

# Dragages-Nishimatsu Joint Venture

**Contract No. DC/2007/10**

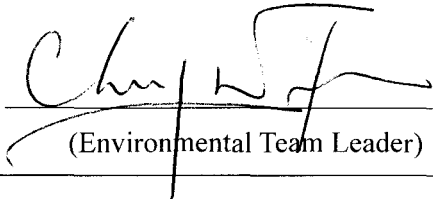
## **Design and Construction of Hong Kong West Drainage Tunnel**

**Baseline Environmental Monitoring Report**

(for Eastern & Western Portals)

(Version 2.0)

April 2008

Approved By   
(Environmental Team Leader)

REMARKS:

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

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## EXECUTIVE SUMMARY

1. This Baseline Environmental Monitoring Report was prepared by Cinotech Consultants Ltd. for the Project “Drainage Improvement in Northern Hong Kong Island – Hong Kong West Drainage Tunnel”. This report presents the baseline monitoring works performed for Eastern and Western Portals between 12 and 29 February 2008.

### **Eastern Portal**

#### **Air Quality**

2. The baseline 1-hour and 24-hour TSP (Total Suspended Particulates) monitoring was conducted at one designated locations (AQ1) between 16<sup>th</sup> February 2008 and 29<sup>th</sup> February 2008. During the monitoring, there was no major dust generating activities undertaken in the vicinity of the monitoring stations. Data collected was reviewed and analyzed to determine the Action and Limit Levels for air quality during impact monitoring throughout the construction of the Project. Details of the methodology, locations and results are presented in the report.

#### **Noise**

3. Baseline noise monitoring was conducted at two designated monitoring stations (NC1 & NC2) between 12<sup>th</sup> February 2008 and 29 February 2008. Noise levels at the designated monitoring station were measured continuously for 24 hours for a period of 14 consecutive days. Monitoring Data collected was reviewed and analyzed. Details of the locations and results are presented in this report. The baseline noise monitoring data was processed according to the following periods:

- Daytime: 0700-1900 hrs on normal weekdays
- Evening-time: 1900-2300 hrs
- Holiday-time: 0700-1900 hrs on holidays
- Night-time: 2300-0700 hrs of next day

### **Western Portal**

#### **Air Quality and Noise**

4. Since the request for setting up Environmental Monitoring Works have been rejected by all the sensitive receivers. Thus, the Supervising Officer, IEC, Contractor and ET have a technical meeting on 5 March 2008 and agreed that the monitoring can be carried out in Sassoon Road, outside Aegean Terrace. The Baseline environmental monitoring at Western Portal (AQ2a and NC3a) was conducted between 10 March 2008 and 23 March 2008 and is shown in **Figure 1.4**. Details of the locations and results are presented in separate report.

**Water Quality**

5. The baseline water quality monitoring was conducted at six monitoring stations (CE, CF, I1, I2, Intake A and Intake B) between 30 January 2008 and 27 February 2008. Monitoring was conducted three times per week for four consecutive weeks, during mid-ebb and mid-flood tides to monitor the water depth, pH, dissolved oxygen, turbidity, suspended solids, salinity and temperature. The data was processed, reviewed and analyzed to establish the Action and Limit Levels for dissolved oxygen, turbidity and suspended solids during impact/compliance monitoring throughout the construction of the Project. The baseline water quality data established in this report are considered representative of the baseline conditions for the Project.

## 1 INTRODUCTION

### Background

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

### Purpose of the Report

- 1.5 The purpose of the Report is to set out baseline levels for the air quality, noise and water quality in accordance with the approved EM&A Manual. These baseline levels will be used as the basis for compliance check during the impact monitoring in construction stage of the Project. This Report presents the locations, equipment, period, methodology, results and observations for the air quality, noise and water quality monitoring during the baseline period.

### Structure of the Baseline Monitoring Report

- 1.6 The structure of the Report is summarized as follows:

Section 1: Introduction, purpose, background and the structure of the report.

- Section 2: Air Quality, which describes the baseline air quality monitoring.
- Section 3: Noise, which describes the baseline noise monitoring.
- Section 4: Water Quality, which describes the baseline water quality monitoring
- Section 5: Revisions for inclusion in the approved EM&A Manual
- Section 6: Conclusions



## 2 AIR QUALITY

### Monitoring Requirements

- 2.1 In accordance with the approved EM&A Manual, baseline air quality monitoring should be conducted for a period of fourteen days, in terms of 1-hour and 24-hour Total Suspended Particulates (TSP). Monitoring of 1-hour TSP was carried out three times per day while that of 24-hour TSP was conducted once everyday for 14 consecutive days.

### Monitoring Equipment

- 2.2 Both 1-hour TSP monitoring and continuous 24-hour TSP air quality monitoring was performed using High Volume Sampler (HVS) associated with equipment and shelter complied with the specifications stipulated in the approved EM&A Manual. Table 2.1 summarizes the equipment used in the baseline air quality monitoring programme. Copies of the calibration certificates for the equipment are presented in **Appendix A1**.

**Table 2.1 Air Quality Monitoring Equipment**

HVS Sampler	GMWS 2310 c/w of TSP sampling inlet	2
RS232 Integral Vane Digital Anemometer	AZ Instrument (Model No. 451104)	1
Calibrator	GMW 25	1

### Monitoring Locations

- 2.3 Baseline air quality monitoring was conducted at the 1 designated monitoring station, as shown in **Figure 1.2**. **Table 2.2** describes the locations of the air quality monitoring stations.

**Table 2.2 Air Quality Monitoring Locations**

Monitoring Station	Description	Location of Measurement
AQ1	True Light Middle School of Hong Kong	Canopy

### Monitoring Parameters, Frequency and Duration

- 2.4 **Table 2.3** summarizes the monitoring parameters, monitoring period and frequencies of baseline air quality monitoring.

**Table 2.3 Frequency and Parameters of Baseline Air Quality Monitoring**

Monitoring Station	Location for Measurement	Parameter	Period	Frequency
AQ1	True Light Middle School of Hong Kong	1-hour TSP	0700-1900	3 times/day
		24-hour TSP	24 hours	Daily

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

- 2.5 Weather data was recorded during the baseline period and is shown in **Appendix D**. The air temperature, wind speed, wind direction, precipitation and the relative humidity data was obtained from the Meteorological Observations for King's Park Automatic Weather Station. The general weather conditions (i.e. sunny, cloudy or rainy) were recorded by the field staff's observation on the monitoring day.

### ***Instrumentation***

- 2.6 High volume Samplers (HVS) completed with appropriate sampling inlets were employed for air quality monitoring. Each sampler was composed of a motor, a filter holder, a flow controller and a sampling inlet and its performance specification complies with that required by USEPA Standard Title 40, Code of Federation Regulations Chapter 1 (Part 50).

### ***HVS Installation***

- 2.7 The following guidelines were adopted during the installation of HVS:
- Sufficient support was provided to secure the samplers against gusty wind.
  - No two samplers were placed less than 2 meters apart.
  - The distance between the sampler and an obstacle, such as buildings, was at least twice the height that the obstacle protrudes above the sampler.
  - A minimum of 2 meters of separation from walls, parapets and penthouses was required for rooftop samples.
  - A minimum of 2 meters separation from any supporting structure, measured horizontally was required.
  - No furnaces or incineration flues were nearby.
  - Airflow around the sampler was unrestricted.
  - The samplers were more than 20 meters from the drip line.
  - Any wire fence and gate, to protect the sampler, should not cause any obstruction during monitoring.

### ***Filters Preparation***

- 2.8 Fiberglass filters (G810) were used [Note: these filters have a collection efficiency of larger than 99% for particles of 0.3 mm diameter]. A HOKLAS accredited laboratory, Wellab Ltd., was responsible for the preparation of 24-hr conditioned and pre-weighed filter papers for Cinotech's monitoring team.
- 2.9 All filters, which were prepared by Wellab Ltd., 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  $\pm 3$  °C; the relative humidity (RH) was < 50% and not variable by more than  $\pm 5$ %. A convenient working RH was 40%.
- 2.10 Wellab Ltd. has a comprehensive quality assurance and quality control programmes.

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***Operating/Analytical Procedures***

2.11 Operating/analytical procedures for the air quality monitoring were highlighted as follows:

- Prior to the commencement of the dust sampling, the flow rate of the HVS was properly set (between 1.1 m<sup>3</sup>/min. and 1.4 m<sup>3</sup>/min.) in accordance with the manufacturer's instruction to within the range recommended in USEPA Standard Title 40, CFR Part 50.
- The power supply was checked to ensure the sampler worked properly.
- On sampling, the sampler was operated for 5 minutes to establish thermal equilibrium before placing any filter media at the designated air quality monitoring station.
- The filter holding frame was then removed by loosening the four nuts and carefully a weighted and conditioned filter was centered with the stamped number upwards, on a supporting screen.
- The filter was aligned on the screen so that the gasket formed an airtight seal on the outer edges of the filter. Then the filter holding frame was tightened to the filter holder with swing bolts. The applied pressure should be sufficient to avoid air leakage at the edges.
- The shelter lid was closed and secured with the aluminum strip.
- The timer was then programmed. Information was recorded on the record sheet, which included the starting time, the weather condition and the filter number (the initial weight of the filter paper can be found out by using the filter number).
- After sampling, the filter was removed and sent to the Wellab Ltd. for weighing. The elapsed time was also recorded.
- Before weighing, all filters were equilibrated in a conditioning environment for 24 hours. The conditioning environment temperature should be between 25°C and 30°C and not vary by more than ±3°C; the relative humidity (RH) should be < 50% and not vary by more than ±5%. A convenient working RH is 40%. Weighing results were returned to Cinotech for further analysis of TSP concentrations collected by each filter.

***Maintenance/Calibration***

2.12 The following maintenance/calibration was required for the HVS:

- The high volume motors and their accessories were properly maintained. Appropriate maintenance such as routine motor brushes replacement and electrical wiring checking were made to ensure that the equipment and necessary power supply are in good working condition.
- All HVS were calibrated (five point calibration) using Calibration Kit prior to the commencement of the baseline monitoring.

## Results and Observations

### Results

- 2.13 Baseline air quality monitoring was conducted at 1 designated monitoring station, namely AQ1, in the period between 16 and 29 February 2008. The detailed monitoring schedule is shown in **Appendix E**.
- 2.14 The monitoring data are summarized in **Tables 2.4 and 2.5**. All monitoring data of 1-hour and 24-hour TSP are presented in **Appendices A2 and A4** respectively. Graphical presentations of the 1-hour TSP and 24-hour TSP results are shown in **Appendices A3 and A5** respectively. Detailed weather conditions during the baseline monitoring period are shown in **Appendix D**.

**Table 2.4 Summary of Baseline 1-hour TSP Monitoring Results**

Monitoring Station	Average TSP Concentration, $\mu\text{g}/\text{m}^3$ (Range)
AQ1	146 (32 – 439)

**Table 2.5 Summary of Baseline 24-hour TSP Monitoring Results**

Monitoring Station	Average TSP Concentration, $\mu\text{g}/\text{m}^3$ (Range)
AQ1	109 (59 – 203)

### Observations

- 2.15 The weather was generally sunny or cloudy during the baseline monitoring period.
- 2.16 No observable dust sources were identified for Stations AQ1 but some influencing factors (road traffic dust from Tai Hang Road and dust generated from the construction activities) may be affect the baseline dust monitoring results for Stations AQ1.

**Action and Limit Levels**

2.17 The Action and Limit Levels have been set in accordance with the Approved EM&A Manual, which are summarized in **Table 2.6**.

**Table 2.6 Guidelines for Establishing Action and Limit Levels for Air Quality**

Parameters	Action Level	Limit Level
1-hour TSP	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
24-hour TSP	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

2.18 Following the above guidelines, the Action and Limit Levels for air quality impact monitoring have been set, as presented in **Tables 2.7** and **2.8**.

**Table 2.7 Action and Limit Levels for 1-hour TSP**

Location	Action Level, $\mu\text{g}/\text{m}^3$	Limit Level, $\mu\text{g}/\text{m}^3$
AQ1	345	500

**Table 2.8 Action and Limit Levels for 24-hour TSP**

Location	Action Level, $\mu\text{g}/\text{m}^3$	Limit Level, $\mu\text{g}/\text{m}^3$
AQ1	201	260

### 3 NOISE

#### Monitoring Requirements

- 3.1 Baseline noise monitoring was conducted at least 14 days at the designated monitoring station between 12 February 2008 and 29 February 2008. Logger function check and calibration was carried out according to manufacturer's recommendations. The equipment was checked and inspected not less than once every two days after the set up at each monitoring station.

#### Monitoring Locations

- 3.2 **Table 3.1** gives the location of the monitoring station, which is also shown in **Figure 1.2**.

**Table 3.1 Location of Noise Monitoring Station**

Monitoring Station	Description	Location of Measurement
NC1	True Light Middle School of Hong Kong	2/F , closest school façade facing Eastern Portal
NC2	The Legend	The podium at 16/F facing the construction site

#### Monitoring Equipment

- 3.3 Integrating Sound Level Meter was used for noise monitoring. The meter is a Type 1 sound level meter capable of giving a continuous readout of the noise level readings including equivalent continuous sound pressure level ( $L_{eq}$ ) and percentile sound pressure level ( $L_x$ ) and also complied with International Electrotechnical Commission Publications 651:1979 (Type 1) and 804:1985 (Type 1) specifications. Table 3.2 summarizes the noise monitoring equipment being used. Copies of the calibration certificates for the sound level meter and calibrator are attached in **Appendix B1**.

**Table 3.2 Noise Monitoring Equipment**

Equipment	Model and Make	Quantity
Integrating Sound Level Meter	B&K Model 2238	2
Calibrator	B&K 4231	2

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

#### Monitoring Parameters, Frequency and Duration

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

- Night-time: 2300-0700 hrs of next day

3.5 The frequency and parameters of noise measurement are presented in **Table 3.3**.

**Table 3.3 Frequency and Parameters of Noise Monitoring**

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

**Monitoring Methodology and QA/QC Procedures**

3.6 **Table 3.4** summarizes the types of measurement undertaken in the two monitoring stations.

**Table 3.4 Type of Measurement**

Monitoring Station	Measurement
NC1	Façade measurement
NC2	Façade measurement

3.7 Weather data was recorded during the baseline period and is presented in **Appendix D**. Air temperature, wind speed, wind direction and relative humidity data was obtained from the Hong Kong Observatory Webpage.

**Field Monitoring**

3.8 The monitoring procedures are as follows:

- The microphone head of the head level meter was positioned 1m exterior of the noise sensitive facade and lowered sufficiently so that the building’s external wall acts as a reflecting surface.
- The battery condition was checked to ensure good functioning of the meter.
- Parameters such as frequency weighting, the time weighting and the measurement time were set as follows:
  - frequency weighting : A
  - time weighting : Fast
  - measurement time : 5 minutes (Leq (30-min) would be determined for daytime noise by calculating the logarithmic average of six Leq (5min) data.)

- Prior to and after noise measurement, the meter was calibrated using the calibrator for 94.0 dB at 1000 Hz. If the difference in the calibration level before and after measurement is more than 1.0 dB, the measurement was considered invalid and repeat of noise measurement was required after re-calibration or repair of the equipment.
- The wind speed at the monitoring station was checked with the portable wind meter.
- Noise monitoring was carried out continuously for 24 hours during the 14 days baseline monitoring period. Monitoring data was recorded and stored automatically within the sound level meter system. At the end of the monitoring period, noise levels in term of  $L_{eq}$ ,  $L_{90}$  and  $L_{10}$  were recorded. In addition, site conditions and noise sources were recorded when the equipment were checked and inspected every two days.
- All the monitoring data within the sound level meter system was downloaded through the computer software, and all these data was checked and reviewed within the computer.

### *Maintenance and Calibration*

3.9 Maintenance and Calibration procedures were as follows:

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

## **Results and Observations**

### *Results*

- 3.10 Baseline noise monitoring was conducted at the designated station in the period between 12 February 2008 and 29 February 2008. The monitoring schedule is shown in **Appendix E**.
- 3.11 The baseline noise monitoring results are summarized in **Table 3.5 to 3.7**. All baseline noise monitoring results are given in **Appendices B2 to B5**. Graphical presentations of the data are provided in **Appendix B6**. Weather conditions recorded during the baseline monitoring period are shown in **Appendix D**.



**Table 3.5 Summary of Daytime Noise Monitoring Results (Normal Weekdays)**

Daytime 0700-1900 hrs on normal weekdays	Range of Noise Level, dB(A)								
	L <sub>eq</sub> (30 min)			L <sub>10</sub> (30 min)			L <sub>90</sub> (30 min)		
	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min
NC1	70.2	74.6	63.7	72.7	77.1	66.3	64.9	68.7	51.6
NC2	64.8	71.5	57.3	66.9	75.5	60.2	61.7	64.6	53.4

**Table 3.6 Summary of Evening-Time & Daytime (Holidays) Noise Monitoring Results**

Evening-time 1900-2300 hrs on all days & Daytime 0700-1900 hrs on holidays	Range of Noise Level, dB(A)								
	L <sub>eq</sub> (5 min)			L <sub>10</sub> (5 min)			L <sub>90</sub> (5 min)		
	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min
NC1	65.8	76.3	63.6	68.5	74.0	67.0	57.1	66.5	56.0
NC2	59.1	69.2	58.4	61.6	72.1	60.0	55.0	64.9	56.4

**Table 3.7 Summary of Night-Time Noise Monitoring Results**

Night-time 2300-0700 hrs of the next day	Range of Noise Level, dB(A)								
	L <sub>eq</sub> (5 min)			L <sub>10</sub> (5 min)			L <sub>90</sub> (5 min)		
	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min
NC1	60.7	69.3	47.8	63.5	72.5	47.5	53.4	59.0	41.5
NC2	53.9	60.3	46.7	56.4	64.1	47.7	50.2	57.3	45.6

**Observations**

- 3.12 The weather was generally sunny or cloudy during the baseline monitoring periods.. All monitoring was conducted with the wind speed below 5 m/s.
- 3.13 During the baseline noise monitoring period, the following observations were made which may affect the results:
  - Noise from the other construction site was identified as the major noise source at monitoring station NC1 and NC2. The other noise source identified at the monitoring stations NC1 was road traffic noise.

**Action and Limit Levels**

- 3.14 The Action and Limit Levels were established in accordance with the approved EM&A Manual. The baseline noise level shall be referenced during the compliance check in the impact noise monitoring period. **Table 3.8** presents the Action and Limit Levels for construction noise.

**Table 3.8 Action Limit Levels for Noise during Construction Period**

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

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

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

## 4 WATER QUALITY

### Monitoring Requirements

- 4.1 Baseline water quality monitoring was conducted three times per week for four consecutive weeks at the designated monitoring stations between 30 January 2008 and 27 February 2008. Monitoring took place two times per monitoring day during mid ebb and mid flood tides at three depths (1 meter from surface, mid depth and 1 meter from the bottom). Dissolved oxygen, Suspended solids (SS), turbidity, pH, salinity and temperature were monitored in accordance with the requirements set out in the approved EM&A Manual.

### Monitoring Locations

- 4.2 In accordance with the requirements set out in the approved EM&A Manual, six water quality monitoring locations (Stations CE, CF, I1, I2, Intake A and Intake B) were specified for baseline water quality monitoring. **Table 4.1** describes the locations of the monitoring stations. The locations are also shown on **Figure 1.3**.

**Table 4.1 Locations for Baseline Water Quality Monitoring Stations**

Monitoring Stations	Coordinates	
	Northing	Easting
<i>Control Stations</i>		
CE (Ebb)	814956	830026
CF (Flood)	812420	831778
<i>Impact Stations</i>		
I1	813654	831088
I2	813582	831105
Intake A	813044	831603
Intake B	814583	830606

### Monitoring Equipment

- 4.3 **Table 4.2** summarizes the equipment used in the baseline water quality monitoring program. All the monitoring equipment complied with the requirements set out in the approved EM&A Manual. Copies of the calibration certificates are attached in **Appendix C1**.

**Table 4.2 Water Quality Monitoring Equipment**

Equipment	Model and Make	Qty.
Water Sampler	Kahlsico Water-Bottle Model 135DW 150	1
Multi-parameter Water Quality System	YSI 6820	2
Monitoring Position Equipment	“Magellan” Handheld GPS Model GPS-320	1

**Monitoring Parameters, Frequency and Duration**

4.4 **Table 4.3** summarizes the monitoring parameters, monitoring period and frequencies of baseline water quality monitoring.

**Table 4.3 Parameters and Frequency for Baseline Water Quality Monitoring**

Station	Parameters	Frequency	No. of depth sampled	Depth	No. of samples events
CE	<ul style="list-style-type: none"> <li>• Temperature (°C)</li> <li>• pH (pH unit)</li> <li>• turbidity (NTU)</li> <li>• water depth (m)</li> <li>• salinity (mg/L)</li> <li>• dissolved oxygen (DO) (mg/L and % of saturation)</li> <li>• suspended solids (SS) (mg/L)</li> </ul>	3 times per week for 4 consecutive weeks	3	<ul style="list-style-type: none"> <li>• 3 water depths: 1m below water surface, mid-depth and 1m above sea bed.</li> <li>• If the water depth is less than 3m, mid-depth sampling only.</li> <li>• If the water depth is less than 6m, omit mid-depth sampling.</li> </ul>	2 per monitoring day (1 for mid-ebb and 1 for mid-flood)
CF			2		
I1			3		
I2			3		
Intake A			3		
Intake B			3		

**Monitoring Methodology and QA/QC Procedures**

**Instrumentation**

4.5 A multi-parameter meter (Model YSI 6820 CE-C-M-Y) was used to measure DO, turbidity, salinity, pH and temperature.

**Operating/Analytical Procedures**

4.6 At each measurement, two consecutive measurements of DO concentration, DO saturation, salinity, turbidity, pH and temperature were taken. The probes were retrieved out of the water after the first measurement and then re-deployed for the second measurement. Where the difference in the value between the first and second readings of each set was more than 25% of the value of the first reading, the reading was discarded and further readings were taken.

- 4.7 For SS measurement, water samples for SS were taken and analysed at each monitoring station at each sample depth. Water samples of about 500 ml were collected and stored in polyethylene bottles. The sample bottles were packed into an ice-box and delivered to a HOKLAS Laboratory, WELLAB Ltd., for the analysis of suspended solids contents within 24 hours.

#### *Maintenance and Calibration*

- 4.8 Before each round of monitoring, a zero check in distilled water was performed with the turbidity probe of YSI 6820. The probe was then calibrated with a solution of known NTU.
- 4.9 QA/QC procedures as attached in **Appendix C2** are available for the SS analyzed in the HOKLAS-accredited laboratory, WELLAB Ltd.

### **Results and Observations**

#### *Results*

- 4.10 Baseline water quality monitoring was conducted between 30 January 2008 and 27 February 2008. The monitoring results are shown in **Appendix C3**. Graphical presentation of water quality at the monitoring stations is given in **Appendix C4**. The results DO, SS and turbidity levels are summarized in **Tables 4.4 and 4.5**, which show the averages and ranges of readings recorded. Detailed weather conditions at the monitoring locations during the baseline monitoring period are shown in **Appendix D**. The detailed monitoring schedule is shown in **Appendix F**.

**Table 4.4 Baseline Water Quality Monitoring Results during Mid-Ebb**

Station		DO (mg/L)			SS (mg/L)			Turbidity (NTU)		
		Mean	Max.	Min.	Mean	Max.	Min.	Mean	Max.	Min.
CE	Surface	7.1	7.7	6.2	10.5	19.0	5.0	6.6	11.0	3.8
	Middle	6.9	7.7	6.1	11.7	19.0	5.5	6.7	11.5	4.4
	Bottom	6.9	7.7	6.0	14.6	23.0	4.5	6.8	11.2	4.2
CF	Surface	7.0	7.7	6.3	10.6	20.0	4.5	6.7	14.7	3.6
	Middle	-	-	-	-	-	-	-	-	-
	Bottom	6.9	7.6	6.2	11.5	18.0	4.5	6.9	14.3	4.8
I1	Surface	7.3	8.2	6.4	11.9	21.0	8.0	6.7	11.5	4.5
	Middle	7.1	7.7	6.2	11.4	18.0	5.5	6.8	11.4	4.3
	Bottom	7.0	7.7	6.1	11.1	20.0	5.5	6.9	11.2	4.3
I2	Surface	7.2	7.9	6.3	10.1	21.0	4.0	6.6	11.2	3.3
	Middle	7.1	7.8	6.2	12.5	20.0	3.0	6.7	10.9	4.4
	Bottom	7.0	7.7	6.0	11.3	18.0	5.0	6.7	11.3	4.6
Intake A	Surface	7.1	7.8	6.3	10.7	22.0	5.5	6.9	14.6	4.5
	Middle	7.0	7.7	6.2	7.6	14.0	3.5	7.1	17.7	4.5
	Bottom	6.9	7.6	6.1	11.8	22.5	4.5	7.0	16.1	4.1
Intake B	Surface	7.0	7.7	6.2	10.6	19.0	4.0	6.4	11.0	3.4
	Middle	6.9	7.7	6.1	11.0	19.0	7.0	6.2	11.1	3.4
	Bottom	6.8	7.7	6.1	11.0	19.0	3.5	6.8	10.3	3.6

**Table 4.5 Baseline Water Quality Monitoring Results during Mid-Flood**

Station		DO (mg/L)			SS (mg/L)			Turbidity (NTU)		
		Mean	Max.	Min.	Mean	Max.	Min.	Mean	Max.	Min.
CE	Surface	7.0	8.1	6.4	11.8	19.0	5.0	6.9	15.0	4.0
	Middle	6.9	8.0	6.2	11.3	26.0	5.0	6.7	13.5	4.7
	Bottom	6.8	7.9	6.3	13.9	23.0	5.0	7.4	12.8	5.3
CF	Surface	6.9	7.8	6.2	11.8	20.0	7.0	6.9	18.7	3.8
	Middle	-	-	-	-	-	-	-	-	-
	Bottom	6.8	7.6	6.1	12.5	20.0	5.5	7.1	17.8	3.9
I1	Surface	7.0	8.1	6.6	10.1	19.0	5.5	6.7	17.1	3.7
	Middle	6.8	8.0	6.3	12.7	19.0	5.0	6.7	14.6	4.2
	Bottom	6.7	7.9	5.8	11.5	19.0	5.0	6.9	13.7	4.3
I2	Surface	6.9	7.9	6.3	10.6	16.0	6.0	6.8	15.9	4.2
	Middle	6.8	7.8	6.2	9.5	17.0	5.0	7.1	15.5	4.5
	Bottom	6.7	7.7	5.6	11.7	23.5	6.0	7.5	14.2	4.4
Intake A	Surface	7.0	7.6	6.2	12.5	19.0	7.5	6.3	12.2	3.9
	Middle	6.9	7.6	6.2	12.0	20.0	6.0	6.8	13.7	4.6
	Bottom	6.7	7.6	6.0	8.7	14.0	5.5	7.1	14.6	5.2
Intake B	Surface	7.0	8.1	6.1	10.5	17.0	4.0	5.7	11.4	3.4
	Middle	6.8	8.1	6.0	12.1	19.0	4.0	6.0	9.9	3.6
	Bottom	6.7	8.1	6.4	11.5	20.0	4.0	6.4	10.2	4.8

### *Observations*

- 4.11 During the baseline monitoring period, no marine construction works in the area (vicinity of all monitoring stations) was noted. Thus, there was no observable pollution source identified in the vicinity of all monitoring stations during the baseline monitoring programme.
- 4.12 Measurements and water sampling were conducted at two water depths (surface & bottom) only at stations CF where the water depth less than 6m, the mid-depth station may be omitted and three water depths at the other stations according to the instructions as stated in the approved EM&A Manual that listed in **Table 4.3**.
- 4.13 Since no observable pollution activity was identified for all stations during sampling, the baseline monitoring results are considered representative of the ambient water quality levels.

### *Statistical Analysis*

- 4.14 Normal Distribution (95% confidence interval) analysis was conducted to find out the outlier in terms of DO (surface and middle), DO (bottom), Turbidity and SS from the baseline monitoring. The monitoring data considered to be outlier were excluded in the calculation of Action /Limit Level. They are summarized in **Table 4.6**.

**Table 4.6 Summary of the Results of Outliers**

<b>DO (surface and middle)</b>			
<b>Date</b>	<b>Tide</b>	<b>Location</b>	<b>Results(mg/L)</b>
4/2/2008	Mid-Flood	CE	8.1
27/2/2008	Mid-Flood	I1	8.1
27/2/2008	Mid-Flood	Intake B	8.1
<b>DO (Bottom)</b>			
<b>Date</b>	<b>Tide</b>	<b>Location</b>	<b>Results(mg/L)</b>
11/2/2008	Mid-Flood	I2	5.6
27/2/2008	Mid-Flood	Intake B	8.1
<b>Turbidity</b>			
<b>Date</b>	<b>Tide</b>	<b>Location</b>	<b>Results(NTU)</b>
1/2/2008	Mid-Ebb	CF	14.5
1/2/2008	Mid-Ebb	Intake A	16.1
1/2/2008	Mid-Flood	CE	13.8
1/2/2008	Mid-Flood	CF	18.3
1/2/2008	Mid-Flood	I1	15.1
1/2/2008	Mid-Flood	I2	15.2
1/2/2008	Mid-Flood	Intake A	13.5
<b>SS</b>			
<b>Date</b>	<b>Tide</b>	<b>Location</b>	<b>Results(mg/L)</b>
1/2/2008	Mid-Ebb	CF	18
11/2/2008	Mid-Ebb	CF	4.5
25/2/2008	Mid-Ebb	CF	18
6/2/2008	Mid-Flood	CF	20
15/2/2008	Mid-Flood	Intake B	4

4.15 One way Analysis of Variance (ANOVA) was applied to test the differences in the baseline monitoring data of Dissolved Oxygen, Turbidity and Suspended Solid between the 6 designated water quality monitoring locations. The analysis results, as presented in **Table 4.7**, show that no significant difference can be found among the 6 monitoring location.

**Table 4.7 Summary of the Results of ANOVA**

<b>Parameter</b>	<b>Stations involved</b>	<b>Sample Size</b>	<b>Degree of Freedom</b>	<b>P-value</b>	<b>F-value</b>
<b>DO (surface and middle)</b>	All	141	5	0.9404	0.2476
<b>DO (bottom)</b>	All	142	5	0.8978	0.3240
<b>SS</b>	All	137	5	0.9323	0.2634
<b>Turbidity</b>	All	139	5	0.5822	0.7573

**Action and Limit Levels**

4.16 The Action and Limit levels for DO, SS & Turbidity have been set in compliance with the requirements set out in the approved EM&A Manual, which are summarized in **Table 4.8**.

**Table 4.8 Action and Limit Levels for Water Quality Monitoring**

Parameter (unit)	Water Depth	Action Level	Limit Level
Dissolved Oxygen (mg/L) (surface, middle, bottom)	Surface and Middle	5%-ile of baseline data	4 mg/L or 1%-ile of baseline data
	Bottom	5%-ile of baseline data	2 mg/L or 1%-ile of baseline data
Turbidity (NTU)	Depth average	95%-ile of baseline data or 120% of upstream control station's turbidity at the same tide of the same day	99%-ile of baseline or 130% of turbidity at the upstream control station at the same tide of same day
SS (mg/L)	Depth average	95%-ile of baseline data or 120% of upstream control station's SS at the same tide of the same day	99%-ile of baseline or 130% of SS readings at the upstream control station at the same tide of same day and specific sensitive receiver water quality requirements

Note:

- For DO, non-compliance of the water quality limit occurs when monitoring result is lower than the limit.
- For SS & turbidity non-compliance of the water quality limits occur when monitoring result is higher than the limits.
- All the figures given in the table are used for reference only and the EPD may amend the figures whenever it is considered as necessary

4.17 Provided that ANOVA results did not show significant difference among the 6 monitoring location, the Action and Limit Levels for water quality impact monitoring were calculated based on the baseline monitoring data for all impact stations. The calculated Action and Limit levels are shown in **Table 4.9**.



**Table 4.9 Calculated Action and Limit Levels for Water Quality Monitoring**

Parameter		Action	Limit
DO, mg/L	Surface and Middle	6.3	6.2
	Bottom	6.0	5.8
SS, mg/L		15.7 or 120% of upstream control station's SS at the same tide of the same day	16.4 or 130% of SS readings at the upstream control station at the same tide of same day and specific sensitive receiver water quality requirements
Turbidity, NTU		10.2 or 120% of upstream control station's turbidity at the same tide of the same day	11.1 or 130% of turbidity at the upstream control station at the same tide of same day

## 5 REVISIONS FOR INCLUSION IN THE EM&A MANUAL

- 5.1 The baseline environmental monitoring was conducted according to the approved EM&A Manual for air quality, noise and water quality.
- 5.2 The monitoring methodology, parameters monitored, and monitoring locations are all in line with the approved EM&A Manual.

## 6 COMMENTS AND CONCLUSIONS

- 6.1 The baseline environmental monitoring for the Eastern and Western Portals (water quality) was conducted between 12 and 29 February 2008. The baseline air quality and noise monitoring were carried out at outside Aegean Terrace (AQ2a and NC3a) for Western Portals between 10 and 23 March 2008. Details of the results will be presented in the separate report. The monitoring results were used to establish the ambient air quality, noise and water quality levels at the sensitive receiver prior to the construction of the Project.
- 6.2 The baseline air quality, noise and water quality monitoring were carried out in accordance with the approved EM&A Manual, in respect of the methodology, equipment, location and monitoring parameters.
- 6.3 The baseline air quality (1-hour and 24-hour TSP levels) monitoring was conducted at one designated locations (AQ1). During the monitoring, no observable dust sources were identified for Stations AQ1 but some influencing factors (road traffic dust from Tai Hang Road and dust generated from the construction activities) may be affect the baseline dust monitoring results in the vicinity of the monitoring stations. The baseline air quality monitoring results are considered representative to the ambient air quality conditions of the respective sensitive receivers. The Action and Limit Levels for the air

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quality were established based on the baseline monitoring results.

- 6.4 Baseline noise monitoring was conducted at two designated monitoring stations (NC1 & NC2). The major noise source identified at all monitoring stations, NC1 and NC2 were from the other construction site and traffic noise along Tai Hang Road. The baseline monitoring results are considered representative to the ambient noise level.
- 6.5 Baseline water quality monitoring was conducted at six monitoring stations (CE, CF, I1, I2, Intake A and Intake B) between 30 January 2008 and 27 February 2008. No observable pollution source was observed at the monitoring stations. Since no observable pollution activity was identified for all stations during sampling, the baseline monitoring results are considered representative of the ambient water quality levels.

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## FIGURES

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



Title	Contract No. DC/2007/10		Scale	N.T.S	Propos. No.	MA8001	CINOTECH
	Design and Construction of Hong Kong West Drainage Tunnel (Eastern Portal)			Date		Feb-08	
Locations of Air Quality and Noise Monitoring Stations							



CE

Intake B

I1

I2

Intake A

CF

Point No.	Co-ordinates	
	Easting	Northing
CE	830026	814956
I1	831088	813654
I2	831105	813582
CF	831778	812420
Intake A	831603	813044
Intake B	830606	814583

Title  
Contract No. DC/2007/10  
Design and Construction of Hong Kong West Drainage Tunnel  
Locations of Water Quality Monitoring Stations

Scale  
N.T.S  
Date  
Jan-08

Propos  
No. MA8001  
Figure  
1.3

CINOTECH



Title	Contract No. DC/2007/10		Scale	N.T.S	Propos. No.	MA8001	<b>CINOTECH</b>
	Design and Construction of Hong Kong West Drainage Tunnel (Western Portal)			Date		Mar-08	
Locations of Air Quality and Noise Monitoring Station							

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**APPENDIX A1  
CALIBRATION CERTIFICATE FOR AIR  
QUALITY MONITORING EQUIPMENT**

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**APPENDIX A2  
1-HOUR TSP BASELINE MONITORING  
RESULTS**

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## Appendix A2 - 1-hour TSP Baseline Monitoring Results

### Station AQ1 (Canopy)

Date	Sampling Time	Weather Condition	Air Temp. (K)	Atmospheric Pressure (Pa)	Filter Weight (g)		Particulate weight (g)	Elapse Time		Sampling Time(hrs.)	Flow Rate (m <sup>3</sup> /min.)		Av. flow (m <sup>3</sup> /min)	Total vol. (m <sup>3</sup> )	Conc. (µg/m <sup>3</sup> )
					Initial	Final		Initial	Final		Initial	Final			
16-Feb-08	8:00	Cloudy	284.9	772.7	2.7989	2.8170	0.0181	5419.7	5420.7	1.0	1.23	1.23	1.23	73.6	246.0
	9:45	Cloudy	285.2	772.0	2.7874	2.7984	0.0110	5420.7	5421.7	1.0	1.23	1.23	1.23	73.5	149.6
	10:50	Cloudy	285.4	771.8	2.7868	2.8016	0.0148	5421.7	5422.7	1.0	1.22	1.22	1.22	73.5	201.4
17-Feb-08	8:00	Cloudy	286.1	772.3	2.8014	2.8156	0.0142	5422.7	5423.7	1.0	1.22	1.22	1.22	73.4	193.4
	9:55	Cloudy	286.1	772.3	2.7850	2.7957	0.0107	5423.7	5424.7	1.0	1.22	1.22	1.22	73.4	145.8
	11:05	Cloudy	286.5	771.9	2.8274	2.8299	0.0025	5424.7	5425.7	1.0	1.22	1.22	1.22	73.3	34.1
18-Feb-08	8:00	Sunny	287.9	772.9	2.8389	2.8575	0.0186	5425.7	5426.7	1.0	1.22	1.22	1.22	73.2	254.1
	10:00	Sunny	287.9	772.9	2.8002	2.8122	0.0120	5426.7	5427.7	1.0	1.22	1.22	1.22	73.2	163.9
	11:05	Sunny	288.1	772.7	2.8309	2.8419	0.0110	5427.7	5428.7	1.0	1.22	1.22	1.22	73.2	150.3
19-Feb-08	8:00	Cloduy	285.8	773.3	2.8238	2.8376	0.0138	5428.7	5429.7	1.0	1.23	1.22	1.23	73.5	187.8
	10:05	Cloudy	286.2	773.0	2.8113	2.8435	0.0322	5429.7	5430.7	1.0	1.22	1.22	1.22	73.4	438.5
	11:15	Cloudy	286.3	772.9	2.7592	2.7716	0.0124	5430.7	5431.7	1.0	1.22	1.22	1.22	73.4	168.9
20-Feb-08	8:00	Sunny	287.6	772.1	2.7663	2.7831	0.0168	5431.7	5432.7	1.0	1.22	1.22	1.22	71.0	236.6
	9:55	Sunny	287.8	771.9	2.7792	2.7919	0.0127	5432.7	5433.7	1.0	1.22	1.22	1.22	73.2	173.5
	11:05	Sunny	288.0	771.8	2.8698	2.8791	0.0093	5433.7	5434.7	1.0	1.22	1.22	1.22	72.4	128.4
21-Feb-08	8:00	Sunny	288.1	770.3	2.8221	2.8336	0.0115	5434.7	5435.7	1.0	1.22	1.22	1.22	73.1	157.4
	9:50	Sunny	288.3	770.1	2.9192	2.9279	0.0087	5435.7	5436.7	1.0	1.22	1.22	1.22	73.0	119.1
	11:10	Sunny	288.8	769.7	2.8418	2.8485	0.0067	5436.7	5437.7	1.0	1.22	1.22	1.22	73.0	91.8
22-Feb-08	10:00	Cloudy	288.4	767.7	2.8728	2.8877	0.0149	5437.7	5438.7	1.0	1.22	1.21	1.22	72.9	204.4
	11:05	Cloudy	288.6	767.5	2.8392	2.8474	0.0082	5438.7	5439.7	1.0	1.21	1.21	1.21	72.9	112.5
	12:10	Cloudy	288.8	767.3	2.8227	2.8312	0.0085	5439.7	5440.7	1.0	1.21	1.21	1.21	72.8	116.7
23-Feb-08	9:50	Cloudy	290.2	767.1	2.8236	2.8354	0.0118	5440.7	5441.7	1.0	1.21	1.21	1.21	72.7	162.4
	10:50	Cloudy	290.4	766.9	2.8259	2.8297	0.0038	5441.7	5442.7	1.0	1.21	1.21	1.21	72.6	52.3
	11:50	Cloudy	290.6	766.8	2.8547	2.8571	0.0024	5442.7	5443.7	1.0	1.21	1.21	1.21	72.6	33.1
24-Feb-08	8:00	Cloudy	287.6	788.9	2.8560	2.8683	0.0123	5443.7	5444.7	1.0	1.23	1.23	1.23	74.0	166.2
	9:20	Cloudy	288.2	788.8	2.8449	2.8509	0.0060	5444.7	5445.7	1.0	1.23	1.23	1.23	73.9	81.2
	11:00	Cloudy	283.6	788.5	2.8258	2.8327	0.0069	5445.6	5446.7	1.1	1.24	1.24	1.24	74.5	92.6
25-Feb-08	8:00	Cloudy	288.1	768.9	2.8618	2.8684	0.0066	5446.7	5447.7	1.0	1.22	1.22	1.22	73.0	90.4
	10:00	Cloudy	288.3	768.9	2.9025	2.9048	0.0023	5447.7	5448.7	1.0	1.22	1.22	1.22	73.0	31.5
	11:10	Cloudy	288.5	768.7	2.8074	2.8120	0.0046	5448.7	5449.7	1.0	1.22	1.22	1.22	72.9	63.1
26-Feb-08	8:00	Cloudy	289.9	768.1	2.8259	2.8360	0.0101	5449.7	5450.7	1.0	1.21	1.21	1.21	72.7	138.9
	10:00	Cloudy	290.5	768.6	2.8309	2.8383	0.0074	5450.7	5451.7	1.0	1.21	1.21	1.21	72.7	101.8
	11:20	Cloudy	290.6	768.4	2.8330	2.8460	0.0130	5451.7	5452.7	1.0	1.21	1.21	1.21	75.6	172.0
27-Feb-08	8:00	Sunny	285.5	773.2	2.8127	2.8179	0.0052	5452.7	5453.7	1.0	1.23	1.23	1.23	73.5	70.7
	11:20	Sunny	286.3	772.5	2.8231	2.8293	0.0062	5453.7	5454.7	1.0	1.22	1.22	1.22	73.4	84.5
	12:20	Sunny	286.6	772.3	2.8028	2.8088	0.0060	5454.7	5455.7	1.0	1.22	1.22	1.22	73.4	81.8
28-Feb-08	8:00	Sunny	286.1	771.2	2.8017	2.8122	0.0105	5455.7	5456.7	1.0	1.22	1.22	1.22	73.4	143.1
	10:50	Sunny	286.5	770.9	2.8270	2.8376	0.0106	5456.7	5457.7	1.0	1.22	1.22	1.22	73.3	144.6
	12:00	Sunny	286.7	770.7	2.8024	2.8132	0.0108	5457.7	5458.7	1.0	1.22	1.22	1.22	72.5	148.9
29-Feb-08	8:00	Cloudy	287.1	767.2	2.8241	2.8390	0.0149	5458.7	5459.7	1.0	1.22	1.22	1.22	72.3	206.1
	10:40	Cloudy	287.5	766.9	2.8780	2.8953	0.0173	5459.7	5460.7	1.0	1.22	1.22	1.22	73.0	237.1
	11:45	Cloudy	287.7	766.7	2.8586	2.8692	0.0106	5460.7	5461.7	1.0	1.22	1.22	1.22	72.9	145.3
														Min	31.5
														Max	438.5
														Average	145.8

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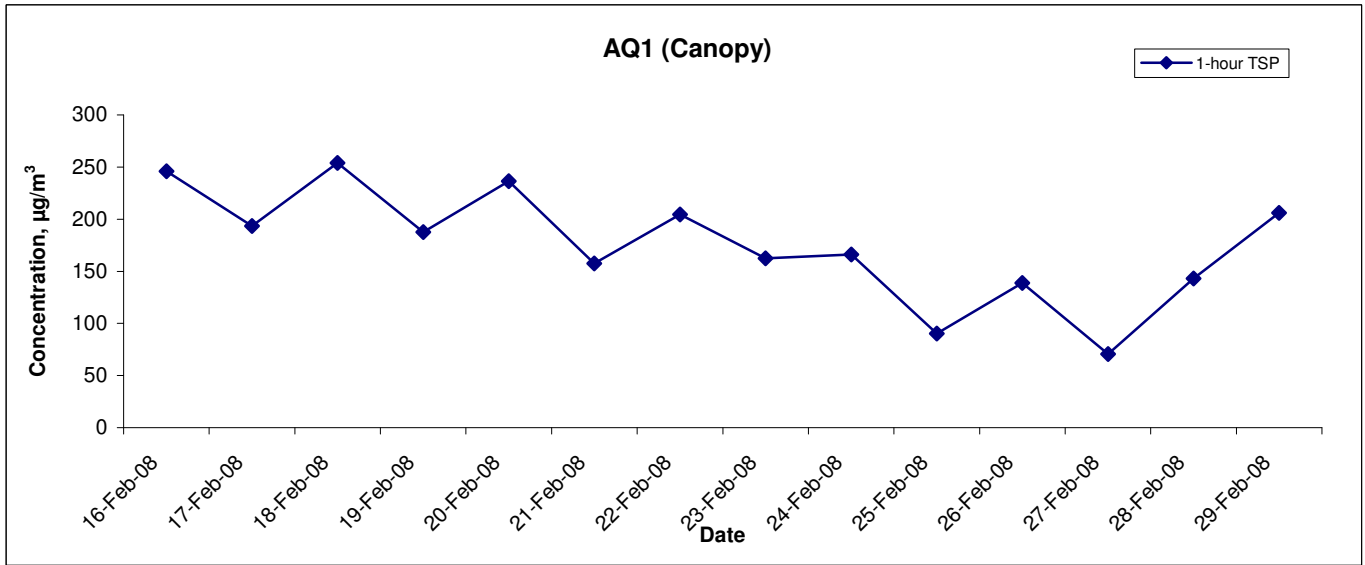
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**APPENDIX A3  
GRAPHICAL PRESENTATION OF  
BASELINE 1-HOUR TSP LEVELS**

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### 1-hr TSP Concentration Levels



<b>Title</b> Design and Construction of Hong Kong West Drainage Tunnel Graphical Presentation of 1-hour TSP Baseline Monitoring Results	<b>Scale</b> N.T.S	<b>Project No.</b> MA8001	<b>CINOTECH</b>
	<b>Date</b> Feb 08	<b>Appendix</b> A3	

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**APPENDIX A4  
24-HOUR TSP BASELINE MONITORING  
RESULTS**

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## Appendix A4 - 24-hour TSP Baseline Monitoring Results

### Station AQ1 (Canopy)

Start Date	Weather Condition	Air Temp. (K)	Atmospheric Pressure (Pa)	Filter Weight (g)		Particulate weight (g)	Elapse Time		Sampling Time(hrs.)	Flow Rate (m <sup>3</sup> /min.)		Av. flow (m <sup>3</sup> /min)	Total vol. (m <sup>3</sup> )	Conc. (µg/m <sup>3</sup> )
				Initial	Final		Initial	Final		Initial	Final			
16-Feb-08	Cloudy	284.9	772.7	2.7825	2.9772	0.1947	893.0	917.0	24.0	1.24	1.24	1.24	1781.1	109.3
17-Feb-08	Cloudy	286.3	772.1	2.8092	2.9545	0.1453	917.0	941.0	24.0	1.23	1.23	1.23	1775.4	81.8
18-Feb-08	Cloudy	287.9	772.9	2.8224	3.0319	0.2095	941.0	965.0	24.0	1.23	1.23	1.23	1770.9	118.3
19-Feb-08	Sunny	286.2	773.0	2.7179	2.9048	0.1869	965.0	989.0	24.0	1.23	1.23	1.23	1777.0	105.2
20-Feb-08	Sunny	288.0	771.8	2.8821	3.0382	0.1561	989.0	1013.0	24.0	1.23	1.23	1.23	1769.4	88.2
21-Feb-08	Cloudy	288.5	770.0	2.9086	3.0876	0.1790	1013.0	1037.0	24.0	1.23	1.23	1.23	1765.3	101.4
22-Feb-08	Cloudy	288.4	767.7	2.8787	2.9825	0.1038	1037.0	1061.0	24.0	1.22	1.22	1.22	1763.0	58.9
23-Feb-08	Rainy	290.4	766.9	2.8338	3.0394	0.2056	1061.0	1085.0	24.0	1.22	1.22	1.22	1755.1	117.1
24-Feb-08	Cloudy	288.4	788.7	2.8282	2.9804	0.1522	1085.0	1109.0	24.0	1.24	1.24	1.24	1788.9	85.1
25-Feb-08	Cloudy	288.3	768.7	2.8473	2.9546	0.1073	1109.0	1133.0	24.0	1.23	1.23	1.23	1764.4	60.8
26-Feb-08	Sunny	290.5	767.5	2.8550	3.0644	0.2094	1133.0	1157.0	24.0	1.22	1.22	1.22	1755.6	119.3
27-Feb-08	Sunny	286.3	772.5	2.8004	2.9897	0.1893	1157.0	1181.0	24.0	1.23	1.23	1.23	1775.9	106.6
28-Feb-08	Cloudy	286.7	770.7	2.8147	3.1215	0.3068	1181.0	1205.0	24.0	1.23	1.32	1.28	1772.4	173.1
29-Feb-08	Sunny	287.7	776.7	2.8736	3.2350	0.3614	1205.0	1229.0	24.0	1.23	1.23	1.23	1776.4	203.4
													Min	58.9
													Max	203.4
													Average	109.2



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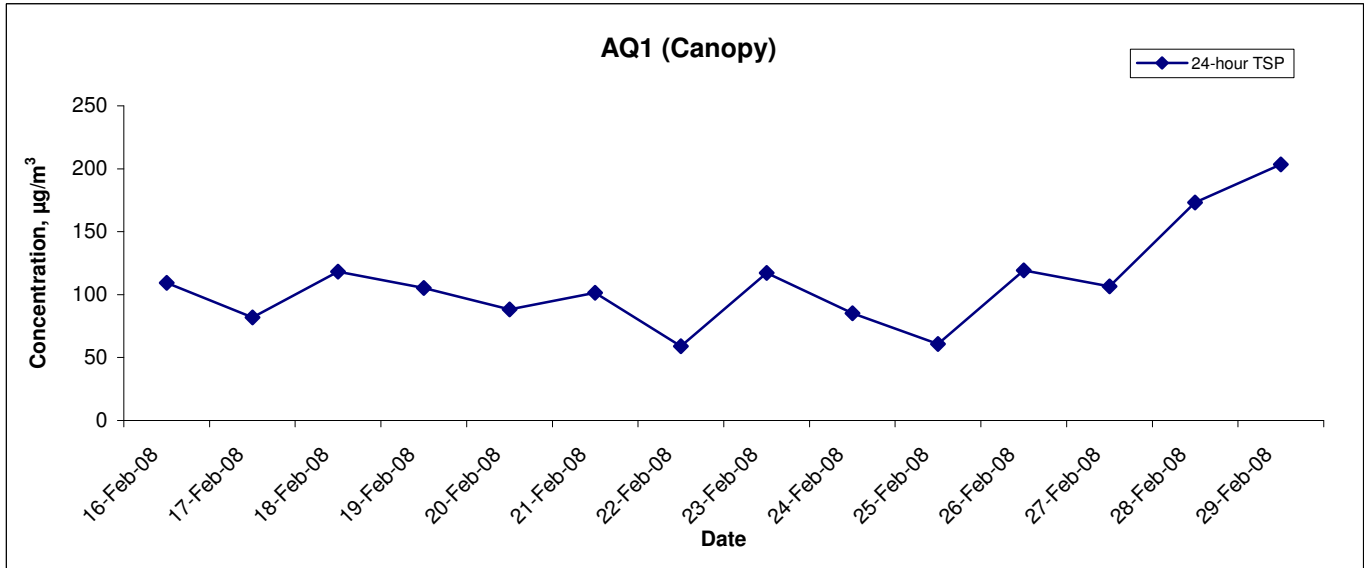
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**APPENDIX A5  
GRAPHICAL PRESENTATION OF  
BASELINE 24-HOUR TSP LEVELS**

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### 24-hr TSP Concentration Levels



<b>Title</b> Design and Construction of Hong Kong West Drainage Tunnel Graphical Presentation of 24-hour TSP Baseline Monitoring Results	<b>Scale</b> N.T.S	<b>Project No.</b> MA8001	<b>CINOTECH</b>
	<b>Date</b> Feb 08	<b>Appendix</b> A5	

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**APPENDIX B1  
COPIES OF CALIBRATION  
CERTIFICATES FOR NOISE  
MONITORING EQUIPMENT**

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## TEST REPORT

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

Test Report No.:	C/N/71213/1
Date of Issue:	2007-12-14
Date Received:	2007-12-13
Date Tested:	2007-12-14
Date Completed:	2007-12-14
Next Due Date:	2008-12-13

**ATTN:** Mr. Henry Leung

Page: 1 of 1

### Certificate of Calibration

**Item for calibration:**

Description	: Integrating Sound Level Meter
Manufacturer	: Brüel & Kjær
Model No.	: B&K 2238
Serial No.	: 2337665
Microphone No.	: 2289749
Equipment No.	: N-01-01

**Test conditions:**

Room Temperature	: 20 degree Celsius
Relative Humidity	: 60%

**Test Specifications:**

Performance checking at 94 and 114 dB

**Methodology:**

In-house method, according to manufacturer instruction manual

**Results:**

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

*PREPARED AND CHECKED BY:*

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



**PATRICK TSE**  
Senior Chemist

## TEST REPORT

**APPLICANT:** Cinotech Consultants Limited  
1601-1610 Delta House,  
3 On Yiu Street,  
Shatin, N.T.

Test Report No.:	C/N/70903-1
Date of Issue:	2007-09-03
Date Received:	2007-09-01
Date Tested:	2007-09-03
Date Completed:	2007-09-03
Next Due Date:	2008-09-02

**ATTN:** Mr. Henry Leung

Page: 1 of 1

### Certificate of Calibration

**Item for calibration:**

Description	: Integrating Sound Level Meter
Manufacturer	: Brüel & Kjær
Model No.	: B&K 2238
Serial No.	: 2359311
Microphone No.	: 2346382
Equipment No.	: N-01-03

**Test conditions:**

Room Temperature	: 22 degree Celsius
Relative Humidity	: 62%

**Test Specifications:**

Performance checking at 94 and 114 dB

**Methodology:**

In-house method, according to manufacturer instruction manual

**Results:**

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

*PREPARED AND CHECKED BY:*

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



**PATRICK TSE**  
Senior Chemist

## TEST REPORT

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

Test Report No.:	C/N/71116/2
Date of Issue:	2007-11-16
Date Received:	2007-11-15
Date Tested:	2007-11-15
Date Completed:	2007-11-16
Next Due Date:	2008-11-15

**ATTN:** Mr. Henry Leung

Page: 1 of 1

### Item for calibration:

Description	: Acoustical Calibrator
Manufacturer	: Brüel & Kjær
Model No.	: 4231
Serial No.	: 2326353
Project No.	: C13
Equipment No.	: N-02-01

### Test conditions:

Room Temperature	: 20 degree Celsius
Relative Humidity	: 59%
Pressure	: 1015.2 hPa

### Methodology:

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

### Results:

Sound Pressure Level	Measured SPL	Tolerance
At 94 dB SPL	94.0	94.0 ± 0.1 dB

*PREPARED AND CHECKED BY:*

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



**PATRICK TSE**

Senior Chemist

## TEST REPORT

**APPLICANT:** Cinotech Consultants Limited  
1602-1610 Delta House,  
3 On Yiu Street,  
Shatin, N.T.

Test Report No.:	C/N/70903-3
Date of Issue:	2007-09-03
Date Received:	2007-09-01
Date Tested:	2007-09-03
Date Completed:	2007-09-03
Next Due Date:	2008-09-02

**ATTN:** Mr. Henry Leung

Page: 1 of 1

### Item for calibration:

Description	: Acoustical Calibrator
Manufacturer	: Brüel & Kjær
Model No.	: 4231
Serial No.	: 2412367
Equipment No.	: N-02-03

### Test conditions:

Room Temperature	: 22 degree Celsius
Relative Humidity	: 62%

### Methodology:

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

### Results:

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

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

  
**PATRICK TSE**  
Senior Chemist

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**APPENDIX B2  
DAY-TIME 07:00-19:00 BASELINE NOISE  
MONITORING DATA**

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**Day-time Noise Level at NC1, 2/F outside the window facing to construction site\***

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
16-Feb-08	7:00:00	63.7	66.3	51.6
16-Feb-08	7:30:00	64.3	66.8	57.0
16-Feb-08	8:00:00	67.6	70.9	59.5
16-Feb-08	8:30:00	68.4	71.3	61.7
16-Feb-08	9:00:00	69.8	72.4	62.9
16-Feb-08	9:30:00	69.4	71.8	64.3
16-Feb-08	10:00:00	70.7	73.9	65.0
16-Feb-08	10:30:00	69.6	72.2	64.5
16-Feb-08	11:00:00	71.3	73.1	64.5
16-Feb-08	11:30:00	69.3	71.8	64.3
16-Feb-08	12:00:00	67.9	70.6	62.2
16-Feb-08	12:30:00	68.3	70.9	62.8
16-Feb-08	13:00:00	70.2	72.8	65.6
16-Feb-08	13:30:00	70.9	73.4	65.7
16-Feb-08	14:00:00	70.1	72.6	64.9
16-Feb-08	14:30:00	68.7	71.1	64.0
16-Feb-08	15:00:00	68.9	71.7	63.7
16-Feb-08	15:30:00	70.0	72.6	64.1
16-Feb-08	16:00:00	69.0	71.4	63.7
16-Feb-08	16:30:00	68.2	70.2	64.2
16-Feb-08	17:00:00	69.8	71.6	66.1
16-Feb-08	17:30:00	68.9	71.1	64.7
16-Feb-08	18:00:00	68.1	70.4	63.5
16-Feb-08	18:30:00	67.2	70.2	58.9

Mean        69.1     71.6     63.7  
Maximum    71.3     73.9     66.1  
Minimum    63.7     66.3     51.6

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
18-Feb-08	7:00:00	67.2	70.2	57.1
18-Feb-08	7:30:00	68.7	71.0	62.8
18-Feb-08	8:00:00	70.6	73.3	64.2
18-Feb-08	8:30:00	70.6	73.3	65.6
18-Feb-08	9:00:00	70.9	73.4	65.3
18-Feb-08	9:30:00	70.7	73.6	64.6
18-Feb-08	10:00:00	70.4	73.1	65.4
18-Feb-08	10:30:00	70.2	72.7	65.7
18-Feb-08	11:00:00	70.5	73.0	66.0
18-Feb-08	11:30:00	69.0	71.5	64.3
18-Feb-08	12:00:00	67.4	70.1	61.3
18-Feb-08	12:30:00	69.3	72.1	64.3
18-Feb-08	13:00:00	70.3	72.7	65.9
18-Feb-08	13:30:00	69.0	71.9	63.7
18-Feb-08	14:00:00	69.4	72.2	64.3
18-Feb-08	14:30:00	69.5	72.6	62.5
18-Feb-08	15:00:00	69.7	72.4	64.4
18-Feb-08	15:30:00	70.6	73.2	66.2
18-Feb-08	16:00:00	70.4	73.5	64.5
18-Feb-08	16:30:00	69.7	72.9	63.9
18-Feb-08	17:00:00	68.5	70.9	63.0
18-Feb-08	17:30:00	68.2	70.8	62.9
18-Feb-08	18:00:00	68.1	69.9	61.0
18-Feb-08	18:30:00	67.9	69.9	62.3

Mean        69.6     72.3     64.2  
Maximum    70.9     73.6     66.2  
Minimum    67.2     69.9     57.1

**Day-time Noise Level at NC1, 2/F outside the window facing to construction site\***

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
19-Feb-08	7:00:00	66.9	70.0	57.2
19-Feb-08	7:30:00	68.4	71.0	61.7
19-Feb-08	8:00:00	69.2	72.2	62.8
19-Feb-08	8:30:00	70.0	73.1	64.0
19-Feb-08	9:00:00	70.5	73.6	64.6
19-Feb-08	9:30:00	70.3	73.4	64.7
19-Feb-08	10:00:00	69.5	72.1	63.3
19-Feb-08	10:30:00	71.5	74.2	64.9
19-Feb-08	11:00:00	72.3	74.9	66.6
19-Feb-08	11:30:00	69.9	72.7	64.9
19-Feb-08	12:00:00	68.7	71.4	63.0
19-Feb-08	12:30:00	69.4	72.2	63.5
19-Feb-08	13:00:00	71.9	75.3	65.8
19-Feb-08	13:30:00	73.4	76.4	64.8
19-Feb-08	14:00:00	74.6	76.8	63.7
19-Feb-08	14:30:00	71.8	75.8	63.9
19-Feb-08	15:00:00	70.7	73.4	64.7
19-Feb-08	15:30:00	71.0	73.1	66.6
19-Feb-08	16:00:00	72.2	74.6	68.7
19-Feb-08	16:30:00	72.0	74.0	68.3
19-Feb-08	17:00:00	71.2	72.8	67.9
19-Feb-08	17:30:00	69.4	71.4	65.2
19-Feb-08	18:00:00	68.7	70.6	64.5
19-Feb-08	18:30:00	67.7	69.5	62.0

Mean        70.8    73.5    65.0  
Maximum    74.6    76.8    68.7  
Minimum    66.9    69.5    57.2

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
20-Feb-08	7:00:00	67.2	70.7	58.0
20-Feb-08	7:30:00	68.7	71.5	61.6
20-Feb-08	8:00:00	70.5	73.5	64.2
20-Feb-08	8:30:00	70.7	73.5	64.6
20-Feb-08	9:00:00	71.4	74.3	65.6
20-Feb-08	9:30:00	70.1	73.0	64.5
20-Feb-08	10:00:00	69.6	72.5	63.6
20-Feb-08	10:30:00	68.8	71.7	63.3
20-Feb-08	11:00:00	70.3	73.1	65.2
20-Feb-08	11:30:00	69.9	72.9	63.2
20-Feb-08	12:00:00	69.1	72.1	61.8
20-Feb-08	12:30:00	69.3	72.2	62.6
20-Feb-08	13:00:00	71.2	74.6	64.8
20-Feb-08	13:30:00	69.5	72.2	62.7
20-Feb-08	14:00:00	72.9	77.1	62.3
20-Feb-08	14:30:00	69.2	72.0	63.4
20-Feb-08	15:00:00	73.5	76.2	66.3
20-Feb-08	15:30:00	70.8	73.4	66.5
20-Feb-08	16:00:00	70.8	73.0	67.0
20-Feb-08	16:30:00	69.6	71.8	64.6
20-Feb-08	17:00:00	70.6	72.6	66.4
20-Feb-08	17:30:00	70.2	72.2	65.3
20-Feb-08	18:00:00	66.8	69.5	60.0
20-Feb-08	18:30:00	68.1	69.9	60.5

Mean        70.2    73.1    64.2  
Maximum    73.5    77.1    67.0  
Minimum    66.8    69.5    58.0

**Day-time Noise Level at NC1, 2/F outside the window facing to construction site\***

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
21-Feb-08	7:00:00	67.5	70.9	57.1
21-Feb-08	7:30:00	69.6	72.3	61.9
21-Feb-08	8:00:00	70.6	73.9	64.0
21-Feb-08	8:30:00	70.9	73.3	64.9
21-Feb-08	9:00:00	71.2	74.1	65.3
21-Feb-08	9:30:00	70.3	73.5	63.4
21-Feb-08	10:00:00	70.1	73.5	63.4
21-Feb-08	10:30:00	70.4	73.2	63.8
21-Feb-08	11:00:00	71.3	74.2	65.9
21-Feb-08	11:30:00	69.9	72.2	63.2
21-Feb-08	12:00:00	68.5	71.7	60.8
21-Feb-08	12:30:00	69.2	72.1	62.9
21-Feb-08	13:00:00	71.6	74.5	67.2
21-Feb-08	13:30:00	71.1	73.9	64.9
21-Feb-08	14:00:00	70.4	73.1	65.0
21-Feb-08	14:30:00	69.9	72.7	63.8
21-Feb-08	15:00:00	71.6	74.2	66.6
21-Feb-08	15:30:00	71.5	73.6	67.6
21-Feb-08	16:00:00	73.6	75.5	68.4
21-Feb-08	16:30:00	71.6	73.1	67.1
21-Feb-08	17:00:00	71.7	72.3	66.9
21-Feb-08	17:30:00	69.9	71.8	65.0
21-Feb-08	18:00:00	67.7	69.9	62.3
21-Feb-08	18:30:00	67.4	69.7	59.0

Mean        70.6    73.1    64.9  
 Maximum    73.6    75.5    68.4  
 Minimum    67.4    69.7    57.1

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
22-Feb-08	7:00:00	66.8	69.9	57.7
22-Feb-08	7:30:00	68.9	71.8	62.0
22-Feb-08	8:00:00	69.6	72.6	63.5
22-Feb-08	8:30:00	70.2	73.1	64.4
22-Feb-08	9:00:00	70.2	72.6	64.3
22-Feb-08	9:30:00	71.7	73.9	67.4
22-Feb-08	10:00:00	71.8	73.6	68.2
22-Feb-08	10:30:00	71.1	73.3	67.0
22-Feb-08	11:00:00	71.4	74.3	66.3
22-Feb-08	11:30:00	70.2	73.2	65.3
22-Feb-08	12:00:00	70.2	73.2	65.1
22-Feb-08	12:30:00	70.9	73.2	65.7
22-Feb-08	13:00:00	71.8	74.2	67.6
22-Feb-08	13:30:00	72.0	74.4	67.8
22-Feb-08	14:00:00	70.5	72.7	66.0
22-Feb-08	14:30:00	70.4	73.0	65.1
22-Feb-08	15:00:00	70.2	73.0	65.4
22-Feb-08	15:30:00	71.5	73.7	66.9
22-Feb-08	16:00:00	71.5	73.7	66.6
22-Feb-08	16:30:00	70.8	73.4	65.0
22-Feb-08	17:00:00	70.6	72.9	66.3
22-Feb-08	17:30:00	68.5	70.9	62.9
22-Feb-08	18:00:00	68.3	70.3	63.0
22-Feb-08	18:30:00	69.7	71.6	64.9

Mean        70.5    73.0    65.6  
 Maximum    72.0    74.4    68.2  
 Minimum    66.8    69.9    57.7

**Day-time Noise Level at NC1, 2/F outside the window facing to construction site\***

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
23-Feb-08	7:00:00	65.1	67.7	56.6
23-Feb-08	7:30:00	67.5	70.2	59.8
23-Feb-08	8:00:00	69.1	71.8	62.1
23-Feb-08	8:30:00	71.4	73.7	65.7
23-Feb-08	9:00:00	72.2	73.7	67.5
23-Feb-08	9:30:00	71.9	74.0	66.6
23-Feb-08	10:00:00	71.1	73.6	64.8
23-Feb-08	10:30:00	72.0	74.2	65.3
23-Feb-08	11:00:00	70.4	72.2	64.8
23-Feb-08	11:30:00	70.5	72.4	65.7
23-Feb-08	12:00:00	69.7	72.4	64.2
23-Feb-08	12:30:00	69.2	71.4	63.8
23-Feb-08	13:00:00	70.2	72.4	65.6
23-Feb-08	13:30:00	69.6	72.3	65.0
23-Feb-08	14:00:00	70.7	73.3	65.6
23-Feb-08	14:30:00	71.1	73.1	66.1
23-Feb-08	15:00:00	70.0	72.6	65.6
23-Feb-08	15:30:00	69.4	71.6	64.6
23-Feb-08	16:00:00	69.8	71.9	63.9
23-Feb-08	16:30:00	70.6	72.7	66.6
23-Feb-08	17:00:00	69.5	71.6	65.8
23-Feb-08	17:30:00	71.2	73.3	64.4
23-Feb-08	18:00:00	68.2	70.1	63.2
23-Feb-08	18:30:00	70.4	72.6	65.1

Mean        70.3    72.5    65.0  
Maximum    72.2    74.2    67.5  
Minimum    65.1    67.7    56.6

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
25-Feb-08	7:00:00	67.0	69.9	58.1
25-Feb-08	7:30:00	68.5	71.4	61.4
25-Feb-08	8:00:00	70.0	72.9	63.3
25-Feb-08	8:30:00	70.6	73.4	64.6
25-Feb-08	9:00:00	70.3	72.9	65.1
25-Feb-08	9:30:00	70.5	73.4	65.3
25-Feb-08	10:00:00	70.1	72.6	65.0
25-Feb-08	10:30:00	70.0	72.8	65.2
25-Feb-08	11:00:00	70.9	73.1	67.3
25-Feb-08	11:30:00	69.7	72.1	65.6
25-Feb-08	12:00:00	69.4	72.0	63.9
25-Feb-08	12:30:00	68.9	71.7	63.5
25-Feb-08	13:00:00	70.7	73.3	66.0
25-Feb-08	13:30:00	70.8	73.6	66.1
25-Feb-08	14:00:00	69.0	71.9	63.7
25-Feb-08	14:30:00	70.2	72.7	65.5
25-Feb-08	15:00:00	72.0	73.7	66.4
25-Feb-08	15:30:00	70.6	72.9	65.2
25-Feb-08	16:00:00	71.0	72.5	65.6
25-Feb-08	16:30:00	69.1	71.6	64.5
25-Feb-08	17:00:00	69.2	71.7	64.6
25-Feb-08	17:30:00	68.5	70.7	64.0
25-Feb-08	18:00:00	68.8	70.8	64.8
25-Feb-08	18:30:00	68.6	70.9	63.7

Mean        69.9    72.4    64.8  
Maximum    72.0    73.7    67.3  
Minimum    67.0    69.9    58.1

**Day-time Noise Level at NC1, 2/F outside the window facing to construction site\***

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
26-Feb-08	7:00:00	66.5	69.4	57.7
26-Feb-08	7:30:00	68.8	71.5	61.5
26-Feb-08	8:00:00	69.9	72.7	63.7
26-Feb-08	8:30:00	70.4	73.1	65.1
26-Feb-08	9:00:00	70.4	73.4	64.6
26-Feb-08	9:30:00	70.1	72.5	65.8
26-Feb-08	10:00:00	70.4	72.4	66.2
26-Feb-08	10:30:00	70.5	72.6	66.0
26-Feb-08	11:00:00	70.8	73.3	66.8
26-Feb-08	11:30:00	70.0	72.7	65.8
26-Feb-08	12:00:00	69.1	72.0	63.1
26-Feb-08	12:30:00	70.8	73.7	64.7
26-Feb-08	13:00:00	70.7	73.4	66.6
26-Feb-08	13:30:00	70.4	72.3	66.3
26-Feb-08	14:00:00	72.3	73.3	67.4
26-Feb-08	14:30:00	71.0	73.0	66.3
26-Feb-08	15:00:00	71.9	74.3	67.2
26-Feb-08	15:30:00	70.4	72.8	65.4
26-Feb-08	16:00:00	69.8	72.6	64.4
26-Feb-08	16:30:00	70.2	72.6	64.9
26-Feb-08	17:00:00	68.6	71.0	63.9
26-Feb-08	17:30:00	68.5	71.0	62.4
26-Feb-08	18:00:00	68.0	70.0	61.9
26-Feb-08	18:30:00	67.2	69.8	61.6

Mean        70.0     72.5     65.0  
Maximum    72.3     74.3     67.4  
Minimum    66.5     69.4     57.7

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
27 Feb, 08	7:00:00	69.1	71.1	58.4
27 Feb, 08	7:30:00	69.2	72.1	62.5
27 Feb, 08	8:00:00	69.1	72.1	63.1
27 Feb, 08	8:30:00	69.7	72.3	63.8
27 Feb, 08	9:00:00	69.4	72.5	63.6
27 Feb, 08	9:30:00	70.3	72.9	63.8
27 Feb, 08	10:00:00	68.8	72.0	63.2
27 Feb, 08	10:30:00	70.1	72.6	65.0
27 Feb, 08	11:00:00	70.9	73.2	66.7
27 Feb, 08	11:30:00	69.9	72.4	64.8
27 Feb, 08	12:00:00	70.4	71.4	63.5
27 Feb, 08	12:30:00	70.0	73.0	63.7
27 Feb, 08	13:00:00	71.0	73.4	66.5
27 Feb, 08	13:30:00	70.2	73.1	65.8
27 Feb, 08	14:00:00	70.0	72.5	65.4
27 Feb, 08	14:30:00	70.6	72.8	65.8
27 Feb, 08	15:00:00	70.3	72.4	65.9
27 Feb, 08	15:30:00	71.2	72.8	66.4
27 Feb, 08	16:00:00	71.4	73.5	67.3
27 Feb, 08	16:30:00	70.3	72.3	66.0
27 Feb, 08	17:00:00	71.0	73.6	65.8
27 Feb, 08	17:30:00	69.8	72.6	64.3
27 Feb, 08	18:00:00	68.2	70.2	62.7
27 Feb, 08	18:30:00	67.8	69.7	62.5

Mean        70.0     72.5     64.8  
Maximum    71.4     73.6     67.3  
Minimum    67.8     69.7     58.4

**Day-time Noise Level at NC1, 2/F outside the window facing to construction site\***

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
28 Feb, 08	7:00:00	67.6	71.1	58.6
28 Feb, 08	7:30:00	68.9	72.0	63.0
28 Feb, 08	8:00:00	69.7	72.7	64.0
28 Feb, 08	8:30:00	70.8	72.8	64.6
28 Feb, 08	9:00:00	69.7	72.8	63.0
28 Feb, 08	9:30:00	70.0	72.2	64.9
28 Feb, 08	10:00:00	70.8	73.2	65.0
28 Feb, 08	10:30:00	70.8	73.3	66.4
28 Feb, 08	11:00:00	71.5	74.0	68.0
28 Feb, 08	11:30:00	69.4	71.9	65.3
28 Feb, 08	12:00:00	68.1	71.1	62.7
28 Feb, 08	12:30:00	70.3	73.0	64.1
28 Feb, 08	13:00:00	70.5	73.1	66.5
28 Feb, 08	13:30:00	69.2	72.3	64.2
28 Feb, 08	14:00:00	70.4	72.6	66.0
28 Feb, 08	14:30:00	72.9	73.4	65.9
28 Feb, 08	15:00:00	70.4	72.8	65.9
28 Feb, 08	15:30:00	71.3	73.1	67.2
28 Feb, 08	16:00:00	71.2	73.4	67.4
28 Feb, 08	16:30:00	71.3	73.3	66.9
28 Feb, 08	17:00:00	71.0	73.4	65.6
28 Feb, 08	17:30:00	69.7	72.4	64.8
28 Feb, 08	18:00:00	67.8	70.5	61.9
28 Feb, 08	18:30:00	68.1	70.5	61.6

Mean        70.3     72.6     65.2  
 Maximum    72.9     74.0     68.0  
 Minimum    67.6     70.5     58.6

