	64.0
22-Aug-04	12:55	68.4	70.0	64.0
22-Aug-04	13:00	68.4	69.5	63.5
22-Aug-04	13:05	68.4	69.5	63.5
22-Aug-04	13:10	68.3	69.5	63.5
22-Aug-04	13:15	68.3	69.5	63.5
22-Aug-04	13:20	68.4	69.5	63.5
22-Aug-04	13:25	68.4	70.0	64.0
22-Aug-04	13:30	69.3	70.5	66.0
22-Aug-04	13:35	69.2	70.5	66.0
22-Aug-04	13:40	69.0	70.0	65.5
22-Aug-04	13:45	68.5	70.0	64.0
22-Aug-04	13:50	68.4	69.5	63.5
22-Aug-04	13:55	68.4	69.5	63.5
22-Aug-04	14:00	68.4	69.5	63.5
22-Aug-04	14:05	68.4	70.0	64.0
22-Aug-04	14:10	68.4	70.0	64.0

22-Aug-04	14:15	68.4	69.5	63.5
22-Aug-04	14:20	68.3	69.5	63.5
22-Aug-04	14:25	68.3	69.5	63.5
22-Aug-04	14:30	68.3	69.5	63.5
22-Aug-04	14:35	68.2	69.5	63.5
22-Aug-04	14:40	68.2	69.5	63.5
22-Aug-04	14:45	68.2	69.5	63.5
22-Aug-04	14:50	68.2	69.5	63.5
22-Aug-04	14:55	68.2	69.5	63.5
22-Aug-04	15:00	68.2	69.5	63.5
22-Aug-04	15:05	68.2	69.5	63.0
22-Aug-04	15:10	68.2	69.5	63.5
22-Aug-04	15:15	68.3	69.5	63.5
22-Aug-04	15:20	68.2	69.5	63.5
22-Aug-04	15:25	68.2	69.5	63.0
22-Aug-04	15:30	68.2	69.5	63.0
22-Aug-04	15:35	68.3	69.5	63.5
22-Aug-04	15:40	68.2	69.5	63.0
22-Aug-04	15:45	68.2	69.5	63.0
22-Aug-04	15:50	68.2	69.5	63.0
22-Aug-04	15:55	68.2	69.5	63.0
22-Aug-04	16:00	68.2	69.5	63.0
22-Aug-04	16:05	68.2	69.5	63.0
22-Aug-04	16:10	68.2	69.5	63.0
22-Aug-04	16:15	68.2	69.5	63.0
22-Aug-04	16:20	68.2	69.5	63.0
22-Aug-04	16:25	68.2	69.5	63.0
22-Aug-04	16:30	68.2	69.5	63.0
22-Aug-04	16:35	68.2	69.5	63.0
22-Aug-04	16:40	68.2	69.5	63.0
22-Aug-04	16:45	68.2	69.5	63.0
22-Aug-04	16:50	68.2	69.5	63.0
22-Aug-04	16:55	68.2	69.5	63.0
22-Aug-04	17:00	68.2	69.5	63.0
22-Aug-04	17:05	68.2	69.5	63.0
22-Aug-04	17:10	68.2	69.5	63.0
22-Aug-04	17:15	68.2	69.5	63.0
22-Aug-04	17:20	68.2	69.5	63.0
22-Aug-04	17:25	68.2	69.5	63.0
22-Aug-04	17:30	68.2	69.5	63.0
22-Aug-04	17:35	68.2	69.5	63.0
22-Aug-04	17:40	68.2	69.5	63.0
22-Aug-04	17:45	68.2	69.5	63.0
22-Aug-04	17:50	68.2	69.5	63.0
22-Aug-04	17:55	68.1	69.5	63.0
22-Aug-04	18:00	68.2	69.5	63.0
22-Aug-04	18:05	68.1	69.5	63.0

22-Aug-04	18:10	68.2	69.5	63.0
22-Aug-04	18:15	68.3	69.5	63.5
22-Aug-04	18:20	68.5	69.5	63.0
22-Aug-04	18:25	68.3	69.5	63.0
22-Aug-04	18:30	68.2	69.5	63.0
22-Aug-04	18:35	68.2	69.5	63.0
22-Aug-04	18:40	68.2	69.5	63.0
22-Aug-04	18:45	68.3	69.5	63.5
22-Aug-04	18:50	68.6	70.0	64.5
22-Aug-04	18:55	68.2	69.5	63.0
Average		68.5	69.8	63.8
Minimum		67.9	69.5	62.5
Maximum		73.9	74.5	72.5

APPENDIX F
WEATHER CONDITION FROM 13 – 26
AUGUST 2004



Weather Condition from 13-26 August 2004

Date	Maximum Temp.(°C)	Average Temp. (°C)	Minimum Temp. (°C)	Average Humidity (%)	Wind Direction	Wind Speed (km/h)
13-Aug-04	30.8	26.0	22.8	85	190	17.3
14-Aug-04	29.5	25.4	22.3	91	180	18.4
15-Aug-04	28.8	24.8	23.1	92	150	20.0
16-Aug-04	29.8	25.6	22.4	85	110	10.8
17-Aug-04	32.2	27.9	23.7	73	250	16.0
18-Aug-04	30.6	27.5	25.8	82	300	9.8
19-Aug-04	30.9	26.3	23.4	87	190	12.6
20-Aug-04	28.3	24.0	22.0	93	90	14.6
21-Aug-04	24.0	22.8	21.4	99	160#	17.0#
22-Aug-04	25.2	23.4	22.1	99	100	12.7
23-Aug-04	29.3	25.1	22.5	90	180	8.6
24-Aug-04	31.2	26.3	23.6	88	310	14.1
25-Aug-04	30.8	26.8	23.8	77	280	25.1
26-Aug-04	25.7	23.5	22.2	86	270	29.3

Remark # some wind data was missing (less than 24 hour observations a day)
 All weather data was obtained from Tate's Cairn Automatic Weather Station of the Hong Kong Observatory

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