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
29 Feb, 08	7:00:00	67.1	70.2	58.5
29 Feb, 08	7:30:00	68.9	71.7	62.2
29 Feb, 08	8:00:00	69.6	72.6	63.9
29 Feb, 08	8:30:00	72.3	74.9	67.4
29 Feb, 08	9:00:00	71.9	73.9	67.1
29 Feb, 08	9:30:00	74.3	76.4	68.6
29 Feb, 08	10:00:00	71.4	74.1	66.4
29 Feb, 08	10:30:00	73.3	73.5	66.9
29 Feb, 08	11:00:00	71.5	73.5	68.1
29 Feb, 08	11:30:00	70.4	72.9	66.0
29 Feb, 08	12:00:00	69.0	72.1	62.3
29 Feb, 08	12:30:00	69.6	72.7	63.6
29 Feb, 08	13:00:00	71.9	74.2	67.5
29 Feb, 08	13:30:00	70.5	73.5	64.9
29 Feb, 08	14:00:00	68.8	71.3	64.6
29 Feb, 08	14:30:00	71.0	73.8	65.9
29 Feb, 08	15:00:00	71.1	73.3	67.3
29 Feb, 08	15:30:00	70.9	73.9	65.6
29 Feb, 08	16:00:00	71.7	74.3	67.1
29 Feb, 08	16:30:00	70.1	72.2	65.5
29 Feb, 08	17:00:00	70.0	72.4	65.4
29 Feb, 08	17:30:00	69.6	72.1	64.1
29 Feb, 08	18:00:00	69.6	71.1	64.8
29 Feb, 08	18:30:00	68.1	70.8	62.7

Mean        70.8     73.2     65.8  
 Maximum    74.3     76.4     68.6  
 Minimum    67.1     70.2     58.5

Summary of Day Time Noise Level at NC1, 2/F outside the window facing to construction site			
	Leq	L10	L90
Mean	70.2	72.7	64.9
Max	74.6	77.1	68.7
Min	63.7	66.3	51.6

### Day-time Noise Level at NC2 The Legend\*

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
12-Feb-08	7:02:00	58.1	60.8	53.8
12-Feb-08	7:32:00	60.6	63.6	55.8
12-Feb-08	8:02:00	62.2	64.4	58.8
12-Feb-08	8:32:00	63.2	65.2	60.2
12-Feb-08	9:02:00	63.5	65.7	60.2
12-Feb-08	9:32:00	65.7	67.4	63.5
12-Feb-08	10:02:00	65.6	67.3	63.5
12-Feb-08	10:32:00	65.7	67.2	63.7
12-Feb-08	11:02:00	65.8	67.7	63.6
12-Feb-08	11:32:00	63.2	65.2	60.6
12-Feb-08	12:02:00	60.4	62.6	54.8
12-Feb-08	12:32:00	59.1	61.5	54.6
12-Feb-08	13:02:00	63.4	65.5	60.2
12-Feb-08	13:32:00	65.0	67.0	62.5
12-Feb-08	14:02:00	63.7	66.3	60.1
12-Feb-08	14:32:00	63.1	65.4	59.9
12-Feb-08	15:02:00	63.0	65.1	60.4
12-Feb-08	15:32:00	62.8	64.8	59.8
12-Feb-08	16:02:00	62.9	64.9	59.5
12-Feb-08	16:32:00	62.4	64.3	59.5
12-Feb-08	17:02:00	64.4	67.0	59.9
12-Feb-08	17:32:00	63.8	66.5	59.2
12-Feb-08	18:02:00	60.6	62.6	56.9
12-Feb-08	18:32:00	61.3	63.6	56.0

Mean      63.3      65.4      60.3  
 Maximum   65.8      67.7      63.7  
 Minimum   58.1      60.8      53.8

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
13-Feb-08	7:02:00	59.5	62.5	54.5
13-Feb-08	7:32:00	60.9	63.1	57.7
13-Feb-08	8:02:00	62.8	64.9	59.9
13-Feb-08	8:32:00	63.0	65.3	60.1
13-Feb-08	9:02:00	63.3	65.4	60.4
13-Feb-08	9:32:00	63.8	65.9	61.0
13-Feb-08	10:02:00	63.7	66.0	60.8
13-Feb-08	10:32:00	62.6	65.0	59.5
13-Feb-08	11:02:00	63.2	65.6	60.0
13-Feb-08	11:32:00	62.8	64.6	60.1
13-Feb-08	12:02:00	65.2	67.2	62.7
13-Feb-08	12:32:00	62.1	64.1	58.7
13-Feb-08	13:02:00	62.8	65.0	59.6
13-Feb-08	13:32:00	64.0	66.1	61.0
13-Feb-08	14:02:00	63.3	65.4	60.1
13-Feb-08	14:32:00	63.8	66.2	61.0
13-Feb-08	15:02:00	63.4	65.4	60.9
13-Feb-08	15:32:00	62.5	64.7	59.9
13-Feb-08	16:02:00	63.3	66.1	59.6
13-Feb-08	16:32:00	63.4	65.5	60.2
13-Feb-08	17:02:00	63.5	65.3	61.0
13-Feb-08	17:32:00	63.3	65.7	60.2
13-Feb-08	18:02:00	60.1	62.3	56.8
13-Feb-08	18:32:00	59.9	62.4	55.6

Mean      62.9      65.2      59.9  
 Maximum   65.2      67.2      62.7  
 Minimum   59.5      62.3      54.5

### Day-time Noise Level at NC2 The Legend\*

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
14-Feb-08	7:02:00	58.5	61.2	54.8
14-Feb-08	7:32:00	60.0	62.5	56.2
14-Feb-08	8:02:00	62.3	64.4	59.6
14-Feb-08	8:32:00	63.8	65.8	60.4
14-Feb-08	9:02:00	66.3	68.2	63.1
14-Feb-08	9:32:00	67.2	69.6	62.4
14-Feb-08	10:02:00	67.7	70.2	62.7
14-Feb-08	10:32:00	67.7	70.0	63.5
14-Feb-08	11:02:00	67.6	70.0	62.5
14-Feb-08	11:32:00	64.0	66.4	59.9
14-Feb-08	12:02:00	63.4	65.7	60.5
14-Feb-08	12:32:00	66.3	68.5	62.9
14-Feb-08	13:02:00	67.0	69.0	63.5
14-Feb-08	13:32:00	66.8	69.1	62.7
14-Feb-08	14:02:00	67.8	70.2	63.9
14-Feb-08	14:32:00	65.7	68.0	61.4
14-Feb-08	15:02:00	66.4	68.8	62.4
14-Feb-08	15:32:00	63.5	65.1	60.3
14-Feb-08	16:02:00	66.7	69.1	62.8
14-Feb-08	16:32:00	66.5	68.9	62.8
14-Feb-08	17:02:00	64.7	67.0	61.3
14-Feb-08	17:32:00	66.7	69.0	62.6
14-Feb-08	18:02:00	65.3	67.7	62.3
14-Feb-08	18:32:00	60.0	62.4	56.0

Mean      65.7      68.0      61.8  
 Maximum   67.8      70.2      63.9  
 Minimum   58.5      61.2      54.8

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
15-Feb-08	7:02:00	58.2	60.5	54.4
15-Feb-08	7:32:00	61.2	63.3	57.9
15-Feb-08	8:02:00	63.6	65.6	60.4
15-Feb-08	8:32:00	64.1	65.9	61.1
15-Feb-08	9:02:00	65.0	66.6	62.8
15-Feb-08	9:32:00	65.2	67.0	62.7
15-Feb-08	10:02:00	66.6	68.8	63.6
15-Feb-08	10:32:00	65.8	67.1	63.2
15-Feb-08	11:02:00	65.1	66.5	63.3
15-Feb-08	11:32:00	63.8	65.6	61.6
15-Feb-08	12:02:00	62.8	64.4	60.8
15-Feb-08	12:32:00	64.4	66.1	61.7
15-Feb-08	13:02:00	65.7	67.3	63.6
15-Feb-08	13:32:00	65.1	66.7	63.0
15-Feb-08	14:02:00	65.9	67.3	63.5
15-Feb-08	14:32:00	64.4	65.8	62.1
15-Feb-08	15:02:00	65.7	66.9	62.9
15-Feb-08	15:32:00	64.0	65.3	61.9
15-Feb-08	16:02:00	63.3	65.0	61.1
15-Feb-08	16:32:00	63.9	65.6	61.6
15-Feb-08	17:02:00	63.9	65.5	61.4
15-Feb-08	17:32:00	62.9	64.8	60.2
15-Feb-08	18:02:00	62.0	63.6	59.8
15-Feb-08	18:32:00	60.9	62.5	58.6

Mean      64.2      65.9      61.8  
 Maximum   66.6      68.8      63.6  
 Minimum   58.2      60.5      54.4



### Day-time Noise Level at NC2 The Legend\*

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
16-Feb-08	7:02:00	60.2	62.7	55.2
16-Feb-08	7:32:00	62.3	64.3	58.7
16-Feb-08	8:02:00	63.7	65.8	60.7
16-Feb-08	8:32:00	64.5	66.6	61.1
16-Feb-08	9:02:00	63.4	65.8	60.0
16-Feb-08	9:32:00	64.2	66.7	60.8
16-Feb-08	10:02:00	64.4	66.7	61.5
16-Feb-08	10:32:00	65.1	67.1	62.3
16-Feb-08	11:02:00	65.8	67.6	63.5
16-Feb-08	11:32:00	64.8	66.6	62.5
16-Feb-08	12:02:00	62.8	64.5	60.6
16-Feb-08	12:32:00	63.6	65.4	61.0
16-Feb-08	13:02:00	65.7	67.4	62.6
16-Feb-08	13:32:00	67.3	69.3	64.6
16-Feb-08	14:02:00	66.5	68.3	63.7
16-Feb-08	14:32:00	66.3	68.2	63.6
16-Feb-08	15:02:00	65.0	66.7	62.5
16-Feb-08	15:32:00	63.1	65.2	60.2
16-Feb-08	16:02:00	65.2	66.9	62.2
16-Feb-08	16:32:00	64.3	66.0	61.9
16-Feb-08	17:02:00	64.9	66.8	62.2
16-Feb-08	17:32:00	65.4	67.9	62.4
16-Feb-08	18:02:00	63.7	66.1	60.2
16-Feb-08	18:32:00	60.5	63.7	56.1

Mean	64.6	66.6	61.7
Maximum	67.3	69.3	64.6
Minimum	60.2	62.7	55.2

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
18-Feb-08	7:02:00	59.9	62.3	56.4
18-Feb-08	7:32:00	61.9	63.7	59.6
18-Feb-08	8:02:00	65.5	67.2	62.1
18-Feb-08	8:32:00	66.2	67.8	62.8
18-Feb-08	9:02:00	67.9	70.2	64.5
18-Feb-08	9:32:00	67.0	69.1	63.6
18-Feb-08	10:02:00	67.4	69.9	64.0
18-Feb-08	10:32:00	66.7	68.6	63.8
18-Feb-08	11:02:00	65.3	66.8	62.5
18-Feb-08	11:32:00	64.5	66.3	62.1
18-Feb-08	12:02:00	61.4	63.2	58.9
18-Feb-08	12:32:00	64.1	65.9	61.8
18-Feb-08	13:02:00	66.2	68.0	63.5
18-Feb-08	13:32:00	65.1	66.8	62.6
18-Feb-08	14:02:00	66.1	68.0	63.4
18-Feb-08	14:32:00	64.0	65.9	61.2
18-Feb-08	15:02:00	64.2	66.1	61.7
18-Feb-08	15:32:00	64.4	65.7	62.3
18-Feb-08	16:02:00	64.8	66.6	61.9
18-Feb-08	16:32:00	65.3	67.1	62.8
18-Feb-08	17:02:00	64.9	67.0	61.9
18-Feb-08	17:32:00	65.8	68.5	62.3
18-Feb-08	18:02:00	62.0	63.9	59.0
18-Feb-08	18:32:00	64.8	67.2	61.3

Mean	65.2	67.1	62.2
Maximum	67.9	70.2	64.5
Minimum	59.9	62.3	56.4

### Day-time Noise Level at NC2 The Legend\*

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
19-Feb-08	7:02:00	59.2	61.7	55.1
19-Feb-08	7:32:00	62.0	64.1	59.4
19-Feb-08	8:02:00	63.7	65.7	60.9
19-Feb-08	8:32:00	65.3	67.2	62.4
19-Feb-08	9:02:00	66.4	68.5	63.7
19-Feb-08	9:32:00	66.8	68.7	64.1
19-Feb-08	10:02:00	65.5	67.4	63.2
19-Feb-08	10:32:00	65.9	67.9	62.6
19-Feb-08	11:02:00	67.2	69.0	64.3
19-Feb-08	11:32:00	65.6	67.2	63.5
19-Feb-08	12:02:00	64.4	66.1	62.1
19-Feb-08	12:32:00	64.3	66.3	61.7
19-Feb-08	13:02:00	67.3	70.3	62.7
19-Feb-08	13:32:00	71.5	75.5	63.9
19-Feb-08	14:02:00	70.8	75.2	62.0
19-Feb-08	14:32:00	69.0	72.9	63.3
19-Feb-08	15:02:00	66.4	68.7	63.0
19-Feb-08	15:32:00	64.6	66.1	62.4
19-Feb-08	16:02:00	65.9	67.7	63.4
19-Feb-08	16:32:00	66.6	68.4	63.9
19-Feb-08	17:02:00	66.7	68.4	64.4
19-Feb-08	17:32:00	65.7	67.6	63.0
19-Feb-08	18:02:00	65.2	67.1	62.6
19-Feb-08	18:32:00	63.6	65.4	60.9

Mean      66.6      69.3      62.8  
 Maximum   71.5      75.5      64.4  
 Minimum   59.2      61.7      55.1

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
20-Feb-08	7:02:00	59.4	62.1	55.3
20-Feb-08	7:32:00	61.6	64.1	58.0
20-Feb-08	8:02:00	64.7	66.9	61.0
20-Feb-08	8:32:00	66.3	68.5	62.3
20-Feb-08	9:02:00	66.2	68.3	62.2
20-Feb-08	9:32:00	66.6	68.5	62.4
20-Feb-08	10:02:00	66.3	68.2	61.8
20-Feb-08	10:32:00	65.6	67.6	61.5
20-Feb-08	11:02:00	64.9	67.0	61.9
20-Feb-08	11:32:00	64.0	66.6	60.7
20-Feb-08	12:02:00	61.4	63.5	58.5
20-Feb-08	12:32:00	62.7	64.7	60.3
20-Feb-08	13:02:00	65.5	67.8	62.3
20-Feb-08	13:32:00	65.9	68.1	61.7
20-Feb-08	14:02:00	65.1	67.8	60.7
20-Feb-08	14:32:00	64.5	66.4	61.4
20-Feb-08	15:02:00	66.0	68.2	61.9
20-Feb-08	15:32:00	64.9	66.5	62.5
20-Feb-08	16:02:00	65.1	66.7	62.4
20-Feb-08	16:32:00	64.1	65.9	61.5
20-Feb-08	17:02:00	66.6	68.2	63.9
20-Feb-08	17:32:00	66.1	68.2	62.5
20-Feb-08	18:02:00	61.3	63.2	58.7
20-Feb-08	18:32:00	61.6	63.7	58.7

Mean      64.8      66.9      61.3  
 Maximum   66.6      68.5      63.9  
 Minimum   59.4      62.1      55.3

### Day-time Noise Level at NC2 The Legend\*

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
21-Feb-08	7:02:00	59.2	61.9	54.6
21-Feb-08	7:32:00	62.5	64.5	57.9
21-Feb-08	8:02:00	65.2	67.4	61.3
21-Feb-08	8:32:00	65.6	67.7	62.3
21-Feb-08	9:02:00	66.3	68.8	62.5
21-Feb-08	9:32:00	65.6	68.2	61.9
21-Feb-08	10:02:00	65.2	67.2	61.7
21-Feb-08	10:32:00	65.4	67.4	61.1
21-Feb-08	11:02:00	66.2	68.5	62.6
21-Feb-08	11:32:00	63.7	65.7	60.5
21-Feb-08	12:02:00	60.9	63.1	58.0
21-Feb-08	12:32:00	62.2	64.6	58.8
21-Feb-08	13:02:00	65.7	67.5	62.5
21-Feb-08	13:32:00	65.7	67.4	62.0
21-Feb-08	14:02:00	64.9	66.6	61.9
21-Feb-08	14:32:00	64.6	66.4	61.5
21-Feb-08	15:02:00	65.9	67.9	62.8
21-Feb-08	15:32:00	66.3	68.4	63.5
21-Feb-08	16:02:00	66.5	68.1	64.0
21-Feb-08	16:32:00	65.8	67.4	63.2
21-Feb-08	17:02:00	65.7	67.1	63.3
21-Feb-08	17:32:00	64.7	66.5	62.3
21-Feb-08	18:02:00	62.4	64.3	59.9
21-Feb-08	18:32:00	59.9	62.5	56.1

Mean      64.8      66.8      61.6  
 Maximum   66.5      68.8      64.0  
 Minimum   59.2      61.9      54.6

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
22 Feb, 08	7:02:00	58.9	61.8	54.2
22 Feb, 08	7:32:00	61.5	63.7	58.5
22 Feb, 08	8:02:00	63.3	65.4	60.1
22 Feb, 08	8:32:00	64.9	66.7	61.5
22 Feb, 08	9:02:00	65.0	67.0	61.7
22 Feb, 08	9:32:00	67.0	68.7	63.7
22 Feb, 08	10:02:00	67.2	68.9	64.0
22 Feb, 08	10:32:00	65.5	67.2	62.9
22 Feb, 08	11:02:00	65.7	67.6	62.8
22 Feb, 08	11:32:00	64.9	66.8	62.2
22 Feb, 08	12:02:00	65.4	67.5	62.6
22 Feb, 08	12:32:00	64.8	66.8	61.8
22 Feb, 08	13:02:00	66.5	68.1	64.1
22 Feb, 08	13:32:00	67.4	69.4	64.2
22 Feb, 08	14:02:00	65.2	67.1	62.5
22 Feb, 08	14:32:00	65.0	66.5	62.9
22 Feb, 08	15:02:00	64.3	66.0	62.0
22 Feb, 08	15:32:00	65.7	67.5	62.9
22 Feb, 08	16:02:00	65.4	67.2	62.6
22 Feb, 08	16:32:00	64.8	66.7	61.9
22 Feb, 08	17:02:00	65.2	67.2	62.3
22 Feb, 08	17:32:00	63.0	65.2	60.2
22 Feb, 08	18:02:00	63.1	65.3	60.2
22 Feb, 08	18:32:00	64.8	67.2	61.0

Mean      65.1      67.0      62.2  
 Maximum   67.4      69.4      64.2  
 Minimum   58.9      61.8      54.2

### Day-time Noise Level at NC2 The Legend\*

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
23 Feb, 08	7:02:00	57.3	60.2	53.4
23 Feb, 08	7:32:00	60.0	62.2	56.9
23 Feb, 08	8:02:00	62.8	64.7	59.5
23 Feb, 08	8:32:00	66.0	67.8	61.9
23 Feb, 08	9:02:00	66.4	67.9	64.0
23 Feb, 08	9:32:00	65.7	67.9	62.7
23 Feb, 08	10:02:00	65.0	67.4	61.6
23 Feb, 08	10:32:00	66.0	68.8	62.3
23 Feb, 08	11:02:00	65.4	67.2	63.0
23 Feb, 08	11:32:00	65.1	66.8	62.9
23 Feb, 08	12:02:00	64.2	66.1	61.7
23 Feb, 08	12:32:00	64.9	67.2	62.1
23 Feb, 08	13:02:00	65.9	67.8	63.4
23 Feb, 08	13:32:00	66.3	67.9	63.7
23 Feb, 08	14:02:00	65.5	67.2	62.9
23 Feb, 08	14:32:00	66.2	68.0	63.6
23 Feb, 08	15:02:00	65.8	67.7	62.9
23 Feb, 08	15:32:00	64.3	66.4	61.4
23 Feb, 08	16:02:00	63.8	65.8	61.2
23 Feb, 08	16:32:00	65.8	67.5	63.2
23 Feb, 08	17:02:00	65.5	67.5	62.9
23 Feb, 08	17:32:00	66.1	69.0	61.7
23 Feb, 08	18:02:00	64.2	66.2	61.5
23 Feb, 08	18:32:00	63.6	65.2	61.8

Mean      65.0      67.0      62.2  
 Maximum   66.4      69.0      64.0  
 Minimum   57.3      60.2      53.4

Date	Time	Noise Level for 30-min, dB(A)		
		Leq	L10	L90
25 Feb, 08	7:02:00	60.2	62.7	55.2
25 Feb, 08	7:32:00	62.3	64.3	58.7
25 Feb, 08	8:02:00	63.7	65.8	60.7
25 Feb, 08	8:32:00	64.5	66.6	61.1
25 Feb, 08	9:02:00	63.4	65.8	60.0
25 Feb, 08	9:32:00	64.2	66.7	60.8
25 Feb, 08	10:02:00	64.4	66.7	61.5
25 Feb, 08	10:32:00	65.1	67.1	62.3
25 Feb, 08	11:02:00	65.8	67.6	63.5
25 Feb, 08	11:32:00	64.5	66.3	62.0
25 Feb, 08	12:02:00	62.5	64.0	60.2
25 Feb, 08	12:32:00	63.6	65.3	60.7
25 Feb, 08	13:02:00	65.7	67.4	63.3
25 Feb, 08	13:32:00	65.6	67.5	62.8
25 Feb, 08	14:02:00	65.5	67.4	62.8
25 Feb, 08	14:32:00	64.9	66.8	62.3
25 Feb, 08	15:02:00	64.1	65.7	61.9
25 Feb, 08	15:32:00	64.7	66.5	61.4
25 Feb, 08	16:02:00	65.4	67.2	62.6
25 Feb, 08	16:32:00	65.7	67.9	62.6
25 Feb, 08	17:02:00	66.6	68.9	63.2
25 Feb, 08	17:32:00	65.1	67.0	62.3
25 Feb, 08	18:02:00	63.8	65.6	60.8
25 Feb, 08	18:32:00	62.1	64.1	59.2

Mean      64.5      66.5      61.6  
 Maximum   66.6      68.9      63.5  
 Minimum   60.2      62.7      55.2

Summary of Day Time Noise Level at NC2 The Legend*			
	Leq	L10	L90
Mean	64.8	66.9	61.7
Max	71.5	75.5	64.6
Min	57.3	60.2	53.4

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**APPENDIX B3 & B4  
EVENING-TIME 19:00-23:00HRS AND  
HOLIDAYS 07:00-2300HRS BASELINE  
NOISE MONITORING DATA**

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**Evening Time and Holiday Noise Level at NC1,  
2/F outside the window facing to construction site\***

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
16-Feb-08	19:00:00	64.2	67.5	57.0
16-Feb-08	19:05:00	64.9	68.0	55.0
16-Feb-08	19:10:00	65.9	68.5	58.5
16-Feb-08	19:15:00	68.4	70.0	58.0
16-Feb-08	19:20:00	65.2	68.0	55.5
16-Feb-08	19:25:00	65.1	68.5	56.5
16-Feb-08	19:30:00	66.5	69.0	59.5
16-Feb-08	19:35:00	65.2	68.5	55.5
16-Feb-08	19:40:00	65.5	68.5	58.5
16-Feb-08	19:45:00	66.7	69.5	56.0
16-Feb-08	19:50:00	65.2	68.0	56.5
16-Feb-08	19:55:00	66.8	69.5	58.0
16-Feb-08	20:00:00	65.7	67.5	54.0
16-Feb-08	20:05:00	65.8	68.5	57.5
16-Feb-08	20:10:00	64.3	67.0	52.5
16-Feb-08	20:15:00	64.7	66.5	54.5
16-Feb-08	20:20:00	63.2	67.0	53.0
16-Feb-08	20:25:00	64.3	67.5	53.0
16-Feb-08	20:30:00	63.4	66.5	53.5
16-Feb-08	20:35:00	63.5	66.5	55.5
16-Feb-08	20:40:00	62.5	66.5	53.5
16-Feb-08	20:45:00	63.9	68.0	53.5
16-Feb-08	20:50:00	66.6	69.5	56.5
16-Feb-08	20:55:00	65.0	68.0	55.5
16-Feb-08	21:00:00	65.0	67.5	54.5
16-Feb-08	21:05:00	63.5	66.5	53.5
16-Feb-08	21:10:00	64.2	67.0	52.5
16-Feb-08	21:15:00	65.9	69.0	54.5
16-Feb-08	21:20:00	63.6	67.0	55.0
16-Feb-08	21:25:00	66.3	69.0	56.5
16-Feb-08	21:30:00	63.5	67.0	53.5
16-Feb-08	21:35:00	64.3	67.5	52.0
16-Feb-08	21:40:00	63.6	67.5	53.0
16-Feb-08	21:45:00	63.3	66.5	55.0
16-Feb-08	21:50:00	66.6	70.5	54.5
16-Feb-08	21:55:00	63.8	67.0	53.0
16-Feb-08	22:00:00	63.3	66.5	54.0
16-Feb-08	22:05:00	65.2	68.0	55.0
16-Feb-08	22:10:00	62.4	66.0	53.0
16-Feb-08	22:15:00	64.1	67.0	52.0
16-Feb-08	22:20:00	64.2	67.5	55.0
16-Feb-08	22:25:00	66.3	69.5	56.0
16-Feb-08	22:30:00	65.0	67.5	55.0
16-Feb-08	22:35:00	65.5	68.0	54.5
16-Feb-08	22:40:00	64.1	66.5	53.5
16-Feb-08	22:45:00	65.2	68.0	54.0
16-Feb-08	22:50:00	66.6	69.5	56.0
16-Feb-08	22:55:00	63.0	66.5	53.0

Mean 65.0 68.0 55.3  
Maximum 68.4 70.5 59.5  
Minimum 62.4 66.0 52.0

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
17-Feb-08	7:00:00	59.3	63.0	51.5
17-Feb-08	7:05:00	61.8	65.0	51.5
17-Feb-08	7:10:00	60.1	64.5	51.5
17-Feb-08	7:15:00	63.5	66.5	51.5
17-Feb-08	7:20:00	61.0	64.5	52.0
17-Feb-08	7:25:00	64.7	67.5	51.5
17-Feb-08	7:30:00	60.6	64.5	52.0
17-Feb-08	7:35:00	64.3	66.0	53.0
17-Feb-08	7:40:00	62.8	66.0	52.0
17-Feb-08	7:45:00	63.6	67.0	52.5
17-Feb-08	7:50:00	64.0	67.0	52.0
17-Feb-08	7:55:00	61.5	66.0	52.0
17-Feb-08	8:00:00	63.4	67.0	51.0
17-Feb-08	8:05:00	62.4	64.0	47.0
17-Feb-08	8:10:00	57.9	62.5	49.0
17-Feb-08	8:15:00	65.8	67.5	47.0
17-Feb-08	8:20:00	61.3	65.5	48.5
17-Feb-08	8:25:00	60.1	64.0	46.5
17-Feb-08	8:30:00	65.4	68.5	49.0
17-Feb-08	8:35:00	62.9	66.5	49.5
17-Feb-08	8:40:00	63.7	68.0	49.0
17-Feb-08	8:45:00	62.1	66.5	49.5
17-Feb-08	8:50:00	64.1	68.0	51.0
17-Feb-08	8:55:00	61.1	65.0	50.5
17-Feb-08	9:00:00	64.4	67.5	49.5
17-Feb-08	9:05:00	62.3	66.5	49.5
17-Feb-08	9:10:00	62.1	65.5	49.5
17-Feb-08	9:15:00	64.8	68.0	53.5
17-Feb-08	9:20:00	65.8	70.0	49.0
17-Feb-08	9:25:00	61.8	65.5	50.5
17-Feb-08	9:30:00	63.0	66.5	49.0
17-Feb-08	9:35:00	63.0	67.0	50.5
17-Feb-08	9:40:00	65.0	67.5	51.5
17-Feb-08	9:45:00	64.1	67.0	49.5
17-Feb-08	9:50:00	64.5	67.5	49.5
17-Feb-08	9:55:00	63.5	66.0	51.5
17-Feb-08	10:00:00	65.8	69.5	53.5
17-Feb-08	10:05:00	66.8	69.0	60.5
17-Feb-08	10:10:00	64.2	66.5	60.0
17-Feb-08	10:15:00	64.5	67.0	55.5
17-Feb-08	10:20:00	64.8	67.5	56.5
17-Feb-08	10:25:00	66.0	68.5	56.0
17-Feb-08	10:30:00	64.0	67.0	56.0
17-Feb-08	10:35:00	63.0	66.0	54.5
17-Feb-08	10:40:00	62.7	66.5	54.0
17-Feb-08	10:45:00	63.5	66.5	54.5
17-Feb-08	10:50:00	65.4	68.5	54.0
17-Feb-08	10:55:00	64.8	68.5	57.0

**Evening Time and Holiday Noise Level at NC1,  
2/F outside the window facing to construction site\***

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
17-Feb-08	11:00:00	64.1	67.5	55.0
17-Feb-08	11:05:00	64.2	67.5	55.0
17-Feb-08	11:10:00	66.0	69.0	54.0
17-Feb-08	11:15:00	65.2	68.5	55.5
17-Feb-08	11:20:00	66.4	68.0	53.5
17-Feb-08	11:25:00	63.8	67.0	54.5
17-Feb-08	11:30:00	63.9	66.0	54.0
17-Feb-08	11:35:00	66.4	70.0	55.0
17-Feb-08	11:40:00	65.7	68.0	55.0
17-Feb-08	11:45:00	67.5	71.5	56.5
17-Feb-08	11:50:00	64.0	68.0	55.0
17-Feb-08	11:55:00	65.9	69.0	54.0
17-Feb-08	12:00:00	65.9	69.5	55.0
17-Feb-08	12:05:00	65.1	68.5	54.0
17-Feb-08	12:10:00	68.1	71.5	53.5
17-Feb-08	12:15:00	63.0	66.5	53.5
17-Feb-08	12:20:00	64.8	67.5	54.0
17-Feb-08	12:25:00	64.2	67.5	54.5
17-Feb-08	12:30:00	67.3	69.0	55.5
17-Feb-08	12:35:00	64.9	68.0	54.5
17-Feb-08	12:40:00	64.3	66.5	55.0
17-Feb-08	12:45:00	66.0	69.5	56.0
17-Feb-08	12:50:00	64.9	68.5	53.0
17-Feb-08	12:55:00	62.5	66.0	52.5
17-Feb-08	13:00:00	65.3	68.0	52.5
17-Feb-08	13:05:00	66.0	68.0	54.0
17-Feb-08	13:10:00	63.8	67.0	53.0
17-Feb-08	13:15:00	62.8	66.5	53.5
17-Feb-08	13:20:00	66.4	68.5	53.0
17-Feb-08	13:25:00	65.5	68.0	55.5
17-Feb-08	13:30:00	64.6	68.0	55.0
17-Feb-08	13:35:00	67.3	68.0	56.5
17-Feb-08	13:40:00	65.8	68.0	54.5
17-Feb-08	13:45:00	65.1	68.0	55.5
17-Feb-08	13:50:00	66.7	68.0	54.5
17-Feb-08	13:55:00	64.0	66.5	54.0
17-Feb-08	14:00:00	67.1	69.5	59.5
17-Feb-08	14:05:00	65.9	67.5	56.0
17-Feb-08	14:10:00	66.1	68.0	57.0
17-Feb-08	14:15:00	65.7	68.0	55.0
17-Feb-08	14:20:00	67.8	71.5	58.5
17-Feb-08	14:25:00	66.5	67.5	53.5
17-Feb-08	14:30:00	64.5	67.5	54.0
17-Feb-08	14:35:00	65.2	68.0	54.0
17-Feb-08	14:40:00	66.9	69.5	56.0
17-Feb-08	14:45:00	62.9	66.0	55.0
17-Feb-08	14:50:00	64.8	67.5	56.0
17-Feb-08	14:55:00	64.0	67.0	54.5

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
17-Feb-08	15:00:00	66.1	67.5	57.5
17-Feb-08	15:05:00	65.4	67.0	54.5
17-Feb-08	15:10:00	63.6	66.5	54.5
17-Feb-08	15:15:00	65.9	67.5	54.5
17-Feb-08	15:20:00	64.7	68.0	55.0
17-Feb-08	15:25:00	68.1	70.5	55.0
17-Feb-08	15:30:00	64.4	67.5	54.0
17-Feb-08	15:35:00	65.9	69.0	56.5
17-Feb-08	15:40:00	65.2	68.0	54.5
17-Feb-08	15:45:00	65.8	69.0	55.5
17-Feb-08	15:50:00	68.1	72.0	56.5
17-Feb-08	15:55:00	65.3	67.5	55.0
17-Feb-08	16:00:00	64.8	67.5	55.0
17-Feb-08	16:05:00	63.7	66.5	55.5
17-Feb-08	16:10:00	64.1	67.5	54.5
17-Feb-08	16:15:00	66.7	69.0	57.5
17-Feb-08	16:20:00	65.5	68.5	53.5
17-Feb-08	16:25:00	66.2	69.5	53.5
17-Feb-08	16:30:00	64.6	67.5	55.5
17-Feb-08	16:35:00	64.5	67.5	54.5
17-Feb-08	16:40:00	65.1	68.0	55.5
17-Feb-08	16:45:00	66.1	68.0	55.5
17-Feb-08	16:50:00	63.1	66.5	52.5
17-Feb-08	16:55:00	64.5	67.5	54.0
17-Feb-08	17:00:00	65.7	69.0	55.0
17-Feb-08	17:05:00	67.0	70.0	54.0
17-Feb-08	17:10:00	64.9	67.5	53.5
17-Feb-08	17:15:00	64.1	67.5	54.5
17-Feb-08	17:20:00	63.9	67.0	53.5
17-Feb-08	17:25:00	66.2	69.0	54.0
17-Feb-08	17:30:00	64.4	67.5	53.0
17-Feb-08	17:35:00	64.9	68.0	53.0
17-Feb-08	17:40:00	65.9	69.5	55.5
17-Feb-08	17:45:00	64.1	67.5	54.5
17-Feb-08	17:50:00	64.3	67.0	53.5
17-Feb-08	17:55:00	65.9	69.0	54.5
17-Feb-08	18:00:00	65.9	68.5	56.5
17-Feb-08	18:05:00	63.5	66.0	56.0
17-Feb-08	18:10:00	64.8	68.0	57.0
17-Feb-08	18:15:00	64.9	68.0	52.5
17-Feb-08	18:20:00	64.1	67.5	53.0
17-Feb-08	18:25:00	65.2	67.5	54.0
17-Feb-08	18:30:00	65.8	68.5	55.0
17-Feb-08	18:35:00	65.3	66.5	54.0
17-Feb-08	18:40:00	63.9	67.5	53.5
17-Feb-08	18:45:00	67.6	69.5	57.0
17-Feb-08	18:50:00	66.1	69.0	54.0
17-Feb-08	18:55:00	64.2	68.0	55.0

**Evening Time and Holiday Noise Level at NC1,  
2/F outside the window facing to construction site\***

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
17-Feb-08	19:00:00	65.1	68.0	55.0
17-Feb-08	19:05:00	64.9	68.0	54.0
17-Feb-08	19:10:00	64.1	67.0	53.0
17-Feb-08	19:15:00	65.0	69.0	54.0
17-Feb-08	19:20:00	65.9	68.5	52.5
17-Feb-08	19:25:00	64.1	68.0	53.0
17-Feb-08	19:30:00	65.9	69.0	54.0
17-Feb-08	19:35:00	65.1	69.0	52.5
17-Feb-08	19:40:00	62.7	66.5	53.0
17-Feb-08	19:45:00	64.7	67.5	54.0
17-Feb-08	19:50:00	66.9	71.0	53.0
17-Feb-08	19:55:00	63.9	67.0	53.0
17-Feb-08	20:00:00	64.6	66.5	52.5
17-Feb-08	20:05:00	64.0	67.5	53.0
17-Feb-08	20:10:00	64.5	68.0	53.0
17-Feb-08	20:15:00	65.8	67.0	52.5
17-Feb-08	20:20:00	62.0	65.5	53.0
17-Feb-08	20:25:00	63.2	66.5	54.0
17-Feb-08	20:30:00	65.8	69.0	54.5
17-Feb-08	20:35:00	63.6	67.0	56.0
17-Feb-08	20:40:00	65.3	67.0	53.5
17-Feb-08	20:45:00	64.1	67.0	53.5
17-Feb-08	20:50:00	65.3	67.5	54.0
17-Feb-08	20:55:00	63.4	66.5	53.0
17-Feb-08	21:00:00	64.0	67.5	53.0
17-Feb-08	21:05:00	67.5	69.0	53.5
17-Feb-08	21:10:00	66.7	68.5	56.0
17-Feb-08	21:15:00	63.8	66.5	54.5
17-Feb-08	21:20:00	65.1	68.5	55.0
17-Feb-08	21:25:00	67.1	69.0	58.5
17-Feb-08	21:30:00	64.7	67.5	53.5
17-Feb-08	21:35:00	70.4	70.5	55.0
17-Feb-08	21:40:00	63.7	66.5	55.5
17-Feb-08	21:45:00	64.7	68.0	54.5
17-Feb-08	21:50:00	68.3	70.5	58.0
17-Feb-08	21:55:00	66.4	70.0	57.5
17-Feb-08	22:00:00	63.8	67.0	54.5
17-Feb-08	22:05:00	62.9	66.0	54.5
17-Feb-08	22:10:00	66.4	69.0	54.0
17-Feb-08	22:15:00	62.2	66.0	52.5
17-Feb-08	22:20:00	70.3	67.5	54.0
17-Feb-08	22:25:00	63.8	66.5	56.0
17-Feb-08	22:30:00	64.6	67.5	52.5
17-Feb-08	22:35:00	65.8	68.0	52.5
17-Feb-08	22:40:00	62.2	66.0	52.5
17-Feb-08	22:45:00	63.8	67.5	53.0
17-Feb-08	22:50:00	64.5	68.0	52.0
17-Feb-08	22:55:00	63.5	67.0	53.0

Mean           65.0     67.9     54.4  
Maximum       70.4     72.0     60.5  
Minimum       57.9     62.5     46.5

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
18-Feb-08	19:00:00	66.0	68.0	58.5
18-Feb-08	19:05:00	66.7	68.5	61.0
18-Feb-08	19:10:00	67.2	70.0	59.0
18-Feb-08	19:15:00	65.7	69.0	57.5
18-Feb-08	19:20:00	67.2	69.5	57.5
18-Feb-08	19:25:00	66.1	69.0	56.5
18-Feb-08	19:30:00	67.0	69.0	59.5
18-Feb-08	19:35:00	65.2	67.5	59.0
18-Feb-08	19:40:00	68.4	71.5	60.5
18-Feb-08	19:45:00	65.3	68.0	57.5
18-Feb-08	19:50:00	68.9	72.0	61.0
18-Feb-08	19:55:00	67.7	71.0	59.0
18-Feb-08	20:00:00	64.8	67.5	55.5
18-Feb-08	20:05:00	64.4	67.0	56.0
18-Feb-08	20:10:00	66.5	69.0	56.5
18-Feb-08	20:15:00	62.7	66.5	53.5
18-Feb-08	20:20:00	65.6	68.0	53.5
18-Feb-08	20:25:00	66.6	69.0	57.0
18-Feb-08	20:30:00	66.8	70.0	53.5
18-Feb-08	20:35:00	64.5	67.5	54.5
18-Feb-08	20:40:00	66.2	68.5	53.0
18-Feb-08	20:45:00	63.0	66.0	54.5
18-Feb-08	20:50:00	64.8	68.0	54.5
18-Feb-08	20:55:00	65.1	67.0	54.0
18-Feb-08	21:00:00	65.0	68.0	54.0
18-Feb-08	21:05:00	64.1	66.5	53.5
18-Feb-08	21:10:00	66.6	70.5	54.0
18-Feb-08	21:15:00	63.0	66.5	53.0
18-Feb-08	21:20:00	65.4	68.0	55.0
18-Feb-08	21:25:00	64.6	67.5	53.0
18-Feb-08	21:30:00	62.1	66.0	52.5
18-Feb-08	21:35:00	64.7	67.5	53.5
18-Feb-08	21:40:00	64.2	68.0	55.0
18-Feb-08	21:45:00	66.7	69.5	55.0
18-Feb-08	21:50:00	63.7	67.0	53.0
18-Feb-08	21:55:00	64.3	67.5	52.0
18-Feb-08	22:00:00	65.5	68.0	55.0
18-Feb-08	22:05:00	64.8	67.5	56.0
18-Feb-08	22:10:00	62.7	65.5	51.5
18-Feb-08	22:15:00	63.8	67.0	53.0
18-Feb-08	22:20:00	64.8	67.0	54.0
18-Feb-08	22:25:00	66.4	70.0	56.0
18-Feb-08	22:30:00	65.1	67.5	54.0
18-Feb-08	22:35:00	63.1	67.0	52.5
18-Feb-08	22:40:00	65.2	68.0	55.0
18-Feb-08	22:45:00	63.7	67.0	53.0
18-Feb-08	22:50:00	62.7	66.5	52.0
18-Feb-08	22:55:00	65.1	68.5	52.5

Mean           65.5     68.4     56.0  
Maximum       68.9     72.0     61.0  
Minimum       62.1     65.5     51.5



**Evening Time and Holiday Noise Level at NC1,  
2/F outside the window facing to construction site\***

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
19-Feb-08	19:00:00	67.8	69.5	59.5
19-Feb-08	19:05:00	67.7	69.5	63.5
19-Feb-08	19:10:00	67.9	69.5	63.0
19-Feb-08	19:15:00	67.1	69.0	61.5
19-Feb-08	19:20:00	68.2	70.5	61.0
19-Feb-08	19:25:00	67.7	69.0	62.5
19-Feb-08	19:30:00	66.9	69.0	62.5
19-Feb-08	19:35:00	66.4	69.5	59.0
19-Feb-08	19:40:00	67.6	70.5	59.0
19-Feb-08	19:45:00	68.1	70.5	60.0
19-Feb-08	19:50:00	76.3	72.0	60.0
19-Feb-08	19:55:00	67.0	69.0	59.0
19-Feb-08	20:00:00	67.1	69.5	60.0
19-Feb-08	20:05:00	66.0	69.0	59.5
19-Feb-08	20:10:00	66.7	68.5	60.0
19-Feb-08	20:15:00	66.8	69.0	60.5
19-Feb-08	20:20:00	67.8	70.5	60.5
19-Feb-08	20:25:00	66.4	69.0	59.0
19-Feb-08	20:30:00	68.2	68.5	57.0
19-Feb-08	20:35:00	69.2	71.0	58.0
19-Feb-08	20:40:00	66.2	69.0	58.5
19-Feb-08	20:45:00	67.0	70.0	58.0
19-Feb-08	20:50:00	64.7	68.0	56.0
19-Feb-08	20:55:00	65.4	68.5	55.5
19-Feb-08	21:00:00	65.5	68.5	55.0
19-Feb-08	21:05:00	64.5	67.0	53.5
19-Feb-08	21:10:00	65.3	68.0	54.0
19-Feb-08	21:15:00	63.7	67.0	54.0
19-Feb-08	21:20:00	65.0	68.5	53.5
19-Feb-08	21:25:00	63.9	67.5	53.0
19-Feb-08	21:30:00	67.7	71.5	54.5
19-Feb-08	21:35:00	63.8	67.0	53.5
19-Feb-08	21:40:00	66.8	71.0	52.5
19-Feb-08	21:45:00	65.6	68.5	53.5
19-Feb-08	21:50:00	65.6	68.5	55.5
19-Feb-08	21:55:00	66.0	68.5	55.0
19-Feb-08	22:00:00	64.2	67.5	56.0
19-Feb-08	22:05:00	63.7	67.5	52.0
19-Feb-08	22:10:00	65.8	68.0	58.0
19-Feb-08	22:15:00	66.5	68.5	55.5
19-Feb-08	22:20:00	64.3	67.0	54.5
19-Feb-08	22:25:00	67.1	69.5	55.0
19-Feb-08	22:30:00	68.6	69.5	54.5
19-Feb-08	22:35:00	64.6	67.5	55.0
19-Feb-08	22:40:00	64.5	67.5	54.5
19-Feb-08	22:45:00	66.1	68.5	52.5
19-Feb-08	22:50:00	65.5	67.0	52.0
19-Feb-08	22:55:00	63.3	67.0	52.0

Mean 67.2 69.0 58.2  
Maximum 76.3 72.0 63.5  
Minimum 63.3 67.0 52.0

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
20-Feb-08	19:00:00	66.6	69.0	59.0
20-Feb-08	19:05:00	66.1	68.5	58.5
20-Feb-08	19:10:00	66.3	69.0	59.0
20-Feb-08	19:15:00	68.3	69.5	60.5
20-Feb-08	19:20:00	66.3	68.0	59.5
20-Feb-08	19:25:00	66.2	69.0	57.5
20-Feb-08	19:30:00	67.9	68.5	58.5
20-Feb-08	19:35:00	67.6	68.5	59.0
20-Feb-08	19:40:00	65.4	68.5	55.0
20-Feb-08	19:45:00	68.1	70.5	60.0
20-Feb-08	19:50:00	65.8	68.5	55.5
20-Feb-08	19:55:00	67.1	69.5	55.5
20-Feb-08	20:00:00	66.8	69.5	59.5
20-Feb-08	20:05:00	65.0	68.0	55.5
20-Feb-08	20:10:00	67.2	70.0	57.0
20-Feb-08	20:15:00	64.2	66.5	55.5
20-Feb-08	20:20:00	66.7	68.5	59.0
20-Feb-08	20:25:00	66.5	70.0	53.5
20-Feb-08	20:30:00	65.1	67.5	54.5
20-Feb-08	20:35:00	64.1	67.5	53.0
20-Feb-08	20:40:00	65.9	68.5	55.0
20-Feb-08	20:45:00	65.7	68.0	56.0
20-Feb-08	20:50:00	64.1	67.5	54.0
20-Feb-08	20:55:00	64.2	67.5	53.0
20-Feb-08	21:00:00	64.6	67.5	54.0
20-Feb-08	21:05:00	63.4	66.5	53.5
20-Feb-08	21:10:00	66.1	68.5	55.0
20-Feb-08	21:15:00	62.7	66.0	54.0
20-Feb-08	21:20:00	64.8	69.0	52.5
20-Feb-08	21:25:00	66.3	69.0	52.0
20-Feb-08	21:30:00	65.6	69.5	54.0
20-Feb-08	21:35:00	66.0	68.5	56.5
20-Feb-08	21:40:00	64.5	67.0	54.5
20-Feb-08	21:45:00	65.3	68.0	54.0
20-Feb-08	21:50:00	65.6	68.0	56.0
20-Feb-08	21:55:00	63.7	67.0	54.0
20-Feb-08	22:00:00	66.6	67.0	55.0
20-Feb-08	22:05:00	63.7	67.5	52.5
20-Feb-08	22:10:00	66.0	68.0	55.5
20-Feb-08	22:15:00	63.1	66.5	52.5
20-Feb-08	22:20:00	64.1	67.5	55.0
20-Feb-08	22:25:00	65.3	67.5	55.0
20-Feb-08	22:30:00	63.7	67.0	52.0
20-Feb-08	22:35:00	63.6	67.5	53.0
20-Feb-08	22:40:00	66.0	67.5	53.0
20-Feb-08	22:45:00	64.9	67.0	52.0
20-Feb-08	22:50:00	65.8	70.0	52.0
20-Feb-08	22:55:00	62.0	66.0	52.5

Mean 65.7 68.3 56.0  
Maximum 68.3 70.5 60.5  
Minimum 62.0 66.0 52.0

**Evening Time and Holiday Noise Level at NC1,  
2/F outside the window facing to construction site\***

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
21-Feb-08	19:00:00	65.1	67.5	59.0
21-Feb-08	19:05:00	67.4	69.5	59.0
21-Feb-08	19:10:00	67.2	68.0	59.0
21-Feb-08	19:15:00	67.3	70.5	56.5
21-Feb-08	19:20:00	67.2	68.5	57.5
21-Feb-08	19:25:00	66.9	70.0	58.0
21-Feb-08	19:30:00	65.8	68.5	56.5
21-Feb-08	19:35:00	65.8	68.5	58.5
21-Feb-08	19:40:00	67.8	70.0	62.0
21-Feb-08	19:45:00	65.9	68.5	58.0
21-Feb-08	19:50:00	68.3	69.5	58.0
21-Feb-08	19:55:00	66.1	68.5	59.0
21-Feb-08	20:00:00	66.7	70.0	56.5
21-Feb-08	20:05:00	64.6	67.5	57.0
21-Feb-08	20:10:00	65.3	68.0	56.5
21-Feb-08	20:15:00	65.4	68.0	56.0
21-Feb-08	20:20:00	66.9	68.0	57.0
21-Feb-08	20:25:00	68.0	70.0	58.5
21-Feb-08	20:30:00	65.6	68.5	57.0
21-Feb-08	20:35:00	66.9	70.0	58.0
21-Feb-08	20:40:00	67.7	69.0	55.5
21-Feb-08	20:45:00	67.2	68.5	57.0
21-Feb-08	20:50:00	66.3	68.0	57.0
21-Feb-08	20:55:00	68.5	70.0	57.0
21-Feb-08	21:00:00	66.5	68.5	57.5
21-Feb-08	21:05:00	65.9	69.0	57.0
21-Feb-08	21:10:00	64.5	66.5	56.0
21-Feb-08	21:15:00	65.1	68.0	56.0
21-Feb-08	21:20:00	64.6	67.0	58.0
21-Feb-08	21:25:00	67.8	70.5	58.0
21-Feb-08	21:30:00	65.9	69.5	55.5
21-Feb-08	21:35:00	65.3	67.5	56.5
21-Feb-08	21:40:00	63.6	67.0	55.0
21-Feb-08	21:45:00	64.2	67.0	57.0
21-Feb-08	21:50:00	64.9	68.0	55.5
21-Feb-08	21:55:00	65.3	68.0	56.0
21-Feb-08	22:00:00	66.1	68.5	56.5
21-Feb-08	22:05:00	63.4	67.0	55.5
21-Feb-08	22:10:00	64.2	67.5	55.0
21-Feb-08	22:15:00	65.0	67.0	56.0
21-Feb-08	22:20:00	63.5	66.5	56.0
21-Feb-08	22:25:00	66.9	69.5	58.0
21-Feb-08	22:30:00	63.0	67.0	55.0
21-Feb-08	22:35:00	65.9	68.5	55.5
21-Feb-08	22:40:00	64.0	67.5	55.5
21-Feb-08	22:45:00	64.4	67.5	55.5
21-Feb-08	22:50:00	68.5	70.5	56.5
21-Feb-08	22:55:00	62.6	66.0	55.0

Mean 66.1 68.5 57.2  
Maximum 68.5 70.5 62.0  
Minimum 62.6 66.0 55.0

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
22-Feb-08	19:00:00	68.3	70.0	62.0
22-Feb-08	19:05:00	67.9	70.0	61.5
22-Feb-08	19:10:00	67.6	70.0	62.0
22-Feb-08	19:15:00	67.4	68.5	60.0
22-Feb-08	19:20:00	65.5	68.0	60.0
22-Feb-08	19:25:00	67.9	70.5	58.5
22-Feb-08	19:30:00	66.7	69.5	59.0
22-Feb-08	19:35:00	66.8	70.0	58.5
22-Feb-08	19:40:00	68.5	70.5	59.5
22-Feb-08	19:45:00	66.7	69.0	58.0
22-Feb-08	19:50:00	66.9	70.0	59.5
22-Feb-08	19:55:00	65.2	68.0	58.5
22-Feb-08	20:00:00	67.1	70.0	60.0
22-Feb-08	20:05:00	65.1	67.5	58.5
22-Feb-08	20:10:00	66.3	68.0	58.0
22-Feb-08	20:15:00	66.8	70.0	57.0
22-Feb-08	20:20:00	64.2	67.5	57.0
22-Feb-08	20:25:00	64.8	68.5	56.5
22-Feb-08	20:30:00	64.3	67.5	57.0
22-Feb-08	20:35:00	63.6	67.0	56.5
22-Feb-08	20:40:00	65.8	69.0	55.5
22-Feb-08	20:45:00	63.9	67.5	56.0
22-Feb-08	20:50:00	64.2	67.0	56.5
22-Feb-08	20:55:00	65.3	67.5	56.5
22-Feb-08	21:00:00	64.9	67.0	56.5
22-Feb-08	21:05:00	65.7	69.5	56.0
22-Feb-08	21:10:00	64.0	68.5	56.0
22-Feb-08	21:15:00	66.8	69.5	56.5
22-Feb-08	21:20:00	67.2	68.5	56.0
22-Feb-08	21:25:00	65.7	69.0	56.5
22-Feb-08	21:30:00	66.0	68.0	56.5
22-Feb-08	21:35:00	65.9	69.0	56.0
22-Feb-08	21:40:00	65.7	68.5	57.5
22-Feb-08	21:45:00	64.1	67.0	57.0
22-Feb-08	21:50:00	65.4	69.0	56.0
22-Feb-08	21:55:00	65.5	67.5	57.5
22-Feb-08	22:00:00	65.8	68.0	56.0
22-Feb-08	22:05:00	65.4	68.5	58.5
22-Feb-08	22:10:00	65.1	67.5	56.0
22-Feb-08	22:15:00	65.3	68.0	56.5
22-Feb-08	22:20:00	64.8	68.5	56.5
22-Feb-08	22:25:00	64.1	67.5	56.0
22-Feb-08	22:30:00	65.9	67.5	58.0
22-Feb-08	22:35:00	67.3	69.5	57.0
22-Feb-08	22:40:00	65.9	67.5	57.5
22-Feb-08	22:45:00	63.7	66.5	57.0
22-Feb-08	22:50:00	65.6	67.5	57.0
22-Feb-08	22:55:00	65.5	66.5	57.5

Mean 66.0 68.6 57.9  
Maximum 68.5 70.5 62.0  
Minimum 63.6 66.5 55.5

**Evening Time and Holiday Noise Level at NC1,  
2/F outside the window facing to construction site\***

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
23-Feb-08	19:00:00	70.3	73.0	64.5
23-Feb-08	19:05:00	71.0	73.5	65.0
23-Feb-08	19:10:00	71.5	73.5	66.0
23-Feb-08	19:15:00	70.8	73.5	65.0
23-Feb-08	19:20:00	71.3	74.0	63.5
23-Feb-08	19:25:00	68.6	71.0	62.5
23-Feb-08	19:30:00	69.9	72.0	63.0
23-Feb-08	19:35:00	71.2	74.0	66.5
23-Feb-08	19:40:00	69.3	72.5	61.0
23-Feb-08	19:45:00	68.0	71.5	59.5
23-Feb-08	19:50:00	69.5	72.0	60.5
23-Feb-08	19:55:00	67.4	70.5	60.0
23-Feb-08	20:00:00	67.0	70.0	59.5
23-Feb-08	20:05:00	67.3	69.5	59.0
23-Feb-08	20:10:00	66.2	69.5	59.0
23-Feb-08	20:15:00	67.9	70.5	59.5
23-Feb-08	20:20:00	71.0	71.5	59.5
23-Feb-08	20:25:00	69.7	72.5	63.0
23-Feb-08	20:30:00	68.5	71.5	60.5
23-Feb-08	20:35:00	65.7	69.0	58.0
23-Feb-08	20:40:00	67.7	70.0	58.5
23-Feb-08	20:45:00	66.5	70.0	57.0
23-Feb-08	20:50:00	66.1	69.0	58.5
23-Feb-08	20:55:00	65.6	68.5	57.0
23-Feb-08	21:00:00	64.6	68.0	57.0
23-Feb-08	21:05:00	66.0	69.0	57.0
23-Feb-08	21:10:00	65.7	68.5	57.5
23-Feb-08	21:15:00	65.0	68.0	58.5
23-Feb-08	21:20:00	65.7	68.5	58.5
23-Feb-08	21:25:00	67.3	70.0	58.0
23-Feb-08	21:30:00	64.5	67.5	58.0
23-Feb-08	21:35:00	64.9	67.5	57.5
23-Feb-08	21:40:00	66.1	68.0	59.0
23-Feb-08	21:45:00	65.6	68.5	56.5
23-Feb-08	21:50:00	65.8	68.0	57.5
23-Feb-08	21:55:00	64.8	68.0	57.0
23-Feb-08	22:00:00	64.0	67.0	58.0
23-Feb-08	22:05:00	69.1	70.0	59.0
23-Feb-08	22:10:00	66.1	68.0	58.0
23-Feb-08	22:15:00	66.3	69.0	58.0
23-Feb-08	22:20:00	66.0	68.5	58.0
23-Feb-08	22:25:00	66.7	69.0	58.0
23-Feb-08	22:30:00	66.0	69.0	58.0
23-Feb-08	22:35:00	66.0	68.5	59.0
23-Feb-08	22:40:00	64.8	67.5	58.0
23-Feb-08	22:45:00	65.4	68.0	59.0
23-Feb-08	22:50:00	65.3	68.0	56.0
23-Feb-08	22:55:00	63.2	66.5	57.0

Mean        67.7        70.3        60.4  
Maximum    71.5        74.0        66.5  
Minimum    63.2        66.5        56.0

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
24-Feb-08	7:00:00	58.7	62.0	54.5
24-Feb-08	7:05:00	64.3	66.5	54.5
24-Feb-08	7:10:00	64.4	65.0	55.0
24-Feb-08	7:15:00	57.4	60.5	54.5
24-Feb-08	7:20:00	61.0	65.0	54.5
24-Feb-08	7:25:00	64.0	65.0	54.5
24-Feb-08	7:30:00	64.6	67.5	55.5
24-Feb-08	7:35:00	62.1	64.5	55.0
24-Feb-08	7:40:00	65.4	70.0	56.0
24-Feb-08	7:45:00	64.2	68.0	55.0
24-Feb-08	7:50:00	63.0	66.5	55.5
24-Feb-08	7:55:00	64.5	67.0	55.0
24-Feb-08	8:00:00	70.0	70.0	55.0
24-Feb-08	8:05:00	62.3	63.5	55.5
24-Feb-08	8:10:00	63.1	66.0	56.0
24-Feb-08	8:15:00	63.8	67.5	56.0
24-Feb-08	8:20:00	66.5	68.5	56.0
24-Feb-08	8:25:00	65.4	67.5	55.5
24-Feb-08	8:30:00	64.3	68.0	56.5
24-Feb-08	8:35:00	60.6	64.0	55.5
24-Feb-08	8:40:00	64.4	66.0	56.0
24-Feb-08	8:45:00	65.0	69.0	56.5
24-Feb-08	8:50:00	63.2	66.5	56.0
24-Feb-08	8:55:00	64.4	68.0	55.5
24-Feb-08	9:00:00	61.7	64.5	56.0
24-Feb-08	9:05:00	65.5	68.0	56.5
24-Feb-08	9:10:00	64.7	67.0	57.0
24-Feb-08	9:15:00	62.9	65.5	57.0
24-Feb-08	9:20:00	66.9	68.5	57.0
24-Feb-08	9:25:00	63.6	67.0	57.0
24-Feb-08	9:30:00	64.1	67.5	57.0
24-Feb-08	9:35:00	64.3	67.5	56.5
24-Feb-08	9:40:00	64.4	67.5	56.5
24-Feb-08	9:45:00	68.6	71.0	57.0
24-Feb-08	9:50:00	67.0	70.5	57.5
24-Feb-08	9:55:00	67.6	71.5	58.5
24-Feb-08	10:00:00	68.5	71.0	60.0
24-Feb-08	10:05:00	64.8	67.5	59.0
24-Feb-08	10:10:00	66.2	68.5	59.5
24-Feb-08	10:15:00	64.8	68.0	57.0
24-Feb-08	10:20:00	66.4	69.0	59.0
24-Feb-08	10:25:00	67.3	70.5	61.0
24-Feb-08	10:30:00	66.7	68.5	58.0
24-Feb-08	10:35:00	67.4	69.0	57.5
24-Feb-08	10:40:00	65.7	68.0	58.0
24-Feb-08	10:45:00	66.4	69.5	59.0
24-Feb-08	10:50:00	64.0	67.5	57.0
24-Feb-08	10:55:00	66.7	68.5	60.5

**Evening Time and Holiday Noise Level at NC1,  
2/F outside the window facing to construction site\***

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
24-Feb-08	11:00:00	66.9	69.0	59.5
24-Feb-08	11:05:00	65.1	68.0	57.5
24-Feb-08	11:10:00	66.2	69.0	57.0
24-Feb-08	11:15:00	65.9	69.0	57.0
24-Feb-08	11:20:00	63.6	67.0	56.5
24-Feb-08	11:25:00	66.5	67.5	56.5
24-Feb-08	11:30:00	65.0	68.5	56.5
24-Feb-08	11:35:00	66.9	70.0	59.0
24-Feb-08	11:40:00	65.5	68.5	58.0
24-Feb-08	11:45:00	64.3	67.5	57.0
24-Feb-08	11:50:00	66.0	68.5	57.5
24-Feb-08	11:55:00	65.4	68.0	57.5
24-Feb-08	12:00:00	65.7	68.0	57.5
24-Feb-08	12:05:00	66.2	70.5	55.5
24-Feb-08	12:10:00	64.8	68.0	57.5
24-Feb-08	12:15:00	66.0	68.0	56.0
24-Feb-08	12:20:00	64.9	68.0	57.5
24-Feb-08	12:25:00	66.8	69.0	56.0
24-Feb-08	12:30:00	65.8	69.0	57.5
24-Feb-08	12:35:00	63.4	66.5	54.5
24-Feb-08	12:40:00	65.6	68.5	57.5
24-Feb-08	12:45:00	65.7	68.0	56.5
24-Feb-08	12:50:00	65.4	68.5	57.5
24-Feb-08	12:55:00	63.9	67.0	55.5
24-Feb-08	13:00:00	64.4	66.5	57.5
24-Feb-08	13:05:00	66.8	71.0	56.0
24-Feb-08	13:10:00	65.9	68.5	56.0
24-Feb-08	13:15:00	65.8	68.5	57.0
24-Feb-08	13:20:00	65.2	68.5	56.5
24-Feb-08	13:25:00	65.8	68.5	55.5
24-Feb-08	13:30:00	65.0	68.5	55.5
24-Feb-08	13:35:00	65.3	68.0	57.0
24-Feb-08	13:40:00	66.7	69.0	56.5
24-Feb-08	13:45:00	65.9	68.5	57.0
24-Feb-08	13:50:00	64.8	67.0	56.0
24-Feb-08	13:55:00	66.1	69.0	58.0
24-Feb-08	14:00:00	64.1	67.0	57.5
24-Feb-08	14:05:00	66.2	69.0	57.5
24-Feb-08	14:10:00	65.2	68.0	55.5
24-Feb-08	14:15:00	67.4	70.0	57.0
24-Feb-08	14:20:00	64.3	67.5	57.0
24-Feb-08	14:25:00	66.5	69.0	61.0
24-Feb-08	14:30:00	66.3	69.5	56.5
24-Feb-08	14:35:00	66.1	69.0	59.5
24-Feb-08	14:40:00	67.6	69.0	57.0
24-Feb-08	14:45:00	66.2	68.5	56.0
24-Feb-08	14:50:00	67.0	69.0	57.0
24-Feb-08	14:55:00	65.6	68.0	57.5

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
24-Feb-08	15:00:00	65.3	68.0	58.5
24-Feb-08	15:05:00	66.8	68.5	57.5
24-Feb-08	15:10:00	65.2	68.0	55.5
24-Feb-08	15:15:00	65.6	68.0	58.5
24-Feb-08	15:20:00	65.7	68.5	57.5
24-Feb-08	15:25:00	66.2	68.5	56.5
24-Feb-08	15:30:00	66.2	68.5	57.5
24-Feb-08	15:35:00	64.4	67.5	55.0
24-Feb-08	15:40:00	65.3	68.0	56.5
24-Feb-08	15:45:00	66.6	69.0	59.0
24-Feb-08	15:50:00	65.9	68.5	59.5
24-Feb-08	15:55:00	66.4	70.0	57.0
24-Feb-08	16:00:00	65.2	67.5	56.5
24-Feb-08	16:05:00	65.1	68.0	56.0
24-Feb-08	16:10:00	65.2	68.0	55.5
24-Feb-08	16:15:00	67.3	68.5	58.5
24-Feb-08	16:20:00	64.9	68.0	57.0
24-Feb-08	16:25:00	66.1	69.0	54.0
24-Feb-08	16:30:00	65.8	69.0	55.5
24-Feb-08	16:35:00	65.0	67.5	55.5
24-Feb-08	16:40:00	65.5	68.5	57.0
24-Feb-08	16:45:00	67.7	71.5	57.5
24-Feb-08	16:50:00	66.0	68.5	56.0
24-Feb-08	16:55:00	66.3	69.0	57.0
24-Feb-08	17:00:00	66.2	69.5	57.0
24-Feb-08	17:05:00	68.9	71.0	59.0
24-Feb-08	17:10:00	66.2	68.5	58.0
24-Feb-08	17:15:00	66.5	69.5	58.5
24-Feb-08	17:20:00	65.7	68.5	59.5
24-Feb-08	17:25:00	67.7	71.0	60.0
24-Feb-08	17:30:00	65.7	69.0	57.0
24-Feb-08	17:35:00	65.6	69.0	57.5
24-Feb-08	17:40:00	67.7	69.0	61.0
24-Feb-08	17:45:00	65.7	68.5	57.5
24-Feb-08	17:50:00	66.3	69.5	57.0
24-Feb-08	17:55:00	65.0	68.0	57.0
24-Feb-08	18:00:00	65.6	68.0	59.0
24-Feb-08	18:05:00	66.8	70.0	56.5
24-Feb-08	18:10:00	66.2	68.5	56.5
24-Feb-08	18:15:00	67.2	69.0	58.5
24-Feb-08	18:20:00	63.7	67.0	56.0
24-Feb-08	18:25:00	66.3	69.0	59.5
24-Feb-08	18:30:00	65.6	69.0	57.0
24-Feb-08	18:35:00	67.1	69.0	58.0
24-Feb-08	18:40:00	64.3	67.5	55.5
24-Feb-08	18:45:00	67.4	71.0	59.0
24-Feb-08	18:50:00	67.9	69.0	57.5
24-Feb-08	18:55:00	64.1	67.0	56.5

**Evening Time and Holiday Noise Level at NC1,  
2/F outside the window facing to construction site\***

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
24-Feb-08	19:00:00	65.1	68.5	58.0
24-Feb-08	19:05:00	68.8	71.0	57.0
24-Feb-08	19:10:00	65.3	68.0	57.5
24-Feb-08	19:15:00	66.9	68.0	55.5
24-Feb-08	19:20:00	65.4	68.5	56.0
24-Feb-08	19:25:00	65.1	68.5	57.5
24-Feb-08	19:30:00	67.4	71.0	58.0
24-Feb-08	19:35:00	64.0	67.5	55.5
24-Feb-08	19:40:00	65.7	68.5	55.5
24-Feb-08	19:45:00	67.7	71.5	56.0
24-Feb-08	19:50:00	64.8	68.5	55.5
24-Feb-08	19:55:00	66.1	67.5	58.0
24-Feb-08	20:00:00	66.0	68.5	57.0
24-Feb-08	20:05:00	63.2	66.5	55.5
24-Feb-08	20:10:00	64.8	67.5	57.5
24-Feb-08	20:15:00	66.7	68.5	57.5
24-Feb-08	20:20:00	63.4	66.5	56.5
24-Feb-08	20:25:00	64.1	67.0	57.5
24-Feb-08	20:30:00	66.9	68.5	56.5
24-Feb-08	20:35:00	65.5	68.5	56.5
24-Feb-08	20:40:00	66.1	67.0	55.0
24-Feb-08	20:45:00	64.3	67.5	56.0
24-Feb-08	20:50:00	65.7	68.0	57.5
24-Feb-08	20:55:00	66.1	69.5	58.0
24-Feb-08	21:00:00	64.1	67.0	55.5
24-Feb-08	21:05:00	66.8	68.5	58.5
24-Feb-08	21:10:00	65.6	69.0	57.0
24-Feb-08	21:15:00	66.4	69.0	56.5
24-Feb-08	21:20:00	65.9	69.0	58.5
24-Feb-08	21:25:00	66.8	68.0	56.5
24-Feb-08	21:30:00	64.3	67.0	56.5
24-Feb-08	21:35:00	66.5	68.5	59.5
24-Feb-08	21:40:00	67.9	70.0	57.5
24-Feb-08	21:45:00	65.4	68.5	58.0
24-Feb-08	21:50:00	65.2	68.0	57.0
24-Feb-08	21:55:00	67.9	70.5	61.0
24-Feb-08	22:00:00	66.0	69.0	56.5
24-Feb-08	22:05:00	65.6	68.0	56.5
24-Feb-08	22:10:00	66.9	70.0	58.5
24-Feb-08	22:15:00	65.5	68.0	56.5
24-Feb-08	22:20:00	64.5	67.5	56.0
24-Feb-08	22:25:00	63.5	67.0	56.0
24-Feb-08	22:30:00	64.8	68.0	56.5
24-Feb-08	22:35:00	65.7	67.5	56.0
24-Feb-08	22:40:00	62.3	65.0	56.0
24-Feb-08	22:45:00	64.7	68.0	56.0
24-Feb-08	22:50:00	65.1	67.5	56.0
24-Feb-08	22:55:00	64.3	66.5	56.0

Mean           65.7      68.4      57.2  
Maximum       70.0      71.5      61.0  
Minimum       57.4      60.5      54.0

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
25-Feb-08	19:00:00	67.7	70.0	63.0
25-Feb-08	19:05:00	69.2	72.5	63.0
25-Feb-08	19:10:00	67.3	69.5	63.0
25-Feb-08	19:15:00	67.6	69.0	61.0
25-Feb-08	19:20:00	66.8	69.0	62.0
25-Feb-08	19:25:00	68.9	71.5	62.5
25-Feb-08	19:30:00	66.8	69.0	62.0
25-Feb-08	19:35:00	66.8	69.0	60.0
25-Feb-08	19:40:00	66.4	69.0	58.5
25-Feb-08	19:45:00	67.6	70.0	58.0
25-Feb-08	19:50:00	67.3	70.0	61.0
25-Feb-08	19:55:00	64.8	67.5	59.0
25-Feb-08	20:00:00	68.7	71.5	60.5
25-Feb-08	20:05:00	65.4	67.5	56.5
25-Feb-08	20:10:00	65.7	68.0	56.5
25-Feb-08	20:15:00	63.9	67.5	57.5
25-Feb-08	20:20:00	65.9	69.0	57.0
25-Feb-08	20:25:00	65.1	68.0	58.0
25-Feb-08	20:30:00	68.0	71.0	58.5
25-Feb-08	20:35:00	63.4	66.0	55.5
25-Feb-08	20:40:00	65.8	68.5	55.5
25-Feb-08	20:45:00	63.6	66.0	55.0
25-Feb-08	20:50:00	66.7	68.5	56.5
25-Feb-08	20:55:00	64.5	68.0	55.0
25-Feb-08	21:00:00	65.2	67.0	54.5
25-Feb-08	21:05:00	64.7	67.5	55.5
25-Feb-08	21:10:00	64.9	68.5	55.0
25-Feb-08	21:15:00	65.0	68.0	56.5
25-Feb-08	21:20:00	64.1	67.0	54.5
25-Feb-08	21:25:00	65.5	68.0	55.0
25-Feb-08	21:30:00	64.8	68.0	55.5
25-Feb-08	21:35:00	65.4	67.5	56.5
25-Feb-08	21:40:00	64.1	67.0	55.5
25-Feb-08	21:45:00	64.7	68.0	55.0
25-Feb-08	21:50:00	65.5	69.0	54.5
25-Feb-08	21:55:00	63.6	67.0	55.5
25-Feb-08	22:00:00	66.6	71.0	56.0
25-Feb-08	22:05:00	64.0	67.5	55.5
25-Feb-08	22:10:00	65.3	68.5	56.0
25-Feb-08	22:15:00	64.4	67.0	57.5
25-Feb-08	22:20:00	62.3	65.5	55.0
25-Feb-08	22:25:00	66.2	69.0	56.5
25-Feb-08	22:30:00	64.3	66.5	55.0
25-Feb-08	22:35:00	64.3	68.0	54.5
25-Feb-08	22:40:00	61.5	65.0	55.0
25-Feb-08	22:45:00	65.9	68.5	56.0
25-Feb-08	22:50:00	65.5	68.5	56.0
25-Feb-08	22:55:00	62.6	66.0	54.5

Mean           65.8      68.6      58.2  
Maximum       69.2      72.5      63.0  
Minimum       61.5      65.0      54.5

**Evening Time and Holiday Noise Level at NC1,  
2/F outside the window facing to construction site\***

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
26-Feb-08	19:00:00	68.2	71.0	61.5
26-Feb-08	19:05:00	67.6	69.0	61.0
26-Feb-08	19:10:00	65.5	67.5	60.5
26-Feb-08	19:15:00	66.0	68.0	60.5
26-Feb-08	19:20:00	67.5	69.0	60.5
26-Feb-08	19:25:00	66.0	69.0	59.5
26-Feb-08	19:30:00	65.5	68.0	60.0
26-Feb-08	19:35:00	67.2	69.0	58.5
26-Feb-08	19:40:00	66.3	69.5	57.0
26-Feb-08	19:45:00	66.7	69.0	58.5
26-Feb-08	19:50:00	68.0	71.0	57.0
26-Feb-08	19:55:00	65.4	68.5	57.0
26-Feb-08	20:00:00	65.7	68.5	58.0
26-Feb-08	20:05:00	65.5	68.5	56.0
26-Feb-08	20:10:00	66.4	69.5	57.5
26-Feb-08	20:15:00	64.2	67.5	56.0
26-Feb-08	20:20:00	64.4	67.0	56.5
26-Feb-08	20:25:00	66.5	69.0	56.5
26-Feb-08	20:30:00	66.8	68.5	57.5
26-Feb-08	20:35:00	64.7	67.5	55.5
26-Feb-08	20:40:00	65.8	68.5	55.5
26-Feb-08	20:45:00	65.0	67.5	57.0
26-Feb-08	20:50:00	64.4	67.5	55.0
26-Feb-08	20:55:00	64.9	67.5	56.5
26-Feb-08	21:00:00	65.5	67.5	57.0
26-Feb-08	21:05:00	64.3	67.0	56.5
26-Feb-08	21:10:00	66.6	70.5	57.0
26-Feb-08	21:15:00	62.7	66.0	54.5
26-Feb-08	21:20:00	64.5	67.0	55.0
26-Feb-08	21:25:00	63.8	67.5	55.0
26-Feb-08	21:30:00	63.9	67.0	54.5
26-Feb-08	21:35:00	67.3	70.5	55.5
26-Feb-08	21:40:00	65.1	67.5	55.5
26-Feb-08	21:45:00	65.6	68.0	56.0
26-Feb-08	21:50:00	65.4	68.5	55.0
26-Feb-08	21:55:00	63.8	66.5	55.0
26-Feb-08	22:00:00	65.7	69.0	55.5
26-Feb-08	22:05:00	62.6	65.5	55.5
26-Feb-08	22:10:00	64.9	67.5	55.5
26-Feb-08	22:15:00	64.3	67.0	58.0
26-Feb-08	22:20:00	64.4	67.5	56.5
26-Feb-08	22:25:00	65.8	68.0	56.0
26-Feb-08	22:30:00	65.2	67.0	55.0
26-Feb-08	22:35:00	65.3	67.5	56.0
26-Feb-08	22:40:00	63.4	66.5	56.5
26-Feb-08	22:45:00	64.4	67.5	54.5
26-Feb-08	22:50:00	64.8	68.0	55.0
26-Feb-08	22:55:00	64.4	68.5	55.0

Mean 65.6 68.3 57.2  
Maximum 68.2 71.0 61.5  
Minimum 62.6 65.5 54.5

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
27-Feb-08	19:00:00	66.7	69.0	61.5
27-Feb-08	19:05:00	65.9	68.5	58.5
27-Feb-08	19:10:00	67.7	70.5	61.5
27-Feb-08	19:15:00	66.6	68.5	59.5
27-Feb-08	19:20:00	67.6	69.5	60.5
27-Feb-08	19:25:00	65.6	67.5	58.5
27-Feb-08	19:30:00	66.8	69.0	59.0
27-Feb-08	19:35:00	67.6	70.5	59.0
27-Feb-08	19:40:00	67.2	69.0	58.0
27-Feb-08	19:45:00	67.9	70.5	60.5
27-Feb-08	19:50:00	65.8	69.0	58.0
27-Feb-08	19:55:00	65.8	68.5	58.5
27-Feb-08	20:00:00	67.5	70.0	58.5
27-Feb-08	20:05:00	66.1	68.0	57.0
27-Feb-08	20:10:00	67.7	69.5	58.0
27-Feb-08	20:15:00	65.8	68.5	56.5
27-Feb-08	20:20:00	65.3	68.5	57.5
27-Feb-08	20:25:00	64.9	68.0	56.0
27-Feb-08	20:30:00	65.1	68.5	57.5
27-Feb-08	20:35:00	64.6	67.0	57.5
27-Feb-08	20:40:00	66.5	67.5	57.0
27-Feb-08	20:45:00	66.3	69.5	57.5
27-Feb-08	20:50:00	66.3	69.5	56.5
27-Feb-08	20:55:00	66.3	69.5	57.0
27-Feb-08	21:00:00	66.7	70.0	56.5
27-Feb-08	21:05:00	62.7	66.5	56.0
27-Feb-08	21:10:00	67.4	70.5	56.5
27-Feb-08	21:15:00	66.2	68.5	56.5
27-Feb-08	21:20:00	65.1	68.0	57.0
27-Feb-08	21:25:00	65.7	68.0	57.5
27-Feb-08	21:30:00	65.8	70.0	57.0
27-Feb-08	21:35:00	65.1	68.0	57.0
27-Feb-08	21:40:00	68.8	69.0	56.5
27-Feb-08	21:45:00	64.5	68.0	56.5
27-Feb-08	21:50:00	65.8	68.5	57.5
27-Feb-08	21:55:00	63.6	67.0	56.0
27-Feb-08	22:00:00	66.1	68.5	58.0
27-Feb-08	22:05:00	64.1	67.0	56.5
27-Feb-08	22:10:00	65.5	68.0	56.5
27-Feb-08	22:15:00	65.8	68.5	57.0
27-Feb-08	22:20:00	64.6	67.5	57.0
27-Feb-08	22:25:00	63.8	67.0	57.0
27-Feb-08	22:30:00	66.6	68.5	57.5
27-Feb-08	22:35:00	65.9	68.5	57.0
27-Feb-08	22:40:00	65.5	68.0	57.5
27-Feb-08	22:45:00	65.2	68.0	57.0
27-Feb-08	22:50:00	65.0	68.5	56.0
27-Feb-08	22:55:00	63.8	67.5	56.5

Mean 66.1 68.7 57.8  
Maximum 68.8 70.5 61.5  
Minimum 62.7 66.5 56.0

**Evening Time and Holiday Noise Level at NC1,  
2/F outside the window facing to construction site\***

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
28-Feb-08	19:00:00	68.4	70.0	63.5
28-Feb-08	19:05:00	67.5	69.5	61.5
28-Feb-08	19:10:00	66.2	68.5	61.5
28-Feb-08	19:15:00	66.9	69.0	61.5
28-Feb-08	19:20:00	66.4	69.0	59.5
28-Feb-08	19:25:00	66.1	68.5	59.5
28-Feb-08	19:30:00	66.5	69.0	60.0
28-Feb-08	19:35:00	65.9	68.5	60.0
28-Feb-08	19:40:00	67.6	71.0	60.0
28-Feb-08	19:45:00	65.3	69.0	56.0
28-Feb-08	19:50:00	67.0	68.0	56.5
28-Feb-08	19:55:00	66.9	69.5	56.5
28-Feb-08	20:00:00	67.6	70.0	56.0
28-Feb-08	20:05:00	64.6	68.0	56.5
28-Feb-08	20:10:00	66.5	69.5	56.5
28-Feb-08	20:15:00	67.3	69.5	57.0
28-Feb-08	20:20:00	66.9	68.5	58.5
28-Feb-08	20:25:00	64.7	67.0	56.5
28-Feb-08	20:30:00	66.3	67.0	56.5
28-Feb-08	20:35:00	66.9	69.5	57.0
28-Feb-08	20:40:00	63.5	67.5	56.0
28-Feb-08	20:45:00	65.1	68.0	57.5
28-Feb-08	20:50:00	65.6	69.0	57.0
28-Feb-08	20:55:00	66.2	68.0	56.5
28-Feb-08	21:00:00	63.8	67.0	56.0
28-Feb-08	21:05:00	66.5	68.5	56.0
28-Feb-08	21:10:00	64.6	68.0	56.0
28-Feb-08	21:15:00	63.8	67.5	56.5
28-Feb-08	21:20:00	66.3	70.5	57.0
28-Feb-08	21:25:00	63.9	67.0	56.5
28-Feb-08	21:30:00	66.1	68.5	56.5
28-Feb-08	21:35:00	64.3	67.5	56.0
28-Feb-08	21:40:00	65.0	68.5	56.5
28-Feb-08	21:45:00	66.1	69.5	56.0
28-Feb-08	21:50:00	64.3	67.5	56.5
28-Feb-08	21:55:00	65.2	68.5	56.0
28-Feb-08	22:00:00	65.2	68.0	57.5
28-Feb-08	22:05:00	65.7	68.5	57.0
28-Feb-08	22:10:00	64.3	67.5	56.5
28-Feb-08	22:15:00	63.7	67.0	56.5
28-Feb-08	22:20:00	65.4	69.0	57.5
28-Feb-08	22:25:00	65.1	68.0	56.0
28-Feb-08	22:30:00	65.1	68.0	56.0
28-Feb-08	22:35:00	63.6	66.5	56.5
28-Feb-08	22:40:00	65.1	68.0	56.0
28-Feb-08	22:45:00	64.8	68.0	56.0
28-Feb-08	22:50:00	63.4	66.5	56.0
28-Feb-08	22:55:00	64.4	67.0	56.0

Mean 65.8 68.5 57.8  
 Maximum 68.4 71.0 63.5  
 Minimum 63.4 66.5 56.0

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
29-Feb-08	19:00:00	67.6	70.5	62.0
29-Feb-08	19:05:00	67.0	69.0	61.0
29-Feb-08	19:10:00	67.2	69.0	61.0
29-Feb-08	19:15:00	67.3	69.5	62.5
29-Feb-08	19:20:00	68.8	72.0	61.5
29-Feb-08	19:25:00	65.1	67.5	59.0
29-Feb-08	19:30:00	65.7	68.5	57.5
29-Feb-08	19:35:00	67.3	70.5	60.5
29-Feb-08	19:40:00	64.8	67.5	57.5
29-Feb-08	19:45:00	65.5	69.0	56.5
29-Feb-08	19:50:00	69.6	71.5	59.5
29-Feb-08	19:55:00	68.0	70.5	59.0
29-Feb-08	20:00:00	66.3	68.5	59.0
29-Feb-08	20:05:00	64.4	68.5	56.0
29-Feb-08	20:10:00	66.3	69.5	57.5
29-Feb-08	20:15:00	63.6	67.0	56.5
29-Feb-08	20:20:00	67.0	70.5	57.0
29-Feb-08	20:25:00	64.9	67.5	57.5
29-Feb-08	20:30:00	63.5	67.5	56.0
29-Feb-08	20:35:00	65.9	68.0	56.5
29-Feb-08	20:40:00	64.7	67.0	55.5
29-Feb-08	20:45:00	64.9	68.0	56.5
29-Feb-08	20:50:00	67.0	70.0	56.5
29-Feb-08	20:55:00	64.8	68.0	56.5
29-Feb-08	21:00:00	64.2	68.0	55.0
29-Feb-08	21:05:00	64.7	67.5	55.5
29-Feb-08	21:10:00	64.5	68.0	57.0
29-Feb-08	21:15:00	65.1	67.5	57.0
29-Feb-08	21:20:00	64.4	68.0	56.0
29-Feb-08	21:25:00	63.7	66.5	55.5
29-Feb-08	21:30:00	67.0	70.0	58.0
29-Feb-08	21:35:00	65.6	67.0	56.5
29-Feb-08	21:40:00	64.7	67.0	55.5
29-Feb-08	21:45:00	64.9	67.0	56.0
29-Feb-08	21:50:00	64.7	67.5	55.5
29-Feb-08	21:55:00	66.9	69.0	55.5
29-Feb-08	22:00:00	64.2	67.0	56.0
29-Feb-08	22:05:00	63.0	66.0	55.5
29-Feb-08	22:10:00	67.0	70.5	56.5
29-Feb-08	22:15:00	63.9	67.0	56.5
29-Feb-08	22:20:00	64.4	67.5	56.0
29-Feb-08	22:25:00	67.5	71.0	57.5
29-Feb-08	22:30:00	64.6	67.5	57.5
29-Feb-08	22:35:00	64.8	68.5	56.0
29-Feb-08	22:40:00	64.1	67.0	57.0
29-Feb-08	22:45:00	65.0	68.0	56.0
29-Feb-08	22:50:00	66.4	67.5	57.5
29-Feb-08	22:55:00	64.9	68.0	56.5

Mean 65.8 68.7 57.8  
 Maximum 69.6 72.0 62.5  
 Minimum 63.0 66.0 55.0

Evening Time and Holiday Noise Level at NC1, 2/F outside the window facing to construction site*			
	Leq	L10	L90
Mean	65.8	68.5	57.1
Max	76.3	74.0	66.5
Min	63.6	67.0	56.0

### Evening Time and Holiday Noise Level at NC2 The Legend\*

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
12-Feb-08	19:02:00	60.1	62.1	56.1
12-Feb-08	19:07:00	59.0	61.1	55.3
12-Feb-08	19:12:00	62.5	63.8	55.1
12-Feb-08	19:17:00	59.3	62.2	54.7
12-Feb-08	19:22:00	59.3	61.7	55.7
12-Feb-08	19:27:00	60.5	63.0	55.6
12-Feb-08	19:32:00	58.2	60.3	55.0
12-Feb-08	19:37:00	59.9	62.1	56.4
12-Feb-08	19:42:00	58.5	61.8	54.4
12-Feb-08	19:47:00	58.1	60.8	54.2
12-Feb-08	19:52:00	57.3	59.7	52.8
12-Feb-08	19:57:00	59.4	62.3	54.6
12-Feb-08	20:02:00	60.8	62.6	55.4
12-Feb-08	20:07:00	57.8	61.1	52.7
12-Feb-08	20:12:00	57.8	60.6	52.3
12-Feb-08	20:17:00	58.3	61.6	51.4
12-Feb-08	20:22:00	58.3	60.5	54.4
12-Feb-08	20:27:00	58.5	61.6	51.7
12-Feb-08	20:32:00	60.9	64.6	53.9
12-Feb-08	20:37:00	58.7	60.8	52.9
12-Feb-08	20:42:00	56.8	59.2	53.2
12-Feb-08	20:47:00	60.4	63.5	54.9
12-Feb-08	20:52:00	59.8	61.6	53.8
12-Feb-08	20:57:00	57.7	60.3	53.9
12-Feb-08	21:02:00	57.3	60.4	52.1
12-Feb-08	21:07:00	57.5	60.2	53.4
12-Feb-08	21:12:00	57.0	59.6	53.3
12-Feb-08	21:17:00	57.0	59.7	51.5
12-Feb-08	21:22:00	57.7	60.7	53.1
12-Feb-08	21:27:00	57.2	59.8	52.4
12-Feb-08	21:32:00	56.3	59.2	51.2
12-Feb-08	21:37:00	57.0	59.2	53.7
12-Feb-08	21:42:00	58.1	60.4	53.9
12-Feb-08	21:47:00	57.5	60.4	52.4
12-Feb-08	21:52:00	57.7	60.7	50.8
12-Feb-08	21:57:00	56.5	59.2	52.1
12-Feb-08	22:02:00	60.1	63.9	53.0
12-Feb-08	22:07:00	57.8	60.4	53.0
12-Feb-08	22:12:00	59.1	62.3	53.3
12-Feb-08	22:17:00	56.6	59.4	52.7
12-Feb-08	22:22:00	55.9	58.0	52.0
12-Feb-08	22:27:00	58.4	61.2	52.1
12-Feb-08	22:32:00	59.2	62.6	53.5
12-Feb-08	22:37:00	57.1	60.3	51.4
12-Feb-08	22:42:00	57.9	60.5	53.2
12-Feb-08	22:47:00	60.7	63.3	52.5
12-Feb-08	22:52:00	55.2	57.8	50.4
12-Feb-08	22:57:00	58.1	61.2	52.6

Mean	58.6	61.3	53.6
Maximum	62.5	64.6	56.4
Minimum	55.2	57.8	50.4

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
13-Feb-08	19:02:00	62.5	65.2	56.5
13-Feb-08	19:07:00	60.6	62.7	56.6
13-Feb-08	19:12:00	59.6	61.4	57.0
13-Feb-08	19:17:00	59.4	61.3	56.0
13-Feb-08	19:22:00	61.8	65.0	57.1
13-Feb-08	19:27:00	61.8	64.7	55.2
13-Feb-08	19:32:00	60.3	63.4	55.1
13-Feb-08	19:37:00	61.3	64.3	55.6
13-Feb-08	19:42:00	60.1	62.7	56.3
13-Feb-08	19:47:00	59.7	62.0	54.9
13-Feb-08	19:52:00	59.1	61.5	54.8
13-Feb-08	19:57:00	62.9	66.3	56.6
13-Feb-08	20:02:00	57.9	60.2	54.1
13-Feb-08	20:07:00	59.0	61.5	54.4
13-Feb-08	20:12:00	58.1	60.1	55.1
13-Feb-08	20:17:00	59.6	61.5	56.5
13-Feb-08	20:22:00	58.4	60.8	54.8
13-Feb-08	20:27:00	58.4	60.8	53.2
13-Feb-08	20:32:00	58.3	60.7	54.5
13-Feb-08	20:37:00	57.9	60.7	53.7
13-Feb-08	20:42:00	57.6	60.4	53.6
13-Feb-08	20:47:00	59.3	62.3	54.3
13-Feb-08	20:52:00	58.2	60.6	54.4
13-Feb-08	20:57:00	57.2	59.5	53.8
13-Feb-08	21:02:00	57.0	59.5	52.7
13-Feb-08	21:07:00	58.5	61.1	54.4
13-Feb-08	21:12:00	57.3	59.3	53.9
13-Feb-08	21:17:00	58.1	60.9	54.3
13-Feb-08	21:22:00	57.4	60.1	53.5
13-Feb-08	21:27:00	57.7	60.0	54.0
13-Feb-08	21:32:00	60.4	62.4	53.9
13-Feb-08	21:37:00	58.2	61.1	54.0
13-Feb-08	21:42:00	57.9	61.3	52.9
13-Feb-08	21:47:00	58.8	62.1	53.6
13-Feb-08	21:52:00	57.7	60.1	53.5
13-Feb-08	21:57:00	58.4	60.8	53.6
13-Feb-08	22:02:00	57.1	59.3	53.0
13-Feb-08	22:07:00	57.3	59.8	54.0
13-Feb-08	22:12:00	60.1	63.7	53.2
13-Feb-08	22:17:00	58.2	61.0	52.8
13-Feb-08	22:22:00	57.4	60.3	52.9
13-Feb-08	22:27:00	57.5	60.6	52.4
13-Feb-08	22:32:00	56.9	59.1	53.0
13-Feb-08	22:37:00	57.5	59.6	53.6
13-Feb-08	22:42:00	58.2	60.6	54.1
13-Feb-08	22:47:00	57.0	59.5	51.9
13-Feb-08	22:52:00	57.2	59.8	52.3
13-Feb-08	22:57:00	57.1	60.1	52.5

Mean	59.0	61.7	54.5
Maximum	62.9	66.3	57.1
Minimum	56.9	59.1	51.9



## Evening Time and Holiday Noise Level at NC2 The Legend\*

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
14-Feb-08	19:02:00	59.1	61.5	55.9
14-Feb-08	19:07:00	60.0	62.6	55.8
14-Feb-08	19:12:00	61.7	65.2	57.1
14-Feb-08	19:17:00	60.0	63.1	56.0
14-Feb-08	19:22:00	60.8	63.2	56.9
14-Feb-08	19:27:00	59.4	61.5	55.1
14-Feb-08	19:32:00	60.2	62.6	55.7
14-Feb-08	19:37:00	63.6	68.0	56.3
14-Feb-08	19:42:00	61.4	63.8	56.6
14-Feb-08	19:47:00	58.4	60.7	54.9
14-Feb-08	19:52:00	58.4	60.7	54.1
14-Feb-08	19:57:00	59.7	62.4	55.5
14-Feb-08	20:02:00	58.3	60.4	55.1
14-Feb-08	20:07:00	61.0	62.5	54.8
14-Feb-08	20:12:00	61.0	62.3	55.5
14-Feb-08	20:17:00	60.1	62.5	56.6
14-Feb-08	20:22:00	60.9	64.0	53.7
14-Feb-08	20:27:00	57.1	59.5	54.1
14-Feb-08	20:32:00	58.7	62.7	53.0
14-Feb-08	20:37:00	56.7	59.5	53.0
14-Feb-08	20:42:00	58.2	60.3	55.3
14-Feb-08	20:47:00	59.2	61.5	52.6
14-Feb-08	20:52:00	58.1	60.9	53.2
14-Feb-08	20:57:00	57.9	60.3	54.6
14-Feb-08	21:02:00	56.8	59.7	53.0
14-Feb-08	21:07:00	59.0	61.8	53.6
14-Feb-08	21:12:00	57.0	59.4	52.6
14-Feb-08	21:17:00	56.9	59.7	51.4
14-Feb-08	21:22:00	57.3	59.6	52.8
14-Feb-08	21:27:00	57.4	59.1	53.2
14-Feb-08	21:32:00	57.0	60.0	53.0
14-Feb-08	21:37:00	56.3	58.5	52.6
14-Feb-08	21:42:00	58.5	61.1	52.3
14-Feb-08	21:47:00	56.2	58.8	51.2
14-Feb-08	21:52:00	57.0	59.8	53.0
14-Feb-08	21:57:00	59.6	63.2	53.7
14-Feb-08	22:02:00	57.4	59.9	53.4
14-Feb-08	22:07:00	57.5	60.2	52.8
14-Feb-08	22:12:00	57.6	59.4	53.9
14-Feb-08	22:17:00	55.5	57.6	52.3
14-Feb-08	22:22:00	57.4	60.3	53.0
14-Feb-08	22:27:00	56.6	58.9	52.7
14-Feb-08	22:32:00	56.2	59.0	52.8
14-Feb-08	22:37:00	55.5	57.8	52.0
14-Feb-08	22:42:00	56.8	59.1	53.3
14-Feb-08	22:47:00	56.3	59.6	51.9
14-Feb-08	22:52:00	56.0	58.7	52.3
14-Feb-08	22:57:00	56.0	58.7	52.4

Mean      58.7      61.4      54.2  
 Maximum   63.6      68.0      57.1  
 Minimum   55.5      57.6      51.2

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
15-Feb-08	19:02:00	61.0	62.8	58.7
15-Feb-08	19:07:00	60.1	61.5	58.4
15-Feb-08	19:12:00	60.4	62.1	58.2
15-Feb-08	19:17:00	60.5	62.5	58.1
15-Feb-08	19:22:00	58.6	60.6	55.6
15-Feb-08	19:27:00	58.4	60.4	55.9
15-Feb-08	19:32:00	58.8	60.9	55.8
15-Feb-08	19:37:00	59.0	61.3	55.0
15-Feb-08	19:42:00	58.0	59.8	54.7
15-Feb-08	19:47:00	60.1	62.7	55.3
15-Feb-08	19:52:00	58.2	60.0	55.3
15-Feb-08	19:57:00	58.0	60.2	54.9
15-Feb-08	20:02:00	58.3	60.4	55.0
15-Feb-08	20:07:00	57.8	60.3	54.3
15-Feb-08	20:12:00	57.4	59.3	54.7
15-Feb-08	20:17:00	57.8	60.6	54.0
15-Feb-08	20:22:00	57.9	60.4	53.5
15-Feb-08	20:27:00	58.3	60.6	54.4
15-Feb-08	20:32:00	57.2	59.6	53.9
15-Feb-08	20:37:00	57.3	59.7	54.1
15-Feb-08	20:42:00	58.0	60.3	54.6
15-Feb-08	20:47:00	56.6	58.9	53.5
15-Feb-08	20:52:00	57.7	60.3	53.7
15-Feb-08	20:57:00	57.2	59.1	54.6
15-Feb-08	21:02:00	56.9	59.4	53.9
15-Feb-08	21:07:00	58.4	61.2	55.0
15-Feb-08	21:12:00	56.0	58.2	52.3
15-Feb-08	21:17:00	56.5	58.7	53.1
15-Feb-08	21:22:00	55.9	58.4	52.4
15-Feb-08	21:27:00	60.7	63.5	53.5
15-Feb-08	21:32:00	58.9	62.1	53.6
15-Feb-08	21:37:00	58.5	61.4	53.9
15-Feb-08	21:42:00	57.5	59.8	52.9
15-Feb-08	21:47:00	57.1	59.7	52.9
15-Feb-08	21:52:00	57.0	59.2	53.0
15-Feb-08	21:57:00	60.4	63.0	54.5
15-Feb-08	22:02:00	55.4	57.7	52.1
15-Feb-08	22:07:00	56.9	58.9	53.2
15-Feb-08	22:12:00	57.9	60.4	54.2
15-Feb-08	22:17:00	58.3	60.7	53.6
15-Feb-08	22:22:00	57.8	60.2	54.0
15-Feb-08	22:27:00	57.6	60.3	53.2
15-Feb-08	22:32:00	56.5	58.1	54.0
15-Feb-08	22:37:00	55.7	57.6	53.2
15-Feb-08	22:42:00	57.1	59.7	51.5
15-Feb-08	22:47:00	56.3	58.8	52.6
15-Feb-08	22:52:00	59.5	61.6	52.6
15-Feb-08	22:57:00	57.7	60.6	54.4

Mean      58.2      60.5      54.6  
 Maximum   61.0      63.5      58.7  
 Minimum   55.4      57.6      51.5

### Evening Time and Holiday Noise Level at NC2 The Legend\*

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
16-Feb-08	19:02:00	57.3	59.5	54.0
16-Feb-08	19:07:00	59.1	61.5	55.1
16-Feb-08	19:12:00	60.2	62.2	56.3
16-Feb-08	19:17:00	59.0	60.8	55.2
16-Feb-08	19:22:00	60.7	64.6	55.5
16-Feb-08	19:27:00	59.7	62.0	56.5
16-Feb-08	19:32:00	58.4	60.5	55.1
16-Feb-08	19:37:00	60.0	61.4	55.5
16-Feb-08	19:42:00	61.2	64.3	55.4
16-Feb-08	19:47:00	59.0	61.7	54.7
16-Feb-08	19:52:00	59.6	62.1	55.7
16-Feb-08	19:57:00	62.1	66.2	56.8
16-Feb-08	20:02:00	59.5	62.7	53.7
16-Feb-08	20:07:00	57.1	59.7	53.1
16-Feb-08	20:12:00	57.9	60.4	53.6
16-Feb-08	20:17:00	56.9	59.5	53.4
16-Feb-08	20:22:00	57.8	59.7	53.1
16-Feb-08	20:27:00	58.7	61.5	53.7
16-Feb-08	20:32:00	58.5	61.6	53.3
16-Feb-08	20:37:00	56.8	58.7	53.7
16-Feb-08	20:42:00	57.5	60.0	53.3
16-Feb-08	20:47:00	58.7	62.4	53.0
16-Feb-08	20:52:00	60.1	62.4	55.7
16-Feb-08	20:57:00	59.2	62.1	54.7
16-Feb-08	21:02:00	56.9	59.7	53.0
16-Feb-08	21:07:00	56.5	59.0	52.6
16-Feb-08	21:12:00	58.6	62.3	53.1
16-Feb-08	21:17:00	57.2	59.6	54.0
16-Feb-08	21:22:00	60.5	62.9	54.4
16-Feb-08	21:27:00	56.6	59.3	52.5
16-Feb-08	21:32:00	57.6	60.7	52.3
16-Feb-08	21:37:00	58.1	59.8	53.0
16-Feb-08	21:42:00	58.2	61.0	53.8
16-Feb-08	21:47:00	56.9	59.2	53.2
16-Feb-08	21:52:00	59.1	62.3	53.4
16-Feb-08	21:57:00	56.5	58.7	53.0
16-Feb-08	22:02:00	57.6	59.9	54.3
16-Feb-08	22:07:00	57.1	59.6	53.2
16-Feb-08	22:12:00	57.8	60.5	52.2
16-Feb-08	22:17:00	57.1	59.4	53.0
16-Feb-08	22:22:00	57.7	59.7	54.4
16-Feb-08	22:27:00	58.6	60.6	55.3
16-Feb-08	22:32:00	57.5	59.8	54.0
16-Feb-08	22:37:00	58.7	61.2	54.6
16-Feb-08	22:42:00	57.7	59.8	53.2
16-Feb-08	22:47:00	58.2	60.6	54.2
16-Feb-08	22:52:00	57.8	60.3	53.7
16-Feb-08	22:57:00	58.0	60.0	53.9

Mean	58.6	61.2	54.2
Maximum	62.1	66.2	56.8
Minimum	56.5	58.7	52.2

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
17-Feb-08	7:02:00	55.0	58.2	50.9
17-Feb-08	7:07:00	53.7	56.4	50.1
17-Feb-08	7:12:00	56.7	59.9	51.3
17-Feb-08	7:17:00	53.9	56.2	50.8
17-Feb-08	7:22:00	59.0	62.0	52.2
17-Feb-08	7:27:00	55.8	58.7	51.3
17-Feb-08	7:32:00	55.9	59.2	51.5
17-Feb-08	7:37:00	56.5	59.8	51.2
17-Feb-08	7:42:00	57.4	60.1	53.3
17-Feb-08	7:47:00	56.6	59.7	51.7
17-Feb-08	7:52:00	55.1	58.3	50.7
17-Feb-08	7:57:00	55.9	58.7	51.1
17-Feb-08	8:02:00	55.8	57.7	50.9
17-Feb-08	8:07:00	54.2	56.6	50.8
17-Feb-08	8:12:00	58.5	59.2	49.9
17-Feb-08	8:17:00	56.8	59.6	51.8
17-Feb-08	8:22:00	55.8	59.2	52.0
17-Feb-08	8:27:00	57.9	61.9	51.5
17-Feb-08	8:32:00	59.4	63.7	51.6
17-Feb-08	8:37:00	57.1	60.6	52.4
17-Feb-08	8:42:00	57.2	60.3	52.5
17-Feb-08	8:47:00	56.2	59.5	52.8
17-Feb-08	8:52:00	56.8	59.2	53.0
17-Feb-08	8:57:00	56.8	59.9	52.8
17-Feb-08	9:02:00	55.8	58.8	51.3
17-Feb-08	9:07:00	56.6	59.8	52.4
17-Feb-08	9:12:00	56.8	59.2	52.6
17-Feb-08	9:17:00	58.4	62.0	52.4
17-Feb-08	9:22:00	58.5	63.0	51.9
17-Feb-08	9:27:00	56.5	59.0	52.3
17-Feb-08	9:32:00	59.1	61.7	51.6
17-Feb-08	9:37:00	59.7	62.6	53.2
17-Feb-08	9:42:00	58.9	62.4	53.2
17-Feb-08	9:47:00	58.9	61.5	52.1
17-Feb-08	9:52:00	56.6	58.8	53.2
17-Feb-08	9:57:00	60.1	62.8	55.9
17-Feb-08	10:02:00	64.6	66.8	61.2
17-Feb-08	10:07:00	64.1	66.2	61.5
17-Feb-08	10:12:00	60.1	62.5	55.4
17-Feb-08	10:17:00	60.3	62.6	55.9
17-Feb-08	10:22:00	62.3	65.4	57.3
17-Feb-08	10:27:00	60.2	63.3	55.1
17-Feb-08	10:32:00	57.9	60.3	54.0
17-Feb-08	10:37:00	57.0	59.8	52.6
17-Feb-08	10:42:00	57.6	60.7	53.1
17-Feb-08	10:47:00	59.1	61.8	54.8
17-Feb-08	10:52:00	59.3	62.5	52.6
17-Feb-08	10:57:00	57.2	60.5	53.3

### Evening Time and Holiday Noise Level at NC2 The Legend\*

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
17-Feb-08	11:02:00	59.1	61.8	53.9
17-Feb-08	11:07:00	57.5	59.7	52.9
17-Feb-08	11:12:00	58.4	60.8	53.2
17-Feb-08	11:17:00	58.6	60.8	54.8
17-Feb-08	11:22:00	59.1	61.8	54.1
17-Feb-08	11:27:00	58.6	61.5	53.4
17-Feb-08	11:32:00	60.2	63.4	54.3
17-Feb-08	11:37:00	59.5	62.1	54.4
17-Feb-08	11:42:00	59.9	62.9	55.3
17-Feb-08	11:47:00	59.5	62.5	55.0
17-Feb-08	11:52:00	57.8	60.8	53.3
17-Feb-08	11:57:00	59.3	62.0	54.9
17-Feb-08	12:02:00	58.7	61.3	54.6
17-Feb-08	12:07:00	67.1	68.4	54.0
17-Feb-08	12:12:00	57.6	60.6	52.1
17-Feb-08	12:17:00	57.9	60.2	53.7
17-Feb-08	12:22:00	58.0	60.5	53.3
17-Feb-08	12:27:00	59.6	63.0	54.5
17-Feb-08	12:32:00	58.0	60.5	54.9
17-Feb-08	12:37:00	57.3	59.2	54.8
17-Feb-08	12:42:00	59.1	61.8	55.1
17-Feb-08	12:47:00	59.1	61.8	54.5
17-Feb-08	12:52:00	55.8	58.3	52.5
17-Feb-08	12:57:00	56.7	59.7	52.8
17-Feb-08	13:02:00	60.0	64.1	53.8
17-Feb-08	13:07:00	57.6	60.5	53.3
17-Feb-08	13:12:00	57.8	60.4	52.5
17-Feb-08	13:17:00	58.1	60.8	54.1
17-Feb-08	13:22:00	57.9	60.4	53.8
17-Feb-08	13:27:00	59.1	62.2	53.6
17-Feb-08	13:32:00	59.1	61.6	54.9
17-Feb-08	13:37:00	59.3	61.5	54.7
17-Feb-08	13:42:00	58.6	61.1	54.3
17-Feb-08	13:47:00	59.0	61.5	54.1
17-Feb-08	13:52:00	58.0	60.8	53.7
17-Feb-08	13:57:00	58.9	61.4	54.7
17-Feb-08	14:02:00	61.7	65.3	55.5
17-Feb-08	14:07:00	59.1	62.0	54.7
17-Feb-08	14:12:00	57.9	60.8	53.1
17-Feb-08	14:17:00	61.8	65.0	55.4
17-Feb-08	14:22:00	59.5	62.7	53.6
17-Feb-08	14:27:00	58.6	60.9	54.8
17-Feb-08	14:32:00	58.1	61.2	53.4
17-Feb-08	14:37:00	60.1	62.2	55.6
17-Feb-08	14:42:00	58.9	61.5	55.2
17-Feb-08	14:47:00	57.3	59.4	54.3
17-Feb-08	14:52:00	57.6	60.0	54.1
17-Feb-08	14:57:00	57.6	59.8	54.0

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
17-Feb-08	15:02:00	57.9	60.0	54.2
17-Feb-08	15:07:00	55.9	58.0	52.8
17-Feb-08	15:12:00	57.6	59.8	53.3
17-Feb-08	15:17:00	56.9	59.0	54.0
17-Feb-08	15:22:00	60.3	62.6	55.9
17-Feb-08	15:27:00	57.8	60.8	53.4
17-Feb-08	15:32:00	58.9	61.2	55.2
17-Feb-08	15:37:00	57.8	60.1	54.0
17-Feb-08	15:42:00	58.5	60.7	53.8
17-Feb-08	15:47:00	59.3	62.5	54.9
17-Feb-08	15:52:00	56.7	59.9	52.8
17-Feb-08	15:57:00	57.7	59.8	54.3
17-Feb-08	16:02:00	57.3	59.7	54.1
17-Feb-08	16:07:00	56.6	58.6	53.5
17-Feb-08	16:12:00	57.9	60.5	53.4
17-Feb-08	16:17:00	57.8	60.2	53.0
17-Feb-08	16:22:00	58.5	61.5	52.9
17-Feb-08	16:27:00	58.2	61.1	53.8
17-Feb-08	16:32:00	57.5	59.9	54.0
17-Feb-08	16:37:00	58.4	60.4	55.0
17-Feb-08	16:42:00	58.0	59.7	54.7
17-Feb-08	16:47:00	57.2	59.4	52.4
17-Feb-08	16:52:00	57.2	59.8	52.8
17-Feb-08	16:57:00	57.6	59.7	54.3
17-Feb-08	17:02:00	59.1	62.1	55.0
17-Feb-08	17:07:00	57.9	60.6	52.9
17-Feb-08	17:12:00	58.1	60.4	53.7
17-Feb-08	17:17:00	56.7	59.0	53.3
17-Feb-08	17:22:00	58.5	60.9	53.6
17-Feb-08	17:27:00	58.5	61.3	54.1
17-Feb-08	17:32:00	56.4	58.7	52.2
17-Feb-08	17:37:00	58.5	60.8	54.1
17-Feb-08	17:42:00	57.5	60.2	53.9
17-Feb-08	17:47:00	56.9	59.0	53.2
17-Feb-08	17:52:00	58.3	61.0	54.3
17-Feb-08	17:57:00	57.7	60.4	54.1
17-Feb-08	18:02:00	58.3	60.2	55.6
17-Feb-08	18:07:00	57.6	59.6	54.3
17-Feb-08	18:12:00	58.0	60.4	54.3
17-Feb-08	18:17:00	57.4	60.2	51.8
17-Feb-08	18:22:00	56.7	58.7	53.1
17-Feb-08	18:27:00	58.6	60.8	54.9
17-Feb-08	18:32:00	57.3	59.6	53.6
17-Feb-08	18:37:00	57.4	59.8	53.4
17-Feb-08	18:42:00	59.0	60.9	54.7
17-Feb-08	18:47:00	59.5	62.6	54.9
17-Feb-08	18:52:00	56.6	58.9	53.2
17-Feb-08	18:57:00	58.1	60.6	54.1

## Evening Time and Holiday Noise Level at NC2 The Legend\*

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
17-Feb-08	19:02:00	58.2	60.4	55.0
17-Feb-08	19:07:00	57.0	59.8	53.0
17-Feb-08	19:12:00	57.8	60.2	53.5
17-Feb-08	19:17:00	58.2	61.1	54.2
17-Feb-08	19:22:00	57.2	59.8	53.2
17-Feb-08	19:27:00	58.3	61.2	54.1
17-Feb-08	19:32:00	58.3	61.2	53.7
17-Feb-08	19:37:00	56.3	58.7	53.1
17-Feb-08	19:42:00	57.2	59.5	54.1
17-Feb-08	19:47:00	59.4	62.8	52.8
17-Feb-08	19:52:00	57.7	60.4	53.1
17-Feb-08	19:57:00	56.9	60.3	51.7
17-Feb-08	20:02:00	57.0	59.5	53.0
17-Feb-08	20:07:00	56.8	59.0	53.5
17-Feb-08	20:12:00	56.7	59.7	52.4
17-Feb-08	20:17:00	57.2	60.2	52.7
17-Feb-08	20:22:00	57.2	60.3	52.9
17-Feb-08	20:27:00	56.9	59.9	52.9
17-Feb-08	20:32:00	56.9	59.0	53.9
17-Feb-08	20:37:00	57.5	60.2	53.6
17-Feb-08	20:42:00	56.4	59.1	52.8
17-Feb-08	20:47:00	56.9	58.7	53.7
17-Feb-08	20:52:00	57.8	59.8	54.6
17-Feb-08	20:57:00	56.6	58.9	52.8
17-Feb-08	21:02:00	58.8	61.8	54.0
17-Feb-08	21:07:00	57.3	59.4	53.7
17-Feb-08	21:12:00	57.9	60.7	53.8
17-Feb-08	21:17:00	57.9	60.3	53.7
17-Feb-08	21:22:00	58.3	60.8	55.1
17-Feb-08	21:27:00	58.5	60.5	54.3
17-Feb-08	21:32:00	60.8	62.4	52.6
17-Feb-08	21:37:00	58.8	61.4	54.0
17-Feb-08	21:42:00	58.7	60.9	56.0
17-Feb-08	21:47:00	58.5	61.4	54.1
17-Feb-08	21:52:00	59.3	61.1	55.3
17-Feb-08	21:57:00	59.2	61.9	54.4
17-Feb-08	22:02:00	56.7	58.6	53.2
17-Feb-08	22:07:00	57.1	59.5	52.8
17-Feb-08	22:12:00	57.2	59.7	52.9
17-Feb-08	22:17:00	59.3	60.8	54.3
17-Feb-08	22:22:00	59.2	62.0	54.9
17-Feb-08	22:27:00	56.4	58.4	53.3
17-Feb-08	22:32:00	60.6	62.8	52.7
17-Feb-08	22:37:00	59.2	62.0	53.0
17-Feb-08	22:42:00	55.9	58.7	51.5
17-Feb-08	22:47:00	57.8	59.9	53.9
17-Feb-08	22:52:00	57.2	60.9	51.7
17-Feb-08	22:57:00	59.1	61.7	55.0

Mean      58.4      61.1      53.9  
 Maximum    67.1      68.4      61.5  
 Minimum    53.7      56.2      49.9

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
18-Feb-08	19:02:00	60.8	62.3	58.9
18-Feb-08	19:07:00	61.9	63.4	60.0
18-Feb-08	19:12:00	60.4	62.5	57.6
18-Feb-08	19:17:00	59.9	61.8	57.4
18-Feb-08	19:22:00	60.8	63.0	57.9
18-Feb-08	19:27:00	59.5	61.0	57.4
18-Feb-08	19:32:00	61.1	63.4	57.6
18-Feb-08	19:37:00	59.1	60.8	56.7
18-Feb-08	19:42:00	61.2	64.0	57.5
18-Feb-08	19:47:00	61.5	64.9	57.3
18-Feb-08	19:52:00	63.9	66.2	57.3
18-Feb-08	19:57:00	61.4	63.9	57.4
18-Feb-08	20:02:00	59.7	62.3	56.1
18-Feb-08	20:07:00	59.0	61.2	55.8
18-Feb-08	20:12:00	59.8	62.2	56.5
18-Feb-08	20:17:00	57.8	60.1	54.2
18-Feb-08	20:22:00	58.6	61.2	54.4
18-Feb-08	20:27:00	59.0	61.3	54.8
18-Feb-08	20:32:00	58.2	61.2	54.3
18-Feb-08	20:37:00	57.9	59.8	54.9
18-Feb-08	20:42:00	58.9	62.1	53.8
18-Feb-08	20:47:00	57.1	58.9	54.4
18-Feb-08	20:52:00	58.0	60.0	55.1
18-Feb-08	20:57:00	58.0	59.9	54.2
18-Feb-08	21:02:00	58.5	61.2	54.1
18-Feb-08	21:07:00	57.5	59.6	54.0
18-Feb-08	21:12:00	59.5	62.2	55.2
18-Feb-08	21:17:00	57.6	60.1	53.9
18-Feb-08	21:22:00	58.4	60.6	55.3
18-Feb-08	21:27:00	58.0	61.3	53.4
18-Feb-08	21:32:00	57.3	59.6	53.2
18-Feb-08	21:37:00	58.8	61.8	54.2
18-Feb-08	21:42:00	58.3	60.5	55.1
18-Feb-08	21:47:00	58.6	61.5	54.5
18-Feb-08	21:52:00	57.5	59.9	54.0
18-Feb-08	21:57:00	57.3	59.4	53.5
18-Feb-08	22:02:00	58.2	61.1	54.1
18-Feb-08	22:07:00	59.2	61.9	54.4
18-Feb-08	22:12:00	55.4	57.6	51.8
18-Feb-08	22:17:00	57.6	59.8	53.3
18-Feb-08	22:22:00	57.8	60.4	54.1
18-Feb-08	22:27:00	59.1	62.1	54.6
18-Feb-08	22:32:00	57.9	60.2	54.0
18-Feb-08	22:37:00	56.8	59.4	53.1
18-Feb-08	22:42:00	59.8	62.9	54.6
18-Feb-08	22:47:00	58.0	60.6	51.9
18-Feb-08	22:52:00	56.9	59.6	52.2
18-Feb-08	22:57:00	60.5	62.4	52.6

Mean      59.2      61.6      55.5  
 Maximum    63.9      66.2      60.0  
 Minimum    55.4      57.6      51.8

## Evening Time and Holiday Noise Level at NC2 The Legend\*

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
19-Feb-08	19:02:00	60.6	62.0	59.0
19-Feb-08	19:07:00	65.8	69.2	58.5
19-Feb-08	19:12:00	69.2	72.1	64.9
19-Feb-08	19:17:00	65.6	68.3	60.7
19-Feb-08	19:22:00	66.3	69.2	61.6
19-Feb-08	19:27:00	63.7	65.5	61.5
19-Feb-08	19:32:00	65.6	67.5	62.6
19-Feb-08	19:37:00	64.8	67.5	60.1
19-Feb-08	19:42:00	62.0	63.8	58.9
19-Feb-08	19:47:00	61.6	63.4	59.3
19-Feb-08	19:52:00	68.4	71.4	60.3
19-Feb-08	19:57:00	61.6	63.2	59.0
19-Feb-08	20:02:00	61.8	63.7	58.7
19-Feb-08	20:07:00	62.8	64.2	59.8
19-Feb-08	20:12:00	61.5	63.5	59.0
19-Feb-08	20:17:00	61.8	63.4	60.0
19-Feb-08	20:22:00	63.5	65.1	60.5
19-Feb-08	20:27:00	62.8	64.9	59.4
19-Feb-08	20:32:00	62.4	64.0	58.8
19-Feb-08	20:37:00	62.2	64.4	57.5
19-Feb-08	20:42:00	61.4	63.1	59.1
19-Feb-08	20:47:00	61.3	63.0	59.0
19-Feb-08	20:52:00	60.6	62.5	58.0
19-Feb-08	20:57:00	59.4	61.5	56.0
19-Feb-08	21:02:00	58.9	61.0	55.3
19-Feb-08	21:07:00	59.1	61.6	55.6
19-Feb-08	21:12:00	58.2	61.3	53.8
19-Feb-08	21:17:00	58.7	60.7	54.2
19-Feb-08	21:22:00	60.1	62.0	54.3
19-Feb-08	21:27:00	58.7	60.9	54.6
19-Feb-08	21:32:00	58.9	62.1	54.3
19-Feb-08	21:37:00	60.1	63.9	54.0
19-Feb-08	21:42:00	58.1	60.5	54.3
19-Feb-08	21:47:00	62.1	64.4	53.7
19-Feb-08	21:52:00	58.1	60.6	54.0
19-Feb-08	21:57:00	58.8	61.1	55.1
19-Feb-08	22:02:00	58.7	61.3	54.6
19-Feb-08	22:07:00	59.6	62.2	54.9
19-Feb-08	22:12:00	58.7	61.6	52.7
19-Feb-08	22:17:00	58.7	61.2	55.7
19-Feb-08	22:22:00	59.3	62.0	54.5
19-Feb-08	22:27:00	60.0	63.2	54.8
19-Feb-08	22:32:00	60.3	62.0	54.2
19-Feb-08	22:37:00	57.5	60.1	53.9
19-Feb-08	22:42:00	57.8	60.0	53.9
19-Feb-08	22:47:00	57.3	59.6	53.1
19-Feb-08	22:52:00	60.8	64.5	53.2
19-Feb-08	22:57:00	56.0	58.6	52.0

Mean	62.2	64.7	58.1
Maximum	69.2	72.1	64.9
Minimum	56.0	58.6	52.0

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
20-Feb-08	19:02:00	60.4	62.2	57.9
20-Feb-08	19:07:00	59.7	61.6	56.3
20-Feb-08	19:12:00	59.3	61.3	56.7
20-Feb-08	19:17:00	60.0	61.9	56.9
20-Feb-08	19:22:00	59.6	61.4	57.2
20-Feb-08	19:27:00	60.2	62.8	55.5
20-Feb-08	19:32:00	60.8	63.5	56.1
20-Feb-08	19:37:00	58.9	61.0	56.2
20-Feb-08	19:42:00	60.4	63.1	56.1
20-Feb-08	19:47:00	59.9	62.2	54.9
20-Feb-08	19:52:00	62.3	66.8	55.9
20-Feb-08	19:57:00	59.3	62.1	55.5
20-Feb-08	20:02:00	61.6	64.1	56.3
20-Feb-08	20:07:00	61.9	65.9	56.7
20-Feb-08	20:12:00	59.8	62.0	55.1
20-Feb-08	20:17:00	58.5	61.0	55.7
20-Feb-08	20:22:00	58.9	61.5	54.8
20-Feb-08	20:27:00	62.1	63.1	56.1
20-Feb-08	20:32:00	58.0	60.8	53.4
20-Feb-08	20:37:00	58.0	59.8	55.1
20-Feb-08	20:42:00	58.5	61.1	52.9
20-Feb-08	20:47:00	59.1	61.2	56.1
20-Feb-08	20:52:00	57.9	60.0	54.7
20-Feb-08	20:57:00	59.0	61.9	52.9
20-Feb-08	21:02:00	57.5	60.0	53.6
20-Feb-08	21:07:00	57.0	59.4	53.3
20-Feb-08	21:12:00	56.8	59.2	53.7
20-Feb-08	21:17:00	58.0	60.5	54.2
20-Feb-08	21:22:00	60.4	63.8	53.7
20-Feb-08	21:27:00	57.9	60.6	52.8
20-Feb-08	21:32:00	60.8	61.0	53.3
20-Feb-08	21:37:00	59.3	61.7	55.1
20-Feb-08	21:42:00	60.4	64.6	53.6
20-Feb-08	21:47:00	56.8	58.6	54.2
20-Feb-08	21:52:00	57.9	60.5	54.4
20-Feb-08	21:57:00	58.4	60.5	53.9
20-Feb-08	22:02:00	58.2	60.6	54.3
20-Feb-08	22:07:00	56.3	58.5	52.9
20-Feb-08	22:12:00	57.6	60.6	53.5
20-Feb-08	22:17:00	57.6	60.2	52.0
20-Feb-08	22:22:00	56.1	58.1	53.0
20-Feb-08	22:27:00	58.6	61.1	54.4
20-Feb-08	22:32:00	57.4	59.8	53.5
20-Feb-08	22:37:00	57.6	60.2	53.1
20-Feb-08	22:42:00	57.0	59.3	53.8
20-Feb-08	22:47:00	57.4	60.0	52.9
20-Feb-08	22:52:00	58.0	61.0	52.9
20-Feb-08	22:57:00	60.5	61.6	52.2

Mean	59.2	61.7	54.8
Maximum	62.3	66.8	57.9
Minimum	56.1	58.1	52.0

### Evening Time and Holiday Noise Level at NC2 The Legend\*

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
21-Feb-08	19:02:00	58.8	60.5	56.3
21-Feb-08	19:07:00	59.4	61.5	55.9
21-Feb-08	19:12:00	58.7	60.6	56.1
21-Feb-08	19:17:00	58.8	61.7	54.2
21-Feb-08	19:22:00	60.1	63.2	55.6
21-Feb-08	19:27:00	59.0	61.3	56.1
21-Feb-08	19:32:00	60.2	62.8	54.4
21-Feb-08	19:37:00	59.4	61.4	55.1
21-Feb-08	19:42:00	62.9	67.2	57.4
21-Feb-08	19:47:00	60.6	62.8	55.9
21-Feb-08	19:52:00	59.6	62.1	55.5
21-Feb-08	19:57:00	60.6	61.8	55.4
21-Feb-08	20:02:00	59.7	62.6	54.5
21-Feb-08	20:07:00	57.6	59.7	54.4
21-Feb-08	20:12:00	59.2	61.5	55.7
21-Feb-08	20:17:00	60.0	63.3	54.8
21-Feb-08	20:22:00	58.2	60.5	54.8
21-Feb-08	20:27:00	59.3	62.0	55.8
21-Feb-08	20:32:00	58.4	60.7	54.5
21-Feb-08	20:37:00	59.4	62.2	55.1
21-Feb-08	20:42:00	61.3	64.7	54.2
21-Feb-08	20:47:00	58.6	61.0	54.7
21-Feb-08	20:52:00	58.3	60.5	54.3
21-Feb-08	20:57:00	59.7	63.4	55.0
21-Feb-08	21:02:00	59.3	62.1	55.2
21-Feb-08	21:07:00	58.0	60.5	54.5
21-Feb-08	21:12:00	58.3	61.5	53.8
21-Feb-08	21:17:00	57.9	60.6	54.0
21-Feb-08	21:22:00	58.0	60.3	54.5
21-Feb-08	21:27:00	61.2	64.0	55.9
21-Feb-08	21:32:00	57.8	60.6	53.6
21-Feb-08	21:37:00	57.4	59.5	54.5
21-Feb-08	21:42:00	57.0	59.3	53.0
21-Feb-08	21:47:00	58.7	60.1	54.4
21-Feb-08	21:52:00	57.6	60.0	53.8
21-Feb-08	21:57:00	57.4	59.6	53.8
21-Feb-08	22:02:00	58.0	61.2	53.8
21-Feb-08	22:07:00	57.1	59.5	53.0
21-Feb-08	22:12:00	57.1	59.8	52.4
21-Feb-08	22:17:00	57.2	59.2	53.7
21-Feb-08	22:22:00	56.3	58.4	53.2
21-Feb-08	22:27:00	60.3	63.7	53.7
21-Feb-08	22:32:00	56.7	58.9	53.3
21-Feb-08	22:37:00	58.1	61.0	54.0
21-Feb-08	22:42:00	57.2	59.8	52.7
21-Feb-08	22:47:00	56.6	58.9	52.9
21-Feb-08	22:52:00	60.6	63.9	53.2
21-Feb-08	22:57:00	56.5	59.2	53.1

Mean      59.0      61.7      54.6  
 Maximum    62.9      67.2      57.4  
 Minimum    56.3      58.4      52.4

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
22-Feb-08	19:02:00	61.4	63.8	58.1
22-Feb-08	19:07:00	61.8	63.4	58.8
22-Feb-08	19:12:00	61.2	62.5	58.2
22-Feb-08	19:17:00	59.2	60.7	57.7
22-Feb-08	19:22:00	60.5	62.8	57.4
22-Feb-08	19:27:00	58.7	61.1	55.9
22-Feb-08	19:32:00	61.9	62.9	55.6
22-Feb-08	19:37:00	59.3	62.4	54.4
22-Feb-08	19:42:00	59.9	62.9	55.3
22-Feb-08	19:47:00	61.2	65.1	55.9
22-Feb-08	19:52:00	60.5	62.7	54.9
22-Feb-08	19:57:00	58.9	60.9	55.0
22-Feb-08	20:02:00	59.1	61.6	55.9
22-Feb-08	20:07:00	57.6	59.4	55.0
22-Feb-08	20:12:00	59.3	61.7	54.6
22-Feb-08	20:17:00	58.0	60.3	54.5
22-Feb-08	20:22:00	57.0	59.7	53.2
22-Feb-08	20:27:00	60.0	62.0	54.0
22-Feb-08	20:32:00	57.6	59.4	54.5
22-Feb-08	20:37:00	56.7	59.1	53.4
22-Feb-08	20:42:00	57.2	60.2	52.6
22-Feb-08	20:47:00	57.4	59.7	53.5
22-Feb-08	20:52:00	56.4	58.5	52.9
22-Feb-08	20:57:00	57.8	60.6	53.7
22-Feb-08	21:02:00	57.7	60.4	54.2
22-Feb-08	21:07:00	57.2	60.6	51.6
22-Feb-08	21:12:00	60.2	61.2	53.6
22-Feb-08	21:17:00	59.2	62.2	53.3
22-Feb-08	21:22:00	57.2	59.6	52.4
22-Feb-08	21:27:00	57.2	59.2	54.1
22-Feb-08	21:32:00	58.0	61.9	52.9
22-Feb-08	21:37:00	57.8	60.3	53.9
22-Feb-08	21:42:00	57.9	60.3	53.9
22-Feb-08	21:47:00	56.7	59.5	51.9
22-Feb-08	21:52:00	60.2	62.8	54.4
22-Feb-08	21:57:00	56.7	58.8	53.6
22-Feb-08	22:02:00	57.3	59.7	53.5
22-Feb-08	22:07:00	56.9	58.8	53.1
22-Feb-08	22:12:00	57.8	60.6	53.6
22-Feb-08	22:17:00	56.4	58.7	52.6
22-Feb-08	22:22:00	57.7	60.1	52.9
22-Feb-08	22:27:00	57.1	59.4	53.2
22-Feb-08	22:32:00	58.9	62.0	54.5
22-Feb-08	22:37:00	57.6	59.6	54.1
22-Feb-08	22:42:00	56.5	58.6	53.7
22-Feb-08	22:47:00	57.0	59.0	54.0
22-Feb-08	22:52:00	58.1	61.8	53.2
22-Feb-08	22:57:00	57.5	59.9	53.9

Mean      58.7      61.1      54.7  
 Maximum    61.9      65.1      58.8  
 Minimum    56.4      58.5      51.6

### Evening Time and Holiday Noise Level at NC2 The Legend\*

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
23-Feb-08	19:02:00	64.5	65.6	63.2
23-Feb-08	19:07:00	65.0	66.1	63.2
23-Feb-08	19:12:00	64.1	65.4	62.8
23-Feb-08	19:17:00	64.1	65.4	61.9
23-Feb-08	19:22:00	62.8	64.2	61.3
23-Feb-08	19:27:00	62.2	63.6	60.7
23-Feb-08	19:32:00	63.1	64.6	61.1
23-Feb-08	19:37:00	63.5	64.8	61.9
23-Feb-08	19:42:00	61.0	62.6	59.0
23-Feb-08	19:47:00	62.1	63.9	59.9
23-Feb-08	19:52:00	61.7	63.7	59.1
23-Feb-08	19:57:00	62.2	63.4	61.0
23-Feb-08	20:02:00	60.5	62.5	57.9
23-Feb-08	20:07:00	61.2	63.1	58.3
23-Feb-08	20:12:00	60.4	61.9	58.6
23-Feb-08	20:17:00	62.4	65.4	58.9
23-Feb-08	20:22:00	61.5	63.5	59.5
23-Feb-08	20:27:00	60.8	62.5	58.6
23-Feb-08	20:32:00	60.3	62.5	57.9
23-Feb-08	20:37:00	59.7	61.2	57.6
23-Feb-08	20:42:00	59.9	62.3	57.3
23-Feb-08	20:47:00	59.6	61.4	57.8
23-Feb-08	20:52:00	59.5	61.3	57.4
23-Feb-08	20:57:00	59.4	61.2	57.4
23-Feb-08	21:02:00	60.1	61.7	58.1
23-Feb-08	21:07:00	60.9	62.0	59.0
23-Feb-08	21:12:00	60.9	62.6	59.1
23-Feb-08	21:17:00	60.8	62.3	59.1
23-Feb-08	21:22:00	60.3	61.5	59.1
23-Feb-08	21:27:00	61.6	63.7	59.3
23-Feb-08	21:32:00	60.7	61.8	58.9
23-Feb-08	21:37:00	60.4	61.7	59.0
23-Feb-08	21:42:00	59.8	60.9	58.2
23-Feb-08	21:47:00	60.3	61.9	58.2
23-Feb-08	21:52:00	60.2	61.9	58.1
23-Feb-08	21:57:00	59.7	61.1	58.1
23-Feb-08	22:02:00	60.0	61.6	58.2
23-Feb-08	22:07:00	60.3	62.1	58.0
23-Feb-08	22:12:00	59.9	61.3	58.2
23-Feb-08	22:17:00	60.1	61.8	58.2
23-Feb-08	22:22:00	59.7	61.1	58.0
23-Feb-08	22:27:00	61.1	62.2	57.6
23-Feb-08	22:32:00	59.9	61.7	57.8
23-Feb-08	22:37:00	60.3	62.0	58.5
23-Feb-08	22:42:00	59.0	60.3	57.3
23-Feb-08	22:47:00	59.2	60.7	57.5
23-Feb-08	22:52:00	58.4	60.0	56.4
23-Feb-08	22:57:00	59.1	60.8	56.9

Mean	61.2	62.8	59.3
Maximum	65.0	66.1	63.2
Minimum	58.4	60.0	56.4

Date	Noise Level for 5-min, dB(A)			
	Time	Leq	L10	L90
24-Feb-08	7:02:00	53.5	56.3	50.2
24-Feb-08	7:07:00	55.2	57.8	51.2
24-Feb-08	7:12:00	56.4	60.1	51.0
24-Feb-08	7:17:00	53.8	56.0	50.6
24-Feb-08	7:22:00	54.9	57.2	51.0
24-Feb-08	7:27:00	55.4	58.4	51.3
24-Feb-08	7:32:00	55.5	58.1	51.6
24-Feb-08	7:37:00	56.3	58.7	52.8
24-Feb-08	7:42:00	62.8	64.4	51.8
24-Feb-08	7:47:00	57.3	60.7	52.7
24-Feb-08	7:52:00	56.6	59.5	52.9
24-Feb-08	7:57:00	56.9	59.7	52.5
24-Feb-08	8:02:00	60.2	62.9	53.1
24-Feb-08	8:07:00	56.4	59.3	52.1
24-Feb-08	8:12:00	56.0	59.0	52.9
24-Feb-08	8:17:00	57.7	59.6	52.8
24-Feb-08	8:22:00	56.9	59.8	52.5
24-Feb-08	8:27:00	56.8	59.8	52.9
24-Feb-08	8:32:00	56.7	59.2	52.6
24-Feb-08	8:37:00	55.3	57.5	52.0
24-Feb-08	8:42:00	56.8	59.1	53.4
24-Feb-08	8:47:00	58.4	61.4	52.9
24-Feb-08	8:52:00	57.0	59.9	53.1
24-Feb-08	8:57:00	59.6	62.2	52.5
24-Feb-08	9:02:00	56.4	58.2	53.2
24-Feb-08	9:07:00	58.0	60.7	53.3
24-Feb-08	9:12:00	57.8	59.7	54.1
24-Feb-08	9:17:00	56.8	58.8	53.9
24-Feb-08	9:22:00	57.8	60.4	53.8
24-Feb-08	9:27:00	58.5	59.8	54.4
24-Feb-08	9:32:00	58.1	60.2	54.1
24-Feb-08	9:37:00	58.2	61.1	53.9
24-Feb-08	9:42:00	58.5	62.3	53.3
24-Feb-08	9:47:00	59.2	62.2	54.1
24-Feb-08	9:52:00	60.8	63.6	55.9
24-Feb-08	9:57:00	59.1	62.0	54.2
24-Feb-08	10:02:00	57.4	59.4	54.9
24-Feb-08	10:07:00	58.3	60.3	55.2
24-Feb-08	10:12:00	58.1	60.2	54.6
24-Feb-08	10:17:00	59.4	61.9	55.9
24-Feb-08	10:22:00	60.9	62.5	55.9
24-Feb-08	10:27:00	58.4	60.7	54.4
24-Feb-08	10:32:00	59.8	62.7	53.7
24-Feb-08	10:37:00	58.3	60.9	54.9
24-Feb-08	10:42:00	58.6	60.9	55.6
24-Feb-08	10:47:00	57.6	59.3	55.0
24-Feb-08	10:52:00	57.9	60.1	55.0
24-Feb-08	10:57:00	58.9	61.3	55.6

### Evening Time and Holiday Noise Level at NC2 The Legend\*

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
24-Feb-08	11:02:00	57.9	60.4	54.7
24-Feb-08	11:07:00	58.6	61.6	54.4
24-Feb-08	11:12:00	57.8	60.6	54.2
24-Feb-08	11:17:00	57.3	59.5	54.2
24-Feb-08	11:22:00	57.6	59.3	54.2
24-Feb-08	11:27:00	57.9	60.6	53.9
24-Feb-08	11:32:00	62.6	64.3	55.8
24-Feb-08	11:37:00	59.4	61.9	55.3
24-Feb-08	11:42:00	57.9	59.8	55.0
24-Feb-08	11:47:00	57.9	60.1	54.4
24-Feb-08	11:52:00	59.1	61.8	55.2
24-Feb-08	11:57:00	59.6	61.5	53.8
24-Feb-08	12:02:00	57.6	60.5	52.8
24-Feb-08	12:07:00	57.1	59.5	54.2
24-Feb-08	12:12:00	58.6	60.8	54.1
24-Feb-08	12:17:00	57.4	59.7	54.7
24-Feb-08	12:22:00	58.0	60.6	53.7
24-Feb-08	12:27:00	58.0	59.8	55.3
24-Feb-08	12:32:00	57.2	60.0	52.0
24-Feb-08	12:37:00	57.5	59.8	54.0
24-Feb-08	12:42:00	58.1	60.2	54.5
24-Feb-08	12:47:00	57.8	60.7	53.9
24-Feb-08	12:52:00	57.0	59.0	53.5
24-Feb-08	12:57:00	56.9	58.3	54.0
24-Feb-08	13:02:00	60.3	61.9	54.5
24-Feb-08	13:07:00	58.0	59.9	53.4
24-Feb-08	13:12:00	57.4	59.4	54.4
24-Feb-08	13:17:00	58.4	60.6	55.3
24-Feb-08	13:22:00	57.9	60.6	53.9
24-Feb-08	13:27:00	59.6	63.4	53.0
24-Feb-08	13:32:00	57.8	60.6	53.9
24-Feb-08	13:37:00	57.9	60.5	52.4
24-Feb-08	13:42:00	58.4	61.3	54.5
24-Feb-08	13:47:00	57.4	59.2	54.8
24-Feb-08	13:52:00	59.9	63.0	55.1
24-Feb-08	13:57:00	59.8	61.6	55.2
24-Feb-08	14:02:00	58.5	61.0	55.6
24-Feb-08	14:07:00	58.1	60.2	54.9
24-Feb-08	14:12:00	59.6	61.9	56.0
24-Feb-08	14:17:00	58.0	59.6	55.9
24-Feb-08	14:22:00	59.7	61.9	56.8
24-Feb-08	14:27:00	60.2	62.4	56.9
24-Feb-08	14:32:00	58.7	61.2	54.9
24-Feb-08	14:37:00	58.5	60.4	55.1
24-Feb-08	14:42:00	57.5	59.6	53.5
24-Feb-08	14:47:00	61.1	63.1	55.5
24-Feb-08	14:52:00	58.3	60.5	54.6
24-Feb-08	14:57:00	58.1	59.8	55.6

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
24-Feb-08	15:02:00	57.5	59.6	54.4
24-Feb-08	15:07:00	57.9	61.1	53.3
24-Feb-08	15:12:00	58.8	60.8	54.8
24-Feb-08	15:17:00	57.8	60.5	54.1
24-Feb-08	15:22:00	58.0	60.7	54.3
24-Feb-08	15:27:00	59.9	62.3	55.0
24-Feb-08	15:32:00	56.7	58.8	53.6
24-Feb-08	15:37:00	57.7	60.4	53.3
24-Feb-08	15:42:00	58.8	60.7	56.3
24-Feb-08	15:47:00	57.9	60.1	54.4
24-Feb-08	15:52:00	59.3	61.7	54.9
24-Feb-08	15:57:00	58.2	61.0	53.5
24-Feb-08	16:02:00	57.2	59.5	53.5
24-Feb-08	16:07:00	58.3	60.8	54.2
24-Feb-08	16:12:00	59.1	61.7	54.3
24-Feb-08	16:17:00	58.7	60.7	54.8
24-Feb-08	16:22:00	60.0	61.6	52.1
24-Feb-08	16:27:00	58.9	62.2	52.5
24-Feb-08	16:32:00	58.2	60.9	54.0
24-Feb-08	16:37:00	59.4	61.6	54.2
24-Feb-08	16:42:00	61.8	63.8	54.7
24-Feb-08	16:47:00	60.3	62.8	54.1
24-Feb-08	16:52:00	58.5	61.2	54.6
24-Feb-08	16:57:00	60.0	61.9	55.3
24-Feb-08	17:02:00	60.5	63.4	54.8
24-Feb-08	17:07:00	60.2	63.2	54.6
24-Feb-08	17:12:00	59.6	62.0	55.8
24-Feb-08	17:17:00	59.2	61.6	55.8
24-Feb-08	17:22:00	61.2	63.5	56.1
24-Feb-08	17:27:00	59.6	62.2	55.5
24-Feb-08	17:32:00	59.1	61.8	55.8
24-Feb-08	17:37:00	58.9	61.4	55.4
24-Feb-08	17:42:00	59.4	61.3	56.5
24-Feb-08	17:47:00	58.2	60.7	54.1
24-Feb-08	17:52:00	57.8	60.3	54.2
24-Feb-08	17:57:00	58.1	60.4	55.2
24-Feb-08	18:02:00	58.5	61.6	54.3
24-Feb-08	18:07:00	57.9	59.5	54.4
24-Feb-08	18:12:00	58.7	60.8	55.2
24-Feb-08	18:17:00	57.4	59.6	54.1
24-Feb-08	18:22:00	59.9	63.3	55.6
24-Feb-08	18:27:00	58.8	60.8	54.9
24-Feb-08	18:32:00	59.0	61.5	55.1
24-Feb-08	18:37:00	56.7	58.7	53.8
24-Feb-08	18:42:00	61.2	64.0	55.7
24-Feb-08	18:47:00	59.3	61.1	54.9
24-Feb-08	18:52:00	59.0	61.1	54.6
24-Feb-08	18:57:00	57.9	59.8	55.0

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
24-Feb-08	19:02:00	59.8	61.8	54.9
24-Feb-08	19:07:00	58.2	60.5	55.2
24-Feb-08	19:12:00	59.1	61.6	53.9
24-Feb-08	19:17:00	57.3	59.6	53.5
24-Feb-08	19:22:00	59.5	62.0	55.2

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
25-Feb-08	19:02:00	58.9	61.4	55.4
25-Feb-08	19:07:00	60.1	61.9	56.5
25-Feb-08	19:12:00	58.9	61.6	55.0
25-Feb-08	19:17:00	59.5	61.5	55.0
25-Feb-08	19:22:00	58.4	61.4	54.7



### Evening Time and Holiday Noise Level at NC2 The Legend\*

24-Feb-08	19:27:00	60.1	63.3	56.5
24-Feb-08	19:32:00	58.0	60.5	53.4
24-Feb-08	19:37:00	57.8	60.6	53.3
24-Feb-08	19:42:00	61.3	65.1	53.9
24-Feb-08	19:47:00	59.8	61.9	53.8
24-Feb-08	19:52:00	59.4	62.0	54.9
24-Feb-08	19:57:00	59.4	62.0	55.6
24-Feb-08	20:02:00	57.0	59.1	54.0
24-Feb-08	20:07:00	57.3	59.5	54.3
24-Feb-08	20:12:00	58.6	60.7	55.1
24-Feb-08	20:17:00	57.5	59.4	54.5
24-Feb-08	20:22:00	57.3	59.2	54.8
24-Feb-08	20:27:00	57.8	60.4	54.1
24-Feb-08	20:32:00	57.5	59.9	53.9
24-Feb-08	20:37:00	57.7	60.2	54.0
24-Feb-08	20:42:00	56.9	59.0	53.6
24-Feb-08	20:47:00	58.9	61.8	55.1
24-Feb-08	20:52:00	59.7	62.2	55.1
24-Feb-08	20:57:00	58.0	59.8	55.0
24-Feb-08	21:02:00	58.0	60.7	54.5
24-Feb-08	21:07:00	58.9	61.1	55.7
24-Feb-08	21:12:00	59.3	61.7	55.0
24-Feb-08	21:17:00	59.2	61.3	55.5
24-Feb-08	21:22:00	60.4	61.2	55.1
24-Feb-08	21:27:00	58.9	60.8	54.3
24-Feb-08	21:32:00	60.2	61.8	55.3
24-Feb-08	21:37:00	60.0	62.7	55.4
24-Feb-08	21:42:00	59.1	61.4	55.9
24-Feb-08	21:47:00	57.9	59.7	55.2
24-Feb-08	21:52:00	60.2	61.8	55.5
24-Feb-08	21:57:00	58.6	60.7	55.3
24-Feb-08	22:02:00	60.2	63.9	54.2
24-Feb-08	22:07:00	61.4	64.6	55.9
24-Feb-08	22:12:00	57.8	60.2	54.3
24-Feb-08	22:17:00	57.5	60.2	53.9
24-Feb-08	22:22:00	57.2	59.4	53.5
24-Feb-08	22:27:00	56.8	58.8	53.8
24-Feb-08	22:32:00	58.0	60.8	53.3
24-Feb-08	22:37:00	58.1	60.3	53.7
24-Feb-08	22:42:00	57.0	59.4	54.1
24-Feb-08	22:47:00	57.2	59.0	54.2
24-Feb-08	22:52:00	57.5	60.3	53.7
24-Feb-08	22:57:00	56.6	59.0	53.2

Mean      58.6      61.0      54.4  
 Maximum   62.8      65.1      56.9  
 Minimum   53.5      56.0      50.2

25-Feb-08	19:27:00	58.8	61.2	54.2
25-Feb-08	19:32:00	60.1	63.7	55.0
25-Feb-08	19:37:00	59.3	62.2	54.4
25-Feb-08	19:42:00	59.9	63.1	55.4
25-Feb-08	19:47:00	60.4	61.9	55.9
25-Feb-08	19:52:00	58.1	60.2	54.0
25-Feb-08	19:57:00	61.1	63.0	54.4
25-Feb-08	20:02:00	57.9	60.3	53.7
25-Feb-08	20:07:00	58.9	61.6	54.0
25-Feb-08	20:12:00	57.3	59.8	52.9
25-Feb-08	20:17:00	58.5	61.8	53.3
25-Feb-08	20:22:00	57.5	60.5	53.2
25-Feb-08	20:27:00	58.7	62.3	53.6
25-Feb-08	20:32:00	58.0	59.7	53.2
25-Feb-08	20:37:00	58.0	61.0	53.4
25-Feb-08	20:42:00	60.4	62.3	53.1
25-Feb-08	20:47:00	60.9	61.3	52.9
25-Feb-08	20:52:00	57.8	60.4	52.8
25-Feb-08	20:57:00	60.0	62.6	52.7
25-Feb-08	21:02:00	55.5	58.4	50.4
25-Feb-08	21:07:00	59.1	62.7	52.6
25-Feb-08	21:12:00	58.9	62.7	53.1
25-Feb-08	21:17:00	58.0	60.6	53.7
25-Feb-08	21:22:00	61.8	63.5	54.2
25-Feb-08	21:27:00	57.6	60.8	52.6
25-Feb-08	21:32:00	57.8	61.0	53.3
25-Feb-08	21:37:00	57.1	59.5	53.4
25-Feb-08	21:42:00	57.7	60.3	52.3
25-Feb-08	21:47:00	56.5	58.7	52.1
25-Feb-08	21:52:00	59.2	59.9	53.1
25-Feb-08	21:57:00	58.0	60.6	54.3
25-Feb-08	22:02:00	57.5	60.0	52.6
25-Feb-08	22:07:00	57.6	60.1	52.9
25-Feb-08	22:12:00	57.0	58.8	53.7
25-Feb-08	22:17:00	56.7	59.1	52.6
25-Feb-08	22:22:00	57.9	60.5	53.4
25-Feb-08	22:27:00	57.4	60.3	52.9
25-Feb-08	22:32:00	60.0	62.6	52.6
25-Feb-08	22:37:00	55.9	57.7	53.3
25-Feb-08	22:42:00	56.9	60.1	51.7
25-Feb-08	22:47:00	56.2	58.8	52.2
25-Feb-08	22:52:00	56.6	59.2	52.4
25-Feb-08	22:57:00	58.0	60.7	54.4

Mean      58.6      61.1      53.7  
 Maximum   61.8      63.7      56.5  
 Minimum   55.5      57.7      50.4

Evening Time and Holiday Noise Level at NC2 The Legend*			
	<b>Leq</b>	<b>L10</b>	<b>L90</b>
Mean	59.1	61.6	55.0
Max	69.2	72.1	64.9
Min	58.4	60.0	56.4

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**APPENDIX B5  
NIGHT-TIME 23:00-07:00HRS OF THE  
NEXT DAY BASELINE NOISE  
MONITORING DATA**

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**Night Time Noise Level at NC1, 2/F outside the window facing to construction site\***

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
16-Feb-08	0:00:00	62.7	65.5	49.5
16-Feb-08	0:05:00	63.1	67.0	49.0
16-Feb-08	0:10:00	64.2	67.0	49.0
16-Feb-08	0:15:00	61.5	65.5	50.5
16-Feb-08	0:20:00	62.6	66.5	51.0
16-Feb-08	0:25:00	61.7	66.5	48.5
16-Feb-08	0:30:00	62.9	67.0	50.0
16-Feb-08	0:35:00	60.6	65.0	49.0
16-Feb-08	0:40:00	59.8	65.5	47.0
16-Feb-08	0:45:00	62.3	66.0	48.5
16-Feb-08	0:50:00	62.2	65.0	50.5
16-Feb-08	0:55:00	60.4	64.5	47.5
16-Feb-08	1:00:00	58.8	63.0	46.5
16-Feb-08	1:05:00	58.3	63.0	47.5
16-Feb-08	1:10:00	59.3	64.0	46.5
16-Feb-08	1:15:00	57.0	61.5	46.5
16-Feb-08	1:20:00	59.0	64.5	46.0
16-Feb-08	1:25:00	56.2	61.0	44.5
16-Feb-08	1:30:00	59.9	65.0	47.0
16-Feb-08	1:35:00	61.0	64.5	44.0
16-Feb-08	1:40:00	64.9	65.5	45.5
16-Feb-08	1:45:00	61.3	63.0	45.0
16-Feb-08	1:50:00	57.4	62.0	44.0
16-Feb-08	1:55:00	57.6	62.5	46.5
16-Feb-08	2:00:00	59.8	64.5	45.0
16-Feb-08	2:05:00	61.1	64.5	50.5
16-Feb-08	2:10:00	60.5	64.5	52.0
16-Feb-08	2:15:00	58.1	63.0	45.5
16-Feb-08	2:20:00	56.9	61.0	49.0
16-Feb-08	2:25:00	59.3	63.0	46.5
16-Feb-08	2:30:00	56.8	61.5	45.0
16-Feb-08	2:35:00	58.7	63.5	48.5
16-Feb-08	2:40:00	58.8	63.5	47.0
16-Feb-08	2:45:00	57.0	60.5	45.0
16-Feb-08	2:50:00	59.3	61.5	47.0
16-Feb-08	2:55:00	56.4	60.0	44.5
16-Feb-08	3:00:00	56.2	62.0	44.0
16-Feb-08	3:05:00	53.5	55.0	42.5
16-Feb-08	3:10:00	51.8	52.0	42.0
16-Feb-08	3:15:00	56.1	61.5	43.0
16-Feb-08	3:20:00	55.4	59.0	42.5
16-Feb-08	3:25:00	57.6	62.0	45.5
16-Feb-08	3:30:00	57.7	62.0	44.0
16-Feb-08	3:35:00	55.3	60.0	43.0
16-Feb-08	3:40:00	54.8	57.5	42.5
16-Feb-08	3:45:00	55.1	57.5	41.5
16-Feb-08	3:50:00	61.2	61.0	43.0
16-Feb-08	3:55:00	57.4	62.5	42.5
16-Feb-08	4:00:00	57.4	61.5	44.0
16-Feb-08	4:05:00	55.7	60.5	43.5
16-Feb-08	4:10:00	52.4	55.0	42.0

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
16-Feb-08	4:15:00	54.1	58.0	42.5
16-Feb-08	4:20:00	59.4	62.5	45.5
16-Feb-08	4:25:00	52.6	54.5	42.5
16-Feb-08	4:30:00	55.9	59.5	44.0
16-Feb-08	4:35:00	57.7	61.5	47.0
16-Feb-08	4:40:00	61.0	63.5	47.0
16-Feb-08	4:45:00	56.3	60.5	44.5
16-Feb-08	4:50:00	53.5	57.5	45.0
16-Feb-08	4:55:00	55.5	60.0	45.5
16-Feb-08	5:00:00	56.4	57.5	42.5
16-Feb-08	5:05:00	47.8	47.5	42.0
16-Feb-08	5:10:00	54.3	58.5	43.0
16-Feb-08	5:15:00	50.0	51.0	42.0
16-Feb-08	5:20:00	55.4	60.5	43.0
16-Feb-08	5:25:00	51.0	48.0	42.5
16-Feb-08	5:30:00	53.9	58.0	43.5
16-Feb-08	5:35:00	56.9	62.0	45.0
16-Feb-08	5:40:00	58.4	62.0	46.0
16-Feb-08	5:45:00	60.9	62.5	45.5
16-Feb-08	5:50:00	63.2	63.5	46.5
16-Feb-08	5:55:00	60.5	61.5	46.0
16-Feb-08	6:00:00	56.8	61.0	46.5
16-Feb-08	6:05:00	56.6	62.0	44.5
16-Feb-08	6:10:00	59.4	61.0	43.5
16-Feb-08	6:15:00	63.0	64.5	44.5
16-Feb-08	6:20:00	55.5	60.0	43.5
16-Feb-08	6:25:00	59.4	62.0	43.0
16-Feb-08	6:30:00	56.6	61.5	42.5
16-Feb-08	6:35:00	60.5	63.5	44.0
16-Feb-08	6:40:00	55.8	60.5	44.5
16-Feb-08	6:45:00	63.4	67.0	48.0
16-Feb-08	6:50:00	64.1	66.5	45.5
16-Feb-08	6:55:00	61.5	65.0	46.5
16-Feb-08	23:00:00	66.6	69.0	55.0
16-Feb-08	23:05:00	63.4	67.0	55.0
16-Feb-08	23:10:00	64.7	67.5	56.0
16-Feb-08	23:15:00	65.3	68.5	54.5
16-Feb-08	23:20:00	63.5	66.5	56.5
16-Feb-08	23:25:00	62.5	66.0	53.5
16-Feb-08	23:30:00	63.3	67.0	55.0
16-Feb-08	23:35:00	64.8	67.5	55.5
16-Feb-08	23:40:00	63.1	67.0	54.5
16-Feb-08	23:45:00	64.6	67.5	52.5
16-Feb-08	23:50:00	64.3	67.0	54.0
16-Feb-08	23:55:00	65.4	68.0	53.0
	Mean	60.4	63.8	48.7
	Maximum	66.6	69.0	56.5
	Minimum	47.8	47.5	41.5

**Night Time Noise Level at NC1, 2/F outside the window facing to construction site\***

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
17-Feb-08	0:00:00	66.0	68.5	55.0
17-Feb-08	0:05:00	63.0	66.0	53.0
17-Feb-08	0:10:00	63.8	65.5	52.5
17-Feb-08	0:15:00	63.3	67.5	53.5
17-Feb-08	0:20:00	60.2	65.0	51.5
17-Feb-08	0:25:00	60.0	64.0	52.0
17-Feb-08	0:30:00	61.5	65.5	52.0
17-Feb-08	0:35:00	60.9	65.0	53.0
17-Feb-08	0:40:00	61.9	65.5	53.0
17-Feb-08	0:45:00	59.2	64.5	51.0
17-Feb-08	0:50:00	58.5	62.5	51.5
17-Feb-08	0:55:00	59.6	64.0	52.0
17-Feb-08	1:00:00	58.9	63.0	51.5
17-Feb-08	1:05:00	58.9	63.0	51.5
17-Feb-08	1:10:00	59.5	64.5	51.0
17-Feb-08	1:15:00	57.3	61.5	51.0
17-Feb-08	1:20:00	59.2	64.5	51.0
17-Feb-08	1:25:00	61.5	65.5	51.0
17-Feb-08	1:30:00	59.1	63.5	50.5
17-Feb-08	1:35:00	60.2	65.0	51.5
17-Feb-08	1:40:00	58.5	62.5	51.5
17-Feb-08	1:45:00	59.0	63.5	51.0
17-Feb-08	1:50:00	56.5	60.5	50.5
17-Feb-08	1:55:00	58.4	62.0	51.0
17-Feb-08	2:00:00	58.1	62.5	50.5
17-Feb-08	2:05:00	59.7	63.0	50.5
17-Feb-08	2:10:00	54.0	56.5	50.5
17-Feb-08	2:15:00	57.7	62.5	51.0
17-Feb-08	2:20:00	60.2	64.5	51.0
17-Feb-08	2:25:00	55.5	57.0	50.5
17-Feb-08	2:30:00	56.6	61.0	50.5
17-Feb-08	2:35:00	55.2	57.5	50.5
17-Feb-08	2:40:00	58.8	63.0	50.5
17-Feb-08	2:45:00	56.6	60.0	50.5
17-Feb-08	2:50:00	57.3	62.0	50.5
17-Feb-08	2:55:00	56.5	60.5	50.5
17-Feb-08	3:00:00	57.2	60.5	50.5
17-Feb-08	3:05:00	56.3	57.5	50.5
17-Feb-08	3:10:00	55.3	58.5	50.5
17-Feb-08	3:15:00	62.5	64.0	50.5
17-Feb-08	3:20:00	59.6	64.5	50.5
17-Feb-08	3:25:00	55.9	57.5	50.5
17-Feb-08	3:30:00	58.4	63.0	50.5
17-Feb-08	3:35:00	57.1	61.0	50.5
17-Feb-08	3:40:00	57.7	61.0	52.0
17-Feb-08	3:45:00	56.8	60.0	50.5
17-Feb-08	3:50:00	56.1	60.5	50.5
17-Feb-08	3:55:00	53.1	53.0	50.0
17-Feb-08	4:00:00	57.8	62.0	50.0
17-Feb-08	4:05:00	56.1	58.0	50.0
17-Feb-08	4:10:00	56.2	58.5	50.0

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
17-Feb-08	4:15:00	59.2	64.5	50.5
17-Feb-08	4:20:00	53.2	53.5	50.0
17-Feb-08	4:25:00	57.7	62.5	50.0
17-Feb-08	4:30:00	57.2	61.0	50.0
17-Feb-08	4:35:00	54.3	56.5	50.0
17-Feb-08	4:40:00	58.0	63.0	50.5
17-Feb-08	4:45:00	57.8	62.5	51.0
17-Feb-08	4:50:00	57.4	60.5	51.0
17-Feb-08	4:55:00	55.2	56.5	50.5
17-Feb-08	5:00:00	55.4	58.0	50.5
17-Feb-08	5:05:00	57.5	60.5	50.5
17-Feb-08	5:10:00	54.7	57.0	50.0
17-Feb-08	5:15:00	52.7	52.5	50.0
17-Feb-08	5:20:00	53.8	53.0	50.0
17-Feb-08	5:25:00	53.9	55.0	50.5
17-Feb-08	5:30:00	56.3	61.0	50.5
17-Feb-08	5:35:00	55.6	59.5	50.5
17-Feb-08	5:40:00	61.5	64.5	50.5
17-Feb-08	5:45:00	58.8	63.5	50.5
17-Feb-08	5:50:00	56.5	59.5	50.5
17-Feb-08	5:55:00	59.1	62.0	50.5
17-Feb-08	6:00:00	55.8	60.0	50.0
17-Feb-08	6:05:00	57.2	61.5	50.5
17-Feb-08	6:10:00	57.7	62.5	50.5
17-Feb-08	6:15:00	57.3	62.0	50.5
17-Feb-08	6:20:00	57.8	63.0	50.5
17-Feb-08	6:25:00	59.6	63.0	51.0
17-Feb-08	6:30:00	56.4	61.0	50.5
17-Feb-08	6:35:00	59.5	63.5	50.5
17-Feb-08	6:40:00	57.6	61.5	51.0
17-Feb-08	6:45:00	56.7	61.0	51.0
17-Feb-08	6:50:00	62.9	66.0	51.5
17-Feb-08	6:55:00	61.4	64.5	51.0
17-Feb-08	23:00:00	64.8	67.0	53.5
17-Feb-08	23:05:00	62.2	66.0	52.0
17-Feb-08	23:10:00	65.1	68.5	52.5
17-Feb-08	23:15:00	61.4	65.5	52.0
17-Feb-08	23:20:00	64.5	68.0	53.5
17-Feb-08	23:25:00	61.6	65.5	52.5
17-Feb-08	23:30:00	60.9	64.0	51.0
17-Feb-08	23:35:00	63.0	65.0	51.0
17-Feb-08	23:40:00	61.5	66.5	52.0
17-Feb-08	23:45:00	64.8	67.5	51.5
17-Feb-08	23:50:00	60.8	65.5	51.5
17-Feb-08	23:55:00	64.4	66.5	52.5
	Mean	59.7	63.3	51.1
	Maximum	66.0	68.5	55.0
	Minimum	52.7	52.5	50.0

**Night Time Noise Level at NC1, 2/F outside the window facing to construction site\***

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
18-Feb-08	0:00:00	62.4	65.5	52.5
18-Feb-08	0:05:00	63.2	66.5	51.0
18-Feb-08	0:10:00	60.4	64.5	51.5
18-Feb-08	0:15:00	62.5	66.0	52.0
18-Feb-08	0:20:00	67.0	66.5	51.5
18-Feb-08	0:25:00	58.1	62.5	51.5
18-Feb-08	0:30:00	56.7	61.0	51.0
18-Feb-08	0:35:00	58.3	62.5	51.0
18-Feb-08	0:40:00	62.8	65.0	52.5
18-Feb-08	0:45:00	58.3	63.0	51.5
18-Feb-08	0:50:00	55.6	59.5	50.5
18-Feb-08	0:55:00	58.1	62.5	50.5
18-Feb-08	1:00:00	57.3	62.0	50.5
18-Feb-08	1:05:00	57.1	60.0	50.5
18-Feb-08	1:10:00	56.7	60.5	50.5
18-Feb-08	1:15:00	57.0	61.5	50.5
18-Feb-08	1:20:00	54.6	56.5	50.5
18-Feb-08	1:25:00	57.0	59.0	50.5
18-Feb-08	1:30:00	59.1	62.0	50.5
18-Feb-08	1:35:00	53.9	54.0	50.5
18-Feb-08	1:40:00	62.1	66.0	51.5
18-Feb-08	1:45:00	52.5	55.0	50.5
18-Feb-08	1:50:00	59.3	63.5	51.5
18-Feb-08	1:55:00	60.9	64.5	51.5
18-Feb-08	2:00:00	60.8	64.5	53.0
18-Feb-08	2:05:00	58.8	60.5	53.0
18-Feb-08	2:10:00	57.1	60.0	51.0
18-Feb-08	2:15:00	54.9	56.5	50.5
18-Feb-08	2:20:00	54.9	57.5	50.5
18-Feb-08	2:25:00	57.4	61.5	51.0
18-Feb-08	2:30:00	57.0	56.5	51.0
18-Feb-08	2:35:00	62.4	63.0	51.5
18-Feb-08	2:40:00	58.3	61.5	51.0
18-Feb-08	2:45:00	54.7	56.0	51.0
18-Feb-08	2:50:00	58.2	59.5	51.0
18-Feb-08	2:55:00	58.3	62.0	51.0
18-Feb-08	3:00:00	59.7	61.5	50.5
18-Feb-08	3:05:00	56.2	59.5	51.0
18-Feb-08	3:10:00	55.0	56.0	50.5
18-Feb-08	3:15:00	59.2	64.0	51.0
18-Feb-08	3:20:00	54.1	57.5	50.5
18-Feb-08	3:25:00	52.8	53.0	50.0
18-Feb-08	3:30:00	54.5	57.0	50.5
18-Feb-08	3:35:00	55.9	57.5	50.5
18-Feb-08	3:40:00	52.9	53.0	50.0
18-Feb-08	3:45:00	56.3	57.0	50.0
18-Feb-08	3:50:00	59.8	60.0	50.0
18-Feb-08	3:55:00	50.9	51.5	50.0
18-Feb-08	4:00:00	54.7	57.0	50.5
18-Feb-08	4:05:00	54.4	52.0	50.0
18-Feb-08	4:10:00	50.5	50.5	50.0

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
18-Feb-08	4:15:00	51.8	51.0	50.0
18-Feb-08	4:20:00	53.3	53.5	50.0
18-Feb-08	4:25:00	52.7	52.0	50.0
18-Feb-08	4:30:00	50.8	51.0	50.0
18-Feb-08	4:35:00	52.8	52.0	50.0
18-Feb-08	4:40:00	51.5	51.0	50.0
18-Feb-08	4:45:00	51.4	51.0	50.0
18-Feb-08	4:50:00	53.2	52.0	50.0
18-Feb-08	4:55:00	50.7	51.0	50.0
18-Feb-08	5:00:00	50.7	51.0	50.0
18-Feb-08	5:05:00	50.7	51.0	50.0
18-Feb-08	5:10:00	52.9	52.5	50.0
18-Feb-08	5:15:00	60.1	58.0	50.0
18-Feb-08	5:20:00	58.3	57.5	50.0
18-Feb-08	5:25:00	53.9	53.5	50.0
18-Feb-08	5:30:00	53.8	55.0	50.5
18-Feb-08	5:35:00	56.8	52.0	50.0
18-Feb-08	5:40:00	56.0	54.5	50.0
18-Feb-08	5:45:00	52.8	51.5	50.0
18-Feb-08	5:50:00	56.2	60.5	50.5
18-Feb-08	5:55:00	56.5	60.0	50.5
18-Feb-08	6:00:00	56.0	60.5	50.5
18-Feb-08	6:05:00	61.3	59.5	50.5
18-Feb-08	6:10:00	57.2	60.0	50.5
18-Feb-08	6:15:00	64.6	67.0	50.5
18-Feb-08	6:20:00	55.5	58.5	50.5
18-Feb-08	6:25:00	62.2	65.0	51.0
18-Feb-08	6:30:00	63.1	67.0	51.5
18-Feb-08	6:35:00	65.6	68.5	52.0
18-Feb-08	6:40:00	63.3	66.0	52.0
18-Feb-08	6:45:00	66.4	71.0	54.0
18-Feb-08	6:50:00	64.6	67.5	51.5
18-Feb-08	6:55:00	66.7	70.0	53.5
18-Feb-08	23:00:00	62.3	66.5	51.5
18-Feb-08	23:05:00	66.4	69.0	53.5
18-Feb-08	23:10:00	63.1	67.0	51.5
18-Feb-08	23:15:00	62.4	66.0	52.5
18-Feb-08	23:20:00	66.2	67.5	52.0
18-Feb-08	23:25:00	64.2	67.0	53.5
18-Feb-08	23:30:00	61.3	65.5	51.0
18-Feb-08	23:35:00	61.7	65.5	51.5
18-Feb-08	23:40:00	64.6	67.0	51.0
18-Feb-08	23:45:00	60.3	65.0	50.0
18-Feb-08	23:50:00	63.9	66.5	50.5
18-Feb-08	23:55:00	62.5	65.5	51.5
	Mean	60.2	63.0	51.0
	Maximum	67.0	71.0	54.0
	Minimum	50.5	50.5	50.0

**Night Time Noise Level at NC1, 2/F outside the window facing to construction site\***

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
19-Feb-08	0:00:00	63.1	67.5	52.0
19-Feb-08	0:05:00	60.6	64.5	51.5
19-Feb-08	0:10:00	63.7	66.5	52.0
19-Feb-08	0:15:00	61.6	65.5	51.5
19-Feb-08	0:20:00	58.5	63.5	50.5
19-Feb-08	0:25:00	62.4	63.0	50.5
19-Feb-08	0:30:00	57.1	62.0	50.0
19-Feb-08	0:35:00	59.2	63.0	50.5
19-Feb-08	0:40:00	59.7	65.0	50.5
19-Feb-08	0:45:00	58.7	63.5	50.5
19-Feb-08	0:50:00	57.0	61.0	50.5
19-Feb-08	0:55:00	58.1	63.5	50.5
19-Feb-08	1:00:00	57.5	59.5	50.0
19-Feb-08	1:05:00	62.0	64.0	50.5
19-Feb-08	1:10:00	57.0	61.5	50.0
19-Feb-08	1:15:00	66.7	68.0	50.5
19-Feb-08	1:20:00	57.0	62.0	50.5
19-Feb-08	1:25:00	58.9	63.5	50.5
19-Feb-08	1:30:00	57.3	62.0	50.5
19-Feb-08	1:35:00	56.8	60.0	50.5
19-Feb-08	1:40:00	62.4	63.0	50.5
19-Feb-08	1:45:00	56.8	61.5	50.0
19-Feb-08	1:50:00	53.4	54.0	50.0
19-Feb-08	1:55:00	53.8	54.0	50.0
19-Feb-08	2:00:00	51.6	51.5	50.0
19-Feb-08	2:05:00	55.6	56.5	50.0
19-Feb-08	2:10:00	55.4	59.0	50.0
19-Feb-08	2:15:00	53.4	54.0	50.0
19-Feb-08	2:20:00	50.5	51.0	50.0
19-Feb-08	2:25:00	52.1	51.0	50.0
19-Feb-08	2:30:00	53.0	52.0	49.5
19-Feb-08	2:35:00	55.9	57.5	50.0
19-Feb-08	2:40:00	56.2	61.0	50.0
19-Feb-08	2:45:00	51.7	52.0	50.0
19-Feb-08	2:50:00	61.2	57.5	50.0
19-Feb-08	2:55:00	56.7	61.0	50.0
19-Feb-08	3:00:00	54.1	53.5	50.0
19-Feb-08	3:05:00	54.8	58.0	50.0
19-Feb-08	3:10:00	56.2	53.5	50.0
19-Feb-08	3:15:00	56.6	55.5	50.0
19-Feb-08	3:20:00	51.4	51.0	50.0
19-Feb-08	3:25:00	55.1	52.5	50.0
19-Feb-08	3:30:00	51.8	52.0	50.0
19-Feb-08	3:35:00	66.6	59.0	50.0
19-Feb-08	3:40:00	55.4	53.5	50.0
19-Feb-08	3:45:00	54.7	57.0	50.0
19-Feb-08	3:50:00	54.4	53.0	50.0
19-Feb-08	3:55:00	54.0	54.5	50.0
19-Feb-08	4:00:00	54.0	52.5	50.0
19-Feb-08	4:05:00	55.8	56.0	50.0
19-Feb-08	4:10:00	51.1	51.0	50.0

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
19-Feb-08	4:15:00	53.4	53.5	50.0
19-Feb-08	4:20:00	52.1	51.0	50.0
19-Feb-08	4:25:00	50.7	51.0	50.0
19-Feb-08	4:30:00	55.5	51.0	50.0
19-Feb-08	4:35:00	50.4	50.5	50.0
19-Feb-08	4:40:00	50.2	50.5	49.5
19-Feb-08	4:45:00	54.7	55.0	50.0
19-Feb-08	4:50:00	52.4	51.5	49.5
19-Feb-08	4:55:00	52.6	52.0	50.0
19-Feb-08	5:00:00	51.9	51.5	50.0
19-Feb-08	5:05:00	55.3	56.0	50.0
19-Feb-08	5:10:00	55.0	58.0	50.0
19-Feb-08	5:15:00	60.9	58.5	50.0
19-Feb-08	5:20:00	56.1	60.5	50.0
19-Feb-08	5:25:00	51.7	51.0	50.0
19-Feb-08	5:30:00	58.0	59.0	50.0
19-Feb-08	5:35:00	55.9	58.5	50.0
19-Feb-08	5:40:00	53.7	53.5	49.5
19-Feb-08	5:45:00	56.3	59.5	50.0
19-Feb-08	5:50:00	54.3	54.5	50.0
19-Feb-08	5:55:00	51.0	51.0	49.5
19-Feb-08	6:00:00	53.0	54.0	50.0
19-Feb-08	6:05:00	61.9	63.5	50.5
19-Feb-08	6:10:00	55.7	59.5	50.0
19-Feb-08	6:15:00	63.8	63.5	50.5
19-Feb-08	6:20:00	61.3	63.5	51.0
19-Feb-08	6:25:00	62.8	67.5	51.5
19-Feb-08	6:30:00	63.3	66.0	51.0
19-Feb-08	6:35:00	63.7	66.0	51.5
19-Feb-08	6:40:00	64.4	69.0	51.5
19-Feb-08	6:45:00	67.0	70.5	53.0
19-Feb-08	6:50:00	62.4	66.5	51.0
19-Feb-08	6:55:00	66.6	69.5	53.5
19-Feb-08	23:00:00	63.8	67.5	52.5
19-Feb-08	23:05:00	64.4	68.0	53.0
19-Feb-08	23:10:00	63.5	66.0	52.0
19-Feb-08	23:15:00	61.4	65.0	51.5
19-Feb-08	23:20:00	65.2	68.5	53.0
19-Feb-08	23:25:00	65.7	67.5	53.0
19-Feb-08	23:30:00	64.8	68.0	51.5
19-Feb-08	23:35:00	64.5	67.0	52.0
19-Feb-08	23:40:00	61.7	65.5	52.0
19-Feb-08	23:45:00	62.6	65.0	52.0
19-Feb-08	23:50:00	62.8	67.0	51.5
19-Feb-08	23:55:00	62.2	66.5	51.5
	Mean	60.2	62.9	50.6
	Maximum	67.0	70.5	53.5
	Minimum	50.2	50.5	49.5

### Night Time Noise Level at NC1, 2/F outside the window facing to construction site\*

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
20-Feb-08	0:00:00	60.2	64.0	51.0
20-Feb-08	0:05:00	60.2	64.5	50.5
20-Feb-08	0:10:00	63.0	65.0	51.0
20-Feb-08	0:15:00	60.3	64.5	51.0
20-Feb-08	0:20:00	60.9	65.5	51.5
20-Feb-08	0:25:00	60.6	65.0	51.0
20-Feb-08	0:30:00	58.5	62.0	50.5
20-Feb-08	0:35:00	66.9	69.5	50.0
20-Feb-08	0:40:00	61.1	63.5	50.5
20-Feb-08	0:45:00	58.3	63.5	50.0
20-Feb-08	0:50:00	58.5	63.0	50.5
20-Feb-08	0:55:00	55.8	58.0	50.0
20-Feb-08	1:00:00	57.6	61.5	50.0
20-Feb-08	1:05:00	57.7	61.0	50.0
20-Feb-08	1:10:00	59.0	62.5	50.5
20-Feb-08	1:15:00	60.0	63.0	50.0
20-Feb-08	1:20:00	54.7	58.5	50.0
20-Feb-08	1:25:00	63.6	64.0	50.5
20-Feb-08	1:30:00	55.1	56.5	50.0
20-Feb-08	1:35:00	56.7	61.5	50.0
20-Feb-08	1:40:00	55.7	55.0	50.0
20-Feb-08	1:45:00	57.9	62.0	50.0
20-Feb-08	1:50:00	55.3	58.5	50.0
20-Feb-08	1:55:00	55.5	59.0	50.0
20-Feb-08	2:00:00	53.0	53.0	50.0
20-Feb-08	2:05:00	54.4	55.0	50.0
20-Feb-08	2:10:00	55.1	57.5	50.0
20-Feb-08	2:15:00	52.8	52.0	50.0
20-Feb-08	2:20:00	60.9	63.0	50.0
20-Feb-08	2:25:00	56.1	59.5	50.0
20-Feb-08	2:30:00	56.8	60.5	50.0
20-Feb-08	2:35:00	54.7	56.0	50.0
20-Feb-08	2:40:00	54.3	55.0	50.0
20-Feb-08	2:45:00	53.2	53.0	50.0
20-Feb-08	2:50:00	52.7	52.5	50.0
20-Feb-08	2:55:00	54.6	55.5	50.0
20-Feb-08	3:00:00	62.1	62.5	50.0
20-Feb-08	3:05:00	53.2	52.5	50.0
20-Feb-08	3:10:00	57.4	58.5	50.0
20-Feb-08	3:15:00	55.4	57.5	50.0
20-Feb-08	3:20:00	50.5	50.5	50.0
20-Feb-08	3:25:00	54.4	57.0	50.0
20-Feb-08	3:30:00	53.0	52.0	50.0
20-Feb-08	3:35:00	51.6	51.5	50.0
20-Feb-08	3:40:00	55.3	57.0	50.0
20-Feb-08	3:45:00	53.5	56.0	50.0
20-Feb-08	3:50:00	57.3	60.0	50.0
20-Feb-08	3:55:00	54.9	55.5	50.0
20-Feb-08	4:00:00	51.8	51.0	50.0
20-Feb-08	4:05:00	52.2	50.5	50.0
20-Feb-08	4:10:00	54.2	52.0	50.0

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
20-Feb-08	4:15:00	52.8	51.0	50.0
20-Feb-08	4:20:00	51.4	50.5	50.0
20-Feb-08	4:25:00	54.0	55.0	50.0
20-Feb-08	4:30:00	51.8	51.0	50.0
20-Feb-08	4:35:00	52.1	51.0	50.0
20-Feb-08	4:40:00	53.8	52.5	50.0
20-Feb-08	4:45:00	51.1	51.0	50.0
20-Feb-08	4:50:00	50.5	51.0	50.0
20-Feb-08	4:55:00	51.8	51.0	50.0
20-Feb-08	5:00:00	53.7	51.5	50.0
20-Feb-08	5:05:00	56.9	60.0	50.0
20-Feb-08	5:10:00	56.1	56.5	50.0
20-Feb-08	5:15:00	55.7	58.5	50.0
20-Feb-08	5:20:00	53.4	54.0	50.0
20-Feb-08	5:25:00	53.3	53.5	50.0
20-Feb-08	5:30:00	54.0	56.0	50.0
20-Feb-08	5:35:00	60.0	58.5	50.0
20-Feb-08	5:40:00	55.9	55.0	50.5
20-Feb-08	5:45:00	54.7	56.5	50.0
20-Feb-08	5:50:00	58.5	60.0	50.0
20-Feb-08	5:55:00	56.5	58.5	50.0
20-Feb-08	6:00:00	60.1	58.5	50.5
20-Feb-08	6:05:00	57.9	61.5	50.5
20-Feb-08	6:10:00	57.8	57.5	50.5
20-Feb-08	6:15:00	63.7	64.5	51.0
20-Feb-08	6:20:00	59.0	62.0	51.5
20-Feb-08	6:25:00	62.0	65.5	51.0
20-Feb-08	6:30:00	57.6	61.5	51.0
20-Feb-08	6:35:00	64.0	65.5	51.5
20-Feb-08	6:40:00	65.9	68.5	53.0
20-Feb-08	6:45:00	67.4	69.5	52.5
20-Feb-08	6:50:00	66.0	68.0	52.5
20-Feb-08	6:55:00	67.2	71.0	55.0
20-Feb-08	23:00:00	64.3	67.5	54.0
20-Feb-08	23:05:00	65.3	68.5	53.0
20-Feb-08	23:10:00	62.2	65.5	53.0
20-Feb-08	23:15:00	64.9	67.0	54.0
20-Feb-08	23:20:00	63.8	67.0	52.5
20-Feb-08	23:25:00	67.4	68.5	51.5
20-Feb-08	23:30:00	65.6	67.0	52.0
20-Feb-08	23:35:00	63.8	68.5	52.5
20-Feb-08	23:40:00	64.0	66.5	51.0
20-Feb-08	23:45:00	61.5	65.5	52.5
20-Feb-08	23:50:00	63.8	67.0	51.5
20-Feb-08	23:55:00	58.9	63.5	51.0
	Mean	60.2	62.8	50.8
	Maximum	67.4	71.0	55.0
	Minimum	50.5	50.5	50.0

**Night Time Noise Level at NC1, 2/F outside the window facing to construction site\***

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
21-Feb-08	0:00:00	60.7	64.0	50.5
21-Feb-08	0:05:00	61.5	65.0	50.5
21-Feb-08	0:10:00	58.0	63.0	50.5
21-Feb-08	0:15:00	63.0	65.0	51.0
21-Feb-08	0:20:00	57.4	62.0	50.5
21-Feb-08	0:25:00	59.8	64.0	50.5
21-Feb-08	0:30:00	60.2	64.0	50.5
21-Feb-08	0:35:00	64.4	65.5	51.0
21-Feb-08	0:40:00	58.0	63.0	50.0
21-Feb-08	0:45:00	56.7	60.5	50.0
21-Feb-08	0:50:00	58.1	63.0	50.0
21-Feb-08	0:55:00	56.4	60.5	50.0
21-Feb-08	1:00:00	57.2	62.0	50.5
21-Feb-08	1:05:00	58.6	62.5	50.5
21-Feb-08	1:10:00	57.0	62.0	50.0
21-Feb-08	1:15:00	52.5	52.5	50.0
21-Feb-08	1:20:00	56.0	59.5	50.0
21-Feb-08	1:25:00	57.8	62.5	50.5
21-Feb-08	1:30:00	54.5	57.0	49.5
21-Feb-08	1:35:00	58.2	61.0	50.0
21-Feb-08	1:40:00	55.8	57.0	50.0
21-Feb-08	1:45:00	58.6	62.5	50.0
21-Feb-08	1:50:00	59.4	63.5	50.5
21-Feb-08	1:55:00	55.1	57.5	50.0
21-Feb-08	2:00:00	56.6	58.0	50.0
21-Feb-08	2:05:00	53.2	52.0	49.5
21-Feb-08	2:10:00	55.6	60.0	50.0
21-Feb-08	2:15:00	55.6	59.5	50.0
21-Feb-08	2:20:00	56.0	58.5	50.5
21-Feb-08	2:25:00	59.2	63.0	51.0
21-Feb-08	2:30:00	55.4	59.0	50.5
21-Feb-08	2:35:00	58.2	62.5	50.5
21-Feb-08	2:40:00	54.3	56.5	50.0
21-Feb-08	2:45:00	61.2	58.5	50.5
21-Feb-08	2:50:00	57.8	61.5	51.5
21-Feb-08	2:55:00	55.4	59.0	50.5
21-Feb-08	3:00:00	57.5	61.5	50.0
21-Feb-08	3:05:00	53.6	54.0	50.0
21-Feb-08	3:10:00	53.2	53.0	49.5
21-Feb-08	3:15:00	55.7	59.5	50.0
21-Feb-08	3:20:00	54.2	51.0	49.5
21-Feb-08	3:25:00	53.3	53.5	49.5
21-Feb-08	3:30:00	53.8	55.0	49.5
21-Feb-08	3:35:00	54.5	56.5	50.0
21-Feb-08	3:40:00	59.3	60.0	50.0
21-Feb-08	3:45:00	55.3	59.0	50.0
21-Feb-08	3:50:00	53.9	55.0	49.5
21-Feb-08	3:55:00	53.4	54.0	49.5
21-Feb-08	4:00:00	54.2	56.5	50.0
21-Feb-08	4:05:00	54.9	55.0	50.0
21-Feb-08	4:10:00	50.3	50.5	49.5

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
21-Feb-08	4:15:00	51.9	51.5	50.0
21-Feb-08	4:20:00	51.2	51.0	49.5
21-Feb-08	4:25:00	54.7	54.5	49.5
21-Feb-08	4:30:00	51.7	51.5	49.5
21-Feb-08	4:35:00	54.3	55.0	49.5
21-Feb-08	4:40:00	53.2	54.5	49.5
21-Feb-08	4:45:00	51.4	50.5	49.5
21-Feb-08	4:50:00	52.7	53.0	49.5
21-Feb-08	4:55:00	50.5	51.0	49.5
21-Feb-08	5:00:00	54.2	55.5	49.5
21-Feb-08	5:05:00	55.3	56.5	49.5
21-Feb-08	5:10:00	54.7	56.5	49.5
21-Feb-08	5:15:00	54.0	52.0	49.5
21-Feb-08	5:20:00	59.0	57.5	49.5
21-Feb-08	5:25:00	52.9	51.0	49.5
21-Feb-08	5:30:00	51.8	51.0	49.5
21-Feb-08	5:35:00	57.0	55.0	49.5
21-Feb-08	5:40:00	57.8	61.5	50.0
21-Feb-08	5:45:00	55.8	59.5	49.5
21-Feb-08	5:50:00	54.0	56.0	50.0
21-Feb-08	5:55:00	56.6	61.0	50.0
21-Feb-08	6:00:00	53.5	56.5	50.0
21-Feb-08	6:05:00	60.3	63.0	50.0
21-Feb-08	6:10:00	63.0	63.5	50.5
21-Feb-08	6:15:00	59.1	61.5	50.0
21-Feb-08	6:20:00	59.7	63.5	51.0
21-Feb-08	6:25:00	65.1	68.0	51.5
21-Feb-08	6:30:00	61.4	65.5	51.0
21-Feb-08	6:35:00	60.6	64.0	51.5
21-Feb-08	6:40:00	65.6	68.5	54.0
21-Feb-08	6:45:00	66.6	69.5	53.0
21-Feb-08	6:50:00	64.2	66.0	51.5
21-Feb-08	6:55:00	66.9	71.0	53.0
21-Feb-08	23:00:00	66.5	69.5	56.0
21-Feb-08	23:05:00	63.8	67.0	55.5
21-Feb-08	23:10:00	64.9	68.0	55.5
21-Feb-08	23:15:00	65.0	67.5	54.5
21-Feb-08	23:20:00	63.2	66.5	55.0
21-Feb-08	23:25:00	64.5	68.0	55.0
21-Feb-08	23:30:00	63.1	67.5	54.5
21-Feb-08	23:35:00	65.7	67.0	55.5
21-Feb-08	23:40:00	64.7	67.5	56.0
21-Feb-08	23:45:00	65.3	68.0	55.0
21-Feb-08	23:50:00	62.0	65.5	54.0
21-Feb-08	23:55:00	63.4	67.0	54.5
	Mean	60.0	63.0	51.3
	Maximum	66.9	71.0	56.0
	Minimum	50.3	50.5	49.5



**Night Time Noise Level at NC1, 2/F outside the window facing to construction site\***

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
22-Feb-08	0:00:00	64.1	67.0	54.5
22-Feb-08	0:05:00	61.9	66.0	54.5
22-Feb-08	0:10:00	64.1	66.5	54.0
22-Feb-08	0:15:00	61.0	65.0	53.5
22-Feb-08	0:20:00	61.9	66.0	54.0
22-Feb-08	0:25:00	61.2	65.0	54.0
22-Feb-08	0:30:00	59.5	64.0	53.0
22-Feb-08	0:35:00	59.9	64.0	53.5
22-Feb-08	0:40:00	60.7	64.5	53.5
22-Feb-08	0:45:00	60.9	65.0	53.5
22-Feb-08	0:50:00	59.1	63.0	54.0
22-Feb-08	0:55:00	58.6	62.5	53.0
22-Feb-08	1:00:00	58.6	62.5	53.0
22-Feb-08	1:05:00	58.3	62.0	53.0
22-Feb-08	1:10:00	59.4	62.5	52.5
22-Feb-08	1:15:00	60.3	62.5	53.0
22-Feb-08	1:20:00	56.7	60.0	52.5
22-Feb-08	1:25:00	56.8	58.0	52.5
22-Feb-08	1:30:00	57.9	62.0	53.0
22-Feb-08	1:35:00	57.6	61.5	53.0
22-Feb-08	1:40:00	58.9	63.0	53.0
22-Feb-08	1:45:00	58.3	62.5	53.0
22-Feb-08	1:50:00	55.4	57.0	52.5
22-Feb-08	1:55:00	57.2	60.0	52.5
22-Feb-08	2:00:00	60.2	62.5	53.0
22-Feb-08	2:05:00	56.7	59.5	52.5
22-Feb-08	2:10:00	60.1	62.5	52.5
22-Feb-08	2:15:00	57.8	61.0	52.5
22-Feb-08	2:20:00	57.8	61.0	52.5
22-Feb-08	2:25:00	58.0	61.0	53.0
22-Feb-08	2:30:00	58.4	62.5	53.0
22-Feb-08	2:35:00	55.6	56.5	52.5
22-Feb-08	2:40:00	57.8	62.0	53.0
22-Feb-08	2:45:00	57.6	61.0	53.0
22-Feb-08	2:50:00	62.2	56.5	52.5
22-Feb-08	2:55:00	56.2	58.0	53.0
22-Feb-08	3:00:00	57.0	59.5	53.0
22-Feb-08	3:05:00	57.0	57.5	53.0
22-Feb-08	3:10:00	60.1	60.5	53.0
22-Feb-08	3:15:00	56.5	58.5	52.5
22-Feb-08	3:20:00	54.5	55.0	52.5
22-Feb-08	3:25:00	57.0	58.0	53.0
22-Feb-08	3:30:00	54.4	55.5	52.5
22-Feb-08	3:35:00	57.3	59.5	52.5
22-Feb-08	3:40:00	56.4	58.0	52.5
22-Feb-08	3:45:00	56.5	57.5	52.5
22-Feb-08	3:50:00	57.8	58.5	52.5
22-Feb-08	3:55:00	55.1	55.5	53.0
22-Feb-08	4:00:00	56.1	57.5	52.5
22-Feb-08	4:05:00	57.9	59.0	53.5
22-Feb-08	4:10:00	56.3	57.0	53.0

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
22-Feb-08	4:15:00	56.1	56.5	53.0
22-Feb-08	4:20:00	55.6	56.0	53.0
22-Feb-08	4:25:00	54.6	55.5	52.5
22-Feb-08	4:30:00	55.0	55.5	52.5
22-Feb-08	4:35:00	56.5	56.0	52.5
22-Feb-08	4:40:00	55.8	56.0	52.5
22-Feb-08	4:45:00	56.5	56.0	52.5
22-Feb-08	4:50:00	56.5	55.5	52.5
22-Feb-08	4:55:00	55.1	55.5	52.0
22-Feb-08	5:00:00	56.0	56.0	52.5
22-Feb-08	5:05:00	56.2	55.5	52.5
22-Feb-08	5:10:00	56.9	56.0	52.5
22-Feb-08	5:15:00	54.8	55.5	52.5
22-Feb-08	5:20:00	56.5	58.0	52.5
22-Feb-08	5:25:00	54.4	55.5	52.5
22-Feb-08	5:30:00	58.9	57.5	52.5
22-Feb-08	5:35:00	56.8	58.0	53.5
22-Feb-08	5:40:00	55.3	56.5	53.0
22-Feb-08	5:45:00	58.7	62.0	53.0
22-Feb-08	5:50:00	56.5	58.0	53.5
22-Feb-08	5:55:00	58.6	62.5	53.5
22-Feb-08	6:00:00	55.3	56.0	53.0
22-Feb-08	6:05:00	56.1	57.5	53.0
22-Feb-08	6:10:00	58.4	61.5	53.0
22-Feb-08	6:15:00	65.7	68.0	53.5
22-Feb-08	6:20:00	57.2	60.5	53.0
22-Feb-08	6:25:00	60.0	63.0	54.0
22-Feb-08	6:30:00	64.0	68.0	53.0
22-Feb-08	6:35:00	60.5	64.0	54.0
22-Feb-08	6:40:00	65.6	69.5	54.5
22-Feb-08	6:45:00	66.7	69.0	56.5
22-Feb-08	6:50:00	64.9	68.5	55.0
22-Feb-08	6:55:00	65.1	66.5	54.5
22-Feb-08	23:00:00	66.4	67.5	56.5
22-Feb-08	23:05:00	63.3	66.5	57.0
22-Feb-08	23:10:00	64.2	67.0	58.0
22-Feb-08	23:15:00	66.1	69.5	56.5
22-Feb-08	23:20:00	63.7	66.0	57.5
22-Feb-08	23:25:00	64.9	67.0	57.5
22-Feb-08	23:30:00	62.8	66.0	56.5
22-Feb-08	23:35:00	65.1	67.5	56.5
22-Feb-08	23:40:00	64.7	67.0	57.5
22-Feb-08	23:45:00	65.9	67.5	57.0
22-Feb-08	23:50:00	64.9	67.5	57.0
22-Feb-08	23:55:00	62.7	66.0	56.0
	Mean	60.6	63.2	53.8
	Maximum	66.7	69.5	58.0
	Minimum	54.4	55.0	52.0

**Night Time Noise Level at NC1, 2/F outside the window facing to construction site\***

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
23-Feb-08	0:00:00	64.8	66.0	57.0
23-Feb-08	0:05:00	66.3	69.0	56.0
23-Feb-08	0:10:00	65.0	66.5	56.0
23-Feb-08	0:15:00	64.8	67.0	56.0
23-Feb-08	0:20:00	64.9	68.0	56.0
23-Feb-08	0:25:00	64.7	64.5	55.5
23-Feb-08	0:30:00	62.2	65.0	55.5
23-Feb-08	0:35:00	60.2	64.5	55.0
23-Feb-08	0:40:00	62.3	66.5	55.5
23-Feb-08	0:45:00	61.1	64.5	56.0
23-Feb-08	0:50:00	61.3	64.5	55.5
23-Feb-08	0:55:00	61.9	65.5	55.5
23-Feb-08	1:00:00	60.1	64.0	55.5
23-Feb-08	1:05:00	60.5	64.5	55.0
23-Feb-08	1:10:00	62.2	66.0	55.5
23-Feb-08	1:15:00	61.8	65.0	55.5
23-Feb-08	1:20:00	59.4	63.0	55.0
23-Feb-08	1:25:00	59.3	62.5	55.0
23-Feb-08	1:30:00	61.2	65.0	55.0
23-Feb-08	1:35:00	58.8	63.0	55.0
23-Feb-08	1:40:00	63.2	64.5	55.0
23-Feb-08	1:45:00	58.7	62.5	54.5
23-Feb-08	1:50:00	61.1	64.5	55.0
23-Feb-08	1:55:00	59.9	63.5	55.0
23-Feb-08	2:00:00	59.1	62.5	55.0
23-Feb-08	2:05:00	59.5	63.0	55.0
23-Feb-08	2:10:00	59.2	63.0	54.5
23-Feb-08	2:15:00	58.1	61.5	54.5
23-Feb-08	2:20:00	58.7	61.5	54.5
23-Feb-08	2:25:00	58.3	62.0	54.5
23-Feb-08	2:30:00	57.4	58.5	54.5
23-Feb-08	2:35:00	57.5	59.5	55.0
23-Feb-08	2:40:00	58.5	62.5	54.5
23-Feb-08	2:45:00	58.5	62.5	54.5
23-Feb-08	2:50:00	59.7	63.5	55.0
23-Feb-08	2:55:00	58.7	62.0	55.5
23-Feb-08	3:00:00	56.2	57.0	54.5
23-Feb-08	3:05:00	58.4	59.0	54.5
23-Feb-08	3:10:00	57.8	61.0	54.5
23-Feb-08	3:15:00	58.7	62.5	54.5
23-Feb-08	3:20:00	58.3	60.5	54.5
23-Feb-08	3:25:00	58.5	58.0	54.0
23-Feb-08	3:30:00	57.6	60.0	54.5
23-Feb-08	3:35:00	62.6	63.5	54.5
23-Feb-08	3:40:00	57.9	60.5	54.5
23-Feb-08	3:45:00	60.6	64.5	54.5
23-Feb-08	3:50:00	55.4	55.5	54.0
23-Feb-08	3:55:00	58.2	60.5	54.5
23-Feb-08	4:00:00	58.9	63.0	54.5
23-Feb-08	4:05:00	56.8	58.5	54.0
23-Feb-08	4:10:00	55.8	55.5	54.0

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
23-Feb-08	4:15:00	58.2	60.5	54.0
23-Feb-08	4:20:00	57.3	60.5	54.5
23-Feb-08	4:25:00	57.4	60.0	54.5
23-Feb-08	4:30:00	56.9	58.0	54.5
23-Feb-08	4:35:00	58.4	60.0	54.5
23-Feb-08	4:40:00	56.9	56.0	54.5
23-Feb-08	4:45:00	58.1	58.5	54.5
23-Feb-08	4:50:00	58.9	61.5	54.5
23-Feb-08	4:55:00	58.0	61.0	54.5
23-Feb-08	5:00:00	56.5	57.0	54.5
23-Feb-08	5:05:00	57.8	60.5	55.0
23-Feb-08	5:10:00	56.9	57.0	54.5
23-Feb-08	5:15:00	56.3	56.0	54.5
23-Feb-08	5:20:00	56.4	56.5	54.0
23-Feb-08	5:25:00	56.4	56.0	54.0
23-Feb-08	5:30:00	57.0	60.0	54.0
23-Feb-08	5:35:00	58.0	60.5	54.5
23-Feb-08	5:40:00	57.0	58.5	54.0
23-Feb-08	5:45:00	58.2	61.0	54.5
23-Feb-08	5:50:00	63.5	65.0	54.5
23-Feb-08	5:55:00	60.4	62.0	54.5
23-Feb-08	6:00:00	57.8	60.5	54.5
23-Feb-08	6:05:00	62.2	62.0	54.5
23-Feb-08	6:10:00	59.7	61.5	54.0
23-Feb-08	6:15:00	62.6	63.0	54.5
23-Feb-08	6:20:00	60.6	63.5	54.5
23-Feb-08	6:25:00	60.4	63.5	54.5
23-Feb-08	6:30:00	64.0	64.0	54.5
23-Feb-08	6:35:00	61.6	63.0	54.5
23-Feb-08	6:40:00	63.1	64.5	55.0
23-Feb-08	6:45:00	66.3	68.5	55.5
23-Feb-08	6:50:00	63.3	66.5	55.5
23-Feb-08	6:55:00	62.4	64.5	55.0
23-Feb-08	23:00:00	64.3	67.0	57.5
23-Feb-08	23:05:00	65.8	68.0	59.0
23-Feb-08	23:10:00	65.6	68.0	57.0
23-Feb-08	23:15:00	65.0	68.5	58.0
23-Feb-08	23:20:00	64.8	67.5	56.5
23-Feb-08	23:25:00	66.5	69.0	57.0
23-Feb-08	23:30:00	63.6	67.5	56.5
23-Feb-08	23:35:00	65.2	67.5	58.0
23-Feb-08	23:40:00	63.1	66.5	56.0
23-Feb-08	23:45:00	65.6	68.0	56.0
23-Feb-08	23:50:00	62.8	66.5	56.0
23-Feb-08	23:55:00	65.1	67.5	56.0
	Mean	61.5	64.0	55.2
	Maximum	66.5	69.0	59.0
	Minimum	55.4	55.5	54.0

### Night Time Noise Level at NC1, 2/F outside the window facing to construction site\*

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
24-Feb-08	0:00:00	64.8	67.5	57.0
24-Feb-08	0:05:00	63.0	66.5	56.0
24-Feb-08	0:10:00	63.1	66.5	56.0
24-Feb-08	0:15:00	65.2	68.5	56.0
24-Feb-08	0:20:00	64.8	67.5	56.0
24-Feb-08	0:25:00	61.8	65.5	55.5
24-Feb-08	0:30:00	62.0	65.5	55.5
24-Feb-08	0:35:00	62.6	65.5	56.5
24-Feb-08	0:40:00	61.5	65.5	55.5
24-Feb-08	0:45:00	63.7	67.0	56.0
24-Feb-08	0:50:00	62.1	66.0	56.0
24-Feb-08	0:55:00	61.1	65.0	55.0
24-Feb-08	1:00:00	63.1	67.0	55.5
24-Feb-08	1:05:00	62.7	66.5	55.5
24-Feb-08	1:10:00	62.6	66.5	55.5
24-Feb-08	1:15:00	61.3	65.5	55.5
24-Feb-08	1:20:00	60.4	64.5	55.5
24-Feb-08	1:25:00	58.4	60.5	55.0
24-Feb-08	1:30:00	59.4	63.5	55.0
24-Feb-08	1:35:00	60.5	64.0	55.5
24-Feb-08	1:40:00	62.5	66.0	55.0
24-Feb-08	1:45:00	61.4	65.5	55.0
24-Feb-08	1:50:00	61.1	65.0	55.0
24-Feb-08	1:55:00	63.2	67.0	55.5
24-Feb-08	2:00:00	59.9	63.0	55.5
24-Feb-08	2:05:00	61.5	64.5	55.5
24-Feb-08	2:10:00	63.1	65.5	55.5
24-Feb-08	2:15:00	62.6	65.0	55.5
24-Feb-08	2:20:00	58.9	62.5	55.0
24-Feb-08	2:25:00	62.3	65.0	55.0
24-Feb-08	2:30:00	60.6	64.5	54.5
24-Feb-08	2:35:00	62.1	66.0	55.5
24-Feb-08	2:40:00	58.3	61.5	55.0
24-Feb-08	2:45:00	61.2	65.0	55.0
24-Feb-08	2:50:00	59.2	62.0	55.0
24-Feb-08	2:55:00	60.1	62.5	55.0
24-Feb-08	3:00:00	59.7	63.5	55.0
24-Feb-08	3:05:00	60.0	63.5	55.5
24-Feb-08	3:10:00	63.8	64.5	56.5
24-Feb-08	3:15:00	59.0	61.5	55.5
24-Feb-08	3:20:00	60.4	64.0	55.5
24-Feb-08	3:25:00	61.3	64.0	55.0
24-Feb-08	3:30:00	60.2	64.5	54.5
24-Feb-08	3:35:00	60.5	64.0	54.5
24-Feb-08	3:40:00	57.9	61.0	54.5
24-Feb-08	3:45:00	57.7	61.0	54.0
24-Feb-08	3:50:00	61.3	65.0	54.5
24-Feb-08	3:55:00	57.6	58.5	54.0
24-Feb-08	4:00:00	57.6	60.0	54.0
24-Feb-08	4:05:00	55.5	55.5	53.5
24-Feb-08	4:10:00	57.6	60.5	54.0

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
24-Feb-08	4:15:00	56.8	57.0	54.0
24-Feb-08	4:20:00	58.6	61.5	54.5
24-Feb-08	4:25:00	59.4	61.0	55.0
24-Feb-08	4:30:00	58.9	62.0	55.0
24-Feb-08	4:35:00	59.0	60.5	54.5
24-Feb-08	4:40:00	59.1	62.5	54.5
24-Feb-08	4:45:00	59.0	61.5	54.5
24-Feb-08	4:50:00	56.7	57.0	54.0
24-Feb-08	4:55:00	55.7	57.0	54.0
24-Feb-08	5:00:00	56.9	59.5	54.0
24-Feb-08	5:05:00	57.7	60.5	54.5
24-Feb-08	5:10:00	57.7	60.5	54.5
24-Feb-08	5:15:00	56.0	58.0	54.0
24-Feb-08	5:20:00	56.8	58.5	54.0
24-Feb-08	5:25:00	58.5	62.0	54.5
24-Feb-08	5:30:00	58.9	62.0	54.5
24-Feb-08	5:35:00	58.0	61.0	54.0
24-Feb-08	5:40:00	58.9	61.5	54.5
24-Feb-08	5:45:00	60.6	62.0	54.0
24-Feb-08	5:50:00	57.2	59.0	54.0
24-Feb-08	5:55:00	57.4	59.0	54.0
24-Feb-08	6:00:00	59.7	62.5	54.5
24-Feb-08	6:05:00	58.7	60.5	54.5
24-Feb-08	6:10:00	60.9	62.0	54.5
24-Feb-08	6:15:00	59.4	63.0	54.5
24-Feb-08	6:20:00	61.8	62.0	54.0
24-Feb-08	6:25:00	62.9	65.5	54.5
24-Feb-08	6:30:00	59.8	62.5	54.5
24-Feb-08	6:35:00	59.9	64.0	54.0
24-Feb-08	6:40:00	62.2	65.0	54.5
24-Feb-08	6:45:00	60.2	63.5	54.5
24-Feb-08	6:50:00	62.7	65.5	54.5
24-Feb-08	6:55:00	61.7	65.0	54.5
24-Feb-08	23:00:00	64.0	67.0	55.0
24-Feb-08	23:05:00	64.5	67.5	55.0
24-Feb-08	23:10:00	65.5	66.0	55.5
24-Feb-08	23:15:00	65.5	68.0	55.0
24-Feb-08	23:20:00	61.3	65.0	54.5
24-Feb-08	23:25:00	66.0	69.0	55.5
24-Feb-08	23:30:00	62.2	66.0	55.0
24-Feb-08	23:35:00	63.4	67.0	55.5
24-Feb-08	23:40:00	60.2	63.0	55.0
24-Feb-08	23:45:00	64.2	67.0	56.0
24-Feb-08	23:50:00	60.9	64.5	54.0
24-Feb-08	23:55:00	61.1	64.5	55.0
	Mean	61.3	64.3	55.0
	Maximum	66.0	69.0	57.0
	Minimum	55.5	55.5	53.5

### Night Time Noise Level at NC1, 2/F outside the window facing to construction site\*

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
25-Feb-08	0:00:00	64.8	68.0	55.0
25-Feb-08	0:05:00	62.5	66.0	54.5
25-Feb-08	0:10:00	61.0	64.5	54.5
25-Feb-08	0:15:00	64.8	67.5	55.0
25-Feb-08	0:20:00	62.6	65.5	55.0
25-Feb-08	0:25:00	63.5	66.0	55.5
25-Feb-08	0:30:00	63.5	64.0	54.0
25-Feb-08	0:35:00	60.3	63.5	54.5
25-Feb-08	0:40:00	63.3	66.5	58.0
25-Feb-08	0:45:00	60.6	64.5	55.0
25-Feb-08	0:50:00	59.8	63.0	54.0
25-Feb-08	0:55:00	61.2	65.0	54.5
25-Feb-08	1:00:00	59.2	63.0	54.0
25-Feb-08	1:05:00	59.2	63.5	54.0
25-Feb-08	1:10:00	58.1	61.5	53.5
25-Feb-08	1:15:00	56.9	57.5	53.5
25-Feb-08	1:20:00	61.7	64.5	55.0
25-Feb-08	1:25:00	56.6	59.5	53.5
25-Feb-08	1:30:00	58.5	61.5	53.5
25-Feb-08	1:35:00	58.1	61.0	53.5
25-Feb-08	1:40:00	57.1	60.0	53.5
25-Feb-08	1:45:00	56.0	58.0	53.0
25-Feb-08	1:50:00	54.7	55.0	53.5
25-Feb-08	1:55:00	56.1	58.0	53.5
25-Feb-08	2:00:00	56.8	59.0	54.0
25-Feb-08	2:05:00	59.5	63.5	54.5
25-Feb-08	2:10:00	59.8	62.5	53.5
25-Feb-08	2:15:00	57.7	61.5	53.5
25-Feb-08	2:20:00	60.2	64.5	53.5
25-Feb-08	2:25:00	56.5	58.0	53.5
25-Feb-08	2:30:00	58.1	61.0	54.0
25-Feb-08	2:35:00	57.6	60.0	54.0
25-Feb-08	2:40:00	62.8	62.5	54.0
25-Feb-08	2:45:00	59.4	63.0	54.0
25-Feb-08	2:50:00	58.2	61.5	54.0
25-Feb-08	2:55:00	58.5	61.5	54.0
25-Feb-08	3:00:00	56.4	58.5	53.5
25-Feb-08	3:05:00	56.6	58.5	53.5
25-Feb-08	3:10:00	57.6	60.0	54.0
25-Feb-08	3:15:00	59.2	61.5	53.5
25-Feb-08	3:20:00	55.9	57.5	53.5
25-Feb-08	3:25:00	55.9	57.5	53.5
25-Feb-08	3:30:00	57.3	59.0	53.5
25-Feb-08	3:35:00	61.2	56.5	53.5
25-Feb-08	3:40:00	54.6	54.5	53.0
25-Feb-08	3:45:00	55.7	55.5	53.5
25-Feb-08	3:50:00	57.9	58.5	53.5
25-Feb-08	3:55:00	56.6	58.0	53.0
25-Feb-08	4:00:00	54.5	55.0	53.5
25-Feb-08	4:05:00	55.0	55.5	53.5
25-Feb-08	4:10:00	54.5	54.0	53.0

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
25-Feb-08	4:15:00	55.4	57.0	53.5
25-Feb-08	4:20:00	56.7	58.5	53.5
25-Feb-08	4:25:00	56.6	58.0	54.0
25-Feb-08	4:30:00	55.4	56.5	53.5
25-Feb-08	4:35:00	55.9	56.0	53.5
25-Feb-08	4:40:00	54.4	54.5	53.0
25-Feb-08	4:45:00	54.9	54.5	53.0
25-Feb-08	4:50:00	55.2	55.0	53.5
25-Feb-08	4:55:00	60.1	65.5	53.5
25-Feb-08	5:00:00	60.0	63.5	56.5
25-Feb-08	5:05:00	57.6	58.5	55.0
25-Feb-08	5:10:00	58.0	60.0	54.5
25-Feb-08	5:15:00	61.9	62.5	54.5
25-Feb-08	5:20:00	55.3	56.5	54.0
25-Feb-08	5:25:00	57.2	59.5	54.0
25-Feb-08	5:30:00	60.8	64.5	54.0
25-Feb-08	5:35:00	57.1	59.0	54.5
25-Feb-08	5:40:00	59.5	63.0	54.5
25-Feb-08	5:45:00	57.2	59.0	54.0
25-Feb-08	5:50:00	59.0	62.5	54.5
25-Feb-08	5:55:00	60.1	61.5	54.5
25-Feb-08	6:00:00	62.6	65.5	54.5
25-Feb-08	6:05:00	61.4	62.5	55.0
25-Feb-08	6:10:00	60.1	64.5	54.0
25-Feb-08	6:15:00	60.6	63.5	54.5
25-Feb-08	6:20:00	65.6	66.5	54.5
25-Feb-08	6:25:00	60.4	64.0	54.5
25-Feb-08	6:30:00	64.9	68.5	56.0
25-Feb-08	6:35:00	64.8	68.5	55.5
25-Feb-08	6:40:00	62.9	66.0	56.0
25-Feb-08	6:45:00	64.4	67.0	55.5
25-Feb-08	6:50:00	68.6	71.5	56.0
25-Feb-08	6:55:00	63.0	66.5	55.0
25-Feb-08	23:00:00	63.9	67.5	54.5
25-Feb-08	23:05:00	61.9	65.5	54.5
25-Feb-08	23:10:00	65.3	68.5	54.5
25-Feb-08	23:15:00	65.6	66.0	54.0
25-Feb-08	23:20:00	62.5	66.0	54.5
25-Feb-08	23:25:00	64.9	67.5	55.0
25-Feb-08	23:30:00	64.0	66.0	54.0
25-Feb-08	23:35:00	62.0	65.5	54.0
25-Feb-08	23:40:00	64.7	68.0	54.5
25-Feb-08	23:45:00	64.3	67.0	54.0
25-Feb-08	23:50:00	60.8	65.0	54.0
25-Feb-08	23:55:00	66.0	68.0	54.0
	Mean	61.0	63.7	54.2
	Maximum	68.6	71.5	58.0
	Minimum	54.4	54.0	53.0

**Night Time Noise Level at NC1, 2/F outside the window facing to construction site\***

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
26-Feb-08	0:00:00	61.5	65.5	54.0
26-Feb-08	0:05:00	62.3	65.5	54.5
26-Feb-08	0:10:00	63.0	65.0	54.0
26-Feb-08	0:15:00	60.1	64.5	53.5
26-Feb-08	0:20:00	61.9	65.5	54.0
26-Feb-08	0:25:00	59.4	63.0	53.5
26-Feb-08	0:30:00	62.4	64.0	54.0
26-Feb-08	0:35:00	60.0	64.0	53.5
26-Feb-08	0:40:00	60.6	63.5	54.0
26-Feb-08	0:45:00	59.4	64.0	53.5
26-Feb-08	0:50:00	56.9	60.0	53.5
26-Feb-08	0:55:00	59.2	63.0	53.5
26-Feb-08	1:00:00	59.2	63.0	53.5
26-Feb-08	1:05:00	56.2	55.5	53.5
26-Feb-08	1:10:00	54.9	54.5	53.0
26-Feb-08	1:15:00	57.3	61.0	53.0
26-Feb-08	1:20:00	57.2	60.5	53.5
26-Feb-08	1:25:00	58.8	62.0	53.5
26-Feb-08	1:30:00	57.0	60.5	53.5
26-Feb-08	1:35:00	67.7	67.0	53.5
26-Feb-08	1:40:00	59.8	63.0	53.5
26-Feb-08	1:45:00	57.3	60.5	53.5
26-Feb-08	1:50:00	57.3	60.0	53.5
26-Feb-08	1:55:00	57.2	60.5	53.5
26-Feb-08	2:00:00	56.2	56.5	53.0
26-Feb-08	2:05:00	55.3	54.5	53.5
26-Feb-08	2:10:00	58.4	59.0	53.0
26-Feb-08	2:15:00	56.3	59.5	53.0
26-Feb-08	2:20:00	56.3	57.0	53.0
26-Feb-08	2:25:00	57.1	60.5	53.0
26-Feb-08	2:30:00	61.0	62.5	53.5
26-Feb-08	2:35:00	61.8	64.0	53.5
26-Feb-08	2:40:00	56.1	58.5	53.0
26-Feb-08	2:45:00	55.6	57.5	53.0
26-Feb-08	2:50:00	60.6	61.5	53.5
26-Feb-08	2:55:00	56.1	58.0	53.5
26-Feb-08	3:00:00	54.8	55.0	53.0
26-Feb-08	3:05:00	55.3	56.5	53.5
26-Feb-08	3:10:00	56.0	55.5	53.5
26-Feb-08	3:15:00	55.1	54.5	53.0
26-Feb-08	3:20:00	61.7	62.0	53.5
26-Feb-08	3:25:00	55.3	56.0	53.5
26-Feb-08	3:30:00	54.7	54.5	53.5
26-Feb-08	3:35:00	56.4	56.5	53.5
26-Feb-08	3:40:00	55.1	55.5	53.0
26-Feb-08	3:45:00	59.6	61.0	53.5
26-Feb-08	3:50:00	54.7	54.5	53.0
26-Feb-08	3:55:00	56.3	55.5	53.5
26-Feb-08	4:00:00	54.3	54.5	53.5
26-Feb-08	4:05:00	55.1	54.5	53.5
26-Feb-08	4:10:00	54.9	54.5	53.0

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
26-Feb-08	4:15:00	55.7	54.5	53.5
26-Feb-08	4:20:00	54.8	54.5	53.0
26-Feb-08	4:25:00	54.6	54.5	53.5
26-Feb-08	4:30:00	54.3	54.5	53.5
26-Feb-08	4:35:00	53.9	54.0	53.5
26-Feb-08	4:40:00	55.0	55.0	53.5
26-Feb-08	4:45:00	55.6	56.0	53.5
26-Feb-08	4:50:00	58.7	54.5	53.5
26-Feb-08	4:55:00	54.6	54.5	53.5
26-Feb-08	5:00:00	55.9	56.0	53.5
26-Feb-08	5:05:00	54.0	54.5	53.5
26-Feb-08	5:10:00	57.1	57.5	53.5
26-Feb-08	5:15:00	61.2	63.0	53.5
26-Feb-08	5:20:00	55.8	57.0	53.5
26-Feb-08	5:25:00	54.5	54.5	53.5
26-Feb-08	5:30:00	61.1	60.5	53.5
26-Feb-08	5:35:00	54.8	55.0	53.5
26-Feb-08	5:40:00	56.9	60.0	53.5
26-Feb-08	5:45:00	58.9	58.5	53.5
26-Feb-08	5:50:00	57.4	58.0	53.5
26-Feb-08	5:55:00	58.2	60.0	53.5
26-Feb-08	6:00:00	55.5	55.5	53.5
26-Feb-08	6:05:00	57.6	61.5	53.5
26-Feb-08	6:10:00	57.3	60.0	53.5
26-Feb-08	6:15:00	65.1	64.5	54.0
26-Feb-08	6:20:00	56.9	58.0	53.5
26-Feb-08	6:25:00	64.8	67.0	54.0
26-Feb-08	6:30:00	61.8	65.5	54.5
26-Feb-08	6:35:00	63.9	66.5	54.5
26-Feb-08	6:40:00	63.8	68.5	54.5
26-Feb-08	6:45:00	69.3	72.5	56.5
26-Feb-08	6:50:00	65.7	68.5	54.5
26-Feb-08	6:55:00	64.1	67.5	54.5
26-Feb-08	23:00:00	65.3	67.5	55.0
26-Feb-08	23:05:00	64.8	67.5	54.5
26-Feb-08	23:10:00	66.2	69.0	55.0
26-Feb-08	23:15:00	62.5	66.0	55.0
26-Feb-08	23:20:00	67.6	68.5	54.5
26-Feb-08	23:25:00	63.4	65.5	54.0
26-Feb-08	23:30:00	63.2	66.5	54.5
26-Feb-08	23:35:00	63.0	66.0	55.0
26-Feb-08	23:40:00	63.9	66.5	54.5
26-Feb-08	23:45:00	61.9	66.0	54.5
26-Feb-08	23:50:00	61.7	65.5	54.0
26-Feb-08	23:55:00	61.4	65.0	54.0
	Mean	60.7	63.1	53.7
	Maximum	69.3	72.5	56.5
	Minimum	53.9	54.0	53.0

**Night Time Noise Level at NC1, 2/F outside the window facing to construction site\***

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
27-Feb-08	0:00:00	61.7	65.0	55.0
27-Feb-08	0:05:00	63.6	66.0	54.5
27-Feb-08	0:10:00	62.4	65.0	54.0
27-Feb-08	0:15:00	62.4	65.0	54.0
27-Feb-08	0:20:00	61.2	65.0	54.0
27-Feb-08	0:25:00	58.2	62.0	54.0
27-Feb-08	0:30:00	59.8	64.0	54.0
27-Feb-08	0:35:00	60.5	63.5	54.0
27-Feb-08	0:40:00	59.9	64.5	54.0
27-Feb-08	0:45:00	60.8	63.5	54.0
27-Feb-08	0:50:00	59.2	63.5	54.0
27-Feb-08	0:55:00	59.9	64.5	54.0
27-Feb-08	1:00:00	58.7	63.0	53.5
27-Feb-08	1:05:00	58.7	62.0	53.5
27-Feb-08	1:10:00	59.8	63.0	53.5
27-Feb-08	1:15:00	56.0	56.5	53.5
27-Feb-08	1:20:00	58.7	62.5	53.5
27-Feb-08	1:25:00	58.1	62.5	53.5
27-Feb-08	1:30:00	58.5	63.0	53.5
27-Feb-08	1:35:00	57.7	61.0	53.5
27-Feb-08	1:40:00	57.5	61.0	53.5
27-Feb-08	1:45:00	55.6	56.0	53.5
27-Feb-08	1:50:00	57.7	60.5	53.5
27-Feb-08	1:55:00	57.2	61.5	53.5
27-Feb-08	2:00:00	55.3	55.5	53.5
27-Feb-08	2:05:00	57.8	61.5	53.5
27-Feb-08	2:10:00	56.9	58.0	53.5
27-Feb-08	2:15:00	58.4	62.5	53.5
27-Feb-08	2:20:00	54.3	54.5	53.5
27-Feb-08	2:25:00	58.8	54.5	53.0
27-Feb-08	2:30:00	59.9	58.5	53.5
27-Feb-08	2:35:00	53.8	54.0	53.0
27-Feb-08	2:40:00	60.1	60.0	53.5
27-Feb-08	2:45:00	56.1	56.0	53.0
27-Feb-08	2:50:00	57.2	60.5	53.5
27-Feb-08	2:55:00	54.2	54.5	53.0
27-Feb-08	3:00:00	61.9	62.5	53.5
27-Feb-08	3:05:00	58.0	56.0	53.5
27-Feb-08	3:10:00	57.2	57.5	53.0
27-Feb-08	3:15:00	56.0	58.5	53.5
27-Feb-08	3:20:00	57.2	59.5	53.5
27-Feb-08	3:25:00	56.0	58.0	53.0
27-Feb-08	3:30:00	58.8	58.0	53.0
27-Feb-08	3:35:00	55.9	56.0	53.0
27-Feb-08	3:40:00	55.6	55.5	53.0
27-Feb-08	3:45:00	56.4	56.5	53.5
27-Feb-08	3:50:00	55.9	59.0	53.5
27-Feb-08	3:55:00	54.4	54.5	53.0
27-Feb-08	4:00:00	54.8	54.5	53.5
27-Feb-08	4:05:00	56.2	56.0	53.5
27-Feb-08	4:10:00	55.3	55.0	53.5

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
27-Feb-08	4:15:00	56.8	57.0	53.0
27-Feb-08	4:20:00	55.0	54.5	53.0
27-Feb-08	4:25:00	57.6	60.0	53.5
27-Feb-08	4:30:00	56.3	54.5	53.0
27-Feb-08	4:35:00	54.6	54.5	53.0
27-Feb-08	4:40:00	54.9	54.5	53.0
27-Feb-08	4:45:00	57.4	55.5	53.0
27-Feb-08	4:50:00	58.3	58.0	53.5
27-Feb-08	4:55:00	57.5	61.5	53.5
27-Feb-08	5:00:00	55.8	54.5	53.5
27-Feb-08	5:05:00	55.3	55.0	53.0
27-Feb-08	5:10:00	55.4	55.5	53.5
27-Feb-08	5:15:00	57.6	57.5	53.5
27-Feb-08	5:20:00	60.5	62.0	53.5
27-Feb-08	5:25:00	54.5	54.5	53.0
27-Feb-08	5:30:00	54.0	54.5	53.0
27-Feb-08	5:35:00	53.7	54.0	53.0
27-Feb-08	5:40:00	55.4	55.5	53.0
27-Feb-08	5:45:00	62.7	55.5	53.0
27-Feb-08	5:50:00	55.4	56.0	53.5
27-Feb-08	5:55:00	58.4	61.5	53.0
27-Feb-08	6:00:00	57.1	59.0	53.5
27-Feb-08	6:05:00	64.1	65.0	53.5
27-Feb-08	6:10:00	62.0	65.0	53.5
27-Feb-08	6:15:00	61.4	64.5	53.5
27-Feb-08	6:20:00	59.5	62.0	54.0
27-Feb-08	6:25:00	59.0	62.5	53.5
27-Feb-08	6:30:00	65.0	68.5	54.5
27-Feb-08	6:35:00	63.0	66.5	54.0
27-Feb-08	6:40:00	67.8	71.0	54.0
27-Feb-08	6:45:00	65.5	70.0	55.5
27-Feb-08	6:50:00	65.0	67.0	54.5
27-Feb-08	6:55:00	65.8	69.5	55.0
27-Feb-08	23:00:00	65.4	68.5	57.0
27-Feb-08	23:05:00	63.3	67.0	56.5
27-Feb-08	23:10:00	64.6	68.0	56.5
27-Feb-08	23:15:00	63.8	66.5	56.0
27-Feb-08	23:20:00	64.3	67.0	57.0
27-Feb-08	23:25:00	65.0	67.5	57.5
27-Feb-08	23:30:00	62.3	66.0	56.0
27-Feb-08	23:35:00	64.7	67.0	56.5
27-Feb-08	23:40:00	63.3	66.0	56.5
27-Feb-08	23:45:00	64.6	66.5	56.0
27-Feb-08	23:50:00	63.7	66.0	56.0
27-Feb-08	23:55:00	64.9	68.0	56.0
	Mean	60.6	63.2	54.1
	Maximum	67.8	71.0	57.5
	Minimum	53.7	54.0	53.0

**Night Time Noise Level at NC1, 2/F outside the window facing to construction site\***

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
28-Feb-08	0:00:00	66.7	65.5	56.5
28-Feb-08	0:05:00	63.3	65.5	56.0
28-Feb-08	0:10:00	63.5	67.0	56.0
28-Feb-08	0:15:00	61.8	64.5	56.0
28-Feb-08	0:20:00	61.7	65.5	56.0
28-Feb-08	0:25:00	62.7	65.0	55.5
28-Feb-08	0:30:00	62.1	65.5	56.0
28-Feb-08	0:35:00	59.0	61.5	55.5
28-Feb-08	0:40:00	62.7	65.5	55.5
28-Feb-08	0:45:00	58.0	60.5	55.5
28-Feb-08	0:50:00	65.9	65.0	55.5
28-Feb-08	0:55:00	60.0	64.0	55.5
28-Feb-08	1:00:00	58.1	60.5	55.5
28-Feb-08	1:05:00	58.8	62.0	55.5
28-Feb-08	1:10:00	58.5	62.0	55.5
28-Feb-08	1:15:00	59.5	63.0	55.5
28-Feb-08	1:20:00	58.7	61.0	55.5
28-Feb-08	1:25:00	58.4	61.0	55.5
28-Feb-08	1:30:00	58.6	61.0	55.5
28-Feb-08	1:35:00	57.1	57.0	55.0
28-Feb-08	1:40:00	57.8	60.0	55.5
28-Feb-08	1:45:00	57.2	58.5	55.5
28-Feb-08	1:50:00	57.8	59.0	55.5
28-Feb-08	1:55:00	61.5	64.5	55.5
28-Feb-08	2:00:00	59.0	62.5	55.5
28-Feb-08	2:05:00	59.4	63.0	55.5
28-Feb-08	2:10:00	58.1	61.0	55.5
28-Feb-08	2:15:00	58.7	62.0	55.5
28-Feb-08	2:20:00	56.6	56.5	55.5
28-Feb-08	2:25:00	59.9	58.0	55.5
28-Feb-08	2:30:00	58.8	61.5	55.5
28-Feb-08	2:35:00	59.3	61.0	55.0
28-Feb-08	2:40:00	56.8	57.0	55.0
28-Feb-08	2:45:00	58.7	61.5	55.5
28-Feb-08	2:50:00	58.6	60.5	56.0
28-Feb-08	2:55:00	58.1	60.0	55.5
28-Feb-08	3:00:00	65.2	66.5	55.5
28-Feb-08	3:05:00	57.3	57.5	55.0
28-Feb-08	3:10:00	59.5	62.5	55.5
28-Feb-08	3:15:00	57.1	57.5	55.5
28-Feb-08	3:20:00	57.4	57.0	55.5
28-Feb-08	3:25:00	56.5	56.5	55.0
28-Feb-08	3:30:00	56.0	56.0	55.0
28-Feb-08	3:35:00	57.1	57.0	55.0
28-Feb-08	3:40:00	55.8	56.0	55.0
28-Feb-08	3:45:00	59.4	60.0	55.5
28-Feb-08	3:50:00	58.2	60.5	55.5
28-Feb-08	3:55:00	57.2	56.5	55.5
28-Feb-08	4:00:00	58.2	58.5	55.5
28-Feb-08	4:05:00	57.1	56.5	55.0
28-Feb-08	4:10:00	58.7	57.5	55.5

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
28-Feb-08	4:15:00	56.8	56.5	55.0
28-Feb-08	4:20:00	57.7	57.0	55.5
28-Feb-08	4:25:00	57.4	58.5	55.5
28-Feb-08	4:30:00	56.1	56.0	55.0
28-Feb-08	4:35:00	56.3	56.5	55.5
28-Feb-08	4:40:00	56.3	56.5	55.0
28-Feb-08	4:45:00	56.8	56.5	55.5
28-Feb-08	4:50:00	56.9	57.0	55.5
28-Feb-08	4:55:00	57.1	57.5	55.5
28-Feb-08	5:00:00	56.9	56.5	55.5
28-Feb-08	5:05:00	56.1	56.5	55.5
28-Feb-08	5:10:00	56.3	56.5	55.5
28-Feb-08	5:15:00	56.8	56.5	55.5
28-Feb-08	5:20:00	56.6	56.5	55.5
28-Feb-08	5:25:00	60.4	59.5	55.5
28-Feb-08	5:30:00	57.1	57.0	55.5
28-Feb-08	5:35:00	57.1	57.0	55.5
28-Feb-08	5:40:00	58.3	59.5	55.5
28-Feb-08	5:45:00	57.8	59.5	55.5
28-Feb-08	5:50:00	57.1	57.5	55.5
28-Feb-08	5:55:00	61.4	62.0	55.5
28-Feb-08	6:00:00	58.8	59.5	55.5
28-Feb-08	6:05:00	58.9	61.5	55.5
28-Feb-08	6:10:00	58.2	60.0	55.5
28-Feb-08	6:15:00	65.9	68.5	55.5
28-Feb-08	6:20:00	58.5	61.0	56.0
28-Feb-08	6:25:00	60.8	64.5	57.0
28-Feb-08	6:30:00	64.2	68.5	57.5
28-Feb-08	6:35:00	63.0	65.5	57.0
28-Feb-08	6:40:00	66.2	69.5	57.5
28-Feb-08	6:45:00	68.9	71.0	57.5
28-Feb-08	6:50:00	66.6	68.0	57.0
28-Feb-08	6:55:00	65.9	69.5	57.0
28-Feb-08	23:00:00	64.5	69.0	55.5
28-Feb-08	23:05:00	66.2	68.5	56.0
28-Feb-08	23:10:00	63.7	66.5	56.0
28-Feb-08	23:15:00	64.8	68.0	56.0
28-Feb-08	23:20:00	64.7	68.5	56.0
28-Feb-08	23:25:00	62.1	64.5	55.5
28-Feb-08	23:30:00	62.0	65.5	55.0
28-Feb-08	23:35:00	63.8	67.0	55.5
28-Feb-08	23:40:00	62.7	66.5	55.0
28-Feb-08	23:45:00	62.3	66.5	55.0
28-Feb-08	23:50:00	62.6	66.5	55.5
28-Feb-08	23:55:00	66.0	69.5	55.5
	Mean	61.2	63.6	55.7
	Maximum	68.9	71.0	57.5
	Minimum	55.8	56.0	55.0

### Night Time Noise Level at NC1, 2/F outside the window facing to construction site\*

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
29-Feb-08	0:00:00	64.2	66.5	55.5
29-Feb-08	0:05:00	63.8	67.0	56.0
29-Feb-08	0:10:00	60.8	65.0	54.5
29-Feb-08	0:15:00	62.8	66.0	55.0
29-Feb-08	0:20:00	61.6	65.0	55.0
29-Feb-08	0:25:00	62.6	66.0	55.5
29-Feb-08	0:30:00	59.2	61.5	54.5
29-Feb-08	0:35:00	63.3	66.0	55.0
29-Feb-08	0:40:00	59.2	62.5	54.5
29-Feb-08	0:45:00	59.9	63.5	54.5
29-Feb-08	0:50:00	60.4	65.0	54.5
29-Feb-08	0:55:00	59.1	63.0	54.5
29-Feb-08	1:00:00	58.9	62.5	54.0
29-Feb-08	1:05:00	60.7	65.0	54.5
29-Feb-08	1:10:00	56.8	58.0	54.0
29-Feb-08	1:15:00	58.7	61.5	54.0
29-Feb-08	1:20:00	58.6	59.5	54.0
29-Feb-08	1:25:00	58.5	61.5	54.0
29-Feb-08	1:30:00	57.6	61.0	54.0
29-Feb-08	1:35:00	59.5	63.5	54.0
29-Feb-08	1:40:00	57.6	61.0	54.0
29-Feb-08	1:45:00	56.1	56.0	53.5
29-Feb-08	1:50:00	57.4	60.5	54.0
29-Feb-08	1:55:00	57.2	57.5	54.0
29-Feb-08	2:00:00	56.6	58.0	53.5
29-Feb-08	2:05:00	58.8	60.0	54.0
29-Feb-08	2:10:00	61.3	62.5	54.0
29-Feb-08	2:15:00	57.3	60.5	54.0
29-Feb-08	2:20:00	58.1	61.5	54.0
29-Feb-08	2:25:00	57.2	59.5	54.0
29-Feb-08	2:30:00	57.3	57.5	53.5
29-Feb-08	2:35:00	56.1	56.5	54.0
29-Feb-08	2:40:00	55.4	55.5	54.0
29-Feb-08	2:45:00	58.1	61.5	54.0
29-Feb-08	2:50:00	61.5	62.0	54.0
29-Feb-08	2:55:00	55.4	55.5	54.0
29-Feb-08	3:00:00	57.9	60.0	54.0
29-Feb-08	3:05:00	56.4	57.0	54.0
29-Feb-08	3:10:00	55.5	56.0	54.0
29-Feb-08	3:15:00	57.3	59.5	54.5
29-Feb-08	3:20:00	60.3	62.0	54.0
29-Feb-08	3:25:00	58.0	60.0	54.5
29-Feb-08	3:30:00	56.4	58.0	54.0
29-Feb-08	3:35:00	58.5	61.0	54.5
29-Feb-08	3:40:00	56.3	56.0	54.5
29-Feb-08	3:45:00	57.3	59.0	54.5
29-Feb-08	3:50:00	58.3	58.5	54.5
29-Feb-08	3:55:00	58.7	59.5	54.5
29-Feb-08	4:00:00	57.1	56.0	54.5
29-Feb-08	4:05:00	55.9	56.0	54.5
29-Feb-08	4:10:00	56.4	56.0	54.5

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
29-Feb-08	4:15:00	57.4	57.5	54.5
29-Feb-08	4:20:00	57.7	56.0	54.5
29-Feb-08	4:25:00	55.8	56.0	54.5
29-Feb-08	4:30:00	56.0	56.0	54.5
29-Feb-08	4:35:00	56.7	56.5	54.5
29-Feb-08	4:40:00	56.6	58.0	54.5
29-Feb-08	4:45:00	55.9	56.0	54.5
29-Feb-08	4:50:00	59.4	61.0	54.5
29-Feb-08	4:55:00	56.0	56.0	54.0
29-Feb-08	5:00:00	55.5	55.5	54.0
29-Feb-08	5:05:00	55.4	55.5	54.0
29-Feb-08	5:10:00	56.6	57.5	54.5
29-Feb-08	5:15:00	55.8	55.5	54.0
29-Feb-08	5:20:00	60.5	60.0	54.5
29-Feb-08	5:25:00	56.8	58.5	54.5
29-Feb-08	5:30:00	55.1	55.5	54.0
29-Feb-08	5:35:00	60.0	62.0	54.5
29-Feb-08	5:40:00	55.7	56.0	54.5
29-Feb-08	5:45:00	61.0	62.0	54.5
29-Feb-08	5:50:00	58.4	61.5	54.5
29-Feb-08	5:55:00	57.9	60.5	54.5
29-Feb-08	6:00:00	57.1	59.0	54.5
29-Feb-08	6:05:00	59.1	62.0	54.5
29-Feb-08	6:10:00	57.2	58.0	54.5
29-Feb-08	6:15:00	63.7	67.0	55.0
29-Feb-08	6:20:00	61.5	63.5	55.0
29-Feb-08	6:25:00	65.2	69.0	55.0
29-Feb-08	6:30:00	62.5	64.0	55.5
29-Feb-08	6:35:00	65.2	68.0	55.5
29-Feb-08	6:40:00	68.0	71.0	56.5
29-Feb-08	6:45:00	66.3	68.5	56.0
29-Feb-08	6:50:00	64.7	68.5	56.0
29-Feb-08	6:55:00	67.2	71.0	57.5
29-Feb-08	23:00:00	63.9	67.0	57.0
29-Feb-08	23:05:00	65.7	67.5	56.5
29-Feb-08	23:10:00	64.1	67.5	56.0
29-Feb-08	23:15:00	64.0	67.0	57.0
29-Feb-08	23:20:00	65.7	68.0	57.0
29-Feb-08	23:25:00	63.8	67.0	56.5
29-Feb-08	23:30:00	64.4	67.0	56.0
29-Feb-08	23:35:00	63.8	66.5	56.0
29-Feb-08	23:40:00	61.1	64.5	55.5
29-Feb-08	23:45:00	63.4	66.0	56.5
29-Feb-08	23:50:00	64.5	67.0	56.0
29-Feb-08	23:55:00	63.7	66.0	56.0
	Mean	60.9	63.5	54.8
	Maximum	68.0	71.0	57.5
	Minimum	55.1	55.5	53.5

Summary of Night Time Noise Level at NC1, 2/F outside the window facing to construction site			
	Leq	L10	L90
Mean	60.7	63.5	53.4
Max	69.3	72.5	59.0
Min	47.8	47.5	41.5



### Night Time Noise Level at NC2 The Legend\*

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
12-Feb-08	0:02:00	55.9	58.6	51.6
12-Feb-08	0:07:00	56.1	58.7	51.8
12-Feb-08	0:12:00	53.9	56.4	50.3
12-Feb-08	0:17:00	53.8	56.4	50.8
12-Feb-08	0:22:00	53.6	56.0	50.2
12-Feb-08	0:27:00	55.3	58.4	50.5
12-Feb-08	0:32:00	53.9	56.6	50.6
12-Feb-08	0:37:00	53.1	55.8	49.3
12-Feb-08	0:42:00	53.7	56.1	50.2
12-Feb-08	0:47:00	52.6	55.1	49.2
12-Feb-08	0:52:00	52.3	55.2	48.7
12-Feb-08	0:57:00	50.7	52.6	48.9
12-Feb-08	1:02:00	52.5	55.2	49.2
12-Feb-08	1:07:00	51.4	53.5	48.9
12-Feb-08	1:12:00	51.7	53.6	49.2
12-Feb-08	1:17:00	53.1	55.9	49.3
12-Feb-08	1:22:00	55.9	57.1	48.7
12-Feb-08	1:27:00	53.4	56.3	48.7
12-Feb-08	1:32:00	52.5	55.5	48.9
12-Feb-08	1:37:00	52.4	55.7	48.0
12-Feb-08	1:42:00	49.8	52.0	47.6
12-Feb-08	1:47:00	49.9	52.5	47.2
12-Feb-08	1:52:00	54.8	53.1	47.3
12-Feb-08	1:57:00	50.6	53.1	47.8
12-Feb-08	2:02:00	51.9	55.0	47.6
12-Feb-08	2:07:00	49.8	52.2	47.4
12-Feb-08	2:12:00	51.4	54.6	47.9
12-Feb-08	2:17:00	51.0	53.7	47.6
12-Feb-08	2:22:00	53.9	56.0	48.0
12-Feb-08	2:27:00	50.7	53.4	47.4
12-Feb-08	2:32:00	52.3	54.7	47.8
12-Feb-08	2:37:00	50.5	52.8	47.8
12-Feb-08	2:42:00	51.6	54.2	48.3
12-Feb-08	2:47:00	49.2	50.8	47.1
12-Feb-08	2:52:00	50.0	52.7	47.1
12-Feb-08	2:57:00	48.9	50.4	47.2
12-Feb-08	3:02:00	50.2	52.5	47.6
12-Feb-08	3:07:00	49.4	51.4	47.2
12-Feb-08	3:12:00	49.4	51.2	47.2
12-Feb-08	3:17:00	48.9	50.5	46.9
12-Feb-08	3:22:00	48.9	50.8	47.1
12-Feb-08	3:27:00	48.8	50.4	46.9
12-Feb-08	3:32:00	50.5	53.0	47.0
12-Feb-08	3:37:00	49.2	51.6	47.0
12-Feb-08	3:42:00	49.7	52.4	47.0
12-Feb-08	3:47:00	49.3	51.7	46.9
12-Feb-08	3:52:00	50.0	53.0	47.0
12-Feb-08	3:57:00	48.1	49.1	46.9
12-Feb-08	4:02:00	49.0	51.2	47.0
12-Feb-08	4:07:00	48.0	49.0	46.9
12-Feb-08	4:12:00	49.0	51.2	47.0

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
12-Feb-08	4:17:00	47.7	48.8	46.7
12-Feb-08	4:22:00	49.0	51.5	46.6
12-Feb-08	4:27:00	47.9	49.6	46.2
12-Feb-08	4:32:00	48.6	50.2	46.5
12-Feb-08	4:37:00	47.9	49.0	46.3
12-Feb-08	4:42:00	48.1	49.7	46.3
12-Feb-08	4:47:00	48.8	50.9	46.9
12-Feb-08	4:52:00	48.9	50.3	47.0
12-Feb-08	4:57:00	49.4	51.8	47.1
12-Feb-08	5:02:00	49.0	50.8	46.9
12-Feb-08	5:07:00	47.6	48.6	46.9
12-Feb-08	5:12:00	49.0	51.2	47.0
12-Feb-08	5:17:00	50.6	53.7	47.2
12-Feb-08	5:22:00	49.4	51.9	47.1
12-Feb-08	5:27:00	49.1	51.2	47.0
12-Feb-08	5:32:00	48.8	50.1	47.1
12-Feb-08	5:37:00	52.4	54.6	47.6
12-Feb-08	5:42:00	52.1	57.2	47.0
12-Feb-08	5:47:00	52.2	56.1	47.1
12-Feb-08	5:52:00	53.3	56.6	47.3
12-Feb-08	5:57:00	50.6	52.6	47.3
12-Feb-08	6:02:00	50.9	53.6	47.4
12-Feb-08	6:07:00	52.2	53.3	47.8
12-Feb-08	6:12:00	55.8	58.8	48.8
12-Feb-08	6:17:00	51.7	54.0	48.1
12-Feb-08	6:22:00	52.9	56.2	48.5
12-Feb-08	6:27:00	54.4	58.6	48.7
12-Feb-08	6:32:00	52.7	55.6	48.4
12-Feb-08	6:37:00	54.1	57.2	49.1
12-Feb-08	6:42:00	58.3	62.4	51.3
12-Feb-08	6:47:00	55.3	59.0	49.4
12-Feb-08	6:52:00	57.4	60.2	50.6
12-Feb-08	6:57:00	55.7	58.2	52.3
12-Feb-08	23:02:00	57.6	60.1	53.5
12-Feb-08	23:07:00	57.1	59.8	53.0
12-Feb-08	23:12:00	55.8	58.5	51.3
12-Feb-08	23:17:00	56.0	58.5	52.0
12-Feb-08	23:22:00	55.7	58.5	51.7
12-Feb-08	23:27:00	57.0	59.4	51.2
12-Feb-08	23:32:00	56.2	60.0	50.3
12-Feb-08	23:37:00	56.5	60.4	50.8
12-Feb-08	23:42:00	55.9	59.1	50.5
12-Feb-08	23:47:00	55.2	58.1	51.1
12-Feb-08	23:52:00	55.4	59.0	50.4
12-Feb-08	23:57:00	55.2	57.8	51.7
	Mean	52.9	55.7	48.9
	Maximum	58.3	62.4	53.5
	Minimum	47.6	48.6	46.2

### Night Time Noise Level at NC2 The Legend\*

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
13-Feb-08	0:02:00	55.0	57.8	49.4
13-Feb-08	0:07:00	54.7	57.6	50.7
13-Feb-08	0:12:00	52.6	54.7	49.7
13-Feb-08	0:17:00	53.8	56.4	49.8
13-Feb-08	0:22:00	53.8	55.9	49.1
13-Feb-08	0:27:00	52.4	55.1	48.1
13-Feb-08	0:32:00	52.1	55.0	47.9
13-Feb-08	0:37:00	52.7	55.3	49.3
13-Feb-08	0:42:00	53.0	55.1	49.7
13-Feb-08	0:47:00	54.6	54.0	48.2
13-Feb-08	0:52:00	52.7	55.7	48.2
13-Feb-08	0:57:00	50.3	52.6	47.9
13-Feb-08	1:02:00	51.9	54.7	47.9
13-Feb-08	1:07:00	52.0	54.8	48.1
13-Feb-08	1:12:00	52.0	55.2	47.7
13-Feb-08	1:17:00	51.2	53.7	47.7
13-Feb-08	1:22:00	49.8	52.1	46.9
13-Feb-08	1:27:00	50.8	54.2	46.6
13-Feb-08	1:32:00	49.4	51.8	46.8
13-Feb-08	1:37:00	48.9	50.8	46.2
13-Feb-08	1:42:00	50.0	53.5	46.6
13-Feb-08	1:47:00	49.6	52.2	46.6
13-Feb-08	1:52:00	50.3	53.1	47.0
13-Feb-08	1:57:00	50.1	52.5	46.9
13-Feb-08	2:02:00	51.4	54.9	47.1
13-Feb-08	2:07:00	49.4	51.6	46.9
13-Feb-08	2:12:00	55.3	59.3	47.2
13-Feb-08	2:17:00	49.7	52.2	47.0
13-Feb-08	2:22:00	51.2	53.5	47.0
13-Feb-08	2:27:00	50.4	53.1	46.7
13-Feb-08	2:32:00	50.3	53.3	47.0
13-Feb-08	2:37:00	52.1	54.8	47.8
13-Feb-08	2:42:00	49.7	52.1	47.1
13-Feb-08	2:47:00	49.5	52.7	46.3
13-Feb-08	2:52:00	51.0	54.0	47.1
13-Feb-08	2:57:00	49.2	51.5	46.8
13-Feb-08	3:02:00	48.5	50.4	46.3
13-Feb-08	3:07:00	49.8	52.6	47.1
13-Feb-08	3:12:00	49.2	52.1	46.3
13-Feb-08	3:17:00	49.0	51.7	46.0
13-Feb-08	3:22:00	48.2	50.2	46.1
13-Feb-08	3:27:00	47.2	48.3	46.0
13-Feb-08	3:32:00	48.3	50.3	46.3
13-Feb-08	3:37:00	47.9	49.9	46.1
13-Feb-08	3:42:00	49.4	52.4	46.2
13-Feb-08	3:47:00	50.2	53.3	46.3
13-Feb-08	3:52:00	48.2	49.8	46.2
13-Feb-08	3:57:00	48.7	51.1	46.2
13-Feb-08	4:02:00	46.7	47.7	45.9
13-Feb-08	4:07:00	47.5	49.4	46.0
13-Feb-08	4:12:00	48.0	49.5	46.0

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
13-Feb-08	4:17:00	47.6	49.1	46.0
13-Feb-08	4:22:00	48.0	49.3	45.6
13-Feb-08	4:27:00	47.2	48.6	45.7
13-Feb-08	4:32:00	49.2	49.8	45.9
13-Feb-08	4:37:00	49.6	52.4	46.5
13-Feb-08	4:42:00	49.1	52.1	46.3
13-Feb-08	4:47:00	48.8	50.2	46.0
13-Feb-08	4:52:00	52.3	52.0	46.1
13-Feb-08	4:57:00	46.9	47.8	46.0
13-Feb-08	5:02:00	48.7	51.1	46.0
13-Feb-08	5:07:00	48.2	49.9	46.2
13-Feb-08	5:12:00	49.1	51.8	46.1
13-Feb-08	5:17:00	51.6	53.0	46.5
13-Feb-08	5:22:00	49.4	52.2	46.3
13-Feb-08	5:27:00	48.4	50.2	46.9
13-Feb-08	5:32:00	48.6	50.6	46.0
13-Feb-08	5:37:00	50.1	52.2	46.3
13-Feb-08	5:42:00	51.5	55.1	46.3
13-Feb-08	5:47:00	49.7	52.5	46.1
13-Feb-08	5:52:00	51.1	54.2	46.4
13-Feb-08	5:57:00	52.2	54.6	47.4
13-Feb-08	6:02:00	52.9	56.7	47.0
13-Feb-08	6:07:00	51.8	54.1	46.9
13-Feb-08	6:12:00	53.5	55.6	48.1
13-Feb-08	6:17:00	51.3	53.5	48.0
13-Feb-08	6:22:00	53.8	57.6	47.3
13-Feb-08	6:27:00	54.2	58.4	48.2
13-Feb-08	6:32:00	52.3	55.4	47.9
13-Feb-08	6:37:00	55.9	59.1	49.9
13-Feb-08	6:42:00	57.5	61.9	50.2
13-Feb-08	6:47:00	56.3	58.9	50.1
13-Feb-08	6:52:00	55.8	58.7	50.8
13-Feb-08	6:57:00	56.7	59.2	52.1
13-Feb-08	23:02:00	57.1	59.6	53.5
13-Feb-08	23:07:00	58.0	61.0	52.3
13-Feb-08	23:12:00	55.9	58.5	51.8
13-Feb-08	23:17:00	57.4	60.5	53.5
13-Feb-08	23:22:00	56.1	59.1	51.4
13-Feb-08	23:27:00	56.0	58.2	52.2
13-Feb-08	23:32:00	57.1	60.0	52.1
13-Feb-08	23:37:00	55.7	58.5	51.7
13-Feb-08	23:42:00	55.3	58.8	50.6
13-Feb-08	23:47:00	56.7	59.6	52.4
13-Feb-08	23:52:00	56.7	59.5	52.0
13-Feb-08	23:57:00	55.1	58.1	51.2
	Mean	52.6	55.4	48.4
	Maximum	58.0	61.9	53.5
	Minimum	46.7	47.7	45.6

### Night Time Noise Level at NC2 The Legend\*

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
14-Feb-08	0:02:00	55.5	58.2	51.3
14-Feb-08	0:07:00	55.1	57.7	50.6
14-Feb-08	0:12:00	54.7	56.7	50.9
14-Feb-08	0:17:00	55.7	59.3	49.9
14-Feb-08	0:22:00	52.8	55.7	49.0
14-Feb-08	0:27:00	53.5	56.2	49.7
14-Feb-08	0:32:00	54.4	57.6	50.0
14-Feb-08	0:37:00	53.2	55.6	49.6
14-Feb-08	0:42:00	53.5	56.1	49.2
14-Feb-08	0:47:00	52.6	55.5	48.9
14-Feb-08	0:52:00	51.4	53.7	48.6
14-Feb-08	0:57:00	54.2	57.4	49.1
14-Feb-08	1:02:00	53.4	56.6	49.1
14-Feb-08	1:07:00	51.6	54.2	48.0
14-Feb-08	1:12:00	52.0	53.8	48.9
14-Feb-08	1:17:00	51.4	54.4	47.5
14-Feb-08	1:22:00	53.6	56.2	48.3
14-Feb-08	1:27:00	51.4	54.5	47.9
14-Feb-08	1:32:00	51.0	53.7	48.1
14-Feb-08	1:37:00	51.7	54.0	47.6
14-Feb-08	1:42:00	50.5	53.3	47.3
14-Feb-08	1:47:00	51.8	54.6	47.9
14-Feb-08	1:52:00	50.3	52.5	47.7
14-Feb-08	1:57:00	49.1	51.2	47.2
14-Feb-08	2:02:00	48.9	50.7	47.1
14-Feb-08	2:07:00	49.4	51.3	47.5
14-Feb-08	2:12:00	49.4	51.8	47.1
14-Feb-08	2:17:00	50.1	52.3	47.4
14-Feb-08	2:22:00	49.5	51.6	47.3
14-Feb-08	2:27:00	50.0	52.6	47.1
14-Feb-08	2:32:00	53.4	54.3	47.5
14-Feb-08	2:37:00	50.0	52.2	47.1
14-Feb-08	2:42:00	49.4	51.8	47.2
14-Feb-08	2:47:00	50.7	53.6	47.4
14-Feb-08	2:52:00	49.0	50.7	47.2
14-Feb-08	2:57:00	50.5	53.3	47.6
14-Feb-08	3:02:00	51.3	52.9	49.3
14-Feb-08	3:07:00	51.3	53.0	49.3
14-Feb-08	3:12:00	52.4	56.7	48.2
14-Feb-08	3:17:00	49.4	51.5	47.5
14-Feb-08	3:22:00	49.5	51.9	47.3
14-Feb-08	3:27:00	48.0	48.8	47.0
14-Feb-08	3:32:00	50.6	52.9	47.9
14-Feb-08	3:37:00	51.1	53.1	48.9
14-Feb-08	3:42:00	51.8	55.1	48.0
14-Feb-08	3:47:00	51.5	54.3	47.8
14-Feb-08	3:52:00	49.1	50.7	47.2
14-Feb-08	3:57:00	49.8	51.5	47.4
14-Feb-08	4:02:00	49.6	51.5	47.6
14-Feb-08	4:07:00	50.2	52.3	47.4
14-Feb-08	4:12:00	50.0	51.6	47.9

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
14-Feb-08	4:17:00	49.2	50.3	47.3
14-Feb-08	4:22:00	49.2	51.3	47.2
14-Feb-08	4:27:00	50.3	51.8	47.3
14-Feb-08	4:32:00	50.9	52.8	47.9
14-Feb-08	4:37:00	49.4	51.1	47.3
14-Feb-08	4:42:00	50.0	52.2	47.2
14-Feb-08	4:47:00	49.4	51.4	47.2
14-Feb-08	4:52:00	50.4	52.7	47.9
14-Feb-08	4:57:00	51.9	54.5	48.0
14-Feb-08	5:02:00	49.7	51.7	47.9
14-Feb-08	5:07:00	49.2	51.3	47.2
14-Feb-08	5:12:00	48.8	50.5	47.2
14-Feb-08	5:17:00	51.1	53.8	47.9
14-Feb-08	5:22:00	50.1	51.8	47.2
14-Feb-08	5:27:00	49.3	51.1	47.3
14-Feb-08	5:32:00	49.8	51.8	47.6
14-Feb-08	5:37:00	52.9	56.4	48.0
14-Feb-08	5:42:00	51.6	54.1	48.0
14-Feb-08	5:47:00	51.0	53.5	48.0
14-Feb-08	5:52:00	51.9	54.7	47.2
14-Feb-08	5:57:00	52.8	55.2	48.4
14-Feb-08	6:02:00	53.3	56.3	48.1
14-Feb-08	6:07:00	52.0	53.8	48.1
14-Feb-08	6:12:00	53.3	56.6	49.1
14-Feb-08	6:17:00	52.5	54.7	49.2
14-Feb-08	6:22:00	53.3	56.6	48.5
14-Feb-08	6:27:00	54.9	58.3	49.4
14-Feb-08	6:32:00	56.4	59.6	50.3
14-Feb-08	6:37:00	57.2	60.7	51.4
14-Feb-08	6:42:00	57.2	61.2	51.9
14-Feb-08	6:47:00	57.2	59.7	52.6
14-Feb-08	6:52:00	58.7	61.8	54.4
14-Feb-08	6:57:00	57.5	60.5	53.5
14-Feb-08	23:02:00	54.7	57.1	51.0
14-Feb-08	23:07:00	56.8	59.2	52.7
14-Feb-08	23:12:00	55.8	57.3	51.5
14-Feb-08	23:17:00	56.8	59.4	53.1
14-Feb-08	23:22:00	56.8	59.2	53.3
14-Feb-08	23:27:00	55.7	58.2	51.4
14-Feb-08	23:32:00	55.2	57.7	52.0
14-Feb-08	23:37:00	57.1	60.5	51.5
14-Feb-08	23:42:00	55.2	57.6	51.5
14-Feb-08	23:47:00	54.5	56.8	51.2
14-Feb-08	23:52:00	56.2	59.8	50.9
14-Feb-08	23:57:00	54.7	57.4	51.0
	Mean	53.1	55.8	49.2
	Maximum	58.7	61.8	54.4
	Minimum	48.0	48.8	47.0

### Night Time Noise Level at NC2 The Legend\*

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
15-Feb-08	0:02:00	54.9	57.6	51.6
15-Feb-08	0:07:00	54.5	57.7	50.4
15-Feb-08	0:12:00	54.4	56.5	50.1
15-Feb-08	0:17:00	53.7	56.2	50.2
15-Feb-08	0:22:00	53.1	55.7	49.9
15-Feb-08	0:27:00	54.1	56.3	49.3
15-Feb-08	0:32:00	52.9	55.4	49.4
15-Feb-08	0:37:00	52.4	54.6	49.1
15-Feb-08	0:42:00	52.4	54.4	49.0
15-Feb-08	0:47:00	50.8	52.5	48.6
15-Feb-08	0:52:00	52.0	55.1	48.7
15-Feb-08	0:57:00	52.1	54.7	48.0
15-Feb-08	1:02:00	50.4	53.0	47.6
15-Feb-08	1:07:00	49.8	51.4	48.0
15-Feb-08	1:12:00	50.5	53.2	47.7
15-Feb-08	1:17:00	50.3	52.3	48.1
15-Feb-08	1:22:00	51.2	53.4	48.2
15-Feb-08	1:27:00	51.0	53.2	48.2
15-Feb-08	1:32:00	58.3	64.1	48.8
15-Feb-08	1:37:00	51.7	53.4	48.9
15-Feb-08	1:42:00	51.4	53.8	48.4
15-Feb-08	1:47:00	51.5	53.8	48.4
15-Feb-08	1:52:00	50.5	52.7	47.9
15-Feb-08	1:57:00	50.3	52.8	47.5
15-Feb-08	2:02:00	50.9	52.1	47.4
15-Feb-08	2:07:00	49.7	51.4	47.4
15-Feb-08	2:12:00	50.5	52.6	47.9
15-Feb-08	2:17:00	49.7	51.7	47.2
15-Feb-08	2:22:00	50.9	53.0	47.6
15-Feb-08	2:27:00	51.7	54.3	47.7
15-Feb-08	2:32:00	53.1	57.1	47.7
15-Feb-08	2:37:00	50.2	52.0	47.4
15-Feb-08	2:42:00	50.7	52.7	47.6
15-Feb-08	2:47:00	52.0	53.8	47.7
15-Feb-08	2:52:00	49.5	51.4	47.2
15-Feb-08	2:57:00	49.3	51.1	47.3
15-Feb-08	3:02:00	49.1	50.8	47.2
15-Feb-08	3:07:00	49.4	51.8	47.1
15-Feb-08	3:12:00	48.2	49.7	46.9
15-Feb-08	3:17:00	52.8	55.3	47.4
15-Feb-08	3:22:00	49.6	51.8	47.1
15-Feb-08	3:27:00	48.6	50.3	46.9
15-Feb-08	3:32:00	50.8	52.7	47.3
15-Feb-08	3:37:00	49.5	51.3	47.0
15-Feb-08	3:42:00	53.2	56.1	48.3
15-Feb-08	3:47:00	49.1	51.3	46.9
15-Feb-08	3:52:00	49.6	51.5	46.9
15-Feb-08	3:57:00	48.5	50.3	46.5
15-Feb-08	4:02:00	48.6	50.7	46.7
15-Feb-08	4:07:00	48.7	50.0	46.9
15-Feb-08	4:12:00	48.0	49.8	46.2

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
15-Feb-08	4:17:00	47.7	49.1	46.1
15-Feb-08	4:22:00	47.8	49.1	46.4
15-Feb-08	4:27:00	47.6	49.0	46.2
15-Feb-08	4:32:00	48.3	49.8	46.3
15-Feb-08	4:37:00	48.1	49.5	46.9
15-Feb-08	4:42:00	50.0	52.3	46.9
15-Feb-08	4:47:00	50.5	51.3	46.5
15-Feb-08	4:52:00	48.1	49.2	47.0
15-Feb-08	4:57:00	49.1	51.0	46.9
15-Feb-08	5:02:00	48.4	49.2	46.4
15-Feb-08	5:07:00	50.6	54.0	46.9
15-Feb-08	5:12:00	51.7	55.2	47.0
15-Feb-08	5:17:00	49.6	51.6	47.0
15-Feb-08	5:22:00	50.2	51.0	46.9
15-Feb-08	5:27:00	50.6	52.4	47.2
15-Feb-08	5:32:00	49.1	51.9	46.8
15-Feb-08	5:37:00	49.8	52.4	46.9
15-Feb-08	5:42:00	50.3	51.3	47.0
15-Feb-08	5:47:00	51.0	54.4	47.0
15-Feb-08	5:52:00	51.8	55.3	47.7
15-Feb-08	5:57:00	50.9	53.3	47.8
15-Feb-08	6:02:00	50.2	52.5	47.3
15-Feb-08	6:07:00	50.9	54.0	47.3
15-Feb-08	6:12:00	53.5	56.0	48.0
15-Feb-08	6:17:00	54.3	56.0	48.8
15-Feb-08	6:22:00	54.5	57.8	49.1
15-Feb-08	6:27:00	53.7	56.2	49.9
15-Feb-08	6:32:00	53.4	56.3	48.9
15-Feb-08	6:37:00	57.5	60.6	51.5
15-Feb-08	6:42:00	58.0	61.2	51.5
15-Feb-08	6:47:00	55.9	58.8	50.6
15-Feb-08	6:52:00	56.1	58.7	52.1
15-Feb-08	6:57:00	57.6	60.2	52.9
15-Feb-08	23:02:00	55.8	57.8	52.2
15-Feb-08	23:07:00	58.7	61.6	54.2
15-Feb-08	23:12:00	58.0	61.5	52.5
15-Feb-08	23:17:00	57.2	60.4	51.8
15-Feb-08	23:22:00	56.0	58.1	51.5
15-Feb-08	23:27:00	55.6	58.1	52.0
15-Feb-08	23:32:00	56.0	58.0	52.2
15-Feb-08	23:37:00	56.4	59.0	52.4
15-Feb-08	23:42:00	54.0	56.9	50.0
15-Feb-08	23:47:00	55.0	57.7	51.0
15-Feb-08	23:52:00	55.1	57.9	50.7
15-Feb-08	23:57:00	57.1	58.6	51.9
	Mean	52.9	55.6	48.9
	Maximum	58.7	64.1	54.2
	Minimum	47.6	49.0	46.1

### Night Time Noise Level at NC2 The Legend\*

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
16-Feb-08	0:02:00	55.7	58.9	50.7
16-Feb-08	0:07:00	54.5	57.3	51.0
16-Feb-08	0:12:00	55.6	59.0	50.6
16-Feb-08	0:17:00	53.4	55.7	49.9
16-Feb-08	0:22:00	52.1	53.9	49.7
16-Feb-08	0:27:00	52.6	54.8	49.4
16-Feb-08	0:32:00	53.2	55.4	49.1
16-Feb-08	0:37:00	53.9	56.3	50.1
16-Feb-08	0:42:00	54.7	57.5	50.2
16-Feb-08	0:47:00	51.7	53.6	49.3
16-Feb-08	0:52:00	53.0	55.3	49.5
16-Feb-08	0:57:00	52.9	55.1	49.5
16-Feb-08	1:02:00	52.2	54.9	48.4
16-Feb-08	1:07:00	51.8	55.2	48.6
16-Feb-08	1:12:00	51.9	54.8	48.3
16-Feb-08	1:17:00	51.9	54.3	48.9
16-Feb-08	1:22:00	50.7	53.0	47.9
16-Feb-08	1:27:00	52.5	55.0	49.0
16-Feb-08	1:32:00	51.4	53.7	48.2
16-Feb-08	1:37:00	50.6	53.1	47.6
16-Feb-08	1:42:00	49.8	51.6	47.9
16-Feb-08	1:47:00	51.0	53.3	48.3
16-Feb-08	1:52:00	50.2	52.3	47.6
16-Feb-08	1:57:00	50.1	52.7	47.3
16-Feb-08	2:02:00	50.9	53.2	48.0
16-Feb-08	2:07:00	50.8	53.1	48.0
16-Feb-08	2:12:00	50.3	52.8	47.2
16-Feb-08	2:17:00	49.3	50.8	47.5
16-Feb-08	2:22:00	52.7	54.0	47.3
16-Feb-08	2:27:00	49.2	50.9	47.2
16-Feb-08	2:32:00	49.1	50.5	47.1
16-Feb-08	2:37:00	51.3	52.6	47.5
16-Feb-08	2:42:00	49.6	51.6	47.4
16-Feb-08	2:47:00	50.8	53.1	47.6
16-Feb-08	2:52:00	51.9	52.1	47.3
16-Feb-08	2:57:00	50.7	52.2	47.2
16-Feb-08	3:02:00	50.4	53.1	47.3
16-Feb-08	3:07:00	49.8	51.6	47.0
16-Feb-08	3:12:00	49.1	50.8	47.1
16-Feb-08	3:17:00	50.2	52.7	47.0
16-Feb-08	3:22:00	49.9	51.8	47.0
16-Feb-08	3:27:00	50.4	51.4	46.7
16-Feb-08	3:32:00	50.0	52.7	46.8
16-Feb-08	3:37:00	48.6	50.3	46.9
16-Feb-08	3:42:00	49.5	51.7	47.1
16-Feb-08	3:47:00	53.2	57.8	47.0
16-Feb-08	3:52:00	48.1	49.5	46.6
16-Feb-08	3:57:00	48.5	49.9	46.9
16-Feb-08	4:02:00	49.1	51.5	46.9
16-Feb-08	4:07:00	49.0	51.0	46.7
16-Feb-08	4:12:00	50.0	52.9	46.9

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
16-Feb-08	4:17:00	48.1	49.6	46.7
16-Feb-08	4:22:00	50.1	53.0	46.9
16-Feb-08	4:27:00	49.0	49.9	46.3
16-Feb-08	4:32:00	48.0	49.4	46.2
16-Feb-08	4:37:00	48.2	49.9	46.4
16-Feb-08	4:42:00	50.3	50.7	46.9
16-Feb-08	4:47:00	51.6	56.0	46.9
16-Feb-08	4:52:00	50.4	53.8	47.1
16-Feb-08	4:57:00	48.1	49.2	47.0
16-Feb-08	5:02:00	48.9	51.4	46.2
16-Feb-08	5:07:00	50.2	52.8	46.9
16-Feb-08	5:12:00	49.3	51.2	47.1
16-Feb-08	5:17:00	51.6	55.0	47.0
16-Feb-08	5:22:00	48.0	49.4	46.4
16-Feb-08	5:27:00	47.5	48.5	46.2
16-Feb-08	5:32:00	47.9	49.4	46.3
16-Feb-08	5:37:00	50.0	52.5	46.9
16-Feb-08	5:42:00	53.5	54.5	46.8
16-Feb-08	5:47:00	52.5	56.2	47.2
16-Feb-08	5:52:00	50.8	54.1	47.0
16-Feb-08	5:57:00	49.8	51.9	47.2
16-Feb-08	6:02:00	55.6	58.9	48.6
16-Feb-08	6:07:00	53.3	57.0	48.2
16-Feb-08	6:12:00	53.1	55.7	48.0
16-Feb-08	6:17:00	53.4	56.3	49.7
16-Feb-08	6:22:00	53.3	56.6	48.4
16-Feb-08	6:27:00	56.2	59.2	50.9
16-Feb-08	6:32:00	53.0	55.7	48.6
16-Feb-08	6:37:00	58.8	62.3	52.3
16-Feb-08	6:42:00	58.0	60.8	53.1
16-Feb-08	6:47:00	55.9	59.1	51.0
16-Feb-08	6:52:00	57.7	61.1	52.4
16-Feb-08	6:57:00	57.4	60.0	53.6
16-Feb-08	23:02:00	59.4	61.5	55.9
16-Feb-08	23:07:00	57.7	59.8	54.5
16-Feb-08	23:12:00	58.5	60.9	54.5
16-Feb-08	23:17:00	57.5	59.5	54.7
16-Feb-08	23:22:00	56.3	58.3	53.0
16-Feb-08	23:27:00	57.0	59.1	54.1
16-Feb-08	23:32:00	58.0	60.3	54.4
16-Feb-08	23:37:00	57.8	59.7	54.9
16-Feb-08	23:42:00	56.0	58.5	52.9
16-Feb-08	23:47:00	58.2	60.2	54.8
16-Feb-08	23:52:00	56.7	59.5	52.9
16-Feb-08	23:57:00	59.6	62.8	55.4
	Mean	53.5	56.1	49.8
	Maximum	59.6	62.8	55.9
	Minimum	47.5	48.5	46.2

### Night Time Noise Level at NC2 The Legend\*

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
17-Feb-08	0:02:00	57.1	59.4	53.6
17-Feb-08	0:07:00	55.3	56.9	52.7
17-Feb-08	0:12:00	57.2	59.6	53.1
17-Feb-08	0:17:00	55.5	57.3	52.7
17-Feb-08	0:22:00	54.8	57.9	50.8
17-Feb-08	0:27:00	55.0	57.0	52.0
17-Feb-08	0:32:00	54.9	57.5	51.7
17-Feb-08	0:37:00	55.3	57.9	51.6
17-Feb-08	0:42:00	55.0	57.3	52.2
17-Feb-08	0:47:00	52.8	55.2	50.0
17-Feb-08	0:52:00	54.3	56.2	51.9
17-Feb-08	0:57:00	54.7	56.8	51.5
17-Feb-08	1:02:00	53.9	55.8	51.3
17-Feb-08	1:07:00	53.8	56.1	50.7
17-Feb-08	1:12:00	53.4	55.7	50.7
17-Feb-08	1:17:00	53.0	55.3	50.4
17-Feb-08	1:22:00	55.1	58.8	50.6
17-Feb-08	1:27:00	52.4	55.2	49.0
17-Feb-08	1:32:00	54.7	56.7	51.9
17-Feb-08	1:37:00	53.5	55.8	49.6
17-Feb-08	1:42:00	53.1	55.2	50.2
17-Feb-08	1:47:00	52.8	54.8	49.5
17-Feb-08	1:52:00	54.1	57.2	49.4
17-Feb-08	1:57:00	53.6	56.3	48.9
17-Feb-08	2:02:00	53.3	55.8	49.1
17-Feb-08	2:07:00	52.3	53.6	49.3
17-Feb-08	2:12:00	51.1	53.0	48.5
17-Feb-08	2:17:00	53.3	55.8	49.8
17-Feb-08	2:22:00	52.9	55.7	49.4
17-Feb-08	2:27:00	51.2	54.0	48.2
17-Feb-08	2:32:00	51.3	53.8	48.7
17-Feb-08	2:37:00	52.7	56.3	48.4
17-Feb-08	2:42:00	51.4	53.3	48.7
17-Feb-08	2:47:00	50.5	52.9	48.0
17-Feb-08	2:52:00	51.2	53.9	48.2
17-Feb-08	2:57:00	52.3	54.9	48.9
17-Feb-08	3:02:00	51.1	54.1	48.1
17-Feb-08	3:07:00	51.5	54.4	48.0
17-Feb-08	3:12:00	54.3	58.8	48.1
17-Feb-08	3:17:00	53.0	56.0	49.2
17-Feb-08	3:22:00	52.5	56.1	48.1
17-Feb-08	3:27:00	51.8	53.9	48.5
17-Feb-08	3:32:00	51.5	54.4	48.4
17-Feb-08	3:37:00	54.2	56.2	49.9
17-Feb-08	3:42:00	53.3	55.9	49.6
17-Feb-08	3:47:00	51.4	54.1	48.5
17-Feb-08	3:52:00	50.2	52.3	47.9
17-Feb-08	3:57:00	51.0	53.2	48.1
17-Feb-08	4:02:00	51.5	54.3	48.3
17-Feb-08	4:07:00	51.5	54.3	48.2
17-Feb-08	4:12:00	51.8	54.6	48.3

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
17-Feb-08	4:17:00	51.9	55.2	48.0
17-Feb-08	4:22:00	50.7	53.4	47.7
17-Feb-08	4:27:00	51.4	54.1	48.5
17-Feb-08	4:32:00	50.5	52.4	47.9
17-Feb-08	4:37:00	51.5	54.2	48.2
17-Feb-08	4:42:00	52.2	54.2	49.3
17-Feb-08	4:47:00	52.9	55.7	49.3
17-Feb-08	4:52:00	51.4	53.7	48.6
17-Feb-08	4:57:00	50.6	53.0	48.3
17-Feb-08	5:02:00	53.7	54.9	48.3
17-Feb-08	5:07:00	51.8	53.9	48.5
17-Feb-08	5:12:00	49.2	50.7	47.8
17-Feb-08	5:17:00	50.9	52.9	48.4
17-Feb-08	5:22:00	50.3	52.2	48.1
17-Feb-08	5:27:00	51.1	53.1	48.5
17-Feb-08	5:32:00	50.3	52.2	48.1
17-Feb-08	5:37:00	51.2	53.3	48.5
17-Feb-08	5:42:00	53.8	56.6	48.5
17-Feb-08	5:47:00	53.3	56.7	48.6
17-Feb-08	5:52:00	51.3	53.7	48.4
17-Feb-08	5:57:00	53.0	55.4	49.1
17-Feb-08	6:02:00	50.9	53.2	48.0
17-Feb-08	6:07:00	52.7	55.5	48.5
17-Feb-08	6:12:00	51.4	54.4	48.8
17-Feb-08	6:17:00	52.0	54.1	49.0
17-Feb-08	6:22:00	53.1	56.0	48.7
17-Feb-08	6:27:00	51.7	54.3	49.3
17-Feb-08	6:32:00	52.5	54.9	49.7
17-Feb-08	6:37:00	53.6	56.6	49.7
17-Feb-08	6:42:00	52.5	54.9	49.7
17-Feb-08	6:47:00	54.6	57.7	50.0
17-Feb-08	6:52:00	52.9	55.7	49.7
17-Feb-08	6:57:00	54.0	56.3	50.2
17-Feb-08	23:02:00	56.4	58.7	52.4
17-Feb-08	23:07:00	57.2	60.2	52.4
17-Feb-08	23:12:00	55.4	57.9	52.0
17-Feb-08	23:17:00	57.0	59.6	53.6
17-Feb-08	23:22:00	55.7	58.0	52.5
17-Feb-08	23:27:00	56.6	59.3	52.2
17-Feb-08	23:32:00	56.2	59.7	50.5
17-Feb-08	23:37:00	54.6	57.3	50.9
17-Feb-08	23:42:00	56.8	60.5	52.0
17-Feb-08	23:47:00	55.1	58.1	50.5
17-Feb-08	23:52:00	55.9	58.3	52.3
17-Feb-08	23:57:00	56.8	59.6	51.6
	Mean	53.5	56.1	50.0
	Maximum	57.2	60.5	53.6
	Minimum	49.2	50.7	47.7

### Night Time Noise Level at NC2 The Legend\*

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
18-Feb-08	0:02:00	54.8	57.7	50.6
18-Feb-08	0:07:00	56.0	59.4	50.4
18-Feb-08	0:12:00	57.0	60.5	51.8
18-Feb-08	0:17:00	59.0	61.6	51.3
18-Feb-08	0:22:00	53.9	56.1	51.1
18-Feb-08	0:27:00	53.5	55.9	50.3
18-Feb-08	0:32:00	53.0	54.9	50.2
18-Feb-08	0:37:00	56.0	59.5	50.4
18-Feb-08	0:42:00	55.4	58.2	51.4
18-Feb-08	0:47:00	52.3	54.5	49.8
18-Feb-08	0:52:00	53.2	55.7	50.0
18-Feb-08	0:57:00	52.2	54.6	49.2
18-Feb-08	1:02:00	52.6	54.8	49.5
18-Feb-08	1:07:00	52.5	55.6	49.2
18-Feb-08	1:12:00	51.1	52.8	49.0
18-Feb-08	1:17:00	51.9	54.1	49.0
18-Feb-08	1:22:00	50.5	52.3	48.6
18-Feb-08	1:27:00	53.6	56.0	49.0
18-Feb-08	1:32:00	52.5	54.9	49.1
18-Feb-08	1:37:00	51.7	53.7	49.3
18-Feb-08	1:42:00	57.6	59.9	49.2
18-Feb-08	1:47:00	54.2	56.9	49.2
18-Feb-08	1:52:00	55.3	58.4	50.6
18-Feb-08	1:57:00	57.2	59.8	52.9
18-Feb-08	2:02:00	55.9	58.8	51.9
18-Feb-08	2:07:00	55.3	58.1	51.4
18-Feb-08	2:12:00	52.8	55.3	49.6
18-Feb-08	2:17:00	51.4	53.6	48.4
18-Feb-08	2:22:00	51.7	54.1	48.6
18-Feb-08	2:27:00	55.6	59.1	50.1
18-Feb-08	2:32:00	54.4	57.5	50.9
18-Feb-08	2:37:00	55.9	58.8	50.4
18-Feb-08	2:42:00	54.2	56.8	49.9
18-Feb-08	2:47:00	50.9	53.1	48.4
18-Feb-08	2:52:00	53.5	56.1	49.2
18-Feb-08	2:57:00	55.0	58.1	49.0
18-Feb-08	3:02:00	52.4	54.6	49.2
18-Feb-08	3:07:00	51.8	54.2	48.5
18-Feb-08	3:12:00	51.6	55.2	48.1
18-Feb-08	3:17:00	52.3	55.3	48.7
18-Feb-08	3:22:00	49.9	52.0	47.5
18-Feb-08	3:27:00	50.4	52.9	47.4
18-Feb-08	3:32:00	50.5	52.6	47.6
18-Feb-08	3:37:00	49.1	51.1	47.2
18-Feb-08	3:42:00	49.4	52.0	46.9
18-Feb-08	3:47:00	53.1	56.8	47.8
18-Feb-08	3:52:00	49.0	51.1	46.9
18-Feb-08	3:57:00	49.1	50.9	47.1
18-Feb-08	4:02:00	50.7	53.5	47.0
18-Feb-08	4:07:00	48.2	49.8	46.7
18-Feb-08	4:12:00	47.7	49.1	46.3

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
18-Feb-08	4:17:00	48.6	51.0	46.4
18-Feb-08	4:22:00	48.8	50.9	46.9
18-Feb-08	4:27:00	48.0	49.5	46.9
18-Feb-08	4:32:00	48.0	49.3	46.9
18-Feb-08	4:37:00	49.1	51.0	47.0
18-Feb-08	4:42:00	48.3	50.2	46.8
18-Feb-08	4:47:00	48.8	50.6	47.1
18-Feb-08	4:52:00	49.3	50.9	46.9
18-Feb-08	4:57:00	48.0	49.5	46.7
18-Feb-08	5:02:00	48.1	49.4	46.9
18-Feb-08	5:07:00	48.6	50.6	46.9
18-Feb-08	5:12:00	48.3	50.0	46.9
18-Feb-08	5:17:00	51.4	52.9	47.0
18-Feb-08	5:22:00	51.2	53.6	47.0
18-Feb-08	5:27:00	50.2	52.9	47.5
18-Feb-08	5:32:00	48.5	50.5	47.0
18-Feb-08	5:37:00	50.1	51.9	47.0
18-Feb-08	5:42:00	50.8	53.9	47.1
18-Feb-08	5:47:00	49.5	51.8	47.2
18-Feb-08	5:52:00	53.2	56.5	48.4
18-Feb-08	5:57:00	51.7	54.2	48.3
18-Feb-08	6:02:00	53.9	56.7	47.5
18-Feb-08	6:07:00	51.3	54.0	47.9
18-Feb-08	6:12:00	51.8	55.2	47.4
18-Feb-08	6:17:00	54.1	57.4	47.8
18-Feb-08	6:22:00	53.3	55.8	48.8
18-Feb-08	6:27:00	55.5	59.4	49.5
18-Feb-08	6:32:00	53.9	56.7	50.0
18-Feb-08	6:37:00	57.8	60.9	50.6
18-Feb-08	6:42:00	57.7	60.9	52.7
18-Feb-08	6:47:00	57.9	61.2	50.4
18-Feb-08	6:52:00	57.2	60.3	51.9
18-Feb-08	6:57:00	58.7	62.1	53.5
18-Feb-08	23:02:00	57.3	60.2	52.1
18-Feb-08	23:07:00	58.0	60.9	53.4
18-Feb-08	23:12:00	56.9	59.7	51.2
18-Feb-08	23:17:00	56.0	58.6	52.2
18-Feb-08	23:22:00	58.1	61.5	52.3
18-Feb-08	23:27:00	57.6	59.9	53.3
18-Feb-08	23:32:00	55.1	57.9	50.6
18-Feb-08	23:37:00	55.8	59.1	51.2
18-Feb-08	23:42:00	56.7	59.7	50.9
18-Feb-08	23:47:00	52.8	56.3	49.0
18-Feb-08	23:52:00	57.2	60.6	49.6
18-Feb-08	23:57:00	55.1	58.1	51.0
	Mean	54.0	56.8	49.5
	Maximum	59.0	62.1	53.5
	Minimum	47.7	49.1	46.3

### Night Time Noise Level at NC2 The Legend\*

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
19-Feb-08	0:02:00	56.1	59.0	52.2
19-Feb-08	0:07:00	55.0	57.7	51.8
19-Feb-08	0:12:00	55.9	58.5	52.3
19-Feb-08	0:17:00	55.2	57.5	51.9
19-Feb-08	0:22:00	52.8	55.2	50.1
19-Feb-08	0:27:00	55.2	56.2	50.0
19-Feb-08	0:32:00	52.3	54.8	49.2
19-Feb-08	0:37:00	54.3	56.1	49.7
19-Feb-08	0:42:00	53.5	56.3	49.5
19-Feb-08	0:47:00	52.8	55.5	49.4
19-Feb-08	0:52:00	52.1	54.5	49.3
19-Feb-08	0:57:00	52.2	55.0	49.1
19-Feb-08	1:02:00	52.1	55.1	48.9
19-Feb-08	1:07:00	54.4	56.2	48.8
19-Feb-08	1:12:00	52.3	54.6	48.5
19-Feb-08	1:17:00	57.8	63.2	49.3
19-Feb-08	1:22:00	51.8	54.0	49.0
19-Feb-08	1:27:00	53.2	55.9	49.4
19-Feb-08	1:32:00	52.7	55.7	48.8
19-Feb-08	1:37:00	53.7	56.7	49.1
19-Feb-08	1:42:00	54.3	56.6	49.0
19-Feb-08	1:47:00	51.4	53.7	48.3
19-Feb-08	1:52:00	49.8	52.0	47.8
19-Feb-08	1:57:00	49.9	51.8	47.8
19-Feb-08	2:02:00	49.3	50.8	47.3
19-Feb-08	2:07:00	50.8	53.5	47.9
19-Feb-08	2:12:00	50.4	53.0	47.9
19-Feb-08	2:17:00	49.8	51.6	47.6
19-Feb-08	2:22:00	48.8	50.2	47.3
19-Feb-08	2:27:00	49.1	50.7	47.2
19-Feb-08	2:32:00	49.3	51.1	47.2
19-Feb-08	2:37:00	50.7	53.4	47.5
19-Feb-08	2:42:00	50.9	53.4	48.1
19-Feb-08	2:47:00	51.9	52.9	47.7
19-Feb-08	2:52:00	51.7	52.4	47.5
19-Feb-08	2:57:00	51.0	53.4	48.1
19-Feb-08	3:02:00	50.1	52.5	47.7
19-Feb-08	3:07:00	50.0	52.0	47.9
19-Feb-08	3:12:00	50.2	51.8	47.1
19-Feb-08	3:17:00	50.8	51.7	47.3
19-Feb-08	3:22:00	48.7	50.5	46.9
19-Feb-08	3:27:00	50.3	52.1	47.4
19-Feb-08	3:32:00	50.2	52.2	47.5
19-Feb-08	3:37:00	57.6	53.8	47.1
19-Feb-08	3:42:00	50.1	51.7	47.1
19-Feb-08	3:47:00	52.4	56.6	47.3
19-Feb-08	3:52:00	50.1	52.1	47.6
19-Feb-08	3:57:00	53.9	53.6	47.2
19-Feb-08	4:02:00	50.2	52.4	47.6
19-Feb-08	4:07:00	51.0	53.2	47.4
19-Feb-08	4:12:00	48.4	49.8	47.0

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
19-Feb-08	4:17:00	49.4	51.5	47.1
19-Feb-08	4:22:00	49.2	50.9	47.2
19-Feb-08	4:27:00	49.5	50.9	47.2
19-Feb-08	4:32:00	50.2	50.8	47.1
19-Feb-08	4:37:00	48.4	49.8	47.0
19-Feb-08	4:42:00	48.4	49.7	47.0
19-Feb-08	4:47:00	49.9	52.2	47.3
19-Feb-08	4:52:00	49.0	50.7	47.2
19-Feb-08	4:57:00	49.0	50.8	47.2
19-Feb-08	5:02:00	49.7	51.8	47.3
19-Feb-08	5:07:00	49.4	50.8	47.2
19-Feb-08	5:12:00	50.1	52.8	47.2
19-Feb-08	5:17:00	52.7	53.9	47.6
19-Feb-08	5:22:00	50.4	52.8	47.6
19-Feb-08	5:27:00	49.0	50.5	47.2
19-Feb-08	5:32:00	51.2	53.5	47.6
19-Feb-08	5:37:00	51.5	54.2	48.2
19-Feb-08	5:42:00	51.0	52.7	47.2
19-Feb-08	5:47:00	50.6	53.4	47.3
19-Feb-08	5:52:00	50.8	53.2	47.9
19-Feb-08	5:57:00	49.6	51.0	47.2
19-Feb-08	6:02:00	50.4	52.3	47.9
19-Feb-08	6:07:00	54.1	57.4	48.7
19-Feb-08	6:12:00	51.3	53.3	48.3
19-Feb-08	6:17:00	54.9	57.6	48.8
19-Feb-08	6:22:00	54.2	56.8	49.9
19-Feb-08	6:27:00	56.0	59.1	50.8
19-Feb-08	6:32:00	54.9	57.7	50.1
19-Feb-08	6:37:00	55.4	58.6	50.3
19-Feb-08	6:42:00	56.6	59.4	51.4
19-Feb-08	6:47:00	58.5	61.8	52.6
19-Feb-08	6:52:00	56.3	58.7	50.3
19-Feb-08	6:57:00	58.7	61.5	53.0
19-Feb-08	23:02:00	57.0	59.2	53.2
19-Feb-08	23:07:00	57.9	60.7	52.7
19-Feb-08	23:12:00	56.6	60.1	52.0
19-Feb-08	23:17:00	55.5	57.8	52.0
19-Feb-08	23:22:00	56.5	59.4	52.0
19-Feb-08	23:27:00	59.0	61.7	54.0
19-Feb-08	23:32:00	56.8	59.3	52.2
19-Feb-08	23:37:00	58.2	61.7	53.2
19-Feb-08	23:42:00	55.7	57.8	51.6
19-Feb-08	23:47:00	56.3	58.7	53.0
19-Feb-08	23:52:00	55.7	58.2	51.4
19-Feb-08	23:57:00	56.5	59.6	50.8
	Mean	53.6	56.1	49.4
	Maximum	59.0	63.2	54.0
	Minimum	48.4	49.7	46.9



### Night Time Noise Level at NC2 The Legend\*

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
20-Feb-08	0:02:00	55.3	58.4	51.2
20-Feb-08	0:07:00	54.5	57.1	50.4
20-Feb-08	0:12:00	53.8	56.0	50.3
20-Feb-08	0:17:00	55.4	57.1	50.9
20-Feb-08	0:22:00	54.7	57.2	51.4
20-Feb-08	0:27:00	54.9	57.7	51.1
20-Feb-08	0:32:00	54.3	57.4	49.9
20-Feb-08	0:37:00	55.8	59.8	50.1
20-Feb-08	0:42:00	56.6	56.4	49.2
20-Feb-08	0:47:00	55.4	58.3	50.9
20-Feb-08	0:52:00	52.4	54.9	49.5
20-Feb-08	0:57:00	53.1	55.9	49.2
20-Feb-08	1:02:00	52.2	54.6	49.2
20-Feb-08	1:07:00	53.6	56.3	49.6
20-Feb-08	1:12:00	52.0	54.1	49.5
20-Feb-08	1:17:00	52.7	55.9	48.9
20-Feb-08	1:22:00	53.9	55.7	49.2
20-Feb-08	1:27:00	53.0	55.0	49.1
20-Feb-08	1:32:00	56.9	61.1	49.0
20-Feb-08	1:37:00	54.6	57.4	48.8
20-Feb-08	1:42:00	50.8	53.0	48.0
20-Feb-08	1:47:00	51.0	53.5	48.3
20-Feb-08	1:52:00	52.0	55.2	48.3
20-Feb-08	1:57:00	51.4	53.6	48.6
20-Feb-08	2:02:00	50.4	52.4	48.2
20-Feb-08	2:07:00	50.6	52.6	48.4
20-Feb-08	2:12:00	51.4	53.7	48.3
20-Feb-08	2:17:00	50.7	52.7	48.3
20-Feb-08	2:22:00	49.6	51.3	47.5
20-Feb-08	2:27:00	54.4	58.8	49.1
20-Feb-08	2:32:00	51.3	54.1	48.1
20-Feb-08	2:37:00	50.8	53.3	47.9
20-Feb-08	2:42:00	49.9	52.1	47.4
20-Feb-08	2:47:00	50.5	53.2	47.8
20-Feb-08	2:52:00	48.9	50.0	47.6
20-Feb-08	2:57:00	49.3	50.9	47.6
20-Feb-08	3:02:00	50.3	52.3	47.9
20-Feb-08	3:07:00	54.8	58.4	48.4
20-Feb-08	3:12:00	50.1	52.0	48.0
20-Feb-08	3:17:00	51.9	54.5	48.2
20-Feb-08	3:22:00	49.1	50.5	47.8
20-Feb-08	3:27:00	48.8	50.5	47.1
20-Feb-08	3:32:00	50.0	51.9	47.6
20-Feb-08	3:37:00	49.7	51.7	47.3
20-Feb-08	3:42:00	49.7	50.5	47.1
20-Feb-08	3:47:00	53.2	57.2	47.5
20-Feb-08	3:52:00	51.1	54.5	47.3
20-Feb-08	3:57:00	49.5	52.0	47.1
20-Feb-08	4:02:00	50.4	52.7	47.5
20-Feb-08	4:07:00	48.7	49.8	47.1
20-Feb-08	4:12:00	49.6	52.4	47.0

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
20-Feb-08	4:17:00	48.9	50.3	46.9
20-Feb-08	4:22:00	47.7	48.6	46.9
20-Feb-08	4:27:00	48.8	51.0	46.9
20-Feb-08	4:32:00	48.6	50.5	47.0
20-Feb-08	4:37:00	48.2	49.9	46.9
20-Feb-08	4:42:00	48.8	50.3	47.0
20-Feb-08	4:47:00	49.0	50.5	47.1
20-Feb-08	4:52:00	48.6	49.9	47.1
20-Feb-08	4:57:00	48.7	50.4	47.0
20-Feb-08	5:02:00	48.2	49.5	47.0
20-Feb-08	5:07:00	49.5	51.5	47.0
20-Feb-08	5:12:00	51.0	52.5	47.6
20-Feb-08	5:17:00	50.7	53.6	47.4
20-Feb-08	5:22:00	49.3	51.4	47.2
20-Feb-08	5:27:00	53.5	53.4	47.9
20-Feb-08	5:32:00	49.4	51.3	47.3
20-Feb-08	5:37:00	49.8	51.7	47.4
20-Feb-08	5:42:00	53.8	57.1	48.4
20-Feb-08	5:47:00	51.3	54.8	48.2
20-Feb-08	5:52:00	52.8	55.7	47.9
20-Feb-08	5:57:00	53.1	55.7	48.1
20-Feb-08	6:02:00	51.4	53.8	48.5
20-Feb-08	6:07:00	52.1	53.7	48.2
20-Feb-08	6:12:00	53.4	56.1	48.9
20-Feb-08	6:17:00	54.2	57.8	48.6
20-Feb-08	6:22:00	54.2	56.6	50.0
20-Feb-08	6:27:00	54.5	57.4	50.5
20-Feb-08	6:32:00	54.7	58.1	50.5
20-Feb-08	6:37:00	53.6	55.9	50.2
20-Feb-08	6:42:00	57.8	61.9	51.4
20-Feb-08	6:47:00	58.5	61.7	53.3
20-Feb-08	6:52:00	58.3	61.3	52.1
20-Feb-08	6:57:00	57.5	60.3	52.4
20-Feb-08	23:02:00	57.0	59.1	54.2
20-Feb-08	23:07:00	57.4	59.9	53.3
20-Feb-08	23:12:00	58.4	61.4	54.0
20-Feb-08	23:17:00	56.5	58.9	53.1
20-Feb-08	23:22:00	58.0	61.0	53.4
20-Feb-08	23:27:00	60.1	61.6	52.9
20-Feb-08	23:32:00	57.5	60.5	52.0
20-Feb-08	23:37:00	56.9	59.4	53.1
20-Feb-08	23:42:00	55.8	58.2	51.7
20-Feb-08	23:47:00	56.7	59.2	51.9
20-Feb-08	23:52:00	55.9	57.4	52.2
20-Feb-08	23:57:00	55.9	58.6	51.6
	Mean	53.7	56.4	49.6
	Maximum	60.1	61.9	54.2
	Minimum	47.7	48.6	46.9

### Night Time Noise Level at NC2 The Legend\*

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
21-Feb-08	0:02:00	54.4	56.8	50.9
21-Feb-08	0:07:00	54.8	57.4	50.3
21-Feb-08	0:12:00	54.8	57.7	50.6
21-Feb-08	0:17:00	53.8	56.1	50.8
21-Feb-08	0:22:00	54.9	57.2	50.8
21-Feb-08	0:27:00	53.8	56.4	50.2
21-Feb-08	0:32:00	54.0	56.5	50.1
21-Feb-08	0:37:00	54.0	56.7	50.5
21-Feb-08	0:42:00	55.9	56.8	50.4
21-Feb-08	0:47:00	52.0	54.4	49.2
21-Feb-08	0:52:00	52.6	54.7	50.1
21-Feb-08	0:57:00	52.8	55.4	49.3
21-Feb-08	1:02:00	52.3	54.6	49.1
21-Feb-08	1:07:00	53.3	55.6	49.9
21-Feb-08	1:12:00	53.8	55.7	50.2
21-Feb-08	1:17:00	51.8	53.8	49.2
21-Feb-08	1:22:00	50.8	52.7	48.5
21-Feb-08	1:27:00	52.0	54.3	49.1
21-Feb-08	1:32:00	52.3	54.8	49.0
21-Feb-08	1:37:00	51.3	52.9	48.1
21-Feb-08	1:42:00	52.4	55.2	48.6
21-Feb-08	1:47:00	53.8	56.9	48.8
21-Feb-08	1:52:00	52.2	54.3	49.1
21-Feb-08	1:57:00	53.6	56.6	49.6
21-Feb-08	2:02:00	51.2	52.6	48.3
21-Feb-08	2:07:00	50.3	52.5	47.9
21-Feb-08	2:12:00	51.0	53.0	48.3
21-Feb-08	2:17:00	51.0	52.9	48.4
21-Feb-08	2:22:00	52.2	54.4	49.4
21-Feb-08	2:27:00	51.6	53.5	49.2
21-Feb-08	2:32:00	54.6	56.9	50.8
21-Feb-08	2:37:00	50.9	53.1	48.5
21-Feb-08	2:42:00	53.1	55.1	50.2
21-Feb-08	2:47:00	53.9	55.2	49.1
21-Feb-08	2:52:00	52.3	54.4	49.4
21-Feb-08	2:57:00	52.7	55.0	49.5
21-Feb-08	3:02:00	51.7	54.0	49.2
21-Feb-08	3:07:00	51.6	53.7	48.9
21-Feb-08	3:12:00	50.2	52.1	48.1
21-Feb-08	3:17:00	50.4	52.6	48.0
21-Feb-08	3:22:00	50.8	52.7	47.9
21-Feb-08	3:27:00	49.4	50.8	47.9
21-Feb-08	3:32:00	50.2	52.7	47.3
21-Feb-08	3:37:00	49.2	50.8	47.4
21-Feb-08	3:42:00	51.4	53.5	47.6
21-Feb-08	3:47:00	51.1	54.7	47.7
21-Feb-08	3:52:00	55.6	60.3	48.4
21-Feb-08	3:57:00	50.0	52.0	47.5
21-Feb-08	4:02:00	49.5	51.5	47.2
21-Feb-08	4:07:00	53.1	53.2	47.3
21-Feb-08	4:12:00	50.7	53.5	47.6

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
21-Feb-08	4:17:00	49.3	50.8	47.6
21-Feb-08	4:22:00	49.6	51.7	47.3
21-Feb-08	4:27:00	49.3	51.5	47.1
21-Feb-08	4:32:00	49.3	50.7	47.1
21-Feb-08	4:37:00	48.4	49.9	46.9
21-Feb-08	4:42:00	49.6	51.0	47.4
21-Feb-08	4:47:00	48.9	50.7	47.1
21-Feb-08	4:52:00	48.8	50.4	47.1
21-Feb-08	4:57:00	49.5	51.1	47.5
21-Feb-08	5:02:00	49.3	51.0	47.3
21-Feb-08	5:07:00	49.5	51.5	47.2
21-Feb-08	5:12:00	50.6	53.2	47.3
21-Feb-08	5:17:00	49.7	51.6	47.2
21-Feb-08	5:22:00	48.6	49.8	46.9
21-Feb-08	5:27:00	51.6	53.1	47.0
21-Feb-08	5:32:00	48.8	50.2	47.0
21-Feb-08	5:37:00	49.0	51.0	47.1
21-Feb-08	5:42:00	53.5	56.4	47.4
21-Feb-08	5:47:00	51.1	54.2	47.4
21-Feb-08	5:52:00	51.7	54.8	47.3
21-Feb-08	5:57:00	51.4	54.7	47.9
21-Feb-08	6:02:00	50.2	52.5	47.3
21-Feb-08	6:07:00	53.0	55.7	48.2
21-Feb-08	6:12:00	51.2	53.2	48.0
21-Feb-08	6:17:00	54.6	58.3	48.3
21-Feb-08	6:22:00	51.8	54.4	48.2
21-Feb-08	6:27:00	53.5	56.2	50.1
21-Feb-08	6:32:00	56.7	59.6	51.4
21-Feb-08	6:37:00	55.0	58.4	49.8
21-Feb-08	6:42:00	56.5	59.9	51.3
21-Feb-08	6:47:00	57.6	60.4	54.0
21-Feb-08	6:52:00	56.6	60.2	50.1
21-Feb-08	6:57:00	58.0	61.5	51.2
21-Feb-08	23:02:00	58.6	61.6	54.0
21-Feb-08	23:07:00	59.5	62.3	52.9
21-Feb-08	23:12:00	58.4	61.8	53.4
21-Feb-08	23:17:00	56.4	58.8	51.5
21-Feb-08	23:22:00	56.4	58.8	52.8
21-Feb-08	23:27:00	57.0	60.0	52.0
21-Feb-08	23:32:00	56.2	58.8	52.1
21-Feb-08	23:37:00	58.5	60.6	53.2
21-Feb-08	23:42:00	57.0	59.6	52.8
21-Feb-08	23:47:00	57.3	60.6	52.5
21-Feb-08	23:52:00	55.4	58.1	51.4
21-Feb-08	23:57:00	56.2	59.5	52.1
	Mean	53.6	56.3	49.6
	Maximum	59.5	62.3	54.0
	Minimum	48.4	49.8	46.9

### Night Time Noise Level at NC2 The Legend\*

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
22-Feb-08	0:02:00	55.9	58.5	52.0
22-Feb-08	0:07:00	56.5	59.3	52.3
22-Feb-08	0:12:00	55.4	58.5	51.1
22-Feb-08	0:17:00	54.0	56.4	51.0
22-Feb-08	0:22:00	55.2	57.7	51.5
22-Feb-08	0:27:00	54.3	56.6	51.2
22-Feb-08	0:32:00	53.6	56.3	50.1
22-Feb-08	0:37:00	54.1	56.4	51.0
22-Feb-08	0:42:00	53.7	55.8	50.8
22-Feb-08	0:47:00	54.5	57.6	50.6
22-Feb-08	0:52:00	52.9	55.2	50.0
22-Feb-08	0:57:00	53.4	56.0	49.4
22-Feb-08	1:02:00	52.4	54.7	49.3
22-Feb-08	1:07:00	52.0	54.6	48.9
22-Feb-08	1:12:00	53.2	56.0	48.7
22-Feb-08	1:17:00	52.9	55.1	49.1
22-Feb-08	1:22:00	51.4	53.3	49.0
22-Feb-08	1:27:00	51.5	53.5	49.1
22-Feb-08	1:32:00	52.8	54.9	49.8
22-Feb-08	1:37:00	52.2	54.6	48.9
22-Feb-08	1:42:00	52.6	55.5	49.2
22-Feb-08	1:47:00	52.3	54.5	49.0
22-Feb-08	1:52:00	50.4	51.9	48.3
22-Feb-08	1:57:00	51.6	54.2	48.4
22-Feb-08	2:02:00	52.4	55.3	48.3
22-Feb-08	2:07:00	50.8	53.2	48.0
22-Feb-08	2:12:00	53.3	56.1	48.5
22-Feb-08	2:17:00	51.4	53.7	48.4
22-Feb-08	2:22:00	51.7	54.6	48.3
22-Feb-08	2:27:00	51.0	53.1	48.4
22-Feb-08	2:32:00	51.5	53.8	48.8
22-Feb-08	2:37:00	50.5	52.4	48.4
22-Feb-08	2:42:00	51.4	53.5	49.0
22-Feb-08	2:47:00	51.5	53.7	48.9
22-Feb-08	2:52:00	54.0	53.7	48.8
22-Feb-08	2:57:00	50.7	53.0	48.3
22-Feb-08	3:02:00	51.3	53.4	49.0
22-Feb-08	3:07:00	51.3	53.2	49.1
22-Feb-08	3:12:00	52.2	54.3	48.3
22-Feb-08	3:17:00	50.5	52.6	48.2
22-Feb-08	3:22:00	49.2	50.5	47.7
22-Feb-08	3:27:00	50.9	53.0	48.2
22-Feb-08	3:32:00	49.6	51.1	48.0
22-Feb-08	3:37:00	51.2	53.6	48.2
22-Feb-08	3:42:00	50.6	52.5	48.2
22-Feb-08	3:47:00	51.1	53.8	47.9
22-Feb-08	3:52:00	50.5	52.4	48.0
22-Feb-08	3:57:00	49.8	51.4	48.0
22-Feb-08	4:02:00	50.8	52.8	48.5
22-Feb-08	4:07:00	52.3	54.7	49.2
22-Feb-08	4:12:00	51.0	52.8	48.8

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
22-Feb-08	4:17:00	50.2	51.6	48.0
22-Feb-08	4:22:00	50.3	52.1	48.2
22-Feb-08	4:27:00	49.3	50.7	47.9
22-Feb-08	4:32:00	49.9	51.4	48.3
22-Feb-08	4:37:00	50.5	51.5	47.8
22-Feb-08	4:42:00	49.2	51.3	47.2
22-Feb-08	4:47:00	50.2	51.8	48.0
22-Feb-08	4:52:00	50.0	51.3	47.8
22-Feb-08	4:57:00	49.1	50.7	47.3
22-Feb-08	5:02:00	49.9	51.8	47.9
22-Feb-08	5:07:00	50.8	52.6	48.7
22-Feb-08	5:12:00	50.5	51.9	48.0
22-Feb-08	5:17:00	49.6	50.8	48.0
22-Feb-08	5:22:00	50.3	52.4	48.0
22-Feb-08	5:27:00	50.3	52.0	47.9
22-Feb-08	5:32:00	52.0	54.7	48.1
22-Feb-08	5:37:00	53.7	55.4	50.2
22-Feb-08	5:42:00	53.5	54.9	49.3
22-Feb-08	5:47:00	52.2	53.8	49.2
22-Feb-08	5:52:00	52.7	55.4	49.9
22-Feb-08	5:57:00	53.0	55.6	50.2
22-Feb-08	6:02:00	52.4	54.3	49.4
22-Feb-08	6:07:00	51.4	53.1	49.4
22-Feb-08	6:12:00	53.0	55.5	49.7
22-Feb-08	6:17:00	56.2	60.8	49.9
22-Feb-08	6:22:00	52.3	54.2	49.8
22-Feb-08	6:27:00	54.2	56.9	50.7
22-Feb-08	6:32:00	56.0	59.4	49.9
22-Feb-08	6:37:00	55.4	56.4	50.4
22-Feb-08	6:42:00	58.1	60.5	51.0
22-Feb-08	6:47:00	58.6	61.6	53.7
22-Feb-08	6:52:00	56.5	60.2	50.8
22-Feb-08	6:57:00	56.0	58.9	51.0
22-Feb-08	23:02:00	58.2	60.8	53.7
22-Feb-08	23:07:00	58.0	59.6	54.1
22-Feb-08	23:12:00	58.1	60.3	54.5
22-Feb-08	23:17:00	57.6	59.4	54.0
22-Feb-08	23:22:00	57.2	59.6	54.1
22-Feb-08	23:27:00	56.8	58.8	53.9
22-Feb-08	23:32:00	56.5	58.7	53.2
22-Feb-08	23:37:00	57.6	60.1	54.5
22-Feb-08	23:42:00	57.3	59.2	54.5
22-Feb-08	23:47:00	58.4	60.9	54.5
22-Feb-08	23:52:00	56.9	59.7	52.7
22-Feb-08	23:57:00	55.8	58.1	53.0
	Mean	53.7	56.1	50.3
	Maximum	58.6	61.6	54.5
	Minimum	49.1	50.5	47.2

### Night Time Noise Level at NC2 The Legend\*

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
23-Feb-08	0:02:00	58.1	61.5	53.1
23-Feb-08	0:07:00	58.2	59.7	53.2
23-Feb-08	0:12:00	56.8	59.9	52.4
23-Feb-08	0:17:00	55.5	57.5	52.1
23-Feb-08	0:22:00	56.9	60.3	52.1
23-Feb-08	0:27:00	56.1	56.6	51.3
23-Feb-08	0:32:00	54.2	56.9	50.7
23-Feb-08	0:37:00	54.0	56.3	51.1
23-Feb-08	0:42:00	55.0	57.0	52.4
23-Feb-08	0:47:00	54.0	56.4	51.2
23-Feb-08	0:52:00	54.9	58.0	51.6
23-Feb-08	0:57:00	53.9	56.0	51.2
23-Feb-08	1:02:00	53.9	56.3	51.4
23-Feb-08	1:07:00	54.7	56.9	51.4
23-Feb-08	1:12:00	54.4	56.4	51.0
23-Feb-08	1:17:00	53.7	55.7	50.9
23-Feb-08	1:22:00	51.9	53.8	49.6
23-Feb-08	1:27:00	53.0	55.1	50.2
23-Feb-08	1:32:00	56.1	58.1	51.2
23-Feb-08	1:37:00	52.9	54.6	50.8
23-Feb-08	1:42:00	54.8	57.7	51.0
23-Feb-08	1:47:00	52.7	55.0	50.3
23-Feb-08	1:52:00	54.1	56.7	51.0
23-Feb-08	1:57:00	52.7	55.1	50.2
23-Feb-08	2:02:00	53.0	54.7	50.5
23-Feb-08	2:07:00	53.1	54.7	50.5
23-Feb-08	2:12:00	52.3	54.6	49.9
23-Feb-08	2:17:00	52.1	54.2	49.7
23-Feb-08	2:22:00	52.6	54.9	49.9
23-Feb-08	2:27:00	51.8	54.1	49.2
23-Feb-08	2:32:00	50.8	52.4	49.1
23-Feb-08	2:37:00	51.3	53.3	49.1
23-Feb-08	2:42:00	52.3	54.1	50.1
23-Feb-08	2:47:00	52.3	54.3	49.8
23-Feb-08	2:52:00	52.8	54.6	50.4
23-Feb-08	2:57:00	52.4	54.3	50.4
23-Feb-08	3:02:00	51.7	53.0	49.4
23-Feb-08	3:07:00	51.7	53.7	49.6
23-Feb-08	3:12:00	52.3	54.3	50.0
23-Feb-08	3:17:00	51.8	53.8	49.4
23-Feb-08	3:22:00	52.2	54.1	49.7
23-Feb-08	3:27:00	52.5	53.9	49.3
23-Feb-08	3:32:00	54.0	55.7	49.5
23-Feb-08	3:37:00	52.2	53.9	49.8
23-Feb-08	3:42:00	52.1	54.3	49.4
23-Feb-08	3:47:00	52.5	55.1	49.3
23-Feb-08	3:52:00	51.3	53.2	49.2
23-Feb-08	3:57:00	51.7	54.0	49.1
23-Feb-08	4:02:00	51.9	53.7	49.5
23-Feb-08	4:07:00	50.8	52.3	48.9
23-Feb-08	4:12:00	51.8	54.3	49.2

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
23-Feb-08	4:17:00	51.4	53.5	49.2
23-Feb-08	4:22:00	51.2	52.6	49.5
23-Feb-08	4:27:00	51.6	53.0	50.1
23-Feb-08	4:32:00	52.6	53.9	50.6
23-Feb-08	4:37:00	53.5	54.9	51.9
23-Feb-08	4:42:00	53.6	54.8	52.0
23-Feb-08	4:47:00	54.1	55.8	52.1
23-Feb-08	4:52:00	53.2	54.5	51.9
23-Feb-08	4:57:00	52.5	53.7	51.2
23-Feb-08	5:02:00	52.8	54.2	51.3
23-Feb-08	5:07:00	53.0	54.5	51.4
23-Feb-08	5:12:00	51.9	53.1	50.5
23-Feb-08	5:17:00	51.4	52.8	50.0
23-Feb-08	5:22:00	51.7	53.4	50.0
23-Feb-08	5:27:00	51.2	52.8	49.5
23-Feb-08	5:32:00	51.9	53.5	49.9
23-Feb-08	5:37:00	51.7	53.6	49.8
23-Feb-08	5:42:00	51.8	53.7	49.8
23-Feb-08	5:47:00	53.7	58.3	49.2
23-Feb-08	5:52:00	53.8	56.9	50.2
23-Feb-08	5:57:00	53.0	55.9	49.7
23-Feb-08	6:02:00	53.6	54.6	49.8
23-Feb-08	6:07:00	52.9	55.2	49.7
23-Feb-08	6:12:00	51.2	52.8	49.0
23-Feb-08	6:17:00	54.3	56.8	50.1
23-Feb-08	6:22:00	53.4	55.5	50.6
23-Feb-08	6:27:00	52.2	53.7	49.9
23-Feb-08	6:32:00	56.4	60.4	50.7
23-Feb-08	6:37:00	53.4	56.0	50.2
23-Feb-08	6:42:00	55.7	58.8	50.8
23-Feb-08	6:47:00	56.0	58.6	51.2
23-Feb-08	6:52:00	54.7	57.6	49.8
23-Feb-08	6:57:00	55.8	58.9	50.4
23-Feb-08	23:02:00	60.3	62.6	57.1
23-Feb-08	23:07:00	58.5	60.1	56.6
23-Feb-08	23:12:00	59.1	60.7	57.3
23-Feb-08	23:17:00	59.0	60.7	56.6
23-Feb-08	23:22:00	58.6	60.2	56.5
23-Feb-08	23:27:00	59.0	60.9	56.5
23-Feb-08	23:32:00	59.0	60.8	56.9
23-Feb-08	23:37:00	59.3	61.8	56.5
23-Feb-08	23:42:00	57.4	58.9	55.7
23-Feb-08	23:47:00	58.1	59.6	56.1
23-Feb-08	23:52:00	58.2	60.3	55.9
23-Feb-08	23:57:00	58.5	60.6	56.0
	Mean	54.7	56.8	51.9
	Maximum	60.3	62.6	57.3
	Minimum	50.8	52.3	48.9

### Night Time Noise Level at NC2 The Legend\*

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
24-Feb-08	0:02:00	57.4	59.1	55.4
24-Feb-08	0:07:00	57.9	59.6	56.0
24-Feb-08	0:12:00	58.4	60.2	56.0
24-Feb-08	0:17:00	57.3	58.9	55.4
24-Feb-08	0:22:00	57.9	60.1	55.4
24-Feb-08	0:27:00	56.9	58.5	54.9
24-Feb-08	0:32:00	56.8	58.3	55.1
24-Feb-08	0:37:00	57.7	59.2	55.6
24-Feb-08	0:42:00	56.8	58.2	55.0
24-Feb-08	0:47:00	57.4	59.1	55.4
24-Feb-08	0:52:00	56.5	58.1	54.8
24-Feb-08	0:57:00	55.9	57.3	54.2
24-Feb-08	1:02:00	57.9	60.1	55.3
24-Feb-08	1:07:00	57.0	58.7	54.9
24-Feb-08	1:12:00	56.6	58.4	54.6
24-Feb-08	1:17:00	56.3	57.8	54.3
24-Feb-08	1:22:00	55.7	57.5	53.9
24-Feb-08	1:27:00	56.0	57.4	54.3
24-Feb-08	1:32:00	55.3	56.8	53.6
24-Feb-08	1:37:00	55.9	57.5	54.0
24-Feb-08	1:42:00	56.5	58.6	53.8
24-Feb-08	1:47:00	56.8	58.7	54.3
24-Feb-08	1:52:00	56.8	58.8	54.3
24-Feb-08	1:57:00	56.5	58.4	54.4
24-Feb-08	2:02:00	56.3	58.3	54.2
24-Feb-08	2:07:00	56.6	58.5	54.3
24-Feb-08	2:12:00	57.2	59.5	54.7
24-Feb-08	2:17:00	56.4	58.8	53.9
24-Feb-08	2:22:00	55.6	57.4	53.6
24-Feb-08	2:27:00	57.0	60.9	52.9
24-Feb-08	2:32:00	56.1	57.7	54.1
24-Feb-08	2:37:00	55.5	57.4	53.3
24-Feb-08	2:42:00	55.6	57.7	53.1
24-Feb-08	2:47:00	55.7	57.3	53.7
24-Feb-08	2:52:00	54.9	56.4	53.2
24-Feb-08	2:57:00	55.7	57.7	53.5
24-Feb-08	3:02:00	55.1	56.5	53.3
24-Feb-08	3:07:00	56.4	58.7	53.5
24-Feb-08	3:12:00	55.6	57.4	53.7
24-Feb-08	3:17:00	56.1	57.6	54.3
24-Feb-08	3:22:00	55.6	57.0	53.9
24-Feb-08	3:27:00	54.9	56.4	53.0
24-Feb-08	3:32:00	54.4	56.5	52.1
24-Feb-08	3:37:00	55.1	56.8	52.8
24-Feb-08	3:42:00	54.1	55.8	52.0
24-Feb-08	3:47:00	54.9	57.1	51.7
24-Feb-08	3:52:00	53.6	55.8	51.4
24-Feb-08	3:57:00	52.9	54.7	51.1
24-Feb-08	4:02:00	52.5	54.1	51.0
24-Feb-08	4:07:00	51.9	53.5	50.3
24-Feb-08	4:12:00	52.6	54.8	50.3

Date	Time	Noise Level for 5-min, dB(A)		
		Leq	L10	L90
24-Feb-08	4:17:00	52.6	54.2	50.9
24-Feb-08	4:22:00	54.8	56.2	52.4
24-Feb-08	4:27:00	54.0	55.7	52.0
24-Feb-08	4:32:00	53.7	55.2	52.0
24-Feb-08	4:37:00	54.0	55.4	51.9
24-Feb-08	4:42:00	53.7	55.4	51.9
24-Feb-08	4:47:00	52.8	54.5	50.9
24-Feb-08	4:52:00	52.5	53.8	50.7
24-Feb-08	4:57:00	51.5	52.6	50.2
24-Feb-08	5:02:00	53.0	54.6	51.2
24-Feb-08	5:07:00	52.7	54.2	50.8
24-Feb-08	5:12:00	52.1	53.6	50.3
24-Feb-08	5:17:00	51.6	53.1	50.1
24-Feb-08	5:22:00	52.2	54.0	50.3
24-Feb-08	5:27:00	53.9	55.9	51.0
24-Feb-08	5:32:00	53.4	55.7	50.9
24-Feb-08	5:37:00	53.1	55.0	50.5
24-Feb-08	5:42:00	54.3	57.0	51.2
24-Feb-08	5:47:00	54.3	57.2	51.0
24-Feb-08	5:52:00	53.6	55.2	51.0
24-Feb-08	5:57:00	52.7	54.4	50.9
24-Feb-08	6:02:00	53.0	55.6	50.4
24-Feb-08	6:07:00	53.9	56.4	51.1
24-Feb-08	6:12:00	51.8	53.3	50.1
24-Feb-08	6:17:00	53.1	55.2	50.5
24-Feb-08	6:22:00	54.3	55.8	50.3
24-Feb-08	6:27:00	54.5	57.9	50.4
24-Feb-08	6:32:00	54.8	57.1	51.1
24-Feb-08	6:37:00	54.6	57.4	50.3
24-Feb-08	6:42:00	54.3	57.0	50.3
24-Feb-08	6:47:00	53.5	55.9	50.6
24-Feb-08	6:52:00	54.8	57.4	50.9
24-Feb-08	6:57:00	53.9	56.2	50.6
24-Feb-08	23:02:00	58.5	60.9	54.9
24-Feb-08	23:07:00	57.4	59.4	53.6
24-Feb-08	23:12:00	57.2	59.9	53.5
24-Feb-08	23:17:00	55.6	57.6	52.4
24-Feb-08	23:22:00	57.9	60.7	54.0
24-Feb-08	23:27:00	56.8	59.1	53.0
24-Feb-08	23:32:00	57.8	60.4	54.1
24-Feb-08	23:37:00	54.9	56.8	52.3
24-Feb-08	23:42:00	56.1	58.3	52.9
24-Feb-08	23:47:00	55.4	57.8	51.5
24-Feb-08	23:52:00	55.2	57.8	51.5
24-Feb-08	23:57:00	57.7	60.9	52.4
	Mean	55.5	57.5	53.0
	Maximum	58.5	60.9	56.0
	Minimum	51.5	52.6	50.1

### Night Time Noise Level at NC2 The Legend\*

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
25-Feb-08	0:02:00	56.2	59.3	51.5
25-Feb-08	0:07:00	55.8	58.2	52.5
25-Feb-08	0:12:00	56.8	59.3	52.9
25-Feb-08	0:17:00	55.7	57.7	52.6
25-Feb-08	0:22:00	56.6	59.2	52.9
25-Feb-08	0:27:00	54.8	56.0	51.9
25-Feb-08	0:32:00	56.6	58.7	51.9
25-Feb-08	0:37:00	58.9	61.2	55.0
25-Feb-08	0:42:00	55.3	57.7	51.7
25-Feb-08	0:47:00	53.5	55.4	50.8
25-Feb-08	0:52:00	55.1	57.8	51.9
25-Feb-08	0:57:00	54.8	57.6	50.6
25-Feb-08	1:02:00	52.6	54.4	50.4
25-Feb-08	1:07:00	53.1	55.4	50.3
25-Feb-08	1:12:00	53.1	55.0	50.4
25-Feb-08	1:17:00	54.7	57.5	50.8
25-Feb-08	1:22:00	53.5	56.0	49.9
25-Feb-08	1:27:00	52.5	55.0	49.6
25-Feb-08	1:32:00	52.7	54.6	50.3
25-Feb-08	1:37:00	52.8	54.8	49.6
25-Feb-08	1:42:00	50.8	52.7	48.5
25-Feb-08	1:47:00	51.0	52.5	49.2
25-Feb-08	1:52:00	50.9	52.5	49.1
25-Feb-08	1:57:00	52.7	54.4	50.2
25-Feb-08	2:02:00	54.5	56.8	51.3
25-Feb-08	2:07:00	53.3	56.3	49.5
25-Feb-08	2:12:00	51.5	53.0	49.3
25-Feb-08	2:17:00	54.7	57.5	50.8
25-Feb-08	2:22:00	51.9	54.2	49.0
25-Feb-08	2:27:00	53.1	54.8	50.2
25-Feb-08	2:32:00	51.9	53.4	49.9
25-Feb-08	2:37:00	52.8	55.0	50.1
25-Feb-08	2:42:00	53.5	55.6	50.5
25-Feb-08	2:47:00	53.1	55.8	49.9
25-Feb-08	2:52:00	52.6	56.1	49.3
25-Feb-08	2:57:00	51.6	53.5	49.2
25-Feb-08	3:02:00	51.3	53.4	48.5
25-Feb-08	3:07:00	51.4	53.7	49.0
25-Feb-08	3:12:00	53.0	56.0	49.1
25-Feb-08	3:17:00	50.6	52.0	48.7
25-Feb-08	3:22:00	51.2	52.9	49.1
25-Feb-08	3:27:00	50.9	52.9	48.4
25-Feb-08	3:32:00	51.7	53.7	47.8
25-Feb-08	3:37:00	51.3	51.4	47.9
25-Feb-08	3:42:00	49.3	50.9	47.5
25-Feb-08	3:47:00	51.6	53.8	48.2
25-Feb-08	3:52:00	50.4	51.9	48.0
25-Feb-08	3:57:00	48.9	50.3	47.3
25-Feb-08	4:02:00	51.6	53.7	48.2
25-Feb-08	4:07:00	49.0	50.3	47.5
25-Feb-08	4:12:00	50.1	51.7	47.9

Noise Level for 5-min, dB(A)				
Date	Time	Leq	L10	L90
25-Feb-08	4:17:00	51.4	54.1	48.3
25-Feb-08	4:22:00	51.7	53.8	48.9
25-Feb-08	4:27:00	50.8	52.6	48.6
25-Feb-08	4:32:00	51.1	52.9	48.8
25-Feb-08	4:37:00	49.8	51.5	48.0
25-Feb-08	4:42:00	48.8	50.3	47.2
25-Feb-08	4:47:00	49.9	51.8	47.9
25-Feb-08	4:52:00	51.8	52.5	48.3
25-Feb-08	4:57:00	58.8	62.6	53.3
25-Feb-08	5:02:00	53.7	55.2	52.1
25-Feb-08	5:07:00	53.3	55.4	50.9
25-Feb-08	5:12:00	54.1	56.5	50.2
25-Feb-08	5:17:00	51.2	52.5	49.5
25-Feb-08	5:22:00	52.3	54.0	50.0
25-Feb-08	5:27:00	54.3	57.2	50.0
25-Feb-08	5:32:00	53.1	54.6	50.2
25-Feb-08	5:37:00	53.1	56.3	50.1
25-Feb-08	5:42:00	54.4	58.6	50.0
25-Feb-08	5:47:00	53.1	56.0	50.3
25-Feb-08	5:52:00	52.2	54.0	50.1
25-Feb-08	5:57:00	57.1	61.5	50.8
25-Feb-08	6:02:00	55.3	58.3	51.4
25-Feb-08	6:07:00	54.6	58.0	50.8
25-Feb-08	6:12:00	55.3	58.3	51.0
25-Feb-08	6:17:00	56.8	60.1	50.8
25-Feb-08	6:22:00	54.5	57.4	51.1
25-Feb-08	6:27:00	60.0	60.4	54.5
25-Feb-08	6:32:00	53.0	55.7	48.6
25-Feb-08	6:37:00	58.8	62.3	52.3
25-Feb-08	6:42:00	58.0	60.8	53.1
25-Feb-08	6:47:00	55.9	59.1	51.0
25-Feb-08	6:52:00	57.7	61.1	52.4
25-Feb-08	6:57:00	57.4	60.0	53.6
25-Feb-08	23:02:00	55.5	57.8	51.8
25-Feb-08	23:07:00	56.8	59.2	52.9
25-Feb-08	23:12:00	54.7	56.8	51.4
25-Feb-08	23:17:00	57.4	59.9	52.8
25-Feb-08	23:22:00	56.0	58.3	52.4
25-Feb-08	23:27:00	55.9	58.5	52.0
25-Feb-08	23:32:00	55.7	58.1	52.1
25-Feb-08	23:37:00	54.8	57.8	50.6
25-Feb-08	23:42:00	56.8	60.1	51.9
25-Feb-08	23:47:00	53.8	56.4	50.3
25-Feb-08	23:52:00	56.0	59.2	51.3
25-Feb-08	23:57:00	57.5	59.1	51.0
	Mean	54.4	56.9	50.7
	Maximum	60.0	62.6	55.0
	Minimum	48.8	50.3	47.2

Summary of Night Time Noise Level at NC2 The Legend*			
	Leq	L10	L90
Mean	53.9	56.4	50.2
Max	60.3	64.1	57.3
Min	46.7	47.7	45.6

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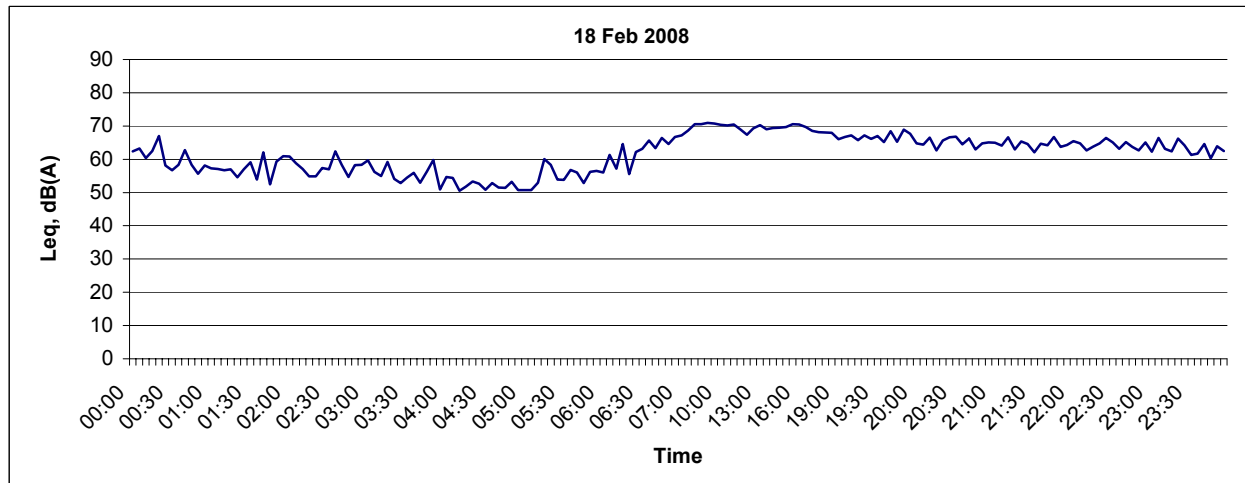
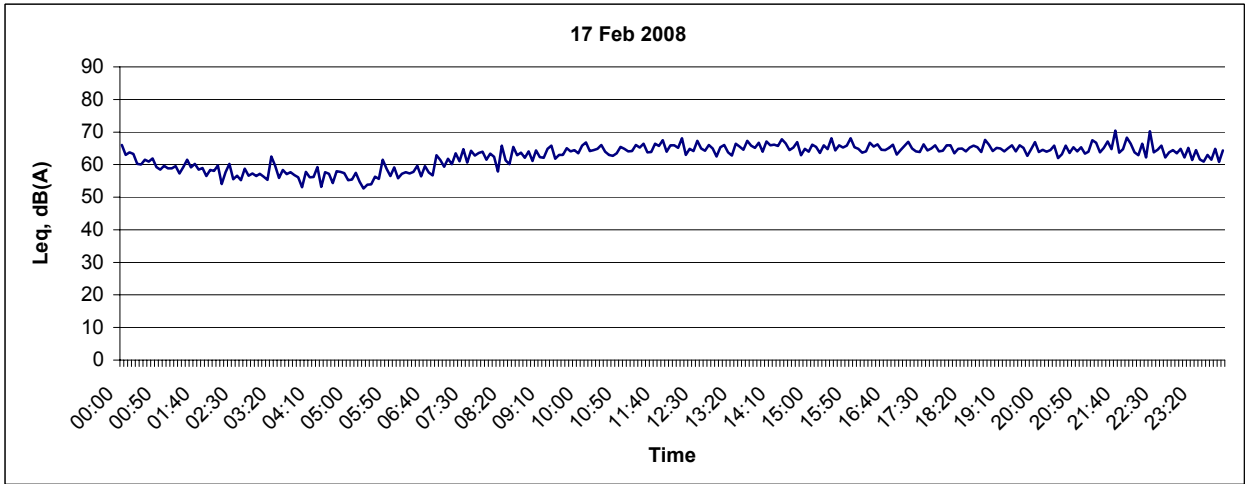
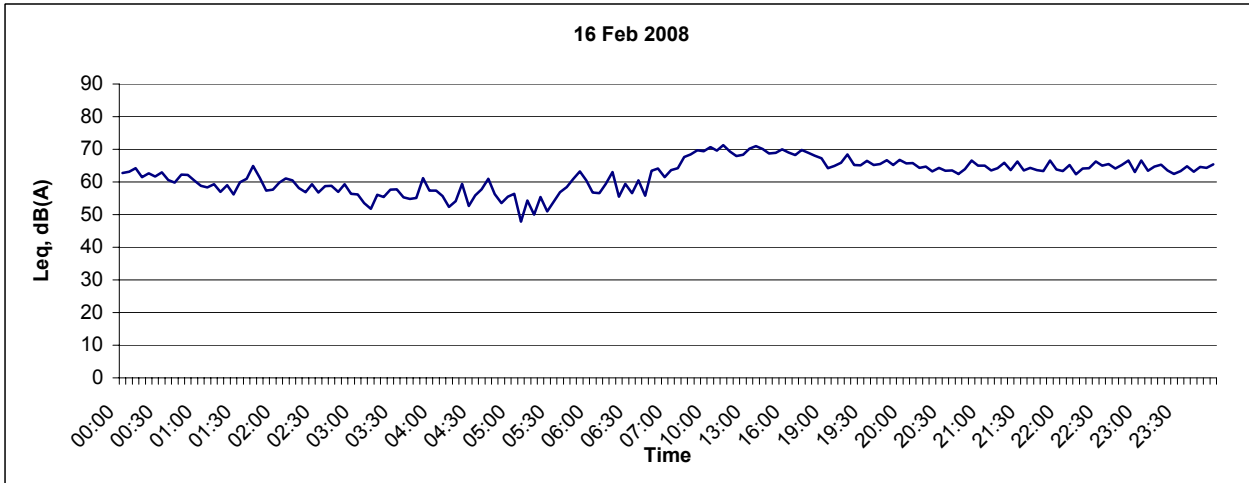
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**APPENDIX B6  
GRAPHICAL PRESENTATION OF  
BASELINE NOISE LEVELS**

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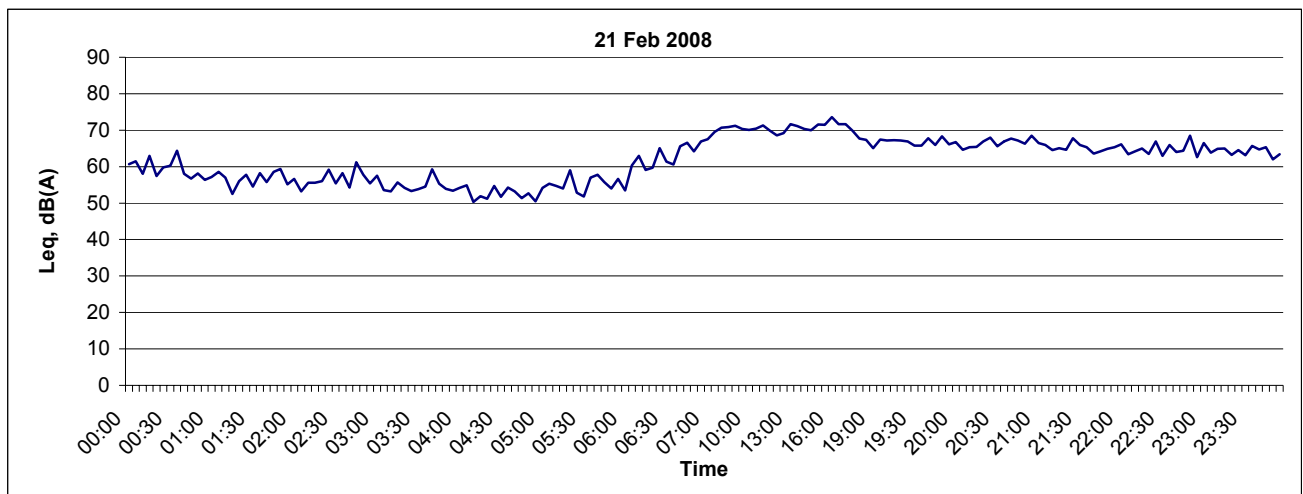
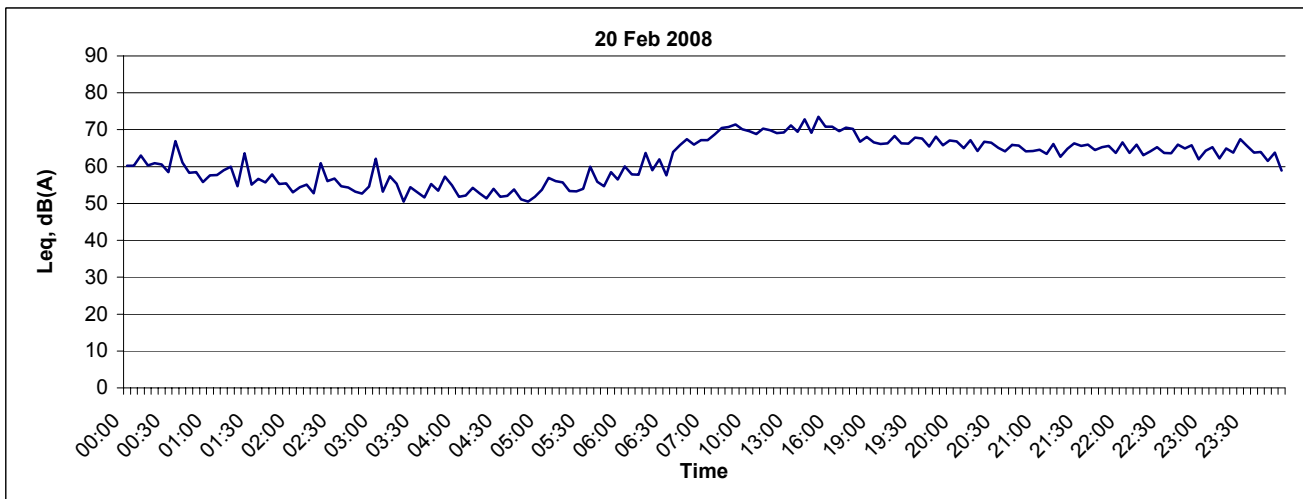
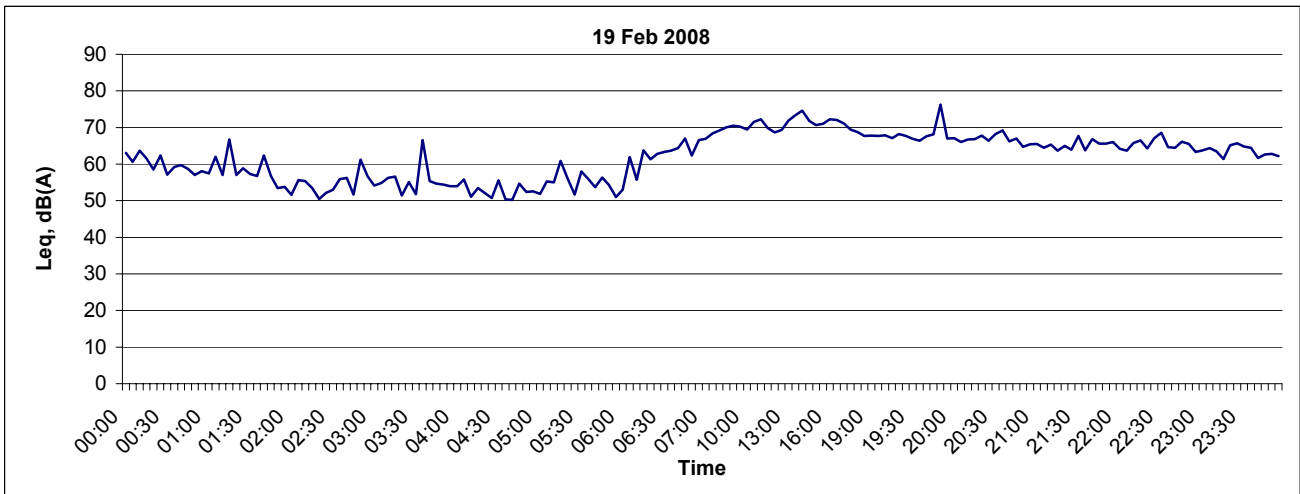
## Noise Level at NC1, 2/F outside the window facing to construction site



Title CONTRACT NO. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel  Graphical Presentation of Baseline Noise Levels at NC1, 2/F outside the window facing to construction site	Scale N.T.S	Project No. MA8001	CINOTECH
	Date Feb-08	Appendix B6	

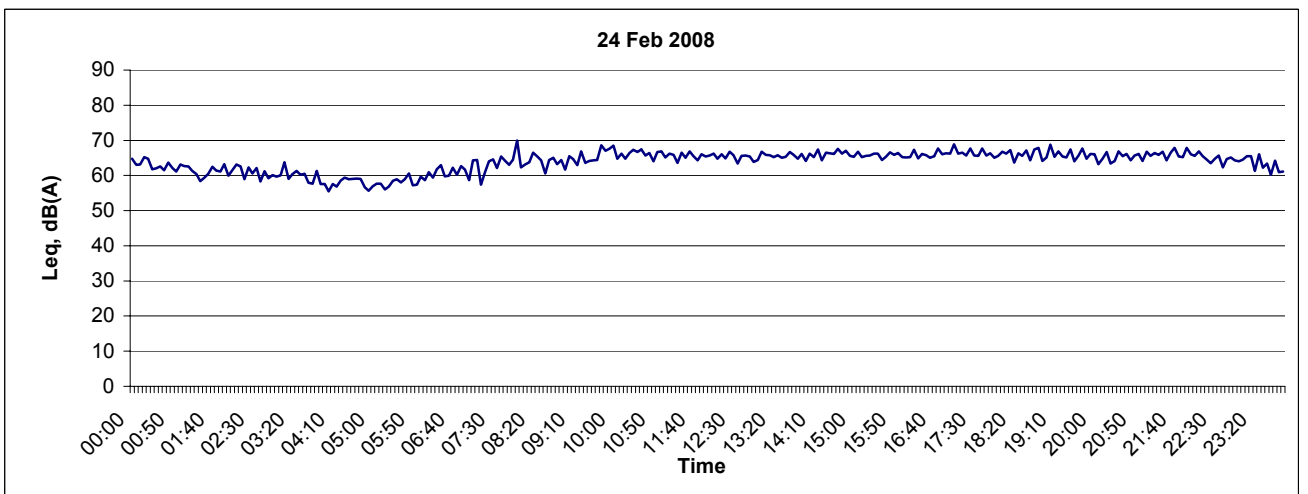
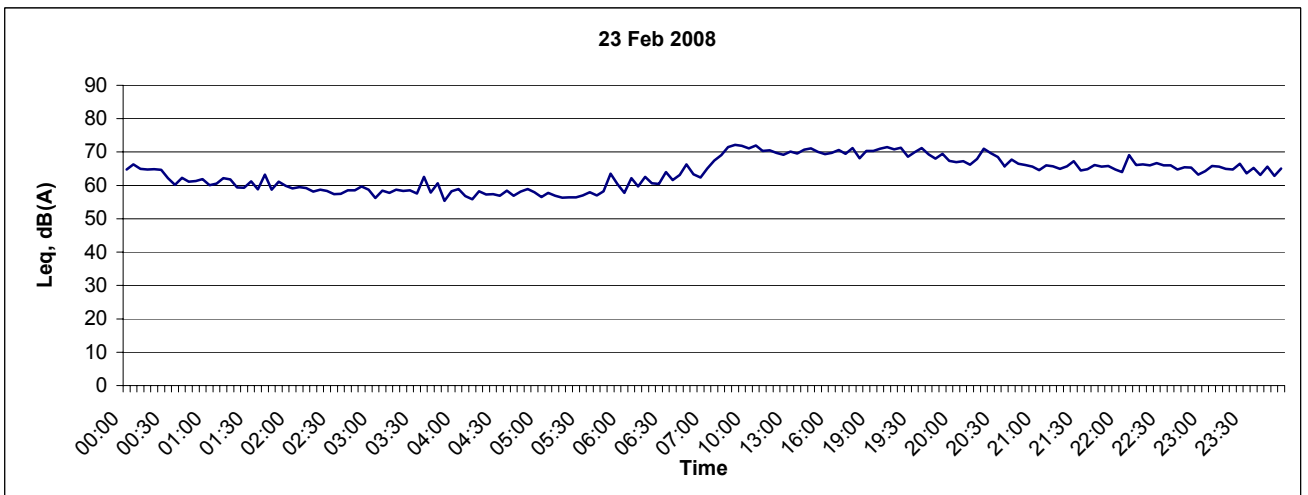
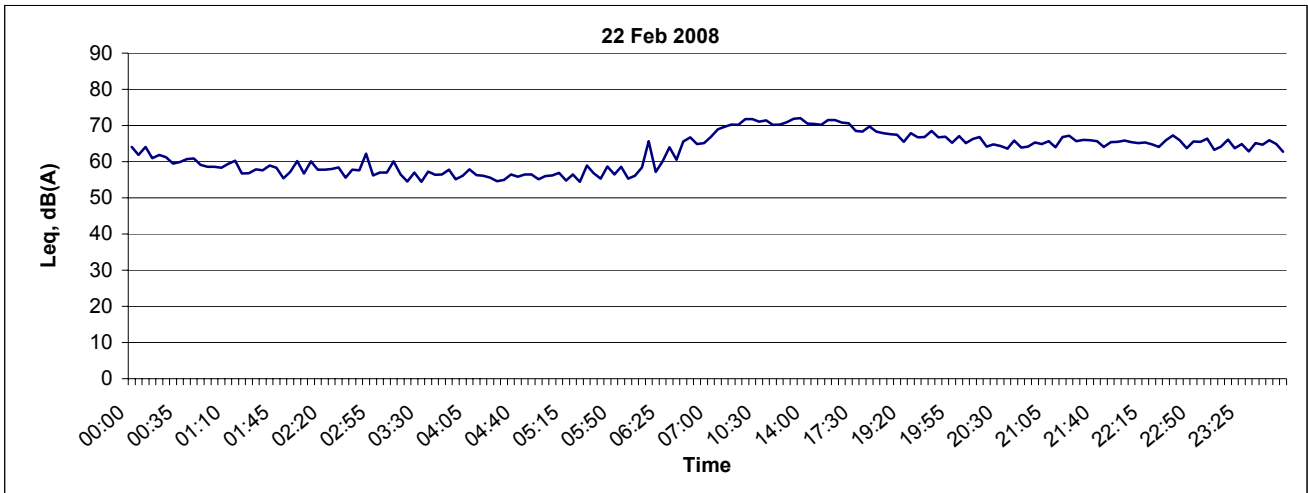


## Noise Level at NC1, 2/F outside the window facing to construction site



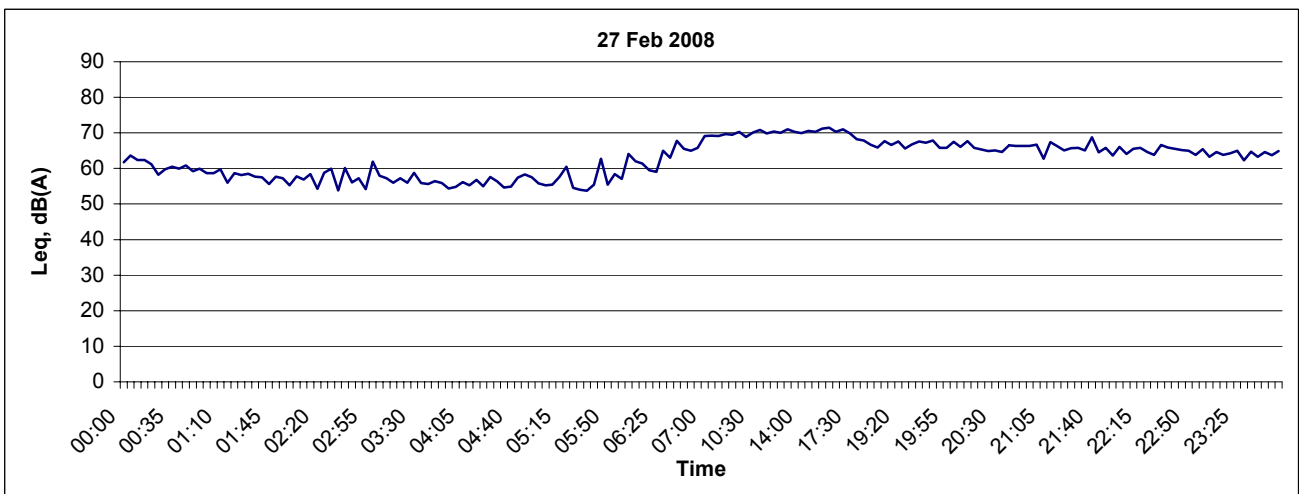
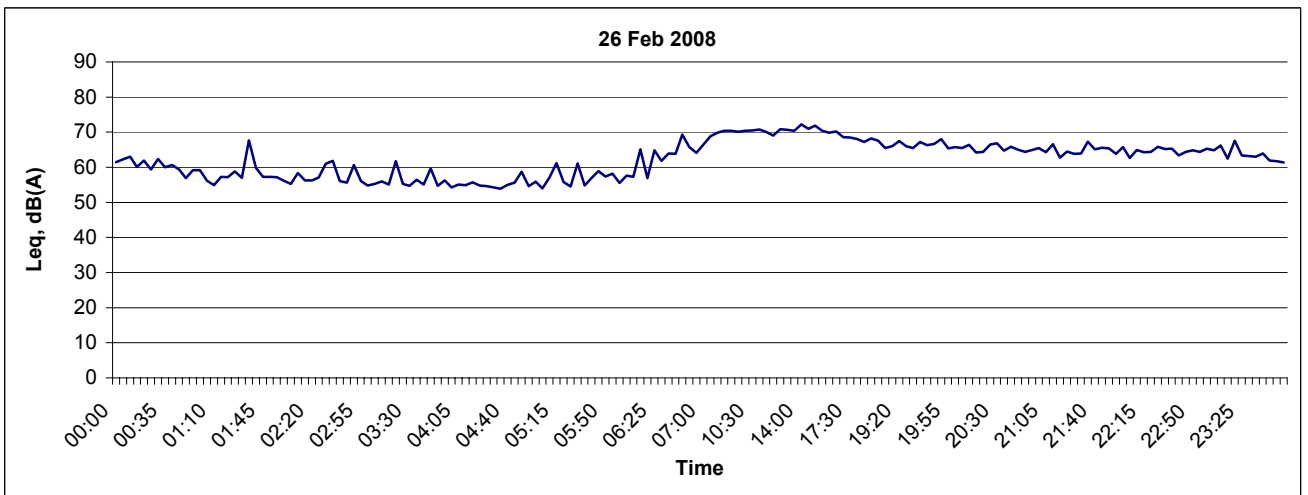
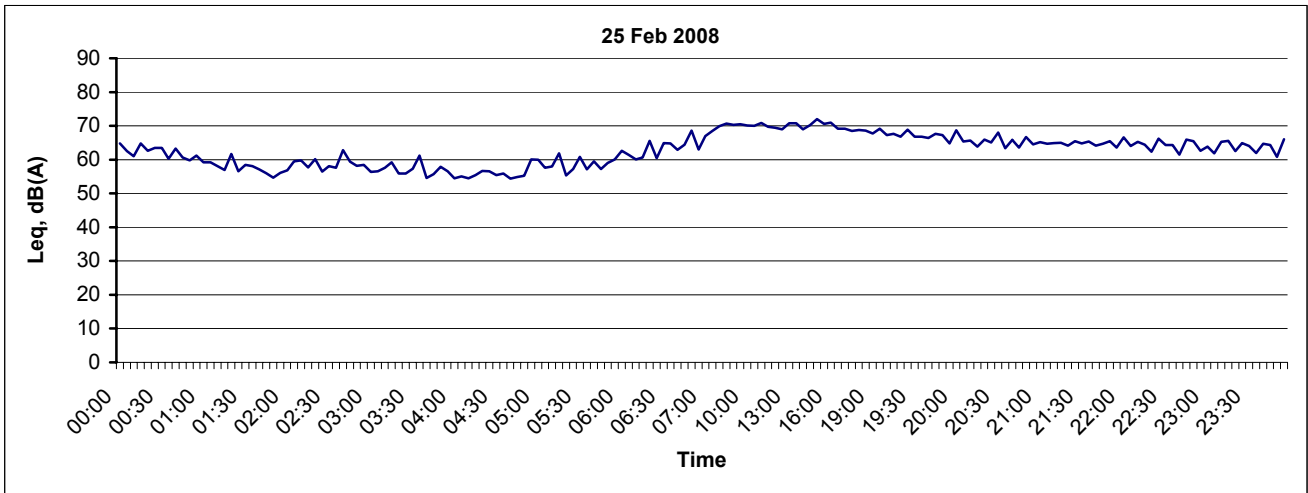
Title CONTRACT NO. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel Graphical Presentation of Baseline Noise Levels at NC1, 2/F outside the window facing to construction site	Scale N.T.S	Project No. MA8001	<b>CINOTECH</b>
	Date Feb-08	Appendix B6	

## Noise Level at NC1, 2/F outside the window facing to construction site



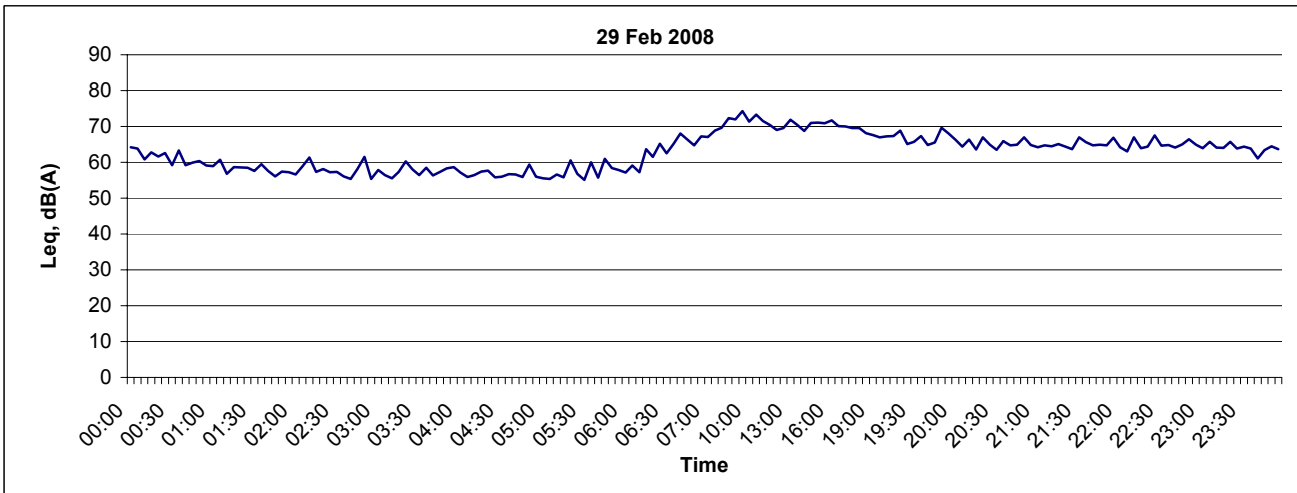
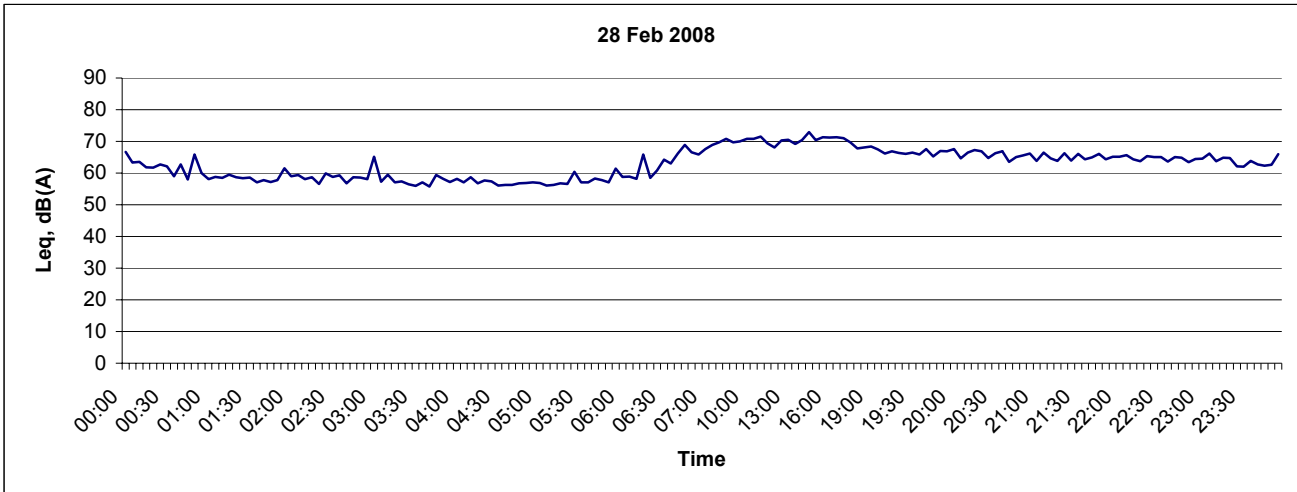
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	Date Feb-08	Appendix B6	

## Noise Level at NC1, 2/F outside the window facing to construction site



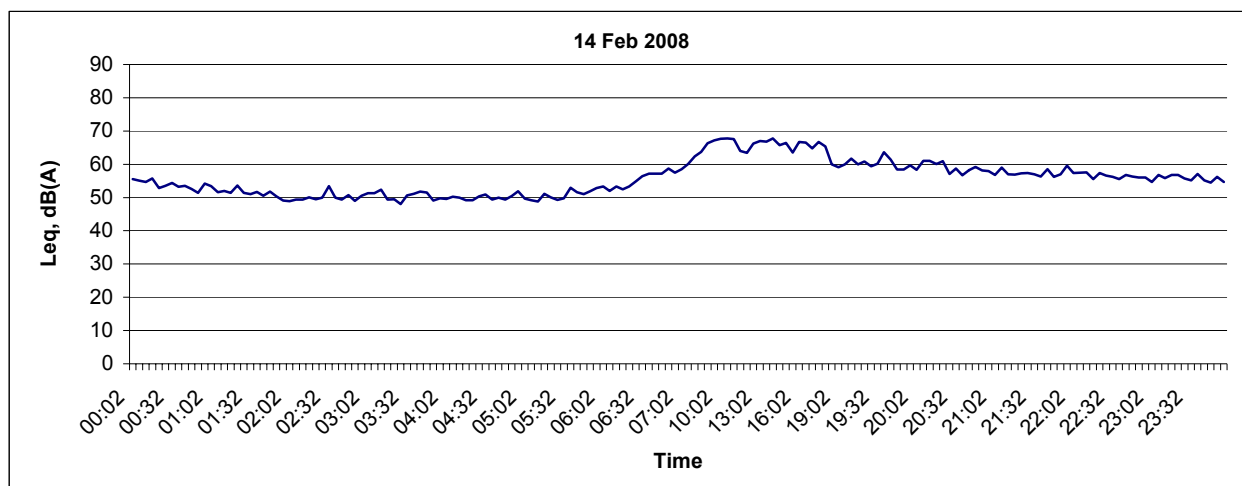
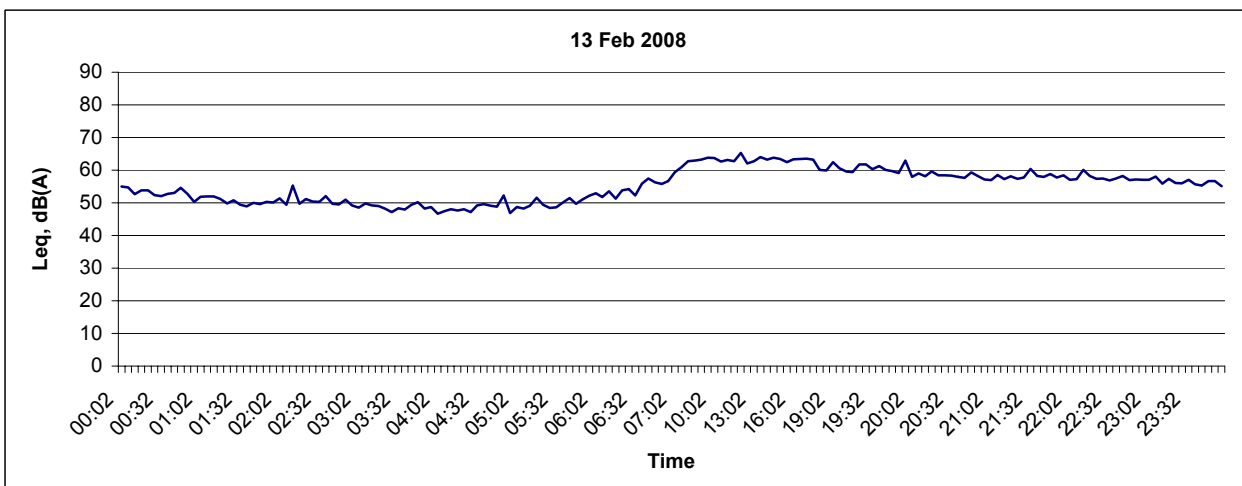
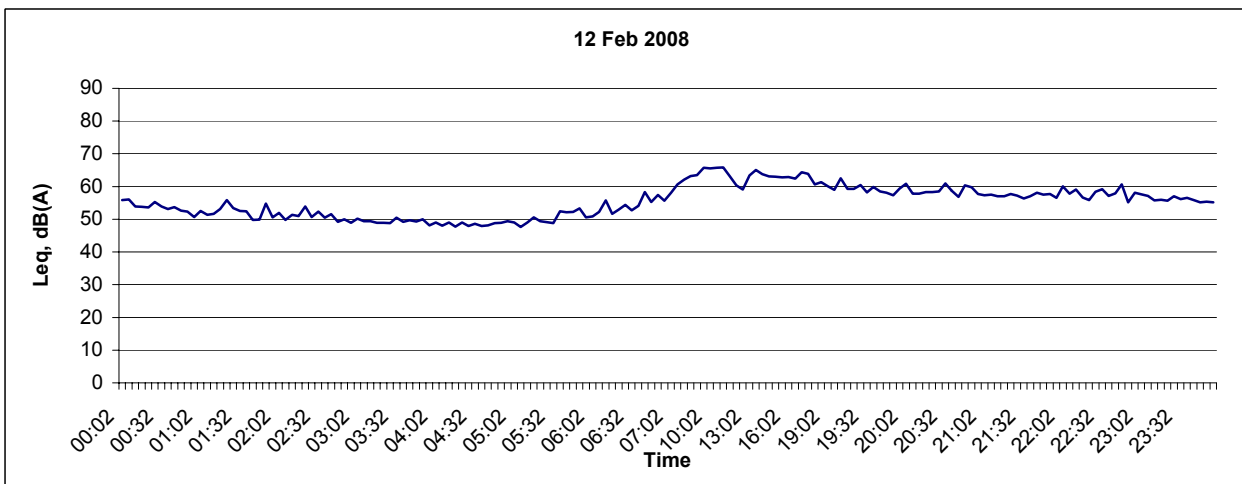
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	Date Feb-08	Appendix B6	

## Noise Level at NC1, 2/F outside the window facing to construction site



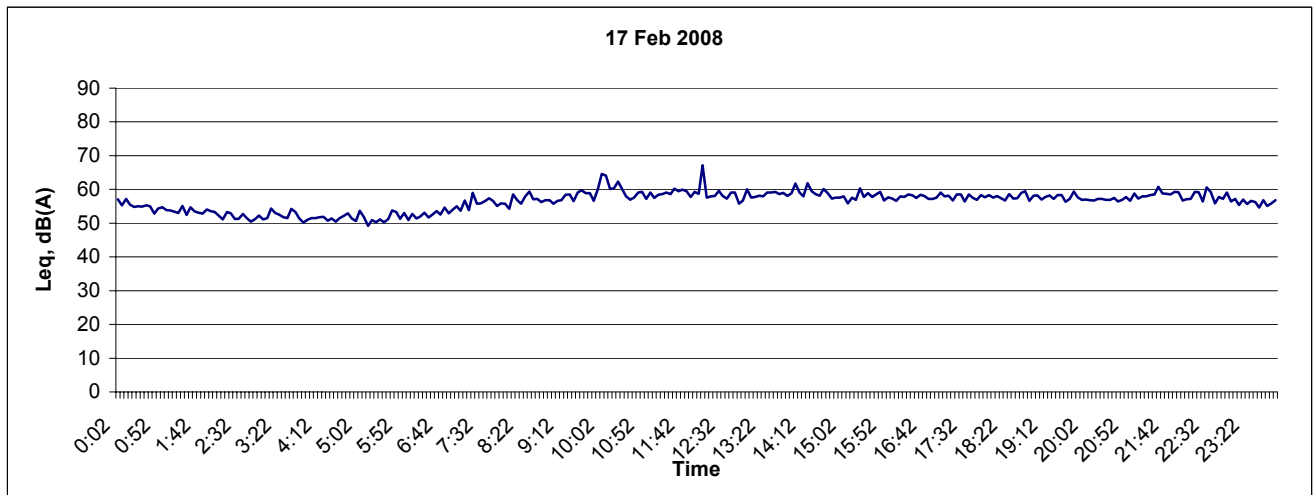
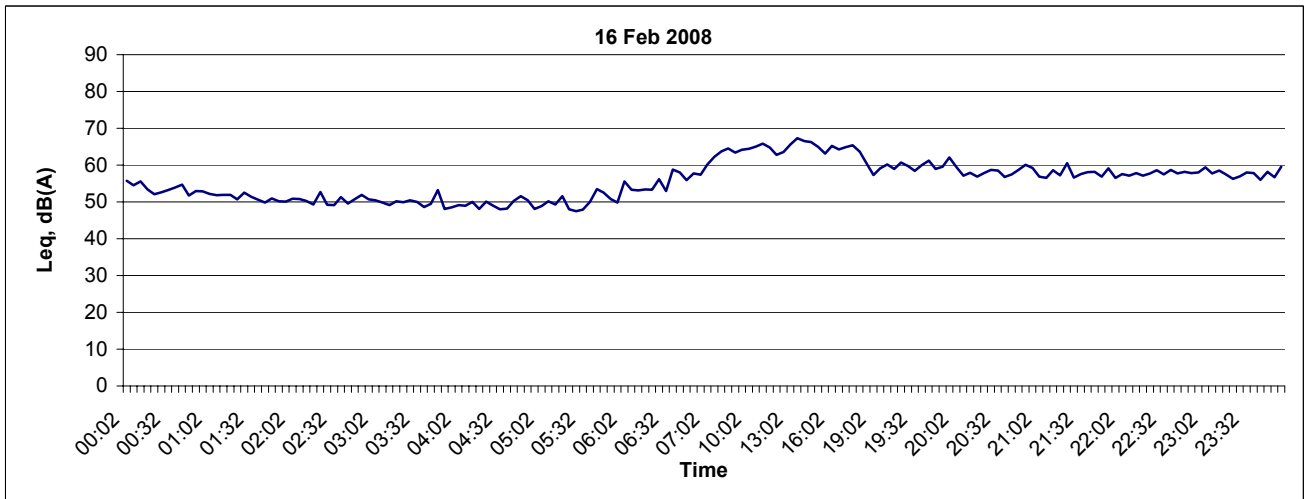
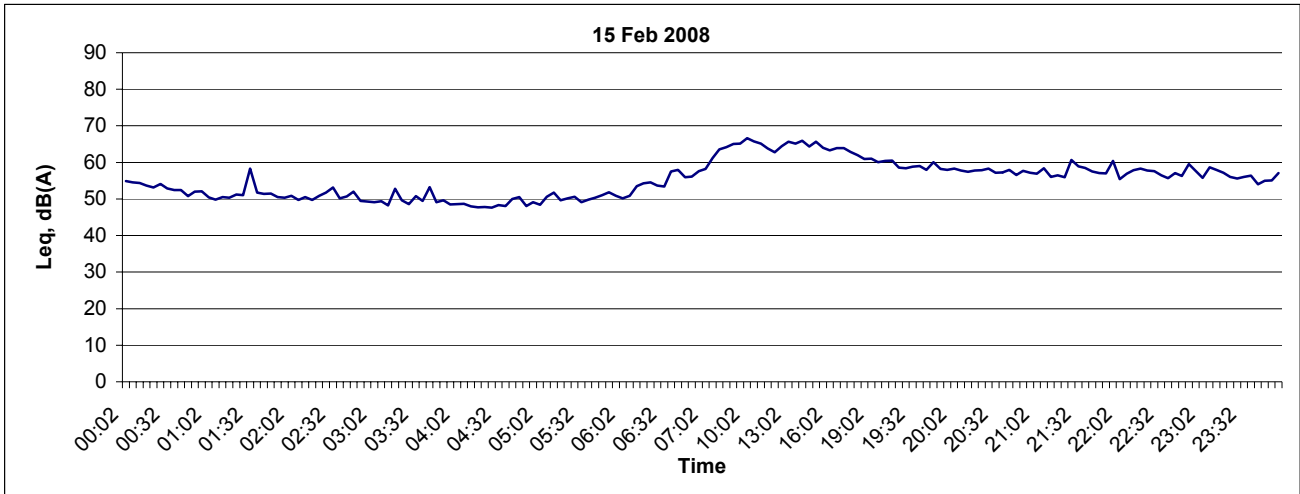
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	Date Feb-08	Appendix B6	

## Noise Level at NC2 The Legend



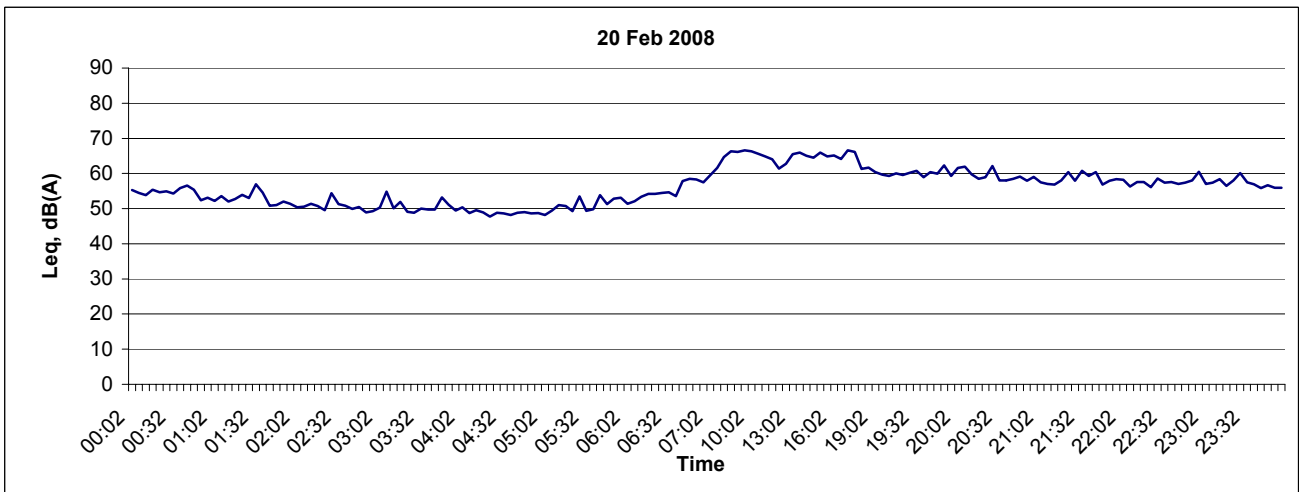
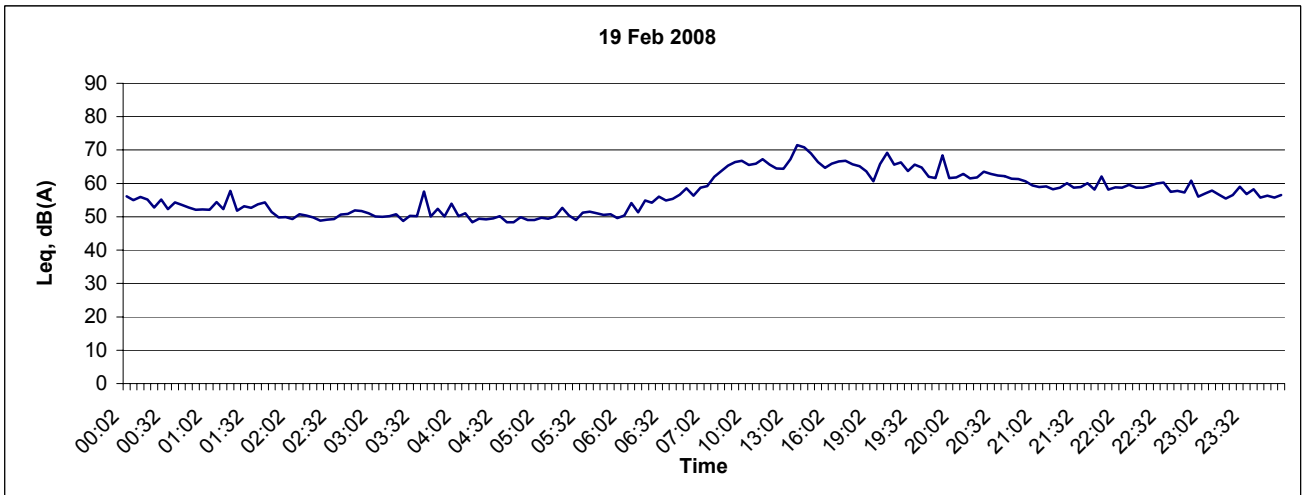
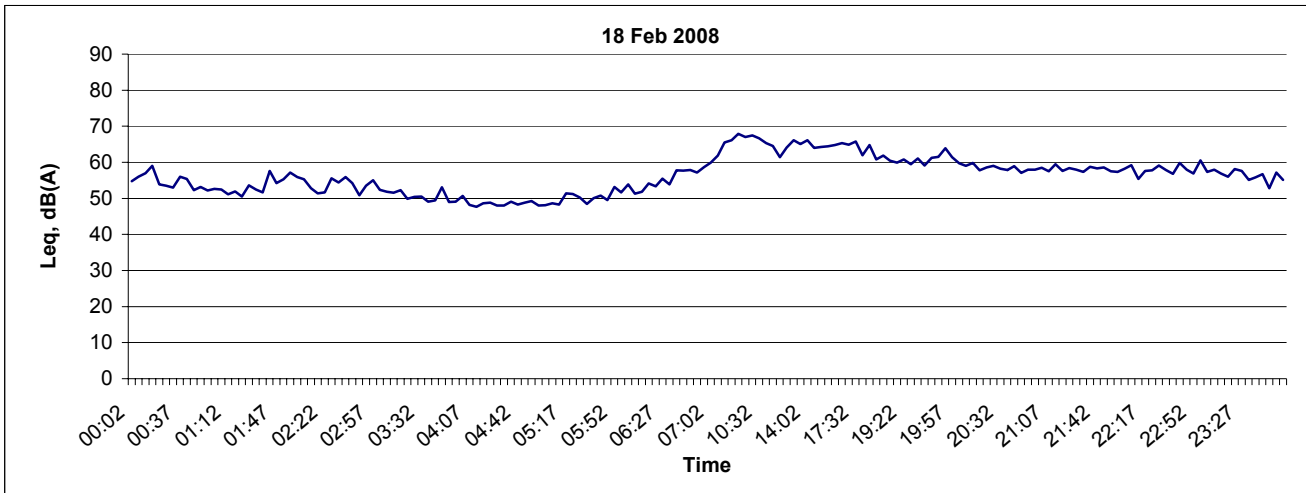
Title CONTRACT NO. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel  Graphical Presentation of Baseline Noise Levels at NC2 The Legend	Scale N.T.S	Project No. MA8001	CINOTECH
	Date Feb-08	Appendix B6	

## Noise Level at NC2 The Legend



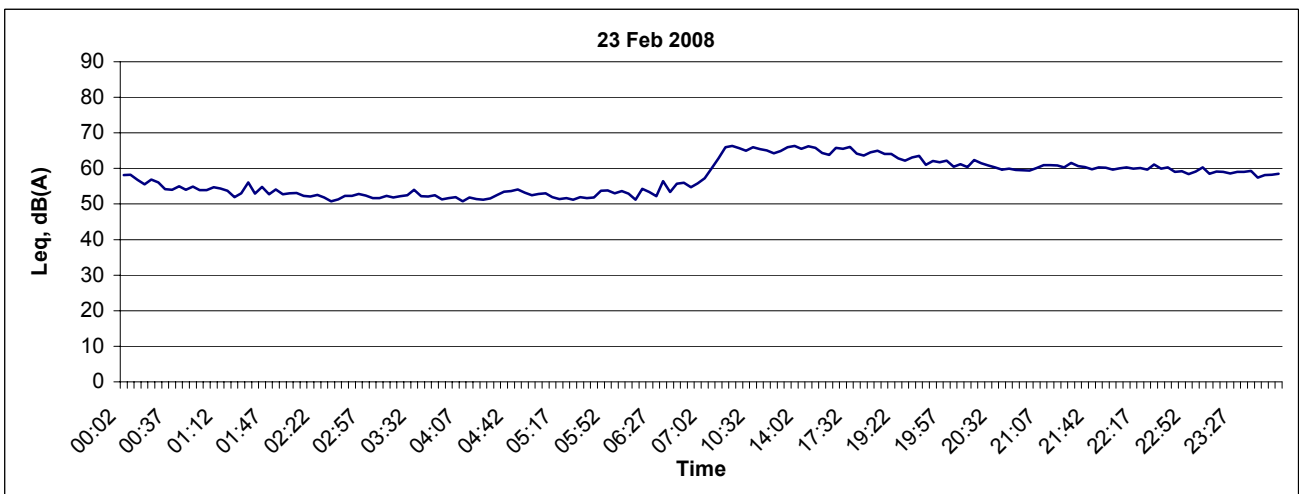
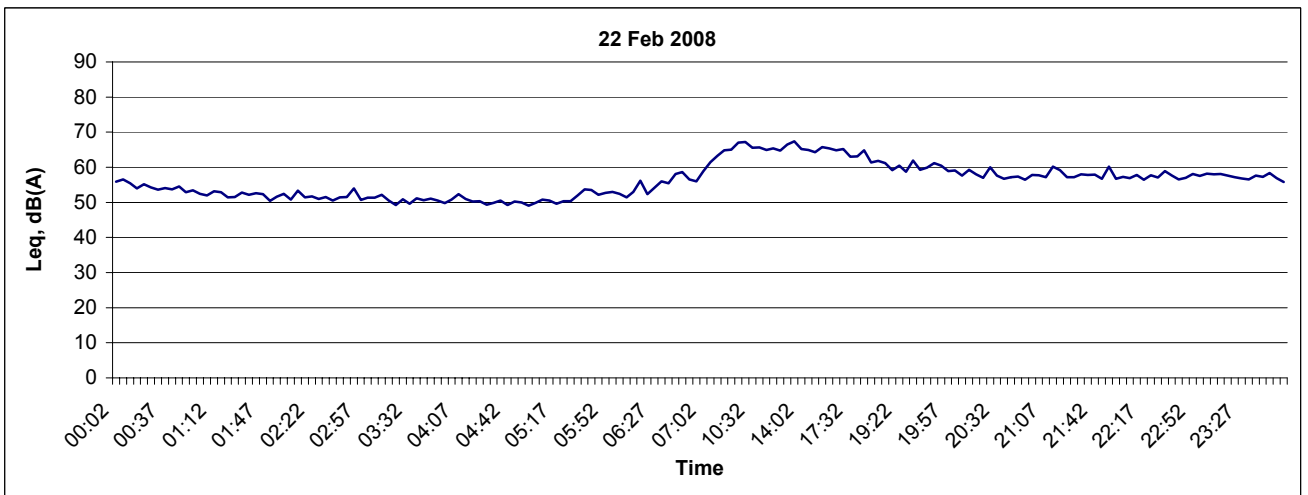
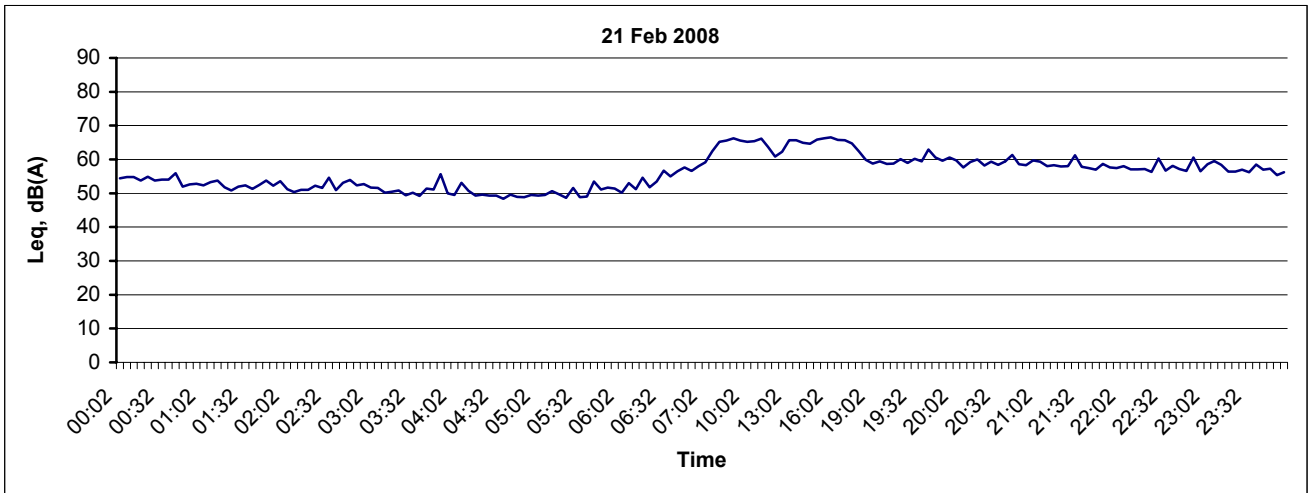
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	Date	Feb-08	Appendix	B6
				CINOTECH

## Noise Level at NC2 The Legend



Title CONTRACT NO. DC/2007/10 Design and Construction of Hong Kong West Drainage Graphical Presentation of Baseline Noise Levels at NC2 The Legend	Scale N.T.S	Project No. MA8001	<b>CINOTECH</b>
	Date Feb-08	Appendix B6	

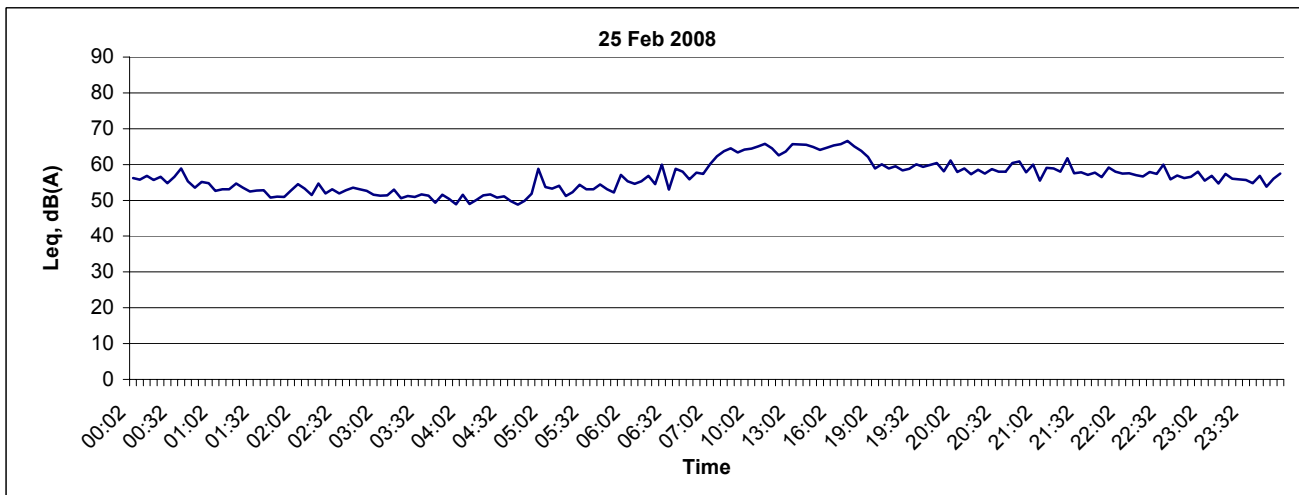
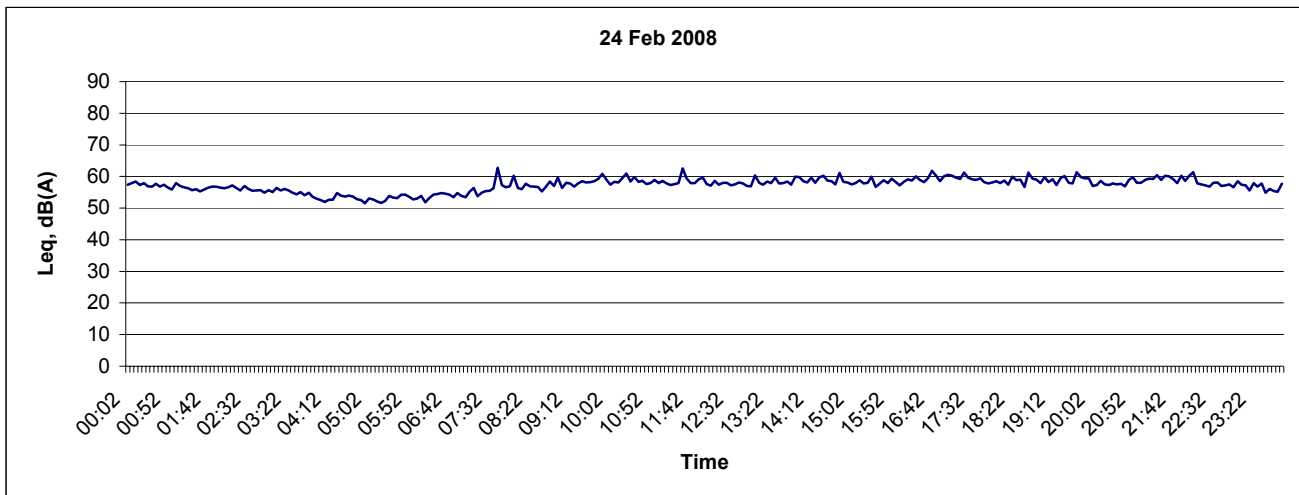
## Noise Level at NC2 The Legend



Title CONTRACT NO. DC/2007/10 Design and Construction of Hong Kong West Drainage  Graphical Presentation of Baseline Noise Levels at NC2 The Legend	Scale N.T.S	Project No. MA8001	<b>CINOTECH</b>
	Date Feb-08	Appendix B6	



## Noise Level at NC2 The Legend



Title CONTRACT NO. DC/2007/10 Design and Construction of Hong Kong West Drainage Graphical Presentation of Baseline Noise Levels at NC2 The Legend	Scale N.T.S	Project No. MA8001	<b>CINOTECH</b>
	Date Feb-08	Appendix B6	

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**APPENDIX C1  
COPIES OF CALIBRATION  
CERTIFICATES FOR WATER QUALITY  
MONITORING EQUIPMENT**

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## TEST REPORT

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

Test Report No.:	C/W/71110-1
Date of Issue:	2007-11-10
Date Received:	2007-11-09
Date Tested:	2007-11-10
Date Completed:	2007-11-10
Next Due Date:	2008-02-09

**ATTN:** Mr. Henry Leung

Page: 1 of 2

### Certificate of Calibration

**Item for calibration:**

Description	: Sonde Environmental Monitoring System
Manufacturer	: YSI
Model No.	: 6820-C-M
Serial No.	: 02D0126AA
Equipment No.	: W.03.01
Project No.	: C013

**Test conditions:**

Room Temperature	: 21 degree Celsius
Relative Humidity	: 62%

**Test Specifications:**


Conductivity & Salinity Sensor, Model: 6560, S/N: 05A1209  
1. Conductivity performance check with Potassium Chloride standard solution  
2. Salinity performance check with Sodium Chloride standard solution  
Dissolved Oxygen Sensor, Model: 6562, S/N: 04A0145  
1. Performance check against Winkler titration  
Turbidity Sensor, Model: 6136, S/N: 05A1610AJ  
1. Calibration check with Formazin standard solution  
pH Meter, Model: 6561, S/N: 01J  
1. Calibration check with standard pH buffer  
Depth Meter  
1. Calibration check at 1m water level depth

**Methodologies:**

1. YSI 6-Series Sonde Environmental Monitoring System Instruction Manual
2. In-house method with reference to APHA and ISO standards

*PREPARED AND CHECKED BY:*

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

  
**PATRICK TSE**  
Senior Chemist

**TEST REPORT**

Test Report No.:	C/W/71110-1
Date of Issue:	2007-11-10
Date Received:	2007-11-09
Date Tested:	2007-11-10
Date Completed:	2007-11-10
Next Due Date:	2008-02-09

Page: 2 of 2

**Results:**

1. Conductivity performance check

Specific Conductivity, $\mu\text{S}/\text{cm}$		Correction, $\mu\text{S}/\text{cm}$	Acceptable range
Salinity Meter (C1)	Theoretical Value (C2)	$D = C1 - C2$	
1421	1420	2	$1420 \pm 20$

2. Salinity Performance check

Salinity, ppt		Correction, ppt	Acceptable range
Instrument Reading	Theoretical Value		
30.0	30.0	0.0	$30.0 \pm 3$

3. Dissolved Oxygen check

Oxygen level in water at 20°C	Dissolved Oxygen, mg O <sub>2</sub> /L		Correction, mg O <sub>2</sub> /L	Acceptable range
	D.O. Meter	Winkler Titration		
Saturated	9.1	9.1	0.0	$\pm 0.2$
Half-saturated	5.6	5.6	0.0	$\pm 0.2$
Zero	0.0	0.0	0.0	$\pm 0.2$

4. Turbidity check

Turbidity value in solution, NTU	Calibration Value, NTU	Correction, NTU	Acceptable range
0.00	0.00	0.00	$0.00 \pm 0.05$
100	100	0	$100 \pm 5$

5. pH Meter check

Test Parameters	Performance characteristic	Acceptable range
Liquid junction error $\Delta\text{pH}_j$ , pH unit	0.01	Less than 0.05
Shift on stirring $\Delta\text{pH}_s$ , pH unit	0.01	Less than 0.02
Noise $\Delta\text{pH}_n$ , pH unit	0.00	Less than 0.02

6. Depth Meter check

Instrument Reading, m	Calibration Value, m	Correction, m	Acceptable range
1.0	1.00	0.00	$1.00 \pm 0.05$

\*\*\*\*\*END OF REPORT\*\*\*\*\*

## TEST REPORT

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

Test Report No.:	C/W/80206-1
Date of Issue:	2008-02-06
Date Received:	2008-02-06
Date Tested:	2008-02-06
Date Completed:	2008-02-06
Next Due Date:	2008-05-05

**ATTN:** Mr. Henry Leung

Page: 1 of 2

### Certificate of Calibration

**Item for calibration:**

Description	: Sonde Environmental Monitoring System
Manufacturer	: YSI
Model No.	: 6820-C-M
Serial No.	: 02D0126AA
Equipment No.	: W.03.01
Project No.	: C013

**Test conditions:**

Room Temperature	: 21 degree Celsius
Relative Humidity	: 62%

**Test Specifications:**

Conductivity & Salinity Sensor, Model: 6560, S/N: 05A1209  
1. Conductivity performance check with Potassium Chloride standard solution  
2. Salinity performance check with Sodium Chloride standard solution  
Dissolved Oxygen Sensor, Model: 6562, S/N: 04A0145  
1. Performance check against Winkler titration  
Turbidity Sensor, Model: 6136, S/N: 05A1610AJ  
1. Calibration check with Formazin standard solution  
pH Meter, Model: 6561, S/N: 01J  
1. Calibration check with standard pH buffer  
Depth Meter  
1. Calibration check at 1m water level depth

**Methodologies:**

1. YSI 6-Series Sonde Environmental Monitoring System Instruction Manual
2. In-house method with reference to APHA and ISO standards

*PREPARED AND CHECKED BY:*

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

  
**PATRICK TSE**  
Laboratory Manager

**TEST REPORT**

Test Report No.:	C/W/80206-1
Date of Issue:	2008-02-06
Date Received:	2008-02-06
Date Tested:	2008-02-06
Date Completed:	2008-02-06
Next Due Date:	2008-05-05

Page: 2 of 2

**Results:**

1. Conductivity performance check

Specific Conductivity, $\mu\text{S}/\text{cm}$		Correction, $\mu\text{S}/\text{cm}$	Acceptable range
Salinity Meter (C1)	Theoretical Value (C2)	$D = C1 - C2$	
1421	1420	2	$1420 \pm 20$

2. Salinity Performance check

Salinity, ppt		Correction, ppt	Acceptable range
Instrument Reading	Theoretical Value		
30.0	30.0	0.0	$30.0 \pm 3$

3. Dissolved Oxygen check

Oxygen level in water at 20°C	Dissolved Oxygen, mg O <sub>2</sub> /L		Correction, mg O <sub>2</sub> /L	Acceptable range
	D.O. Meter	Winkler Titration		
Saturated	9.1	9.1	0.0	$\pm 0.2$
Half-saturated	5.6	5.6	0.0	$\pm 0.2$
Zero	0.0	0.0	0.0	$\pm 0.2$

4. Turbidity check

Turbidity value in solution, NTU	Calibration Value, NTU	Correction, NTU	Acceptable range
0.00	0.00	0.00	$0.00 \pm 0.05$
100	100	0	$100 \pm 5$

5. pH Meter check

Test Parameters	Performance characteristic	Acceptable range
Liquid junction error $\Delta\text{pH}_l$ , pH unit	0.01	Less than 0.05
Shift on stirring $\Delta\text{pH}_s$ , pH unit	0.01	Less than 0.02
Noise $\Delta\text{pH}_n$ , pH unit	0.00	Less than 0.02

6. Depth Meter check

Instrument Reading, m	Calibration Value, m	Correction, m	Acceptable range
1.0	1.00	0.00	$1.00 \pm 0.05$

\*\*\*\*\*END OF REPORT\*\*\*\*\*

## TEST REPORT

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

Test Report No.:	C/W/71110-2
Date of Issue:	2007-11-10
Date Received:	2007-11-09
Date Tested:	2007-11-10
Date Completed:	2007-11-10
Next Due Date:	2008-02-09

**ATTN:** Mr. Henry Leung

Page: 1 of 2

### Certificate of Calibration

**Item for calibration:**

Description	: Sonde Environmental Monitoring System
Manufacturer	: YSI
Model No.	: 6820-C-M
Serial No.	: 02D0293AA
Equipment No.	: W.03.02
Project No.	: C013

**Test conditions:**

Room Temperature	: 21 degree Celsius
Relative Humidity	: 62%

**Test Specifications:**

Conductivity & Salinity Sensor, Model: 6560, S/N: 02C0886  
1. Conductivity performance check with Potassium Chloride standard solution  
2. Salinity performance check with Sodium Chloride standard solution  
Dissolved Oxygen Sensor, Model: 6562, S/N: 0261137  
1. Performance check against Winkler titration  
Turbidity Sensor, Model: 6136, S/N: 05F2030AQ  
1. Calibration check with Formazin standard solution  
pH Meter, Model: 6561, S/N: 02A  
1. Calibration check with standard pH buffer  
Depth Meter  
1. Calibration check at 1m water level depth

**Methodologies:**

1. YSI 6-Series Sonde Environmental Monitoring System Instruction Manual
2. In-house method with reference to APHA and ISO standards

*PREPARED AND CHECKED BY:*

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



**PATRICK TSE**

Senior Chemist

## TEST REPORT

Test Report No.:	C/W/71110-2
Date of Issue:	2007-11-10
Date Received:	2007-11-09
Date Tested:	2007-11-10
Date Completed:	2007-11-10
Next Due Date:	2008-02-09

Page: 2 of 2

**Results:**

1. Conductivity performance check

Specific Conductivity, $\mu\text{S}/\text{cm}$		Correction, $\mu\text{S}/\text{cm}$	Acceptable range
Salinity Meter (C1)	Theoretical Value (C2)	$D = C1 - C2$	
1420	1420	0	$1420 \pm 20$

2. Salinity Performance check

Salinity, ppt		Correction, ppt	Acceptable range
Instrument Reading	Theoretical Value		
30.1	30.0	0.1	$30.0 \pm 3$

3. Dissolved Oxygen check

Oxygen level in water at 20°C	Dissolved Oxygen, mg O <sub>2</sub> /L		Correction, mg O <sub>2</sub> /L	Acceptable range
	D.O. Meter	Winkler Titration		
Saturated	9.0	9.0	0.0	$\pm 0.2$
Half-saturated	5.8	5.8	0.0	$\pm 0.2$
Zero	0.0	0.0	0.0	$\pm 0.2$

4. Turbidity check

Turbidity value in solution, NTU	Calibration Value, NTU	Correction, NTU	Acceptable range
0.00	0.00	0.00	$0.00 \pm 0.05$
100	100	0	$100 \pm 5$

5. pH Meter check

Test Parameters	Performance characteristic	Acceptable range
Liquid junction error $\Delta\text{pH}_l$ , pH unit	0.01	Less than 0.05
Shift on stirring $\Delta\text{pH}_s$ , pH unit	0.01	Less than 0.02
Noise $\Delta\text{pH}_n$ , pH unit	0.01	Less than 0.02

6. Depth Meter check

Instrument Reading, m	Calibration Value, m	Correction, m	Acceptable range
1.0	1.00	0.00	$1.00 \pm 0.05$

\*\*\*\*\*END OF REPORT\*\*\*\*\*



## TEST REPORT

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

Test Report No.:	C/W/80206-2
Date of Issue:	2008-02-06
Date Received:	2008-02-06
Date Tested:	2008-02-06
Date Completed:	2008-02-06
Next Due Date:	2008-05-05

**ATTN:** Mr. Henry Leung

Page: 1 of 2

### Certificate of Calibration

**Item for calibration:**

Description	: Sonde Environmental Monitoring System
Manufacturer	: YSI
Model No.	: 6820-C-M
Serial No.	: 02D0293AA
Equipment No.	: W.03.02
Project No.	: C013

**Test conditions:**

Room Temperature	: 21 degree Celsius
Relative Humidity	: 62%

**Test Specifications:**

Conductivity & Salinity Sensor, Model: 6560, S/N: 02C0886

1. Conductivity performance check with Potassium Chloride standard solution
2. Salinity performance check with Sodium Chloride standard solution

Dissolved Oxygen Sensor, Model: 6562, S/N: 0261137

1. Performance check against Winkler titration

Turbidity Sensor, Model: 6136, S/N: 05F2030AQ

1. Calibration check with Formazin standard solution

pH Meter, Model: 6561, S/N: 02A

1. Calibration check with standard pH buffer

Depth Meter

1. Calibration check at 1m water level depth

**Methodologies:**

1. YSI 6-Series Sonde Environmental Monitoring System Instruction Manual
2. In-house method with reference to APHA and ISO standards

*PREPARED AND CHECKED BY:*

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



**PATRICK TSE**

Laboratory Manager

## TEST REPORT

Test Report No.:	C/W/80206-2
Date of Issue:	2008-02-06
Date Received:	2008-02-06
Date Tested:	2008-02-06
Date Completed:	2008-02-06
Next Due Date:	2008-05-05

Page: 2 of 2

### Results:

#### 1. Conductivity performance check

Specific Conductivity, $\mu\text{S}/\text{cm}$		Correction, $\mu\text{S}/\text{cm}$	Acceptable range
Salinity Meter (C1)	Theoretical Value (C2)	$D = C1 - C2$	
1420	1420	0	$1420 \pm 20$

#### 2. Salinity Performance check

Salinity, ppt		Correction, ppt	Acceptable range
Instrument Reading	Theoretical Value		
30.1	30.0	0.1	$30.0 \pm 3$

#### 3. Dissolved Oxygen check

Oxygen level in water at 20°C	Dissolved Oxygen, mg O <sub>2</sub> /L		Correction, mg O <sub>2</sub> /L	Acceptable range
	D.O. Meter	Winkler Titration		
Saturated	9.0	9.0	0.0	$\pm 0.2$
Half-saturated	5.8	5.8	0.0	$\pm 0.2$
Zero	0.0	0.0	0.0	$\pm 0.2$

#### 4. Turbidity check

Turbidity value in solution, NTU	Calibration Value, NTU	Correction, NTU	Acceptable range
0.00	0.00	0.00	$0.00 \pm 0.05$
100	100	0	$100 \pm 5$

#### 5. pH Meter check

Test Parameters	Performance characteristic	Acceptable range
Liquid junction error $\Delta\text{pH}_l$ , pH unit	0.01	Less than 0.05
Shift on stirring $\Delta\text{pH}_s$ , pH unit	0.01	Less than 0.02
Noise $\Delta\text{pH}_n$ , pH unit	0.01	Less than 0.02

#### 6. Depth Meter check

Instrument Reading, m	Calibration Value, m	Correction, m	Acceptable range
1.0	1.00	0.00	$1.00 \pm 0.05$

\*\*\*\*\*END OF REPORT\*\*\*\*\*

---

**APPENDIX C2  
QUALITY CONTROL REPORT FOR SS  
LABORATORY ANALYSIS**

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**TEST REPORT**  
**QC REPORT**

**APPLICANT: Cinotech Consultants Limited**  
**Rm1710, Technology Park,**  
**18 On Lai Street,**  
**Shatin, N.T.**

Laboratory No.:	06147
Date of Issue:	2008/01/31
Date Received:	2008/01/30
Date Tested:	2008/01/30
Date Completed:	2008/01/31

**ATTN: Mr. Henry Leung**

Page: 1 of 1

Sampling Site: Design and Construction of Hong Kong West Drainage Tunnel  
Project No.: MA8001  
Sampling Date: 2008/01/30  
Number of Sample: 68  
Custody No.: MA8001/80130

\*\*\*\*\*

Total Suspended Solids	Duplicate Analysis			QC Recovery, %
Sampling Point	Trial 1, mg/L	Trial 2, mg/L	Difference, %	
CFse	9	8	6	97

\*\*\*\*\*END OF REPORT\*\*\*\*\*

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



**PATRICK TSE**  
*Laboratory Manager*

**TEST REPORT**  
**QC REPORT**

**APPLICANT: Cinotech Consultants Limited**  
**Rm1710, Technology Park,**  
**18 On Lai Street,**  
**Shatin, N.T.**

Laboratory No.:	06169
Date of Issue:	2008/02/04
Date Received:	2008/02/01
Date Tested:	2008/02/01
Date Completed:	2008/02/04

**ATTN: Mr. Henry Leung**

Page: 1 of 1

Sampling Site: Design and Construction of Hong Kong West Drainage Tunnel  
Project No.: MA8001  
Sampling Date: 2008/02/01  
Number of Sample: 68  
Custody No.: MA8001/80201

\*\*\*\*\*

Total Suspended Solids	Duplicate Analysis			QC Recovery, %
Sampling Point	Trial 1, mg/L	Trial 2, mg/L	Difference, %	
I2me	13	14	4	89

\*\*\*\*\*END OF REPORT\*\*\*\*\*

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



**PATRICK TSE**  
*Laboratory Manager*

**TEST REPORT**  
**QC REPORT**

**APPLICANT: Cinotech Consultants Limited**  
**Rm1710, Technology Park,**  
**18 On Lai Street,**  
**Shatin, N.T.**

Laboratory No.:	06178
Date of Issue:	2008/02/05
Date Received:	2008/02/04
Date Tested:	2008/02/04
Date Completed:	2008/02/05

**ATTN: Mr. Henry Leung**

Page: 1 of 1

Sampling Site: Design and Construction of Hong Kong West Drainage Tunnel  
Project No.: MA8001  
Sampling Date: 2008/02/04  
Number of Sample: 68  
Custody No.: MA8001/80204

\*\*\*\*\*

Total Suspended Solids	Duplicate Analysis			QC Recovery, %
Sampling Point	Trial 1, mg/L	Trial 2, mg/L	Difference, %	
I2me	16	16	2	85

\*\*\*\*\*END OF REPORT\*\*\*\*\*

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



**PATRICK TSE**  
*Laboratory Manager*

**TEST REPORT**  
**QC REPORT**

**APPLICANT: Cinotech Consultants Limited**  
**Rm1710, Technology Park,**  
**18 On Lai Street,**  
**Shatin, N.T.**

Laboratory No.:	06192
Date of Issue:	2008/02/11
Date Received:	2008/02/06
Date Tested:	2008/02/06
Date Completed:	2008/02/11

**ATTN: Mr. Henry Leung**

Page: 1 of 1

Sampling Site: Design and Construction of Hong Kong West Drainage Tunnel  
Project No.: MA8001  
Sampling Date: 2008/02/06  
Number of Sample: 68  
Custody No.: MA8001/80206

\*\*\*\*\*

Total Suspended Solids	Duplicate Analysis			QC Recovery, %
Sampling Point	Trial 1, mg/L	Trial 2, mg/L	Difference, %	
I2me	10	11	2	94

\*\*\*\*\*END OF REPORT\*\*\*\*\*

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



**PATRICK TSE**  
*Laboratory Manager*

**TEST REPORT**  
**QC REPORT**

**APPLICANT: Cinotech Consultants Limited**  
**Rm1710, Technology Park,**  
**18 On Lai Street,**  
**Shatin, N.T.**

Laboratory No.:	06201
Date of Issue:	2008/02/12
Date Received:	2008/02/11
Date Tested:	2008/02/11
Date Completed:	2008/02/12

**ATTN: Mr. Henry Leung**

Page: 1 of 1

Sampling Site: Design and Construction of Hong Kong West Drainage Tunnel  
Project No.: MA8001  
Sampling Date: 2008/02/11  
Number of Sample: 68  
Custody No.: MA8001/80211

\*\*\*\*\*

Total Suspended Solids	Duplicate Analysis			QC Recovery, %
Sampling Point	Trial 1, mg/L	Trial 2, mg/L	Difference, %	
I2me	12	11	8	100

\*\*\*\*\*END OF REPORT\*\*\*\*\*

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



**PATRICK TSE**  
*Laboratory Manager*



**TEST REPORT**  
**QC REPORT**

**APPLICANT: Cinotech Consultants Limited**  
**Rm1710, Technology Park,**  
**18 On Lai Street,**  
**Shatin, N.T.**

Laboratory No.:	06213
Date of Issue:	2008/02/14
Date Received:	2008/02/13
Date Tested:	2008/02/13
Date Completed:	2008/02/14

**ATTN: Mr. Henry Leung**

Page: 1 of 1

Sampling Site: Design and Construction of Hong Kong West Drainage Tunnel  
Project No.: MA8001  
Sampling Date: 2008/02/13  
Number of Sample: 68  
Custody No.: MA8001/80213

\*\*\*\*\*

Total Suspended Solids	Duplicate Analysis			QC Recovery, %
Sampling Point	Trial 1, mg/L	Trial 2, mg/L	Difference, %	
I2me	3	3	2	95

\*\*\*\*\*END OF REPORT\*\*\*\*\*

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



**PATRICK TSE**  
*Laboratory Manager*

**TEST REPORT**  
**QC REPORT**

**APPLICANT: Cinotech Consultants Limited**  
**Rm1710, Technology Park,**  
**18 On Lai Street,**  
**Shatin, N.T.**

Laboratory No.:	06235
Date of Issue:	2008/02/18
Date Received:	2008/02/15
Date Tested:	2008/02/15
Date Completed:	2008/02/18

**ATTN: Mr. Henry Leung**

Page: 1 of 1

Sampling Site: Design and Construction of Hong Kong West Drainage Tunnel  
Project No.: MA8001  
Sampling Date: 2008/02/15  
Number of Sample: 68  
Custody No.: MA8001/80215

\*\*\*\*\*

Total Suspended Solids	Duplicate Analysis			QC Recovery, %
Sampling Point	Trial 1, mg/L	Trial 2, mg/L	Difference, %	
I2me	20	16	17	96

\*\*\*\*\*END OF REPORT\*\*\*\*\*

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



**PATRICK TSE**  
*Laboratory Manager*

**TEST REPORT**  
**QC REPORT**

**APPLICANT: Cinotech Consultants Limited**  
**Rm1710, Technology Park,**  
**18 On Lai Street,**  
**Shatin, N.T.**

Laboratory No.:	06249
Date of Issue:	2008/02/19
Date Received:	2008/02/18
Date Tested:	2008/02/18
Date Completed:	2008/02/19

**ATTN: Mr. Henry Leung**

Page: 1 of 1

Sampling Site: Design and Construction of Hong Kong West Drainage Tunnel  
Project No.: MA8001  
Sampling Date: 2008/02/18  
Number of Sample: 68  
Custody No.: MA8001/80218

\*\*\*\*\*

Total Suspended Solids	Duplicate Analysis			QC Recovery, %
Sampling Point	Trial 1, mg/L	Trial 2, mg/L	Difference, %	
CEbf	5	6	7	92

\*\*\*\*\*END OF REPORT\*\*\*\*\*

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



**PATRICK TSE**  
*Laboratory Manager*

**TEST REPORT**  
**QC REPORT**

**APPLICANT: Cinotech Consultants Limited**  
**Rm1710, Technology Park,**  
**18 On Lai Street,**  
**Shatin, N.T.**

Laboratory No.:	06265
Date of Issue:	2008/02/21
Date Received:	2008/02/20
Date Tested:	2008/02/20
Date Completed:	2008/02/21

**ATTN: Mr. Henry Leung**

Page: 1 of 1

Sampling Site: Design and Construction of Hong Kong West Drainage Tunnel  
Project No.: MA8001  
Sampling Date: 2008/02/20  
Number of Sample: 68  
Custody No.: MA8001/80220

\*\*\*\*\*

Total Suspended Solids	Duplicate Analysis			QC Recovery, %
Sampling Point	Trial 1, mg/L	Trial 2, mg/L	Difference, %	
I2me	16	18	13	92

\*\*\*\*\*END OF REPORT\*\*\*\*\*

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



**PATRICK TSE**  
*Laboratory Manager*

**TEST REPORT**  
**QC REPORT**

**APPLICANT: Cinotech Consultants Limited**  
**Rm1710, Technology Park,**  
**18 On Lai Street,**  
**Shatin, N.T.**

Laboratory No.:	06282
Date of Issue:	2008/02/25
Date Received:	2008/02/22
Date Tested:	2008/02/22
Date Completed:	2008/02/25

**ATTN: Mr. Henry Leung**

Page: 1 of 1

Sampling Site: Design and Construction of Hong Kong West Drainage Tunnel  
Project No.: MA8001  
Sampling Date: 2008/02/22  
Number of Sample: 68  
Custody No.: MA8001/80222

\*\*\*\*\*

Total Suspended Solids	Duplicate Analysis			QC Recovery, %
Sampling Point	Trial 1, mg/L	Trial 2, mg/L	Difference, %	
I2me	17	17	1	96

\*\*\*\*\*END OF REPORT\*\*\*\*\*

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



**PATRICK TSE**  
*Laboratory Manager*

**TEST REPORT**  
**QC REPORT**

**APPLICANT: Cinotech Consultants Limited**  
**Rm1710, Technology Park,**  
**18 On Lai Street,**  
**Shatin, N.T.**

Laboratory No.:	06298
Date of Issue:	2008/02/26
Date Received:	2008/02/25
Date Tested:	2008/02/25
Date Completed:	2008/02/26

**ATTN: Mr. Henry Leung**

Page: 1 of 1

Sampling Site: Design and Construction of Hong Kong West Drainage Tunnel  
Project No.: MA8001  
Sampling Date: 2008/02/25  
Number of Sample: 68  
Custody No.: MA8001/80225

\*\*\*\*\*

Total Suspended Solids	Duplicate Analysis			QC Recovery, %
Sampling Point	Trial 1, mg/L	Trial 2, mg/L	Difference, %	
I2me	17	17	4	100

\*\*\*\*\*END OF REPORT\*\*\*\*\*

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



**PATRICK TSE**  
*Laboratory Manager*

**TEST REPORT**  
**QC REPORT**

**APPLICANT: Cinotech Consultants Limited**  
**Rm1710, Technology Park,**  
**18 On Lai Street,**  
**Shatin, N.T.**

Laboratory No.:	06315
Date of Issue:	2008/02/28
Date Received:	2008/02/27
Date Tested:	2008/02/27
Date Completed:	2008/02/28

**ATTN: Mr. Henry Leung**

Page: 1 of 1

Sampling Site: Design and Construction of Hong Kong West Drainage Tunnel  
Project No.: MA8001  
Sampling Date: 2008/02/27  
Number of Sample: 68  
Custody No.: MA8001/80227

\*\*\*\*\*

Total Suspended Solids	Duplicate Analysis			QC Recovery, %
Sampling Point	Trial 1, mg/L	Trial 2, mg/L	Difference, %	
I2me	13	14	13	91

\*\*\*\*\*END OF REPORT\*\*\*\*\*

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



**PATRICK TSE**  
*Laboratory Manager*

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**APPENDIX C3  
BASELINE WATER QUALITY  
MONITORING RESULTS**

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### Water Quality Monitoring Results at CE - Mid-Ebb Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Water Temperature (°C)		pH		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity(NTU)			Suspended Solids (mg/L)		
						Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
30-Jan-08	Sunny	Moderate	18:45	Surface	1	14.1	14.1	7.3	7.3	33.0	33.0	107.2	107.2	7.2	7.2	7.0	5.1	5.1	5.9	11.0	11.0	9.3
				Middle	5.5	13.9	13.9	7.3	7.3	33.1	33.1	100.4	99.8	6.8	6.8		6.5	6.5		10.0	10.0	
				Bottom	10	13.7	13.7	7.4	7.4	33.1	33.1	97.7	97.3	6.6	6.6		6.1	6.1		7.0	7.0	
1-Feb-08	Sunny	Moderate	17:43	Surface	1	16.1	16.1	7.4	7.4	34.0	34.0	95.8	95.8	7.7	7.7	7.7	10.7	11.0	11.2	7.0	7.0	11.5
				Middle	5.5	16.1	16.1	7.4	7.4	34.0	34.0	95.7	95.7	7.7	7.7		11.5	11.5		5.0	5.5	
				Bottom	10	16.1	16.1	7.4	7.4	34.0	34.0	95.8	95.9	7.7	7.7		11.2	11.2		22.0	22.0	
4-Feb-08	Cloudy	Moderate	11:26	Surface	1	15.4	15.4	7.3	7.3	33.8	33.8	94.8	94.7	7.7	7.7	7.7	9.2	9.0	8.2	19.0	19.0	15.2
				Middle	5.5	15.4	15.4	7.3	7.3	33.8	33.8	94.3	94.3	7.7	7.7		7.8	7.8		19.0	19.0	
				Bottom	10	15.4	15.4	7.4	7.4	33.8	33.8	93.5	93.5	7.6	7.6		8.0	7.7		7.0	8.0	
6-Feb-08	Rainy	Rough	12:47	Surface	1	15.2	15.2	7.5	7.5	33.0	33.0	90.7	90.7	6.2	6.2	6.2	6.9	6.9	6.6	11.0	11.0	11.2
				Middle	5.5	15.2	15.2	7.5	7.5	32.9	32.9	90.6	89.5	6.1	6.1		6.6	6.5		9.0	9.5	
				Bottom	10	15.2	15.2	7.5	7.5	32.9	32.9	89.1	89.1	6.0	6.0		6.5	6.3		13.0	13.0	
11-Feb-08	Cloudy	Moderate	15:45	Surface	1	15.1	15.1	7.2	7.2	32.9	32.9	107.2	107.2	7.2	7.2	7.2	5.1	5.1	5.6	7.0	7.0	9.7
				Middle	5.5	14.9	14.9	7.2	7.2	32.9	32.9	107.4	107.3	7.2	7.2		5.1	5.1		11.0	11.0	
				Bottom	10	14.7	14.7	7.2	7.2	32.9	32.9	107.1	107.1	7.2	7.2		6.5	6.5		11.0	11.0	
13-Feb-08	Fine	Rough	17:15	Surface	1	15.1	15.1	7.4	7.4	32.9	32.9	104.9	104.7	7.1	7.1	7.1	6.6	6.5	6.8	5.0	5.0	7.5
				Middle	5.5	14.9	14.9	7.4	7.4	32.7	32.7	104.0	103.8	7.1	7.1		6.5	6.6		10.0	10.0	
				Bottom	10	14.7	14.7	7.4	7.4	32.8	32.8	103.3	103.0	7.0	7.0		7.1	7.2		7.0	8.0	
15-Feb-08	Fine	Rough	17:23	Surface	1	16.1	16.1	7.2	7.2	33.2	33.3	78.0	78.0	6.3	6.3	6.3	3.6	3.9	4.8	8.0	8.0	6.5
				Middle	6	16.1	16.1	7.2	7.2	33.3	33.3	77.9	77.8	6.2	6.2		6.1	5.6		7.0	7.0	
				Bottom	11	16.1	16.1	7.3	7.3	33.2	33.1	77.8	77.7	6.2	6.2		4.5	5.1		4.0	5.0	
18-Feb-08	Sunny	Moderate	11:28	Surface	1	16.1	16.1	7.3	7.3	32.9	32.9	99.3	99.1	7.7	7.7	7.7	6.9	6.9	6.6	9.0	9.0	16.0
				Middle	5.5	16.1	16.1	7.3	7.3	32.9	32.9	97.6	97.4	7.6	7.6		6.6	6.5		16.0	16.0	
				Bottom	10	16.1	16.1	7.3	7.3	32.9	32.9	96.2	95.8	7.5	7.5		6.5	6.3		24.0	23.0	
20-Feb-08	Sunny	Moderate	13:02	Surface	1	18.1	18.1	7.3	7.3	33.5	33.5	97.1	96.6	6.6	6.6	6.5	3.8	3.8	4.1	12.0	12.0	13.7
				Middle	5.5	18.1	18.1	7.3	7.3	33.4	33.4	92.9	92.9	6.3	6.3		4.4	4.4		11.0	11.0	
				Bottom	10	18.1	18.1	7.3	7.3	33.4	33.4	92.7	92.5	6.3	6.3		4.4	3.9		18.0	18.0	
22-Feb-08	Rainy	Rough	14:17	Surface	1	19.6	19.6	7.3	7.3	32.9	32.9	95.9	95.9	6.4	6.4	6.4	5.3	5.5	5.7	16.0	15.5	16.2
				Middle	5.5	19.6	19.6	7.3	7.3	32.9	32.9	95.0	94.8	6.4	6.4		6.1	5.8		11.0	11.0	
				Bottom	10	19.6	19.6	7.3	7.3	32.9	32.9	92.2	93.1	6.2	6.3		5.9	5.7		22.0	22.0	
25-Feb-08	Cloudy	Moderate	15:51	Surface	1	19.6	19.6	7.4	7.4	33.0	33.0	96.1	95.9	7.3	7.3	7.3	8.5	8.4	8.5	13.0	13.0	14.3
				Middle	5.5	19.6	19.6	7.4	7.4	33.0	33.0	95.2	94.8	7.2	7.2		8.5	8.5		11.0	11.5	
				Bottom	10	19.6	19.6	7.4	7.4	33.0	33.1	95.1	95.2	7.2	7.2		8.5	8.6		19.0	18.5	
27-Feb-08	Cloudy	Moderate	16:08	Surface	1	14.6	14.6	7.3	7.3	33.3	33.4	91.7	91.8	7.3	7.3	7.2	6.8	6.9	6.2	8.0	8.0	16.2
				Middle	5.5	14.3	14.3	7.3	7.3	33.8	33.9	88.0	88.3	7.0	7.0		5.7	5.6		19.0	19.0	
				Bottom	10	14.0	14.0	7.4	7.4	34.9	34.9	85.4	85.4	6.8	6.8		6.1	6.2		22.0	21.0	

Remarks: The reporting limit for laboratory analysis of suspended solids is 2.5 mg/L. For the results below the reporting limit, the SS level will be taken as 2.5 mg/L.

Remarks: \* DA: Depth-Averaged  
 \*\* Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher  
 \*\*\* Cancelled due to Thunderstorm Warning

### Water Quality Monitoring Results at CE - Mid-Flood Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Water Temperature (°C)		pH		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity(NTU)			Suspended Solids (mg/L)		
						Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
30-Jan-08	Sunny	Moderate	11:51	Surface	1	13.8 13.8	13.8	7.4 7.4	7.4	33.1 33.1	33.1	109.9 109.9	109.9	7.4 7.4	7.4	7.2	5.6 5.3	5.5	5.2	19.0 19.0	19.0	13.7
				Middle	5.5	13.7 13.7	13.7	7.4 7.4	7.4	33.2 33.2	33.2	102.8 102.5	102.7	7.0 7.0	7.0		5.1 4.3	4.7		7.0 7.0		
				Bottom	10	13.4 13.4	13.4	7.4 7.4	7.4	33.2 33.2	33.2	100.2 98.7	99.5	6.8 6.7	6.8		5.0 5.6	5.3		15.0 15.0		
1-Feb-08	Sunny	Moderate	10:11	Surface	1	16.1 16.1	16.1	7.4 7.4	7.4	34.0 34.0	34.0	79.8 79.4	79.6	6.4 6.4	6.4	6.4	15.3 14.6	15.0	13.8	9.0 9.0	9.0	12.2
				Middle	5.5	16.1 16.1	16.1	7.4 7.4	7.4	34.0 34.0	34.0	79.1 78.8	79.0	6.3 6.3	6.3		13.7 13.3	13.5		9.0 10.0	9.5	
				Bottom	10	16.1 16.1	16.1	7.4 7.4	7.4	34.0 34.0	34.0	78.5 78.4	78.5	6.3 6.3	6.3		12.8 12.7	12.8		18.0 18.0	18.0	
4-Feb-08	Cloudy	Moderate	07:16	Surface	1	15.4 15.5	15.5	7.3 7.3	7.3	33.8 33.8	33.8	99.7 99.1	99.4	8.1 8.1	8.1	8.1	9.5 9.3	9.4	8.9	14.0 14.0	14.0	11.3
				Middle	5.5	15.5 15.5	15.5	7.3 7.3	7.3	33.9 33.9	33.9	98.2 97.9	98.1	8.0 8.0	8.0		8.8 8.5	8.7		8.0 8.0		
				Bottom	10	15.5 15.5	15.5	7.3 7.3	7.3	33.9 33.9	33.9	97.3 97.1	97.2	7.9 7.9	7.9		8.4 8.6	8.5		12.0 12.0		
6-Feb-08	Rainy	Rough	08:49	Surface	1	15.2 15.2	15.2	7.6 7.6	7.6	32.9 32.9	32.9	93.5 93.5	93.5	6.4 6.4	6.4	6.3	6.3 6.4	6.4	6.6	5.0 5.0	5.0	11.2
				Middle	5.5	15.2 15.2	15.2	7.5 7.5	7.5	32.9 32.9	32.9	92.4 90.3	91.4	6.3 6.1	6.2		6.4 6.4	6.4		5.0 5.0		
				Bottom	10	15.4 15.4	15.4	7.5 7.5	7.5	33.1 33.1	33.1	93.5 93.5	93.5	6.4 6.4	6.4		6.7 7.1	6.9		14.0 14.0		
11-Feb-08	Cloudy	Moderate	10:11	Surface	1	14.8 14.8	14.8	7.3 7.3	7.3	32.9 32.9	32.9	107.9 107.5	107.7	7.3 7.3	7.3	7.3	5.6 5.3	5.5	5.2	11.0 11.0	11.0	13.7
				Middle	5.5	14.7 14.7	14.7	7.2 7.2	7.2	32.9 32.9	32.9	107.1 106.9	107.0	7.2 7.2	7.2		4.3 4.3	4.7		11.0 11.0		
				Bottom	10	14.4 14.4	14.4	7.3 7.3	7.3	32.9 32.9	32.9	106.8 107.0	106.9	7.2 7.2	7.2		5.0 5.6	5.3		19.0 19.0		
13-Feb-08	Fine	Rough	11:17	Surface	1	14.8 14.8	14.8	7.4 7.4	7.4	32.9 32.9	32.9	95.3 94.9	95.1	6.5 6.5	6.5	6.5	3.9 4.0	4.0	5.3	11.0 11.0	11.0	14.0
				Middle	5.5	14.7 14.7	14.7	7.4 7.4	7.4	32.9 32.9	32.9	94.0 94.2	94.1	6.4 6.4	6.4		4.9 4.8	4.9		17.0 17.0		
				Bottom	10	14.4 14.4	14.4	7.4 7.4	7.4	32.9 32.9	32.9	94.0 94.3	94.2	6.4 6.4	6.4		6.8 6.9	6.9		14.0 14.0		
15-Feb-08	Fine	Rough	12:21	Surface	1	16.1 16.1	16.1	7.3 7.3	7.3	33.0 33.0	33.0	80.1 79.4	79.8	6.4 6.4	6.4	6.4	5.1 5.1	5.1	5.9	13.0 13.0	13.0	8.3
				Middle	5.5	16.1 16.1	16.1	7.3 7.3	7.3	32.9 32.9	32.9	79.1 78.8	79.0	6.3 6.3	6.3		6.5 6.5	6.5		7.0 7.0		
				Bottom	10	16.1 16.1	16.1	7.3 7.3	7.3	32.9 32.9	32.9	78.6 78.4	78.5	6.3 6.3	6.3		6.1 6.1	6.1		5.0 5.0		
18-Feb-08	Sunny	Moderate	16:13	Surface	1	16.1 16.1	16.1	7.3 7.4	7.4	32.7 32.7	32.7	94.3 94.1	94.2	7.4 7.4	7.4	7.4	6.3 6.4	6.4	6.6	7.0 7.0	7.0	7.5
				Middle	5.5	16.1 16.1	16.1	7.3 7.3	7.3	32.8 32.8	32.8	92.9 92.5	92.7	7.3 7.3	7.3		6.4 6.4	6.4		10.0 10.0		
				Bottom	10	16.1 16.1	16.1	7.4 7.4	7.4	32.8 32.8	32.8	88.3 90.3	89.3	6.9 7.1	7.0		6.7 7.1	6.9		5.0 6.0		
20-Feb-08	Sunny	Moderate	18:20	Surface	1	18.1 18.1	18.1	7.3 7.4	7.4	33.4 33.4	33.4	99.6 99.6	99.6	6.8 6.8	6.8	6.8	4.8 4.8	4.8	5.0	12.0 12.0	12.0	10.7
				Middle	5.5	18.1 18.1	18.1	7.3 7.3	7.3	33.4 33.4	33.4	98.4 98.1	98.3	6.7 6.7	6.7		5.1 4.9	5.0		8.0 8.0		
				Bottom	10	18.1 18.1	18.1	7.4 7.4	7.4	33.4 33.4	33.4	96.8 96.8	96.8	6.6 6.6	6.6		5.3 5.2	5.3		12.0 12.0		
22-Feb-08	Rainy	Rough	09:28	Surface	1	19.5 19.5	19.5	7.4 7.4	7.4	32.9 32.9	32.9	98.0 99.8	98.9	6.6 6.7	6.7	6.7	5.6 5.1	5.4	5.7	14.0 14.0	14.0	17.0
				Middle	5.5	19.6 19.6	19.6	7.4 7.4	7.4	32.9 32.9	32.9	99.9 99.9	99.9	6.7 6.7	6.7		4.9 5.2	5.1		14.0 14.0		
				Bottom	10	19.6 19.6	19.6	7.4 7.4	7.4	32.9 32.9	32.9	95.7 95.0	95.4	6.5 6.4	6.5		6.6 6.5	6.6		23.0 23.0		
25-Feb-08	Cloudy	Moderate	09:17	Surface	1	19.6 19.6	19.6	7.4 7.4	7.4	33.0 33.0	33.0	97.4 97.2	97.3	7.4 7.3	7.4	7.3	8.8 8.7	8.8	8.9	13.0 13.0	13.0	17.7
				Middle	5.5	19.6 19.6	19.6	7.4 7.4	7.4	33.0 33.0	33.0	95.6 95.6	95.6	7.2 7.2	7.2		8.9 8.9	8.9		26.0 26.0		
				Bottom	10	19.5 19.5	19.5	7.4 7.4	7.4	33.1 33.1	33.1	96.1 96.1	96.1	7.3 7.3	7.3		9.1 8.9	9.0		14.0 14.0		
27-Feb-08	Cloudy	Moderate	09:58	Surface	1	15.0 15.0	15.0	7.4 7.4	7.4	33.3 33.3	33.3	95.4 96.5	96.0	7.4 7.4	7.4	7.2	6.2 6.2	6.2	6.9	14.0 14.0	14.0	14.0
				Middle	5.5	14.8 14.8	14.8	7.4 7.4	7.4	33.8 33.8	33.8	90.4 90.4	90.4	6.9 6.9	6.9		5.9 5.9	5.9		13.0 13.0		
				Bottom	10	14.3 14.3	14.3	7.2 7.2	7.2	36.9 36.8	36.9	89.3 89.5	89.4	6.9 6.9	6.9		8.6 8.8	8.7		15.0 15.0		

Remarks: The reporting limit for laboratory analysis of suspended solids is 2.5 mg/L. For the results below the reporting limit, the SS level will be taken as 2.5 mg/L.

Remarks: \* DA: Depth-Averaged  
 \*\* Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher  
 \*\*\* Cancelled due to Thunderstorm Warning

### Water Quality Monitoring Results at CF - Mid-Ebb Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Water Temperature (°C)		pH		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity(NTU)			Suspended Solids (mg/L)					
						Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*			
30-Jan-08	Sunny	Moderate	17:25	Surface	1	14.2 14.2	14.2	7.4 7.4	7.4	33.1 33.2	33.2	99.3 99.3	99.3	6.7 6.7	6.7	6.7	5.1 5.1	5.1	5.2	9.0 9.0	9.0	9.0			
				Middle	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	-
				Bottom	3	14.0 14.0	14.0	7.4 7.4	7.4	33.2 33.2	33.2	96.5 94.9	95.7	6.5 6.4	6.5		6.5	5.3 5.1		5.2	9.0 9.0		9.0		
1-Feb-08	Sunny	Moderate	18:32	Surface	1	16.1 16.1	16.1	7.4 7.4	7.4	34.0 34.0	34.0	95.3 95.0	95.2	7.6 7.6	7.6	7.6	14.8 14.6	14.7	14.5	20.0 20.0	20.0	18.0			
				Middle	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	
				Bottom	3	16.1 16.1	16.1	7.4 7.4	7.4	34.0 34.0	34.0	94.7 94.7	94.7	7.6 7.6	7.6		7.6	14.2 14.3		14.3	16.0 16.0		16.0		
4-Feb-08	Cloudy	Moderate	12:09	Surface	1	15.4 15.4	15.4	7.4 7.4	7.4	33.7 33.7	33.7	90.0 90.1	90.1	7.3 7.3	7.3	7.3	8.5 8.9	8.7	8.7	6.0 7.0	6.5	8.8			
				Middle	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	
				Bottom	3	15.4 15.4	15.4	7.4 7.4	7.4	33.8 33.8	33.8	90.0 90.0	90.0	7.3 7.3	7.3		7.3	8.5 8.6		8.6	11.0 11.0		11.0		
6-Feb-08	Rainy	Rough	12:06	Surface	1	15.2 15.1	15.2	7.6 7.6	7.6	33.2 33.2	33.2	98.0 97.6	97.8	6.7 6.6	6.7	6.7	6.5 6.6	6.6	6.6	7.0 7.0	7.0	10.0			
				Middle	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	
				Bottom	3	15.3 15.4	15.4	7.6 7.6	7.6	33.1 33.1	33.1	96.9 96.6	96.8	6.6 6.6	6.6		6.6	6.5 6.4		6.5	13.0 13.0		13.0		
11-Feb-08	Cloudy	Moderate	14:25	Surface	1	15.2 15.2	15.2	7.2 7.2	7.2	32.9 32.9	32.9	99.3 99.3	99.3	6.7 6.7	6.7	6.7	6.1 6.9	6.5	5.8	4.0 5.0	4.5	4.5			
				Middle	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	
				Bottom	3	15.0 15.0	15.0	7.3 7.3	7.3	32.9 32.9	32.9	96.5 94.9	95.7	6.5 6.4	6.5		6.5	5.1 5.1		5.1	4.0 5.0		4.5		
13-Feb-08	Fine	Rough	16:13	Surface	1	15.2 15.2	15.2	7.4 7.4	7.4	32.9 32.9	32.9	92.4 91.9	92.2	6.3 6.3	6.3	6.3	3.5 3.6	3.6	4.5	8.0 8.0	8.0	9.5			
				Middle	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	
				Bottom	3	15.0 15.0	15.0	7.4 7.4	7.4	32.9 32.9	32.9	90.9 90.9	90.9	6.2 6.2	6.2		6.2	5.4 5.3		5.4	11.0 11.0		11.0		
15-Feb-08	Fine	Rough	18:38	Surface	1	16.1 16.1	16.1	7.3 7.3	7.3	32.9 32.9	32.9	95.4 95.0	95.2	7.7 7.6	7.7	7.7	5.1 4.3	4.7	5.0	10.0 10.0	10.0	12.0			
				Middle	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	
				Bottom	3	16.1 16.1	16.1	7.3 7.3	7.3	33.1 33.1	33.1	94.7 94.7	94.7	7.6 7.6	7.6		7.6	5.0 5.6		5.3	14.0 14.0		14.0		
18-Feb-08	Sunny	Moderate	10:37	Surface	1	16.1 16.1	16.1	7.3 7.3	7.3	32.8 32.9	32.9	98.1 97.6	97.9	7.7 7.6	7.7	7.7	6.5 6.6	6.6	6.6	6.0 6.0	6.0	7.5			
				Middle	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	
				Bottom	3	16.1 16.1	16.1	7.3 7.3	7.3	32.9 32.9	32.9	95.0 95.0	95.0	7.4 7.4	7.4		7.4	6.5 6.4		6.5	9.0 9.0		9.0		
20-Feb-08	Sunny	Moderate	12:56	Surface	1	18.1 18.1	18.1	7.3 7.3	7.3	33.1 33.2	33.2	92.7 92.4	92.6	6.3 6.3	6.3	6.3	5.6 5.5	5.6	5.8	16.0 16.0	16.0	17.0			
				Middle	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	
				Bottom	3	18.1 18.1	18.1	7.3 7.3	7.3	33.2 33.2	33.2	91.2 91.0	91.1	6.2 6.2	6.2		6.2	6.0 5.8		5.9	18.0 18.0		18.0		
22-Feb-08	Rainy	Rough	13:21	Surface	1	19.6 19.6	19.6	7.3 7.3	7.3	32.9 32.9	32.9	95.9 95.8	95.9	6.4 6.4	6.4	6.4	4.7 4.8	4.8	4.8	14.0 14.0	14.0	11.0			
				Middle	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	
				Bottom	3	19.6 19.6	19.6	7.3 7.3	7.3	32.9 32.9	32.9	95.0 94.5	94.8	6.4 6.4	6.4		6.4	4.8 4.7		4.8	8.0 8.0		8.0		
25-Feb-08	Cloudy	Moderate	14:51	Surface	1	19.6 19.6	19.6	7.4 7.4	7.4	33.0 33.0	33.0	96.9 96.0	96.5	7.3 7.2	7.3	7.3	9.1 9.4	9.3	9.3	20.0 20.0	20.0	18.0			
				Middle	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	
				Bottom	3	19.6 19.6	19.6	7.4 7.4	7.4	33.0 33.0	33.0	95.2 95.2	95.2	7.2 7.2	7.2		7.2	9.3 9.2		9.3	16.0 16.0		16.0		
27-Feb-08	Cloudy	Moderate	15:10	Surface	1	14.6 14.6	14.6	7.4 7.4	7.4	33.1 33.1	33.1	91.9 91.8	91.9	7.7 7.6	7.7	7.7	4.6 4.5	4.6	5.1	13.0 13.0	13.0	10.8			
				Middle	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	
				Bottom	3	14.3 14.3	14.3	7.4 7.4	7.4	33.3 33.3	33.3	90.4 90.1	90.3	7.5 7.5	7.5		7.5	5.5 5.6		5.6	8.0 9.0		8.5		

Remarks: The reporting limit for laboratory analysis of suspended solids is 2.5 mg/L. For the results below the reporting limit, the SS level will be taken as 2.5 mg/L.

Remarks: \* DA: Depth-Averaged  
 \*\* Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher  
 \*\*\* Cancelled due to Thunderstorm Warning

### Water Quality Monitoring Results at CF - Mid-Flood Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Water Temperature (°C)		pH		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity(NTU)			Suspended Solids (mg/L)					
						Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*			
30-Jan-08	Sunny	Moderate	10:31	Surface	1	13.9 13.9	13.9	7.4 7.4	7.4	33.2 33.2	33.2	94.9 95.7	95.3	6.4 6.5	6.5	6.5	3.6 4.1	3.9	4.8	13.0 13.0	13.0	14.0			
				Middle	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	-
				Bottom	3	13.4 13.4	13.4	7.4 7.4	7.4	33.2 33.2	33.2	91.7 91.6	91.7	6.3 6.2	6.3		6.1 5.1	5.6		6.1 5.1	5.6		6.1 5.1	5.6	15.0 15.0
1-Feb-08	Sunny	Moderate	09:21	Surface	1	16.1 16.1	16.1	7.4 7.4	7.4	33.9 33.9	33.9	89.9 89.4	89.7	7.2 7.2	7.2	7.2	18.9 18.5	18.7	18.3	19.0 19.0	19.0	16.0			
				Middle	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	-
				Bottom	3	16.1 16.1	16.1	7.4 7.4	7.4	34.0 34.0	34.0	87.9 87.9	87.9	7.0 7.0	7.0		17.8 17.8	17.8		17.8 17.8	17.8		13.0 13.0	13.0	
4-Feb-08	Cloudy	Moderate	08:15	Surface	1	15.5 15.5	15.5	7.3 7.3	7.3	33.9 33.9	33.9	95.5 95.5	95.5	7.8 7.8	7.8	7.8	9.7 9.7	9.7	9.4	9.0 9.0	9.0	9.5			
				Middle	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	-
				Bottom	3	15.5 15.5	15.5	7.3 7.3	7.3	33.9 33.9	33.9	93.5 93.5	93.5	7.6 7.6	7.6		9.4 8.5	9.0		9.4 8.5	9.0		10.0 10.0	10.0	
6-Feb-08	Rainy	Rough	07:30	Surface	1	15.3 15.3	15.3	7.6 7.6	7.6	33.2 33.3	33.3	98.7 96.9	97.8	6.7 6.6	6.7	6.7	6.0 5.8	5.9	6.0	20.0 20.0	20.0	10.0			
				Middle	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	-
				Bottom	3	15.2 15.2	15.2	7.4 7.4	7.4	33.2 33.3	33.3	93.3 93.5	93.4	6.3 6.3	6.3		6.1 6.0	6.1		6.1 6.0	6.1		20.0 20.0	20.0	
11-Feb-08	Cloudy	Moderate	09:21	Surface	1	14.9 14.9	14.9	7.3 7.3	7.3	32.9 32.9	32.9	98.5 97.9	98.2	6.7 6.6	6.7	6.7	4.5 5.1	4.8	5.1	11.0 11.0	11.0	9.5			
				Middle	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	-
				Bottom	3	14.4 14.4	14.4	7.3 7.3	7.3	32.9 32.9	32.9	93.5 93.5	93.5	6.4 6.4	6.4		5.3 5.2	5.3		5.3 5.2	5.3		8.0 8.0	8.0	
13-Feb-08	Fine	Rough	10:11	Surface	1	14.9 14.9	14.9	7.4 7.4	7.4	32.9 32.9	32.9	94.0 94.0	94.0	6.4 6.4	6.4	6.4	3.8 3.7	3.8	3.9	18.0 18.0	18.0	17.5			
				Middle	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	-
				Bottom	3	14.4 14.4	14.4	7.4 7.4	7.4	32.9 32.9	32.9	93.9 92.4	93.2	6.4 6.3	6.4		3.9 3.9	3.9		3.9 3.9	3.9		17.0 17.0	17.0	
15-Feb-08	Fine	Rough	11:21	Surface	1	16.1 16.1	16.1	7.3 7.3	7.3	33.2 33.2	33.2	89.9 89.4	89.7	7.2 7.2	7.2	7.2	5.1 5.1	5.1	5.2	9.0 9.0	9.0	7.3			
				Middle	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	-
				Bottom	3	16.1 16.1	16.1	7.3 7.3	7.3	33.1 33.1	33.1	87.9 87.9	87.9	7.0 7.0	7.0		5.3 5.1	5.2		5.3 5.1	5.2		5.0 6.0	5.5	
18-Feb-08	Sunny	Moderate	15:21	Surface	1	16.1 16.1	16.1	7.4 7.4	7.4	32.9 32.9	32.9	94.6 94.7	94.7	7.4 7.4	7.4	7.4	6.0 5.8	5.9	6.0	7.0 7.0	7.0	8.0			
				Middle	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	-
				Bottom	3	16.1 16.1	16.1	7.4 7.4	7.4	32.9 32.9	32.9	94.9 94.7	94.8	7.4 7.4	7.4		6.1 6.0	6.1		6.1 6.0	6.1		9.0 9.0	9.0	
20-Feb-08	Sunny	Moderate	17:13	Surface	1	18.1 18.1	18.1	7.4 7.4	7.4	33.4 33.4	33.4	97.5 96.7	97.1	6.6 6.6	6.6	6.6	5.8 5.9	5.9	5.9	15.0 15.0	15.0	14.5			
				Middle	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	-
				Bottom	3	18.1 18.1	18.1	7.3 7.4	7.4	33.4 33.4	33.4	93.6 93.2	93.4	6.4 6.4	6.4		5.9 5.9	5.9		5.9 5.9	5.9		14.0 14.0	14.0	
22-Feb-08	Rainy	Rough	08:37	Surface	1	19.6 19.6	19.6	7.4 7.4	7.4	32.9 32.9	32.9	91.6 91.1	91.4	6.2 6.2	6.2	6.2	5.9 5.9	5.9	5.9	13.0 13.0	13.0	14.5			
				Middle	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	-
				Bottom	3	19.5 19.5	19.5	7.4 7.4	7.4	32.9 32.9	32.9	90.5 90.6	90.6	6.1 6.1	6.1		5.8 5.7	5.8		5.8 5.7	5.8		16.0 16.0	16.0	
25-Feb-08	Cloudy	Moderate	08:22	Surface	1	19.6 19.6	19.6	7.4 7.4	7.4	33.0 33.0	33.0	95.7 95.7	95.7	7.2 7.2	7.2	7.2	9.3 9.1	9.2	9.1	9.0 9.0	9.0	12.3			
				Middle	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	-
				Bottom	3	19.6 19.5	19.6	7.4 7.4	7.4	33.0 33.1	33.1	95.7 95.8	95.8	7.2 7.2	7.2		9.1 8.8	9.0		9.1 8.8	9.0		16.0 15.0	15.5	
27-Feb-08	Cloudy	Moderate	08:55	Surface	1	14.7 14.7	14.7	7.3 7.3	7.3	32.7 32.7	32.7	89.5 89.6	89.6	7.4 7.4	7.4	7.4	4.4 4.2	4.3	5.0	7.0 7.0	7.0	6.8			
				Middle	-	-	-	-	-	-	-	-	-	-	-		-	-		-	-		-	-	-
				Bottom	3	14.7 14.7	14.7	7.3 7.3	7.3	32.7 32.7	32.7	88.7 88.7	88.7	7.4 7.4	7.4		5.6 5.7	5.7		5.6 5.7	5.7		6.0 7.0	6.5	

Remarks: The reporting limit for laboratory analysis of suspended solids is 2.5 mg/L. For the results below the reporting limit, the SS level will be taken as 2.5 mg/L.

Remarks: \* DA: Depth-Averaged  
 \*\* Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher  
 \*\*\* Cancelled due to Thunderstorm Warning

### Water Quality Monitoring Results at I1 - Mid-Ebb Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Water Temperature (°C)		pH		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity(NTU)			Suspended Solids (mg/L)		
						Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
30-Jan-08	Sunny	Moderate	18:06	Surface	1	14.1 14.2	14.2	7.4 7.4	7.4	32.9 32.9	32.9	101.8 101.4	101.6	6.9 6.9	6.9	6.8	4.6 4.5	4.6	4.7	9.0 9.0	14.0	
				Middle	4.5	14.1 14.0	14.1	7.4 7.4	7.4	32.9 32.9	32.9	98.7 96.9	97.8	6.7 6.6	6.7		5.1 5.1	5.1		15.0 15.0		
				Bottom	8	13.9 13.9	13.9	7.4 7.4	7.4	33.0 33.0	33.0	90.6 89.5	90.1	6.1 6.1	6.1		4.3 4.3	4.3		18.0 18.0		
1-Feb-08	Sunny	Moderate	18:11	Surface	1	16.1 16.1	16.1	7.4 7.4	7.4	34.0 34.0	34.0	97.7 97.3	97.5	7.8 7.8	7.8	7.8	11.5 11.5	11.5	11.4	12.0 12.0	9.2	
				Middle	4.5	16.1 16.1	16.1	7.4 7.4	7.4	34.0 34.0	34.0	96.7 96.5	96.6	7.7 7.7	7.7		11.4 11.3	11.4		7.0 8.0		
				Bottom	8	16.1 16.1	16.1	7.4 7.4	7.4	34.0 34.0	34.0	96.4 96.3	96.4	7.7 7.7	7.7		11.2 11.2	11.2		8.0 8.0		
4-Feb-08	Cloudy	Moderate	11:41	Surface	1	15.5 15.5	15.5	7.4 7.4	7.4	33.9 33.9	33.9	92.4 92.3	92.4	7.5 7.5	7.5	7.5	10.3 9.6	10.0	9.6	8.0 8.0	10.5	
				Middle	4.5	15.5 15.5	15.5	7.3 7.3	7.3	33.9 33.9	33.9	92.4 92.4	92.4	7.5 7.5	7.5		9.2 9.0	9.1		5.0 6.0		
				Bottom	8	15.5 15.5	15.5	7.3 7.3	7.3	33.9 33.9	33.9	92.3 92.3	92.3	7.5 7.5	7.5		9.6 9.5	9.6		18.0 18.0		
6-Feb-08	Rainy	Rough	12:42	Surface	1	15.2 15.2	15.2	7.6 7.6	7.6	33.0 33.0	33.0	107.2 107.1	107.2	7.2 7.2	7.2	7.2	6.0 6.3	6.2	6.6	12.0 12.0	11.3	
				Middle	4.5	15.2 15.2	15.2	7.6 7.6	7.6	32.9 32.9	32.9	104.0 103.8	103.9	7.1 7.1	7.1		6.2 6.5	6.4		13.0 13.0		
				Bottom	8	15.3 15.3	15.3	7.6 7.6	7.6	32.9 32.9	32.9	103.3 102.6	103.0	7.0 7.0	7.0		6.9 7.7	7.3		9.0 9.0		
11-Feb-08	Cloudy	Moderate	15:06	Surface	1	15.1 15.2	15.2	7.3 7.3	7.3	32.9 32.9	32.9	122.8 119.7	121.3	8.3 8.1	8.2	7.9	5.1 5.1	5.1	5.2	15.0 15.0	8.8	
				Middle	4.5	15.1 15.0	15.1	7.2 7.2	7.2	32.9 32.9	32.9	111.3 109.6	110.5	7.5 7.4	7.5		4.3 4.3	4.3		6.0 6.0		
				Bottom	8	14.9 14.9	14.9	7.2 7.2	7.2	32.9 32.9	32.9	109.0 108.6	108.8	7.4 7.3	7.4		6.0 6.1	6.1		5.0 6.0		
13-Feb-08	Fine	Rough	16:44	Surface	1	15.1 15.2	15.2	7.4 7.4	7.4	32.9 32.9	32.9	97.2 96.3	96.8	6.6 6.5	6.6	6.5	6.3 6.2	6.3	6.7	13.0 13.0	10.8	
				Middle	4.5	15.1 15.0	15.1	7.4 7.4	7.4	32.9 32.9	32.9	92.8 92.6	92.7	6.3 6.3	6.3		6.9 6.8	6.9		8.0 9.0		
				Bottom	8	14.9 14.9	14.9	7.4 7.4	7.4	32.9 32.9	32.9	92.4 91.8	92.1	6.3 6.2	6.3		6.9 6.9	6.9		11.0 11.0		
15-Feb-08	Fine	Rough	18:11	Surface	1	16.1 16.1	16.1	7.3 7.3	7.3	33.0 33.0	33.0	97.7 97.3	97.5	7.8 7.8	7.8	7.8	6.5 6.3	6.4	6.2	21.0 21.0	12.0	
				Middle	4.5	16.1 16.1	16.1	7.3 7.3	7.3	33.0 33.0	33.0	96.7 96.5	96.6	7.7 7.7	7.7		6.9 7.3	7.1		8.0 8.0		
				Bottom	8	16.1 16.1	16.1	7.3 7.3	7.3	33.3 33.1	33.2	96.4 96.3	96.4	7.7 7.7	7.7		5.2 5.2	5.2		7.0 7.0		
18-Feb-08	Sunny	Moderate	11:08	Surface	1	16.1 16.1	16.1	7.3 7.4	7.4	32.9 32.9	32.9	94.6 97.6	96.1	7.4 7.6	7.5	7.5	6.0 6.3	6.2	6.6	8.0 8.0	12.0	
				Middle	4.5	16.1 16.1	16.1	7.3 7.3	7.3	32.9 32.9	32.9	95.0 95.0	95.0	7.4 7.4	7.4		6.2 6.5	6.4		17.0 17.0		
				Bottom	8	16.1 16.1	16.1	7.3 7.3	7.3	32.9 32.9	32.9	88.6 87.8	88.2	6.9 6.9	6.9		6.9 7.7	7.3		11.0 11.0		
20-Feb-08	Sunny	Moderate	13:38	Surface	1	18.0 18.1	18.1	7.4 7.4	7.4	33.1 33.1	33.1	94.6 93.9	94.3	6.5 6.4	6.5	6.4	4.3 4.6	4.5	5.2	18.0 18.0	14.2	
				Middle	4.5	18.1 18.1	18.1	7.4 7.4	7.4	33.2 33.2	33.2	91.3 91.2	91.3	6.2 6.2	6.2		5.1 5.4	5.3		16.0 16.0		
				Bottom	8	18.1 18.1	18.1	7.3 7.3	7.3	33.3 33.3	33.3	90.6 90.6	90.6	6.2 6.2	6.2		5.9 5.7	5.8		8.0 9.0		
22-Feb-08	Rainy	Rough	13:46	Surface	1	19.6 19.6	19.6	7.4 7.4	7.4	32.9 32.9	32.9	95.9 95.8	95.9	6.4 6.4	6.4	6.4	5.3 5.3	5.3	5.1	15.0 15.0	13.0	
				Middle	4.5	19.6 19.6	19.6	7.4 7.4	7.4	32.9 32.9	32.9	95.0 94.5	94.8	6.4 6.4	6.4		4.9 4.8	4.9		18.0 18.0		
				Bottom	8	19.6 19.6	19.6	7.4 7.4	7.4	32.9 32.9	32.9	99.5 98.3	98.9	6.7 6.6	6.7		5.1 5.1	5.1		6.0 6.0		
25-Feb-08	Cloudy	Moderate	15:16	Surface	1	19.6 19.6	19.6	7.4 7.4	7.4	33.0 33.0	33.0	96.2 96.1	96.2	7.3 7.3	7.3	7.2	9.6 9.6	9.6	9.4	10.0 10.0	14.0	
				Middle	4.5	19.6 19.6	19.6	7.4 7.4	7.4	33.0 33.0	33.0	94.5 94.4	94.5	7.1 7.1	7.1		9.4 9.3	9.4		12.0 12.0		
				Bottom	8	19.6 19.6	19.6	7.4 7.4	7.4	33.0 33.0	33.0	94.6 94.8	94.7	7.1 7.2	7.2		9.1 9.2	9.2		20.0 20.0		
27-Feb-08	Cloudy	Moderate	15:34	Surface	1	14.7 14.7	14.7	7.4 7.4	7.4	33.1 33.0	33.1	96.0 93.2	94.6	7.8 7.8	7.8	7.6	4.5 4.5	4.5	4.8	9.0 9.0	10.0	
				Middle	4.5	14.6 14.6	14.6	7.4 7.3	7.4	33.1 33.1	33.1	93.6 93.7	93.7	7.4 7.4	7.4		5.2 5.1	5.2		10.0 10.0		
				Bottom	8	14.6 14.6	14.6	7.3 7.3	7.3	33.4 33.4	33.4	95.5 95.8	95.7	7.3 7.3	7.3		4.6 4.6	4.6		11.0 11.0		

Remarks: The reporting limit for laboratory analysis of suspended solids is 2.5 mg/L. For the results below the reporting limit, the SS level will be taken as 2.5 mg/L.

Remarks: \* DA: Depth-Averaged  
 \*\* Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher  
 \*\*\* Cancelled due to Thunderstorm Warning

### Water Quality Monitoring Results at I1 - Mid-Flood Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Water Temperature (°C)		pH		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity(NTU)			Suspended Solids (mg/L)		
						Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
30-Jan-08	Sunny	Moderate	11:10	Surface	1	13.8 13.8	13.8	7.4 7.4	7.4	33.3 33.1	33.2	97.2 96.3	96.8	6.6 6.5	6.6	6.5	5.2 5.2	5.2	5.0	11.0 11.0	11.0	14.7
				Middle	4.5	13.7 13.7	13.7	7.4 7.4	7.4	33.1 33.1	33.1	92.8 92.6	92.7	6.3 6.3	6.3		4.3 5.1	4.7		19.0 19.0	19.0	
				Bottom	8	13.6 13.7	13.7	7.4 7.4	7.4	33.1 33.1	33.1	92.4 91.8	92.1	6.3 6.2	6.3		4.9 5.0	5.0		14.0 14.0	14.0	
1-Feb-08	Sunny	Moderate	09:46	Surface	1	16.1 16.1	16.1	7.4 7.4	7.4	34.0 34.0	34.0	84.7 84.3	84.5	6.8 6.8	6.8	6.8	17.3 16.9	17.1	15.1	13.0 13.0	13.0	13.0
				Middle	4.5	16.1 16.1	16.1	7.4 7.4	7.4	34.0 34.0	34.0	83.9 83.0	83.5	6.7 6.7	6.7		15.1 14.1	14.6		12.0 12.0	12.0	
				Bottom	8	16.1 16.1	16.1	7.4 7.4	7.4	34.0 34.0	34.0	82.5 82.1	82.3	6.6 6.6	6.6		13.8 13.5	13.7		14.0 14.0	14.0	
4-Feb-08	Cloudy	Moderate	07:45	Surface	1	15.4 15.5	15.5	7.3 7.3	7.3	33.9 33.9	33.9	94.1 94.2	94.2	7.6 7.7	7.7	7.7	7.5 7.4	7.5	8.0	12.0 12.0	12.0	11.3
				Middle	4.5	15.5 15.5	15.5	7.3 7.3	7.3	33.9 33.9	33.9	94.1 94.2	94.2	7.6 7.6	7.6		9.4 8.8	9.1		13.0 13.0	13.0	
				Bottom	8	15.5 15.5	15.5	7.3 7.3	7.3	33.9 33.9	33.9	94.1 93.9	94.0	7.6 7.6	7.6		7.4 7.3	7.4		9.0 9.0	9.0	
6-Feb-08	Rainy	Rough	08:14	Surface	1	15.2 15.2	15.2	7.4 7.4	7.4	33.3 33.1	33.2	97.2 96.3	96.8	6.6 6.5	6.6	6.5	6.3 6.4	6.4	6.6	7.0 7.0	7.0	11.3
				Middle	4.5	15.2 15.2	15.2	7.4 7.4	7.4	33.1 33.1	33.1	92.8 92.6	92.7	6.3 6.3	6.3		6.5 6.8	6.7		8.0 8.0	8.0	
				Bottom	8	15.2 15.2	15.2	7.4 7.4	7.4	33.1 33.1	33.1	92.4 91.8	92.1	6.3 6.2	6.3		6.9 6.6	6.8		19.0 18.0	18.5	
11-Feb-08	Cloudy	Moderate	09:46	Surface	1	14.8 14.8	14.8	7.3 7.3	7.3	32.9 32.9	32.9	102.1 102.3	102.2	6.9 6.9	6.9	6.7	5.2 5.2	5.2	5.0	7.0 7.0	7.0	9.7
				Middle	4.5	14.7 14.7	14.7	7.2 7.2	7.2	32.9 32.9	32.9	93.5 93.5	93.5	6.4 6.4	6.4		4.3 5.1	4.7		6.0 6.0	6.0	
				Bottom	8	14.6 14.7	14.7	7.2 7.2	7.2	32.9 32.9	32.9	85.1 85.1	85.1	5.8 5.8	5.8		4.9 5.0	5.0		16.0 16.0	16.0	
13-Feb-08	Fine	Rough	10:46	Surface	1	14.8 14.8	14.8	7.3 7.3	7.3	32.9 32.9	32.9	97.2 95.7	96.5	6.7 6.5	6.6	6.5	4.7 4.7	4.7	5.2	6.0 6.0	6.0	11.0
				Middle	4.5	14.7 14.7	14.7	7.3 7.3	7.3	32.9 32.9	32.9	91.7 91.6	91.7	6.3 6.2	6.3		5.2 5.0	5.1		17.0 17.0	17.0	
				Bottom	8	14.6 14.7	14.7	7.3 7.3	7.3	32.9 32.9	32.9	90.7 90.7	90.7	6.2 6.2	6.2		5.8 5.9	5.9		10.0 10.0	10.0	
15-Feb-08	Fine	Rough	11:56	Surface	1	16.1 16.1	16.1	7.3 7.3	7.3	33.0 33.0	33.0	84.9 84.7	84.8	6.8 6.8	6.8	6.8	4.6 4.5	4.6	4.7	15.0 15.0	15.0	10.7
				Middle	4.5	16.1 16.1	16.1	7.2 7.2	7.2	32.9 32.9	32.9	83.9 83.0	83.5	6.7 6.7	6.7		5.1 5.1	5.1		12.0 12.0	12.0	
				Bottom	8	16.1 16.1	16.1	7.2 7.2	7.2	32.9 32.9	32.9	82.5 82.5	82.5	6.6 6.6	6.6		4.3 4.3	4.3		5.0 5.0	5.0	
18-Feb-08	Sunny	Moderate	15:45	Surface	1	16.1 16.1	16.1	7.4 7.4	7.4	32.9 32.9	32.9	89.3 89.2	89.3	7.0 7.0	7.0	7.0	6.3 6.4	6.4	6.6	11.0 11.0	11.0	7.7
				Middle	4.5	16.1 16.1	16.1	7.3 7.3	7.3	32.9 32.9	32.9	89.2 88.9	89.1	7.0 7.0	7.0		6.5 6.8	6.7		5.0 5.0	5.0	
				Bottom	8	16.1 16.1	16.1	7.3 7.3	7.3	32.9 32.9	32.9	88.7 88.7	88.7	6.9 6.9	6.9		6.9 6.6	6.8		7.0 7.0	7.0	
20-Feb-08	Sunny	Moderate	17:53	Surface	1	18.1 18.1	18.1	7.4 7.4	7.4	34.4 33.6	34.0	97.2 96.3	96.8	6.6 6.5	6.6	6.5	4.6 5.1	4.9	5.5	13.0 13.0	13.0	12.3
				Middle	4.5	18.1 18.1	18.1	7.3 7.3	7.3	33.4 33.4	33.4	92.8 92.6	92.7	6.3 6.3	6.3		4.9 5.2	5.1		16.0 16.0	16.0	
				Bottom	8	18.1 18.1	18.1	7.3 7.3	7.3	33.3 33.3	33.3	92.4 91.8	92.1	6.3 6.2	6.3		6.6 6.5	6.6		8.0 8.0	8.0	
22-Feb-08	Rainy	Rough	08:58	Surface	1	19.5 19.5	19.5	7.4 7.4	7.4	32.9 32.9	32.9	99.5 98.3	98.9	6.7 6.6	6.7	6.6	5.2 5.1	5.2	5.0	5.0 6.0	5.5	11.5
				Middle	4.5	19.6 19.6	19.6	7.3 7.3	7.3	32.9 32.9	32.9	97.0 96.9	97.0	6.5 6.5	6.5		4.2 4.1	4.2		10.0 10.0	10.0	
				Bottom	8	19.6 19.6	19.6	7.4 7.4	7.4	32.9 32.9	32.9	96.1 95.4	95.8	6.5 6.4	6.5		5.8 5.4	5.6		19.0 19.0	19.0	
25-Feb-08	Cloudy	Moderate	08:48	Surface	1	19.6 19.6	19.6	7.4 7.4	7.4	33.0 33.0	33.0	95.5 95.5	95.5	7.2 7.2	7.2	7.2	9.4 9.5	9.5	9.7	8.0 8.0	8.0	11.0
				Middle	4.5	19.6 19.6	19.6	7.4 7.4	7.4	33.0 33.0	33.0	94.9 94.9	94.9	7.2 7.2	7.2		9.9 9.6	9.8		18.0 18.0	18.0	
				Bottom	8	19.5 19.5	19.5	7.4 7.4	7.4	33.0 33.1	33.1	95.7 95.7	95.7	7.2 7.2	7.2		9.8 9.9	9.9		7.0 7.0	7.0	
27-Feb-08	Cloudy	Moderate	09:20	Surface	1	14.7 14.7	14.7	7.3 7.3	7.3	32.8 32.8	32.8	96.8 96.8	96.8	8.1 8.1	8.1	8.1	3.7 3.7	3.7	4.6	19.0 19.0	19.0	15.0
				Middle	4.5	14.6 14.6	14.6	7.4 7.4	7.4	32.8 32.8	32.8	96.5 96.2	96.4	8.0 8.0	8.0		4.7 4.6	4.7		16.0 16.0	16.0	
				Bottom	8	14.6 14.6	14.6	7.3 7.3	7.3	32.9 32.9	32.9	95.4 95.3	95.4	7.9 7.9	7.9		5.2 5.4	5.3		10.0 10.0	10.0	

Remarks: The reporting limit for laboratory analysis of suspended solids is 2.5 mg/L. For the results below the reporting limit, the SS level will be taken as 2.5 mg/L.

Remarks: \* DA: Depth-Averaged  
 \*\* Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher  
 \*\*\* Cancelled due to Thunderstorm Warning

### Water Quality Monitoring Results at I2 - Mid-Ebb Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Water Temperature (°C)		pH		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity(NTU)			Suspended Solids (mg/L)		
						Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
30-Jan-08	Sunny	Moderate	17:55	Surface	1	14.1	14.1	7.4	7.4	32.7	32.7	107.8	107.9	7.3	7.3	7.3	5.9	5.9	5.7	8.0	8.0	9.7
				Middle	4.5	14.0	14.0	7.4	7.4	32.8	32.8	108.0	108.4	7.3	7.3		5.9	5.9		8.0	8.0	
				Bottom	8	13.9	13.9	7.4	7.4	32.9	32.9	108.4	108.9	7.3	7.4		5.3	5.2		8.0	13.0	
1-Feb-08	Sunny	Moderate	18:12	Surface	1	16.1	16.1	7.4	7.4	34.0	34.0	95.9	95.9	7.7	7.7	7.7	11.1	11.2	11.1	6.0	6.0	8.5
				Middle	4.5	16.1	16.1	7.4	7.4	34.0	34.0	95.9	95.9	7.7	7.7		11.1	10.9		6.0	13.0	
				Bottom	8	16.1	16.1	7.4	7.4	34.0	34.0	95.8	95.8	7.7	7.7		10.7	11.3		6.0	6.5	
4-Feb-08	Cloudy	Moderate	11:44	Surface	1	15.4	15.4	7.3	7.3	33.8	33.8	92.2	92.2	7.5	7.5	7.5	10.0	10.0	9.6	11.0	11.0	14.0
				Middle	4.5	15.4	15.5	7.3	7.3	33.9	33.9	92.3	92.3	7.5	7.5		9.3	9.1		16.0	16.0	
				Bottom	8	15.5	15.5	7.3	7.3	33.9	33.9	92.3	92.1	7.5	7.5		8.9	9.6		15.0	15.0	
6-Feb-08	Rainy	Rough	12:36	Surface	1	15.4	15.4	7.6	7.6	32.9	32.9	98.7	97.8	6.7	6.7	6.5	6.1	6.2	6.3	8.0	8.0	8.5
				Middle	4.5	15.3	15.3	7.6	7.6	32.7	32.7	92.7	92.6	6.3	6.3		6.1	6.4		10.0	10.0	
				Bottom	8	15.3	15.3	7.6	7.6	33.0	33.0	90.9	90.7	6.2	6.2		6.5	6.3		7.0	7.5	
11-Feb-08	Cloudy	Moderate	14:55	Surface	1	15.1	15.1	7.2	7.2	32.9	32.9	110.6	110.8	7.5	7.5	7.5	6.1	6.1	5.3	5.0	5.0	10.0
				Middle	4.5	15.0	15.0	7.2	7.2	32.9	32.9	111.6	111.7	7.5	7.5		5.3	5.2		12.0	12.0	
				Bottom	8	14.9	14.9	7.2	7.2	32.9	32.9	111.7	112.2	7.5	7.6		5.1	4.6		13.0	13.0	
13-Feb-08	Fine	Rough	16:39	Surface	1	15.1	15.1	7.4	7.4	32.9	32.9	93.4	92.9	6.3	6.3	6.3	6.1	6.2	6.6	9.0	9.0	8.0
				Middle	4.5	15.0	15.0	7.4	7.4	32.9	32.9	90.9	90.7	6.2	6.2		6.1	6.5		3.0	3.0	
				Bottom	8	14.9	14.9	7.4	7.4	32.9	32.9	87.8	87.8	6.0	6.0		6.9	7.0		12.0	12.0	
15-Feb-08	Fine	Rough	18:16	Surface	1	16.1	16.1	7.2	7.2	33.1	33.1	95.9	95.9	7.7	7.7	7.7	4.3	4.7	5.0	21.0	21.0	17.7
				Middle	4.5	16.1	16.1	7.3	7.3	33.1	33.1	95.9	95.9	7.7	7.7		4.9	5.0		20.0	20.0	
				Bottom	8	16.1	16.1	7.2	7.2	32.9	32.9	95.8	95.7	7.7	7.7		5.0	5.4		12.0	12.0	
18-Feb-08	Sunny	Moderate	11:04	Surface	1	16.1	16.1	7.3	7.3	32.9	32.9	99.3	99.1	7.7	7.7	7.7	6.1	6.2	6.3	8.0	8.0	6.0
				Middle	4.5	16.1	16.1	7.3	7.3	32.9	32.9	97.6	97.4	7.6	7.6		6.1	6.4		5.0	5.0	
				Bottom	8	16.1	16.1	7.3	7.3	32.9	32.9	96.2	95.8	7.5	7.5		6.5	6.3		5.0	5.0	
20-Feb-08	Sunny	Moderate	13:23	Surface	1	18.0	18.1	7.3	7.3	33.1	33.1	97.2	96.5	6.7	6.6	6.5	4.3	4.2	4.7	19.0	19.0	15.7
				Middle	4.5	18.1	18.1	7.3	7.3	33.2	33.2	91.7	91.6	6.3	6.3		4.5	4.4		16.0	16.0	
				Bottom	8	18.0	18.0	7.3	7.3	33.2	33.2	90.7	90.7	6.2	6.2		5.5	5.6		12.0	12.0	
22-Feb-08	Rainy	Rough	13:43	Surface	1	19.6	19.6	7.3	7.3	32.9	32.9	92.2	93.1	6.2	6.3	6.3	5.3	5.2	5.2	4.0	4.0	13.0
				Middle	4.5	19.6	19.6	7.4	7.4	32.9	32.9	91.6	91.4	6.2	6.2		5.6	5.6		17.0	17.0	
				Bottom	8	19.6	19.6	7.3	7.3	32.9	32.9	91.1	90.5	6.2	6.1		5.5	4.9		18.0	18.0	
25-Feb-08	Cloudy	Moderate	15:10	Surface	1	19.6	19.6	7.4	7.4	33.0	33.0	94.7	94.6	7.2	7.2	7.2	10.0	9.9	9.7	17.0	17.0	15.3
				Middle	4.5	19.6	19.6	7.4	7.4	33.0	33.0	94.0	94.0	7.1	7.1		9.9	9.9		17.0	17.0	
				Bottom	8	19.6	19.6	7.4	7.4	33.0	33.0	94.4	94.5	7.1	7.1		9.2	9.2		12.0	12.0	
27-Feb-08	Cloudy	Moderate	15:30	Surface	1	14.7	14.7	7.3	7.3	33.1	33.1	91.5	91.1	7.9	7.9	7.9	3.3	3.3	4.3	12.0	12.0	11.7
				Middle	4.5	14.7	14.7	7.3	7.3	33.2	33.2	93.8	93.8	7.8	7.8		4.5	4.5		13.0	13.0	
				Bottom	8	14.6	14.5	7.3	7.3	33.3	33.4	94.4	94.5	7.4	7.4		5.2	5.2		10.0	10.0	

Remarks: The reporting limit for laboratory analysis of suspended solids is 2.5 mg/L. For the results below the reporting limit, the SS level will be taken as 2.5 mg/L.

Remarks: \* DA: Depth-Averaged  
 \*\* Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher  
 \*\*\* Cancelled due to Thunderstorm Warning

### Water Quality Monitoring Results at I2 - Mid-Flood Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Water Temperature (°C)		pH		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity(NTU)			Suspended Solids (mg/L)		
						Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
30-Jan-08	Sunny	Moderate	11:01	Surface	1	13.7	13.7	7.4	7.4	33.0	33.0	93.4	92.9	6.3	6.3	6.3	4.6	5.1	6.2	9.0	9.0	8.7
				Middle	4.5	13.7	13.7	7.4	7.4	33.0	33.0	92.4	92.2	6.3	6.3		6.5	6.4		8.0	8.0	
				Bottom	8	13.7	13.7	7.4	7.4	33.0	33.0	90.9	90.9	6.2	6.2		6.9	7.1		9.0	9.0	
1-Feb-08	Sunny	Moderate	09:45	Surface	1	16.1	16.1	7.4	7.4	34.0	34.0	85.4	85.1	6.8	6.8	6.8	15.9	15.9	15.2	12.0	12.0	9.0
				Middle	4.5	16.1	16.1	7.4	7.4	34.0	34.0	83.8	83.6	6.7	6.7		15.9	15.5		5.0	5.0	
				Bottom	8	16.1	16.1	7.4	7.4	34.0	34.0	83.0	82.9	6.6	6.6		14.1	14.2		10.0	10.0	
4-Feb-08	Cloudy	Moderate	07:49	Surface	1	15.5	15.5	7.3	7.3	33.9	33.9	93.9	93.9	7.6	7.6	7.6	9.7	9.7	10.6	11.0	11.0	11.5
				Middle	4.5	15.5	15.5	7.3	7.3	33.9	33.9	93.8	93.8	7.6	7.6		10.3	10.5		14.0	14.0	
				Bottom	8	15.5	15.5	7.3	7.3	33.9	33.9	93.8	93.8	7.6	7.6		11.5	11.5		9.0	9.5	
6-Feb-08	Rainy	Rough	08:00	Surface	1	15.2	15.2	7.4	7.4	33.0	33.0	93.4	92.9	6.3	6.3	6.3	5.8	6.1	6.0	10.0	10.0	8.5
				Middle	4.5	15.0	15.1	7.4	7.4	33.0	33.0	92.4	92.2	6.3	6.3		5.8	5.9		6.0	6.0	
				Bottom	8	15.2	15.2	7.5	7.5	33.0	33.0	90.9	90.9	6.2	6.2		5.9	5.9		6.0	6.0	
11-Feb-08	Cloudy	Moderate	09:45	Surface	1	14.7	14.7	7.3	7.3	32.9	32.9	101.0	101.3	6.8	6.9	6.6	5.3	5.2	5.8	12.0	12.0	8.3
				Middle	4.5	14.7	14.7	7.3	7.3	32.9	32.9	92.4	91.4	6.3	6.2		4.6	5.1		7.0	7.0	
				Bottom	8	14.7	14.7	7.3	7.3	32.9	32.9	90.3	82.0	6.1	5.6		5.5	7.1		6.0	6.0	
13-Feb-08	Fine	Rough	10:37	Surface	1	14.7	14.7	7.4	7.4	32.9	32.9	106.8	106.6	7.2	7.2	7.2	4.6	4.6	5.6	15.0	15.0	12.3
				Middle	4.5	14.7	14.7	7.4	7.4	32.9	32.9	104.9	104.4	7.1	7.1		5.4	5.5		8.0	8.0	
				Bottom	8	14.7	14.7	7.4	7.4	32.9	32.9	103.1	103.3	7.1	7.1		6.8	6.8		14.0	14.0	
15-Feb-08	Fine	Rough	11:45	Surface	1	16.1	16.1	7.3	7.3	32.9	32.9	86.0	85.4	6.9	6.9	6.8	5.9	5.9	5.7	10.0	10.0	12.7
				Middle	4.5	16.1	16.1	7.3	7.3	32.7	32.7	83.8	83.6	6.7	6.7		6.1	6.1		12.0	12.0	
				Bottom	8	16.1	16.1	7.2	7.2	33.0	33.0	83.0	82.9	6.6	6.6		5.3	5.2		16.0	16.0	
18-Feb-08	Sunny	Moderate	15:43	Surface	1	16.1	16.1	7.4	7.4	32.9	32.9	90.2	90.4	7.1	7.1	7.1	5.8	6.1	6.0	6.0	6.0	6.3
				Middle	4.5	16.1	16.1	7.4	7.4	32.9	32.9	91.0	90.9	7.1	7.1		5.8	5.9		6.0	6.0	
				Bottom	8	16.1	16.1	7.3	7.3	32.9	32.9	90.6	90.4	7.1	7.1		5.9	5.9		7.0	7.0	
20-Feb-08	Sunny	Moderate	17:47	Surface	1	18.1	18.1	7.4	7.4	33.4	33.4	93.4	92.9	6.3	6.3	6.3	4.2	4.2	5.2	8.0	8.0	11.7
				Middle	4.5	18.0	18.0	7.4	7.4	33.3	33.3	90.9	90.8	6.2	6.2		5.0	5.2		17.0	17.0	
				Bottom	8	18.0	18.1	7.3	7.3	33.3	33.3	87.8	87.8	6.0	6.0		6.1	6.2		10.0	10.0	
22-Feb-08	Rainy	Rough	08:47	Surface	1	19.5	19.5	7.4	7.4	32.9	32.9	95.9	95.9	6.4	6.4	6.4	5.3	5.2	5.5	12.0	12.0	10.3
				Middle	5	19.6	19.6	7.4	7.4	32.9	32.9	95.0	94.8	6.4	6.4		5.3	5.2		7.0	7.0	
				Bottom	9	19.6	19.6	7.4	7.4	32.9	32.9	92.2	93.1	6.2	6.3		6.1	6.2		12.0	12.0	
25-Feb-08	Cloudy	Moderate	08:42	Surface	1	19.6	19.6	7.4	7.4	33.0	33.0	95.3	95.2	7.2	7.2	7.2	9.3	9.3	9.5	13.0	13.0	16.2
				Middle	4.5	19.6	19.6	7.4	7.4	33.0	33.0	94.8	95.2	7.2	7.2		9.5	9.5		12.0	12.0	
				Bottom	8	19.5	19.5	7.4	7.4	33.0	33.0	95.7	96.0	7.2	7.3		9.8	9.8		24.0	23.5	
27-Feb-08	Cloudy	Moderate	09:16	Surface	1	14.6	14.6	7.4	7.4	32.6	32.6	94.4	94.4	7.9	7.9	7.9	4.7	4.7	4.5	16.0	16.0	15.0
				Middle	4.5	14.6	14.6	7.4	7.4	32.6	32.6	94.0	94.0	7.8	7.8		4.5	4.5		12.0	12.0	
				Bottom	8	14.6	14.6	7.4	7.4	32.7	32.8	93.8	93.7	7.8	7.7		4.4	4.4		17.0	17.0	

Remarks: The reporting limit for laboratory analysis of suspended solids is 2.5 mg/L. For the results below the reporting limit, the SS level will be taken as 2.5 mg/L.

Remarks: \* DA: Depth-Averaged  
 \*\* Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher  
 \*\*\* Cancelled due to Thunderstorm Warning



### Water Quality Monitoring Results at Intake A - Mid-Ebb Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Water Temperature (°C)		pH		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity(NTU)			Suspended Solids (mg/L)		
						Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
30-Jan-08	Sunny	Moderate	17:41	Surface	1	14.0	14.0	7.4	7.4	33.0	33.0	101.8	101.6	6.9	6.9	6.8	4.4	4.5	5.0	6.0	6.0	8.3
				Middle	5	13.9	13.9	7.4	7.4	32.9	32.9	98.7	97.8	6.7	6.7		4.6	4.6		6.0	6.0	
				Bottom	9	13.8	13.8	7.4	7.4	32.9	32.9	93.3	93.4	6.3	6.3		5.9	5.9		13.0	13.0	
1-Feb-08	Sunny	Moderate	18:24	Surface	1	16.1	16.1	7.4	7.4	34.0	34.0	96.9	96.5	7.8	7.8	7.8	14.9	14.6	16.1	22.0	22.0	14.3
				Middle	5	16.1	16.1	7.4	7.4	34.0	34.0	95.5	95.4	7.7	7.7		17.7	17.7		14.0	14.0	
				Bottom	9	16.1	16.1	7.4	7.4	34.0	34.0	95.2	95.1	7.6	7.6		16.2	16.1		7.0	7.0	
4-Feb-08	Cloudy	Moderate	11:57	Surface	1	15.4	15.4	7.3	7.3	33.7	33.7	90.5	90.5	7.4	7.4	7.4	9.7	9.7	9.3	12.0	12.0	13.0
				Middle	5	15.4	15.4	7.3	7.3	33.8	33.8	90.1	90.1	7.3	7.3		9.0	9.2		11.0	11.0	
				Bottom	9	15.4	15.4	7.3	7.3	33.8	33.8	89.9	90.0	7.3	7.3		8.8	8.9		16.0	16.0	
6-Feb-08	Rainy	Rough	12:26	Surface	1	15.4	15.4	7.6	7.6	33.1	33.2	95.9	95.9	6.5	6.5	6.5	6.2	6.1	6.1	16.0	16.0	8.7
				Middle	5	15.4	15.4	7.6	7.6	33.0	33.0	94.0	94.0	6.4	6.4		6.1	6.1		5.0	5.0	
				Bottom	9	15.3	15.3	7.6	7.6	32.9	32.9	93.9	93.2	6.4	6.4		5.9	6.2		5.0	5.0	
11-Feb-08	Cloudy	Moderate	14:41	Surface	1	15.0	15.0	7.2	7.2	32.9	32.9	107.8	107.9	7.3	7.3	7.3	6.3	5.7	4.8	11.0	11.0	6.8
				Middle	5	14.9	14.9	7.3	7.3	32.9	32.9	108.4	108.4	7.3	7.3		4.4	4.5		5.0	5.0	
				Bottom	9	14.8	14.8	7.3	7.3	32.9	32.9	108.8	108.9	7.3	7.4		4.6	4.1		4.0	4.5	
13-Feb-08	Fine	Rough	16:24	Surface	1	15.0	15.0	7.4	7.4	32.9	32.9	99.6	99.6	6.8	6.8	6.8	6.7	6.5	6.1	5.0	5.5	7.2
				Middle	5	14.9	14.9	7.4	7.4	32.9	32.9	98.4	98.3	6.7	6.7		6.3	5.8		6.0	6.0	
				Bottom	9	14.8	14.8	7.4	7.4	32.9	32.9	96.8	96.8	6.6	6.6		5.9	5.9		10.0	10.0	
15-Feb-08	Fine	Rough	18:28	Surface	1	16.1	16.1	7.3	7.3	33.0	33.0	96.6	96.4	7.7	7.7	7.7	6.3	5.8	5.9	7.0	7.0	6.8
				Middle	5	16.1	16.1	7.3	7.3	32.9	32.9	95.5	95.4	7.7	7.7		6.3	6.3		3.0	3.5	
				Bottom	9	16.1	16.1	7.3	7.3	32.9	32.9	94.9	95.0	7.6	7.6		6.2	5.5		4.0	10.0	
18-Feb-08	Sunny	Moderate	10:51	Surface	1	16.1	16.1	7.3	7.3	32.9	32.9	85.5	85.5	6.7	6.7	6.7	6.2	6.1	6.1	10.0	10.0	11.3
				Middle	5	16.1	16.1	7.4	7.4	32.9	32.9	84.6	84.5	6.6	6.6		6.1	6.1		6.0	6.0	
				Bottom	9	16.1	16.1	7.4	7.4	32.9	32.9	83.0	82.8	6.5	6.5		5.9	6.1		18.0	18.0	
20-Feb-08	Sunny	Moderate	13:08	Surface	1	18.1	18.1	7.3	7.3	33.3	33.3	99.4	99.3	6.8	6.8	6.6	4.8	4.9	5.0	14.0	14.0	11.0
				Middle	5	18.1	18.1	7.4	7.4	33.2	33.2	92.4	92.2	6.3	6.3		4.9	4.9		7.0	7.0	
				Bottom	9	18.1	18.1	7.4	7.4	33.2	33.2	90.9	90.9	6.2	6.2		5.1	5.1		12.0	12.0	
22-Feb-08	Rainy	Rough	13:33	Surface	1	19.6	19.6	7.4	7.4	32.9	32.9	93.0	93.1	6.3	6.3	6.3	4.8	4.8	5.0	13.0	13.0	14.2
				Middle	5	19.6	19.6	7.4	7.4	32.9	32.9	91.6	91.4	6.2	6.2		5.1	5.0		7.0	7.0	
				Bottom	9	19.6	19.6	7.4	7.4	32.9	32.9	90.5	90.6	6.1	6.1		5.3	5.3		23.0	22.5	
25-Feb-08	Cloudy	Moderate	15:01	Surface	1	19.6	19.6	7.4	7.4	33.0	33.0	96.5	96.5	7.3	7.3	7.3	10.1	10.0	9.9	7.0	7.0	7.3
				Middle	5	19.6	19.6	7.4	7.4	33.0	33.0	95.0	95.1	7.2	7.2		9.7	9.8		7.0	7.0	
				Bottom	9	19.6	19.6	7.4	7.4	33.0	33.0	95.4	95.5	7.2	7.2		9.7	9.8		8.0	8.0	
27-Feb-08	Cloudy	Moderate	15:19	Surface	1	14.7	14.7	7.4	7.4	33.0	33.0	94.5	94.6	7.6	7.6	7.6	4.6	4.6	5.1	11.0	11.0	13.7
				Middle	5	14.5	14.5	7.4	7.4	33.1	33.1	92.8	92.8	7.6	7.6		5.4	5.4		14.0	14.0	
				Bottom	9	14.4	14.4	7.3	7.3	33.3	33.3	95.4	95.4	7.6	7.6		5.2	5.2		16.0	16.0	

Remarks: The reporting limit for laboratory analysis of suspended solids is 2.5 mg/L. For the results below the reporting limit, the SS level will be taken as 2.5 mg/L.

Remarks: \* DA: Depth-Averaged  
 \*\* Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher  
 \*\*\* Cancelled due to Thunderstorm Warning

### Water Quality Monitoring Results at Intake A - Mid-Flood Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Water Temperature (°C)		pH		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity(NTU)			Suspended Solids (mg/L)		
						Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
30-Jan-08	Sunny	Moderate	10:46	Surface	1	13.9 13.9	13.9	7.4 7.4	7.4	33.2 33.1	33.2	91.2 91.0	91.1	6.2 6.2	6.2	6.2	4.5 5.1	4.8	5.1	15.0 15.0	15.0	10.0
				Middle	5	13.7 13.7	13.7	7.4 7.4	7.4	33.1 33.2	33.2	90.6 89.7	90.2	6.2 6.1	6.2		5.3 5.2	5.3		7.0 7.0	7.0	
				Bottom	9	13.7 13.7	13.7	7.4 7.4	7.4	32.9 32.9	32.9	89.7 89.2	89.5	6.1 6.1	6.1		5.3 5.1	5.2		8.0 8.0	8.0	
1-Feb-08	Sunny	Moderate	09:30	Surface	1	16.1 16.1	16.1	7.4 7.4	7.4	34.0 34.0	34.0	89.4 88.7	89.1	7.2 7.1	7.2	7.1	12.2 12.2	12.2	13.5	17.0 17.0	17.0	13.8
				Middle	5.5	16.1 16.1	16.1	7.4 7.4	7.4	34.0 34.0	34.0	87.4 87.0	87.2	7.0 7.0	7.0		13.6 13.8	13.7		18.0 18.0	18.0	
				Bottom	10	16.1 16.1	16.1	7.4 7.4	7.4	34.0 34.0	34.0	85.8 85.6	85.7	6.9 6.9	6.9		14.8 14.4	14.6		6.0 7.0	6.5	
4-Feb-08	Cloudy	Moderate	08:03	Surface	1	15.5 15.5	15.5	7.3 7.3	7.3	33.9 33.9	33.9	93.6 93.7	93.7	7.6 7.6	7.6	7.6	8.4 8.4	8.4	8.3	16.0 16.0	16.0	15.7
				Middle	5	15.5 15.5	15.5	7.3 7.3	7.3	33.9 33.9	33.9	93.7 93.6	93.7	7.6 7.6	7.6		8.7 8.2	8.5		20.0 20.0	20.0	
				Bottom	9	15.5 15.5	15.5	7.3 7.3	7.3	33.9 33.9	33.9	93.7 93.6	93.7	7.6 7.6	7.6		7.9 7.9	7.9		11.0 11.0	11.0	
6-Feb-08	Rainy	Rough	07:44	Surface	1	15.2 15.2	15.2	7.5 7.5	7.5	33.2 33.1	33.2	91.2 91.0	91.1	6.2 6.2	6.2	6.2	6.1 6.2	6.2	6.2	10.0 10.0	10.0	8.7
				Middle	5	15.3 15.3	15.3	7.4 7.4	7.4	33.1 33.2	33.2	90.6 89.7	90.2	6.2 6.1	6.2		6.5 6.3	6.4		17.0 17.0	17.0	
				Bottom	9	15.2 15.2	15.2	7.5 7.5	7.5	32.9 32.9	32.9	89.7 89.2	89.5	6.1 6.1	6.1		5.9 6.0	6.0		11.0 11.0	11.0	
11-Feb-08	Cloudy	Moderate	09:30	Surface	1	14.9 14.9	14.9	7.3 7.3	7.3	32.8 32.9	32.9	102.1 102.3	102.2	6.9 6.9	6.9	6.9	3.6 4.1	3.9	5.3	13.0 13.0	13.0	12.0
				Middle	5	14.7 14.7	14.7	7.3 7.3	7.3	32.9 32.9	32.9	101.2 101.1	101.2	6.8 6.8	6.8		6.1 5.1	5.6		11.0 11.0	11.0	
				Bottom	9	14.7 14.7	14.7	7.3 7.3	7.3	32.9 32.9	32.9	89.1 89.1	89.1	6.0 6.0	6.0		6.5 6.3	6.4		12.0 12.0	12.0	
13-Feb-08	Fine	Rough	10:25	Surface	1	14.9 14.9	14.9	7.4 7.4	7.4	32.8 32.9	32.9	109.9 109.9	109.9	7.4 7.4	7.4	7.2	4.7 4.8	4.8	5.6	7.0 8.0	7.5	9.8
				Middle	5	14.7 14.7	14.7	7.3 7.3	7.3	32.9 32.9	32.9	102.8 102.5	102.7	7.0 7.0	7.0		5.6 5.4	5.5		8.0 8.0	8.0	
				Bottom	9	14.7 14.7	14.7	7.4 7.4	7.4	32.9 32.9	32.9	100.2 98.7	99.5	6.8 6.7	6.8		6.4 6.6	6.5		14.0 14.0	14.0	
15-Feb-08	Fine	Rough	11:30	Surface	1	16.1 16.1	16.1	7.3 7.3	7.3	33.1 33.2	33.2	90.2 89.4	89.8	7.2 7.2	7.2	7.1	4.4 4.6	4.5	5.0	9.0 9.0	9.0	7.2
				Middle	5	16.1 16.1	16.1	7.3 7.3	7.3	33.0 33.0	33.0	87.0 86.6	86.8	7.0 6.9	7.0		4.5 4.6	4.6		7.0 7.0	7.0	
				Bottom	9	16.1 16.1	16.1	7.3 7.3	7.3	32.9 32.9	32.9	85.8 85.6	85.7	6.9 6.9	6.9		5.9 5.8	5.9		5.0 6.0	5.5	
18-Feb-08	Sunny	Moderate	15:32	Surface	1	16.1 16.1	16.1	7.4 7.4	7.4	32.9 32.9	32.9	93.9 93.7	93.8	7.4 7.3	7.4	7.3	6.1 6.2	6.2	6.2	14.0 14.0	14.0	10.8
				Middle	5	16.1 16.1	16.1	7.4 7.4	7.4	32.9 32.9	32.9	91.2 91.5	91.4	7.1 7.1	7.1		6.5 6.3	6.4		13.0 13.0	13.0	
				Bottom	9	16.1 16.1	16.1	7.4 7.4	7.4	32.9 32.9	32.9	91.9 91.7	91.8	7.2 7.2	7.2		5.9 6.0	6.0		6.0 5.0	5.5	
20-Feb-08	Sunny	Moderate	17:29	Surface	1	18.1 18.1	18.1	7.4 7.4	7.4	33.4 33.4	33.4	93.9 92.4	93.2	6.4 6.3	6.4	6.3	5.4 5.4	5.4	5.6	14.0 14.0	14.0	9.3
				Middle	5	18.1 18.1	18.1	7.3 7.3	7.3	33.4 33.5	33.5	90.6 89.7	90.2	6.2 6.1	6.2		5.8 5.7	5.8		6.0 6.0	6.0	
				Bottom	9	18.0 18.1	18.1	7.4 7.4	7.4	33.4 33.4	33.4	89.7 89.2	89.5	6.1 6.1	6.1		5.4 5.6	5.5		8.0 8.0	8.0	
22-Feb-08	Rainy	Rough	09:13	Surface	1	19.5 19.5	19.5	7.3 7.4	7.4	32.9 32.9	32.9	95.4 95.4	95.4	6.4 6.4	6.4	6.4	5.2 5.2	5.2	5.5	16.0 16.0	16.0	10.5
				Middle	6	19.6 19.6	19.6	7.4 7.4	7.4	32.9 32.9	32.9	93.6 93.7	93.7	6.3 6.3	6.3		5.0 5.3	5.2		8.0 8.0	8.0	
				Bottom	11	19.6 19.6	19.6	7.4 7.4	7.4	32.9 32.9	32.9	92.3 92.3	92.3	6.2 6.2	6.2		6.1 6.2	6.2		7.0 8.0	7.5	
25-Feb-08	Cloudy	Moderate	08:33	Surface	1	19.6 19.6	19.6	7.4 7.4	7.4	33.0 33.0	33.0	97.4 97.4	97.4	7.3 7.4	7.4	7.4	9.2 9.2	9.2	9.3	19.0 19.0	19.0	14.3
				Middle	5.5	19.6 19.5	19.6	7.4 7.4	7.4	33.0 33.0	33.0	96.2 95.9	96.1	7.3 7.2	7.3		9.1 9.3	9.2		16.0 16.0	16.0	
				Bottom	10	19.5 19.5	19.5	7.4 7.4	7.4	33.0 33.1	33.1	96.5 96.7	96.6	7.3 7.3	7.3		9.2 10.0	9.6		8.0 8.0	8.0	
27-Feb-08	Cloudy	Moderate	09:07	Surface	1	14.7 14.7	14.7	7.3 7.3	7.3	32.7 32.7	32.7	91.1 90.9	91.0	7.6 7.6	7.6	7.6	4.4 4.3	4.4	4.9	8.0 8.0	8.0	9.5
				Middle	5	14.7 14.7	14.7	7.4 7.4	7.4	32.7 32.7	32.7	90.9 90.7	90.8	7.5 7.5	7.5		4.9 4.8	4.9		13.0 13.0	13.0	
				Bottom	9	14.6 14.6	14.6	7.4 7.4	7.4	32.8 32.7	32.8	90.6 90.3	90.5	7.5 7.5	7.5		5.4 5.5	5.5		7.0 8.0	7.5	

Remarks: The reporting limit for laboratory analysis of suspended solids is 2.5 mg/L. For the results below the reporting limit, the SS level will be taken as 2.5 mg/L.

Remarks: \* DA: Depth-Averaged  
 \*\* Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher  
 \*\*\* Cancelled due to Thunderstorm Warning

### Water Quality Monitoring Results at Intake B - Mid-Ebb Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Water Temperature (°C)		pH		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity(NTU)			Suspended Solids (mg/L)		
						Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*
30-Jan-08	Sunny	Moderate	18:26	Surface	1	13.9 14.0	14.0	7.4 7.4	7.4	33.0 33.0	33.0	104.9 104.5	104.7	7.1 7.1	7.1	7.1	3.4 3.4	3.4	4.0	9.0 9.0	9.0	9.3
				Middle	6	13.9 13.9	13.9	7.4 7.4	7.4	32.9 32.9	32.9	104.0 103.8	103.9	7.1 7.1	7.1		3.6 3.6	3.6		8.0 8.0	8.0	
				Bottom	11	13.9 13.8	13.9	7.3 7.3	7.3	32.9 32.9	32.9	103.3 102.6	103.0	7.0 7.0	7.0		5.1 5.1	5.1		11.0 11.0	11.0	
1-Feb-08	Sunny	Moderate	17:59	Surface	1	16.1 16.1	16.1	7.4 7.4	7.4	34.0 34.0	34.0	95.9 95.7	95.8	7.7 7.7	7.7	7.7	10.9 11.0	11.0	10.7	16.0 16.0	16.0	15.7
				Middle	6	16.1 16.1	16.1	7.4 7.4	7.4	34.0 34.0	34.0	95.7 95.7	95.7	7.7 7.7	7.7		11.1 11.1	11.1		19.0 19.0	19.0	
				Bottom	11	16.1 16.1	16.1	7.3 7.3	7.3	34.0 34.0	34.0	95.7 95.6	95.7	7.7 7.7	7.7		9.7 10.0	9.9		12.0 12.0	12.0	
4-Feb-08	Cloudy	Moderate	11:39	Surface	1	15.4 15.4	15.4	7.3 7.3	7.3	33.9 33.8	33.9	93.1 93.1	93.1	7.6 7.6	7.6	7.6	9.7 9.1	9.4	9.6	19.0 19.0	19.0	15.7
				Middle	6	15.4 15.5	15.5	7.3 7.3	7.3	33.9 33.9	33.9	93.1 93.0	93.1	7.6 7.6	7.6		8.8 9.2	9.0		10.0 10.0	10.0	
				Bottom	11	15.5 15.5	15.5	7.2 7.2	7.2	33.9 33.9	33.9	92.8 92.6	92.7	7.5 7.5	7.5		10.4 10.1	10.3		18.0 18.0	18.0	
6-Feb-08	Rainy	Rough	12:35	Surface	1	15.2 15.2	15.2	7.6 7.6	7.6	33.0 33.0	33.0	100.4 99.1	99.8	6.8 6.7	6.8	6.8	6.3 6.2	6.3	6.5	5.0 5.0	5.0	9.0
				Middle	6	15.2 15.2	15.2	7.6 7.6	7.6	33.1 33.1	33.1	98.5 97.9	98.2	6.7 6.6	6.7		6.2 6.2	6.2		17.0 17.0	17.0	
				Bottom	11	15.0 15.1	15.1	7.5 7.5	7.5	33.1 33.1	33.1	97.7 96.8	97.3	6.6 6.5	6.6		6.8 7.1	7.0		5.0 5.0	5.0	
11-Feb-08	Cloudy	Moderate	15:26	Surface	1	14.9 15.0	15.0	7.3 7.3	7.3	32.9 32.9	32.9	111.0 105.5	108.3	7.5 7.5	7.5	7.2	5.2 4.5	4.9	4.0	17.0 17.0	17.0	9.2
				Middle	5.5	14.9 14.9	14.9	7.3 7.3	7.3	32.9 32.9	32.9	101.8 101.4	101.6	6.9 6.9	6.9		3.4 3.4	3.4		7.0 7.0	7.0	
				Bottom	10	14.9 14.8	14.9	7.2 7.3	7.3	32.9 32.9	32.9	98.7 96.9	97.8	6.7 6.6	6.7		3.6 3.6	3.6		3.0 4.0	3.5	
13-Feb-08	Fine	Rough	16:58	Surface	1	14.9 15.0	15.0	7.4 7.4	7.4	32.9 32.9	32.9	98.0 97.6	97.8	6.7 6.6	6.7	6.7	7.5 7.6	7.6	6.9	4.0 4.0	4.0	10.7
				Middle	6	14.9 14.9	14.9	7.4 7.4	7.4	32.9 32.9	32.9	96.9 96.6	96.8	6.6 6.6	6.6		6.6 6.5	6.6		9.0 9.0	9.0	
				Bottom	11	14.9 14.8	14.9	7.3 7.3	7.3	32.9 32.9	32.9	95.9 95.8	95.9	6.5 6.5	6.5		6.5 6.6	6.6		19.0 19.0	19.0	
15-Feb-08	Fine	Rough	17:49	Surface	1	16.1 16.1	16.1	7.3 7.3	7.3	33.1 33.2	33.2	77.5 77.2	77.4	6.2 6.2	6.2	6.2	5.3 5.2	5.3	5.2	13.0 13.0	13.0	9.3
				Middle	6	16.1 16.1	16.1	7.3 7.3	7.3	32.9 32.9	32.9	76.8 76.7	76.8	6.2 6.1	6.2		5.3 5.1	5.2		8.0 8.0	8.0	
				Bottom	11	16.1 16.1	16.1	7.2 7.2	7.2	33.0 33.0	33.0	76.6 76.5	76.6	6.1 6.1	6.1		4.6 5.5	5.1		7.0 7.0	7.0	
18-Feb-08	Sunny	Moderate	11:13	Surface	1	16.1 16.1	16.1	7.4 7.4	7.4	32.9 32.9	32.9	85.5 85.4	85.5	6.7 6.7	6.7	6.7	6.3 6.2	6.3	6.5	8.0 8.0	8.0	10.0
				Middle	6	16.1 16.1	16.1	7.4 7.4	7.4	32.9 32.9	32.9	84.6 84.3	84.5	6.6 6.6	6.6		6.2 6.2	6.2		11.0 11.0	11.0	
				Bottom	11	16.1 16.1	16.1	7.3 7.3	7.3	32.9 32.9	32.9	83.0 82.5	82.8	6.5 6.5	6.5		6.8 7.1	7.0		11.0 11.0	11.0	
20-Feb-08	Sunny	Moderate	13:51	Surface	1	18.1 18.1	18.1	7.4 7.4	7.4	33.4 33.4	33.4	95.3 94.9	95.1	6.5 6.5	6.5	6.5	4.6 4.3	4.5	4.9	9.0 9.0	9.0	11.0
				Middle	5.5	18.1 18.1	18.1	7.4 7.4	7.4	33.4 33.4	33.4	94.3 94.2	94.3	6.4 6.4	6.4		4.2 4.3	4.3		10.0 10.0	10.0	
				Bottom	10	18.1 18.1	18.1	7.2 7.3	7.3	33.4 33.4	33.4	94.0 94.0	94.0	6.4 6.4	6.4		5.7 6.3	6.0		14.0 14.0	14.0	
22-Feb-08	Rainy	Rough	13:55	Surface	1	19.6 19.6	19.6	7.4 7.4	7.4	32.9 32.9	32.9	91.6 91.1	91.4	6.2 6.2	6.2	6.2	5.3 5.1	5.2	5.1	8.0 8.0	8.0	9.7
				Middle	5.5	19.6 19.6	19.6	7.4 7.4	7.4	32.9 32.9	32.9	90.5 90.6	90.6	6.1 6.1	6.1		4.5 4.2	4.4		13.0 13.0	13.0	
				Bottom	10	19.6 19.6	19.6	7.3 7.3	7.3	32.9 32.9	32.9	92.2 93.9	93.1	6.2 6.3	6.3		5.5 5.7	5.6		8.0 8.0	8.0	
25-Feb-08	Cloudy	Moderate	15:32	Surface	1	19.6 19.6	19.6	7.4 7.4	7.4	33.0 33.0	33.0	93.8 93.8	93.8	7.1 7.1	7.1	7.1	9.3 9.3	9.3	9.4	18.0 18.0	18.0	13.0
				Middle	6	19.6 19.6	19.6	7.4 7.4	7.4	33.0 33.0	33.0	93.4 93.3	93.4	7.1 7.0	7.1		9.3 9.9	9.6		11.0 11.0	11.0	
				Bottom	11	19.6 19.6	19.6	7.3 7.3	7.3	33.0 33.0	33.0	93.8 94.1	94.0	7.1 7.1	7.1		9.5 9.3	9.4		10.0 10.0	10.0	
27-Feb-08	Cloudy	Moderate	15:52	Surface	1	14.6 14.6	14.6	7.3 7.3	7.3	33.2 33.1	33.2	98.6 97.6	98.1	7.7 7.6	7.7	7.6	3.8 3.9	3.9	4.6	8.0 8.0	8.0	10.3
				Middle	5.5	14.6 14.6	14.6	7.3 7.3	7.3	33.2 33.3	33.3	95.1 95.9	95.5	7.5 7.5	7.5		4.2 4.2	4.2		9.0 9.0	9.0	
				Bottom	10	14.5 14.5	14.5	7.4 7.4	7.4	33.4 33.4	33.4	95.5 95.4	95.5	7.3 7.3	7.3		5.7 5.7	5.7		14.0 14.0	14.0	

Remarks: The reporting limit for laboratory analysis of suspended solids is 2.5 mg/L. For the results below the reporting limit, the SS level will be taken as 2.5 mg/L.

Remarks: \* DA: Depth-Averaged  
 \*\* Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher  
 \*\*\* Cancelled due to Thunderstorm Warning

### Water Quality Monitoring Results at Intake B - Mid-Flood Tide

Date	Weather Condition	Sea Condition**	Sampling Time	Depth (m)		Water Temperature (°C)		pH		Salinity ppt		DO Saturation (%)		Dissolved Oxygen (mg/L)			Turbidity (NTU)			Suspended Solids (mg/L)					
						Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	Value	Average	DA*	Value	Average	DA*	Value	Average	DA*	
30-Jan-08	Sunny	Moderate	11:30	Surface	1	13.9 13.9	13.9	7.4 7.4	7.4	33.2 33.2	33.2	106.8 106.3	106.6	7.2 7.2	7.2	7.2	5.2 5.6	5.4	5.8	11.6 11.2	11.4	15.0	8.0 8.0	8.0	
				Middle	6	13.7 13.7	13.7	7.4 7.4	7.4	33.2 33.2	33.2	104.9 104.4	104.7	7.1 7.1	7.1		6.3 5.3	5.8		6.3 6.3	6.3		17.0 17.0	17.0	16.0 16.0
				Bottom	11	13.7 13.7	13.7	7.4 7.4	7.4	33.2 33.1	33.2	103.1 103.5	103.3	7.1 7.1	7.1		6.3 6.2	6.3		6.3 6.2	6.3		16.0 16.0	16.0	16.0 16.0
1-Feb-08	Sunny	Moderate	10:00	Surface	1	16.1 16.1	16.1	7.4 7.4	7.4	34.0 34.0	34.0	82.1 81.0	81.6	6.6 6.5	6.6	6.5	11.6 11.2	11.4	10.5	11.6 11.2	11.4	10.2	8.0 8.0	8.0	
				Middle	6	16.1 16.1	16.1	7.4 7.4	7.4	34.0 34.0	34.0	79.4 79.3	79.4	6.4 6.3	6.4		9.8 9.9	9.9		10.2 10.2	10.2		13.0 12.0	12.5	10.0 10.0
				Bottom	11	16.1 16.1	16.1	7.4 7.4	7.4	34.0 34.0	34.0	78.9 78.8	78.9	6.3 6.3	6.3		10.2 10.2	10.2		10.2 10.2	10.2		10.0 10.0	10.0	10.0 10.0
4-Feb-08	Cloudy	Moderate	07:33	Surface	1	15.5 15.5	15.5	7.3 7.3	7.3	33.9 33.9	33.9	96.7 96.4	96.6	7.9 7.8	7.9	7.8	7.9 7.3	7.6	7.3	7.9 7.3	7.6	14.2	17.0 17.0	17.0	
				Middle	6	15.5 15.5	15.5	7.3 7.3	7.3	33.9 33.9	33.9	95.0 95.0	95.0	7.7 7.7	7.7		6.3 6.5	6.4		6.3 6.5	6.4		19.0 19.0	19.0	19.0 19.0
				Bottom	11	15.5 15.5	15.5	7.3 7.3	7.3	33.9 33.9	33.9	94.8 94.7	94.8	7.7 7.7	7.7		7.9 7.6	7.8		7.9 7.6	7.8		6.0 7.0	6.5	6.0 7.0
6-Feb-08	Rainy	Rough	08:36	Surface	1	15.2 15.2	15.2	7.4 7.4	7.4	32.9 32.9	32.9	99.6 99.6	99.6	6.8 6.8	6.8	6.8	3.9 3.6	3.8	4.5	3.9 3.6	3.8	9.0	<2.5 <2.5	<2.5	
				Middle	6	15.2 15.3	15.3	7.4 7.4	7.4	33.0 33.0	33.0	98.4 98.1	98.3	6.7 6.7	6.7		4.7 4.8	4.8		<2.5 <2.5	<2.5		12.0 11.0	11.5	
				Bottom	11	15.3 15.2	15.3	7.5 7.5	7.5	32.9 32.9	32.9	96.8 96.8	96.8	6.6 6.6	6.6		4.8 4.7	4.8		12.0 11.0	11.5				
11-Feb-08	Cloudy	Moderate	10:00	Surface	1	14.9 14.9	14.9	7.2 7.2	7.2	32.9 32.9	32.9	101.8 101.4	101.6	6.9 6.9	6.9	6.8	5.2 5.6	5.4	5.8	5.2 5.6	5.4	12.2	10.0 11.0	10.5	
				Middle	6	14.7 14.7	14.7	7.3 7.3	7.3	32.9 32.9	32.9	98.7 96.9	97.8	6.7 6.6	6.7		6.3 5.3	5.8		6.3 6.2	6.3		12.0 12.0	12.0	14.0 14.0
				Bottom	11	14.7 14.7	14.7	7.3 7.3	7.3	32.9 32.9	32.9	84.1 85.3	84.7	5.7 5.8	5.8		6.3 6.2	6.3		6.3 6.2	6.3		14.0 14.0	14.0	
13-Feb-08	Fine	Rough	11:02	Surface	1	14.9 14.9	14.9	7.3 7.3	7.3	32.9 32.9	32.9	94.6 93.9	94.3	6.5 6.4	6.5	6.4	4.6 4.5	4.6	5.4	4.6 4.5	4.6	8.5	10.0 10.0	10.0	
				Middle	6	14.7 14.7	14.7	7.4 7.4	7.4	32.9 32.9	32.9	91.3 91.2	91.3	6.2 6.2	6.2		5.7 5.8	5.8		9.0 9.0	9.0		6.0 7.0	6.5	
				Bottom	11	14.7 14.7	14.7	7.4 7.4	7.4	32.9 32.9	32.9	90.6 90.6	90.6	6.2 6.2	6.2		5.8 5.9	5.9		5.8 7.0	5.9		6.0 7.0	6.5	
15-Feb-08	Fine	Rough	12:06	Surface	1	16.1 16.1	16.1	7.3 7.3	7.3	33.0 33.0	33.0	82.1 81.0	81.6	6.6 6.5	6.6	6.5	3.4 3.4	3.4	4.0	3.4 3.4	3.4	4.0	4.0 4.0	4.0	
				Middle	6	16.1 16.1	16.1	7.3 7.3	7.3	33.1 33.1	33.1	79.6 79.3	79.5	6.4 6.3	6.4		3.6 3.6	3.6		4.0 4.0	4.0		4.0 4.0	4.0	
				Bottom	11	16.1 16.1	16.1	7.3 7.3	7.3	33.1 33.1	33.1	78.8 78.8	78.8	6.3 6.3	6.3		5.1 5.1	5.1		4.0 4.0	4.0		4.0 4.0	4.0	
18-Feb-08	Sunny	Moderate	15:57	Surface	1	16.1 16.1	16.1	7.4 7.4	7.4	32.9 32.9	32.9	88.1 88.1	88.1	6.9 6.9	6.9	6.9	3.9 3.6	3.8	4.5	3.9 3.6	3.8	10.7	11.0 11.0	11.0	
				Middle	6	16.1 16.1	16.1	7.4 7.4	7.4	32.9 32.9	32.9	88.3 88.2	88.3	6.9 6.9	6.9		4.7 4.8	4.8		10.0 10.0	10.0		11.0 11.0		
				Bottom	11	16.1 16.1	16.1	7.4 7.4	7.4	32.9 32.9	32.9	87.9 87.8	87.9	6.9 6.9	6.9		4.8 4.7	4.8		11.0 11.0	11.0				
20-Feb-08	Sunny	Moderate	18:06	Surface	1	18.1 18.1	18.1	7.3 7.3	7.3	33.5 33.4	33.5	98.0 97.6	97.8	6.7 6.6	6.7	6.7	3.9 3.6	3.8	4.5	3.9 3.6	3.8	8.3	7.0 6.0	6.5	
				Middle	6	18.1 18.1	18.1	7.3 7.3	7.3	33.4 33.4	33.4	96.9 96.6	96.8	6.6 6.6	6.6		4.7 4.8	4.8		14.0 14.0	14.0		4.0 5.0	4.5	
				Bottom	11	18.1 18.1	18.1	7.4 7.4	7.4	33.4 33.4	33.4	95.9 95.8	95.9	6.5 6.5	6.5		4.8 4.7	4.8		4.0 5.0	4.5				
22-Feb-08	Rainy	Rough	09:04	Surface	1	19.5 19.5	19.5	7.4 7.4	7.4	32.9 32.9	32.9	90.6 90.3	90.5	6.1 6.1	6.1	6.0	5.5 5.6	5.6	5.5	5.5 5.6	5.6	16.3	15.0 15.0	15.0	
				Middle	4.5	19.6 19.6	19.6	7.4 7.4	7.4	32.9 32.9	32.9	87.8 87.8	87.8	5.9 5.9	5.9		5.4 5.1	5.3		14.0 14.0	14.0		20.0 20.0		
				Bottom	8	19.6 19.6	19.6	7.4 7.4	7.4	32.9 32.9	32.9	87.3 87.3	87.3	5.9 5.9	5.9		5.9 5.1	5.5		20.0 20.0	20.0				
25-Feb-08	Cloudy	Moderate	09:02	Surface	1	19.6 19.6	19.6	7.4 7.4	7.4	33.0 33.0	33.0	96.3 95.9	96.1	7.3 7.2	7.3	7.3	9.6 9.7	9.7	9.7	9.6 9.7	9.7	14.3	15.0 15.0	15.0	
				Middle	6	19.6 19.6	19.6	7.4 7.4	7.4	33.0 33.0	33.0	95.5 95.5	95.5	7.2 7.2	7.2		9.5 9.4	9.5		12.0 12.0	12.0		16.0 16.0		
				Bottom	11	19.5 19.5	19.5	7.4 7.4	7.4	33.0 33.1	33.1	96.1 96.1	96.1	7.3 7.3	7.3		10.0 9.8	9.9		16.0 16.0	16.0				
27-Feb-08	Cloudy	Moderate	09:34	Surface	1	14.6 14.6	14.6	7.4 7.4	7.4	38.1 32.8	35.5	97.9 97.8	97.9	8.1 8.1	8.1	8.1	4.0 4.1	4.1	4.8	4.0 4.1	4.1	14.0	14.0 14.0	14.0	
				Middle	6	14.6 14.6	14.6	7.4 7.4	7.4	32.8 32.8	32.8	97.7 97.7	97.7	8.1 8.1	8.1		5.3 5.1	5.2		10.0 10.0	10.0		18.0 18.0		
				Bottom	11	14.6 14.6	14.6	7.4 7.4	7.4	32.9 32.8	32.9	97.5 97.6	97.6	8.1 8.1	8.1		5.1 4.9	5.0		18.0 18.0	18.0				

Remarks: The reporting limit for laboratory analysis of suspended solids is 2.5 mg/L. For the results below the reporting limit, the SS level will be taken as 2.5 mg/L.

Remarks: \* DA: Depth-Averaged  
 \*\* Calm: Small or no wave; Moderate: Between calm and rough; Rough : White capped or rougher  
 \*\*\* Cancelled due to Thunderstorm Warning

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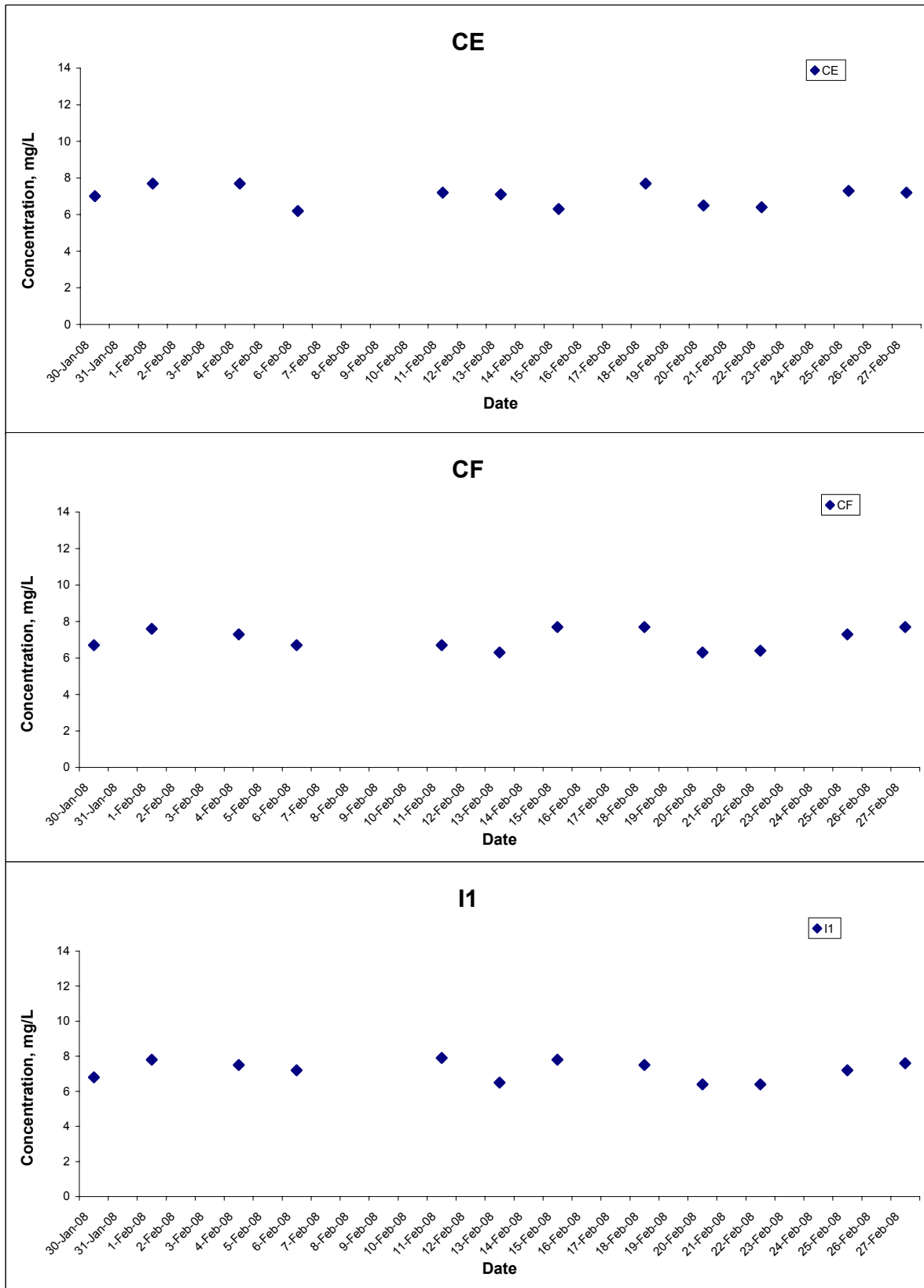
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**APPENDIX C4  
GRAPHICAL PRESENTATION OF  
BASELINE WATER QUALITY  
MONITORING DATA**

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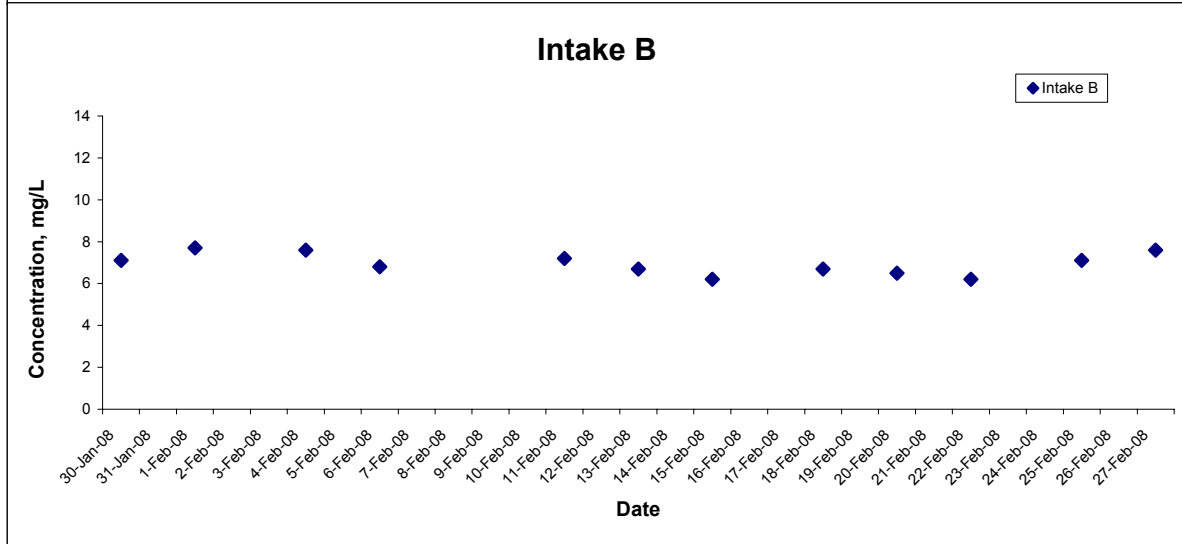
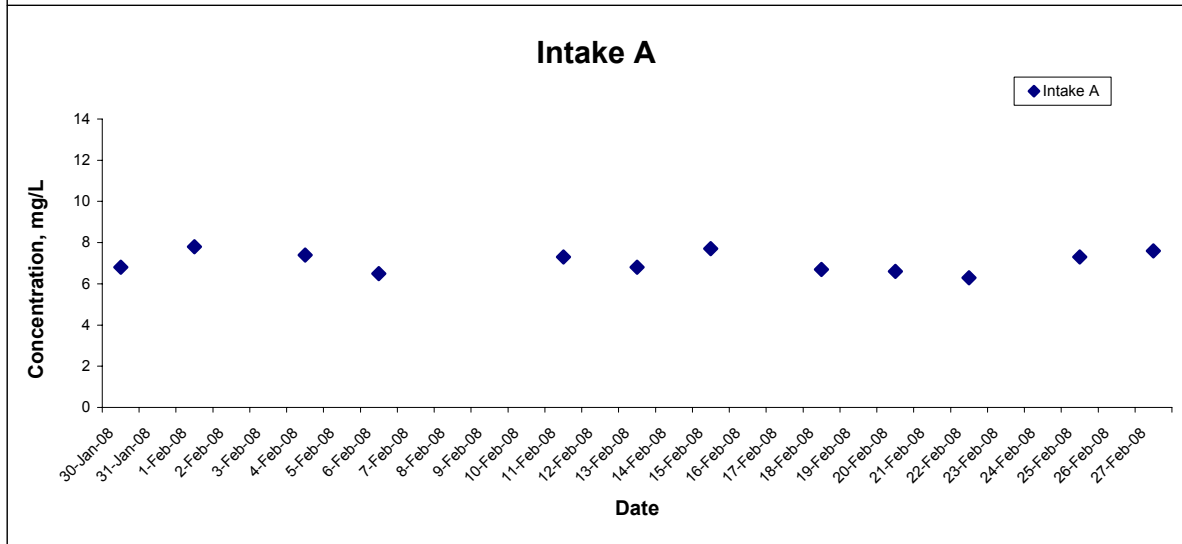
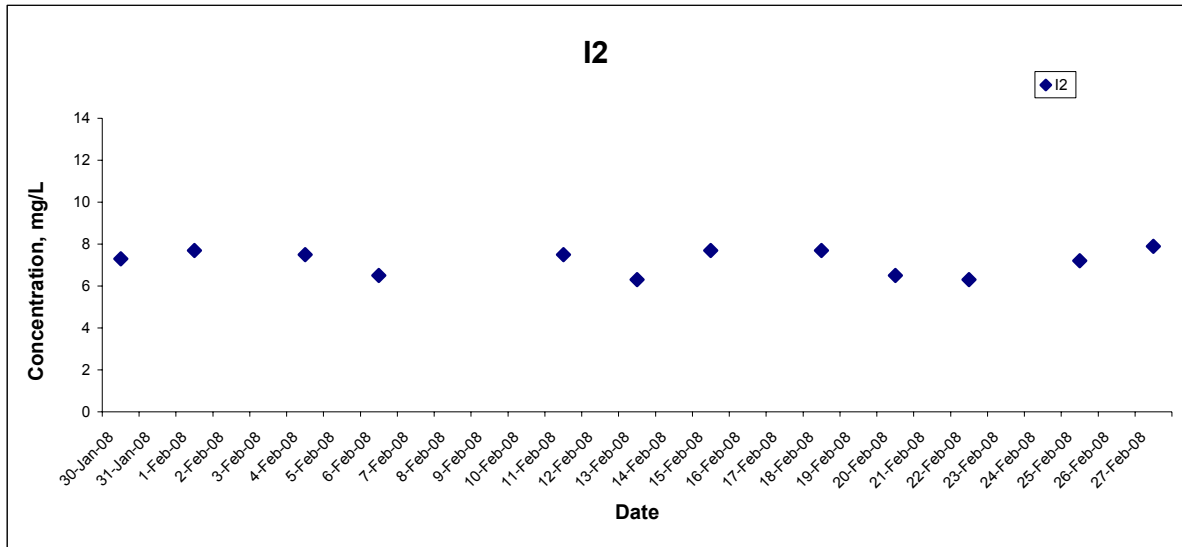
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## Dissolved Oxygen (Surface & Middle) at Mid-Ebb Tide



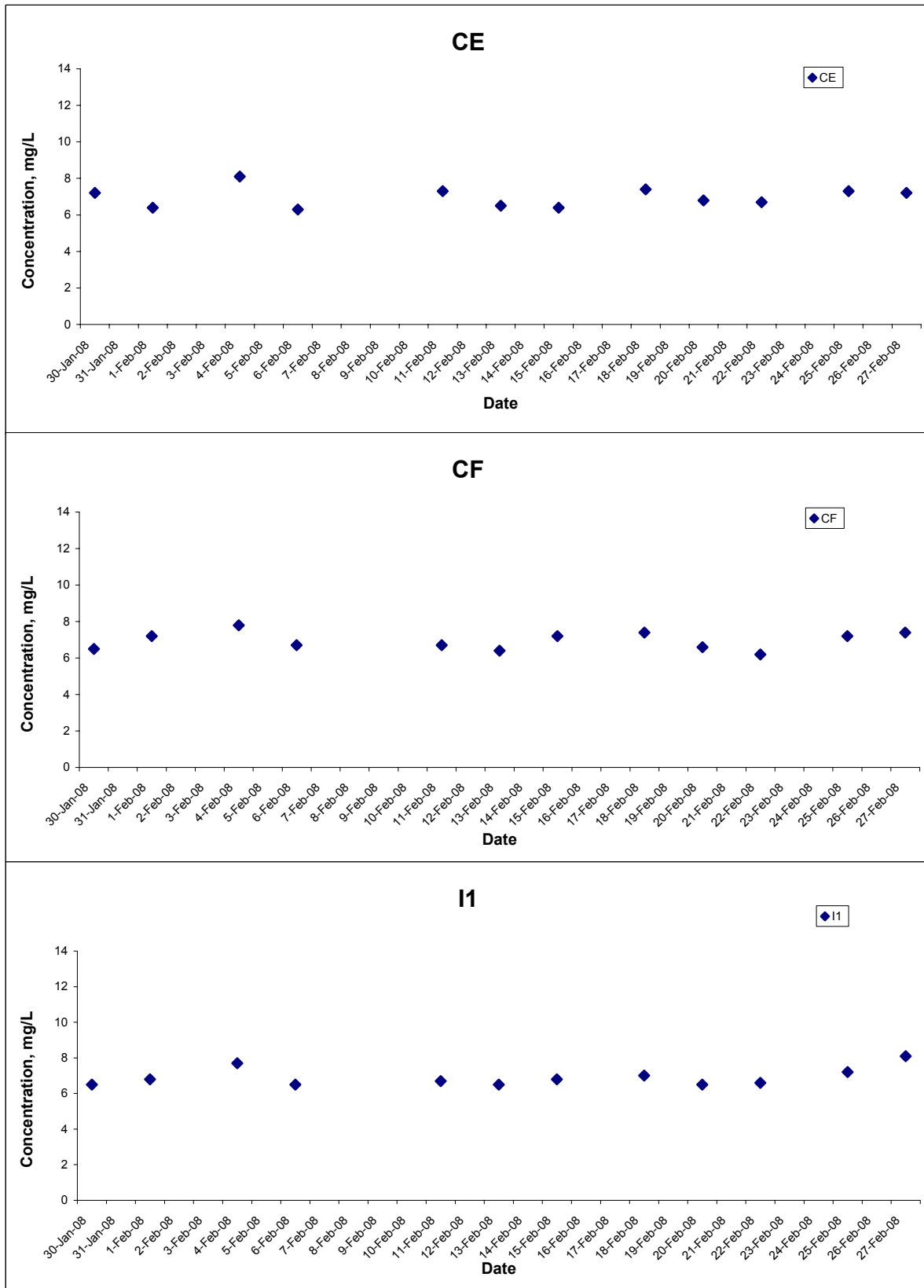
Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel Graphical Presentation of Baseline Water Quality Monitoring Results	Scale N.T.S	Project No. MA8001	CINOTECH
	Date Feb 08	Appendix C4	

## Dissolved Oxygen (Surface & Middle) at Mid-Ebb Tide



Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel Graphical Presentation of Baseline Water Quality Monitoring Results	Scale N.T.S	Project No. MA8001	
	Date Feb 08	Appendix C4	

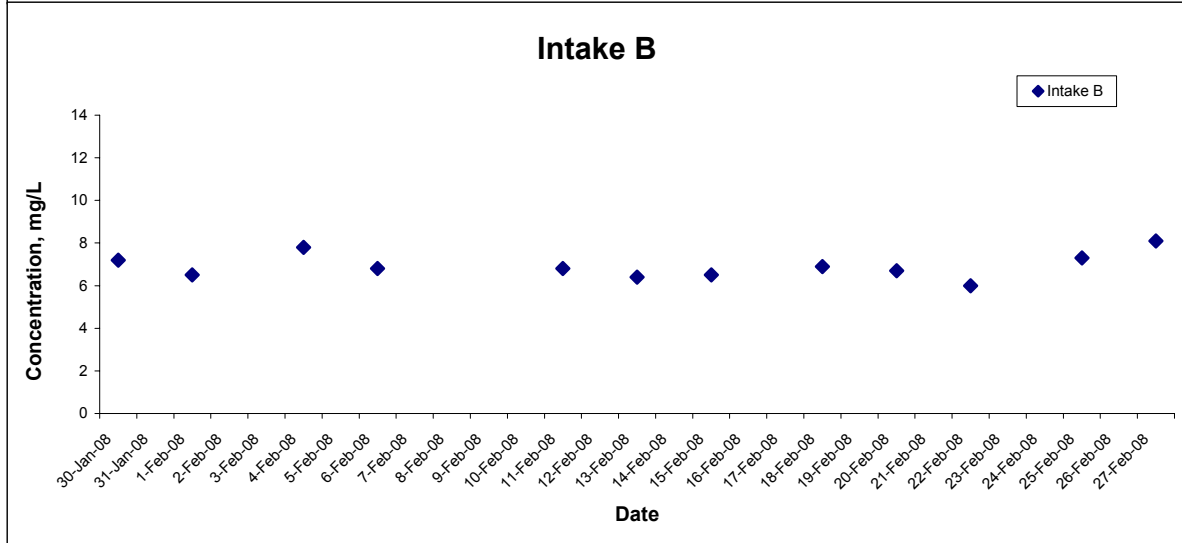
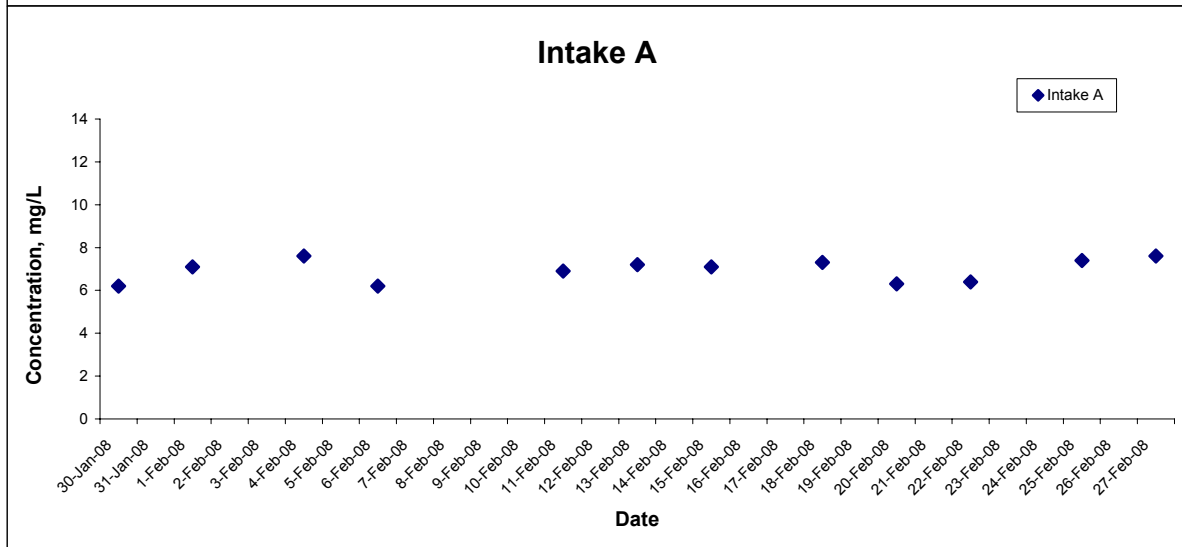
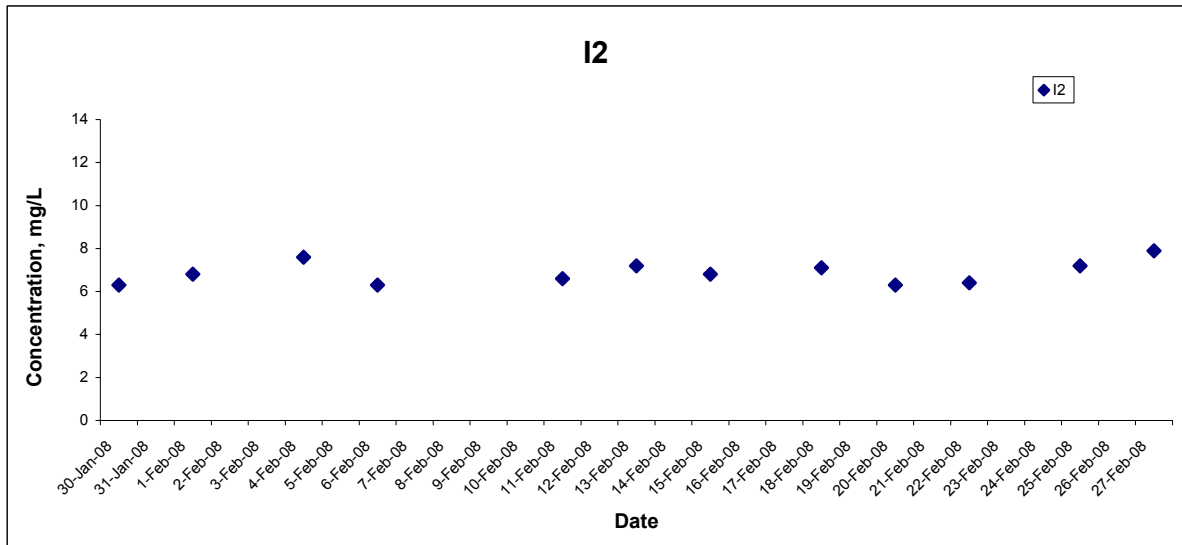
## Dissolved Oxygen (Surface & Middle) at Mid-Flood Tide



Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel Graphical Presentation of Baseline Water Quality Monitoring Results	Scale	N.T.S	Project No. MA8001	
	Date	Feb 08	Appendix C4	

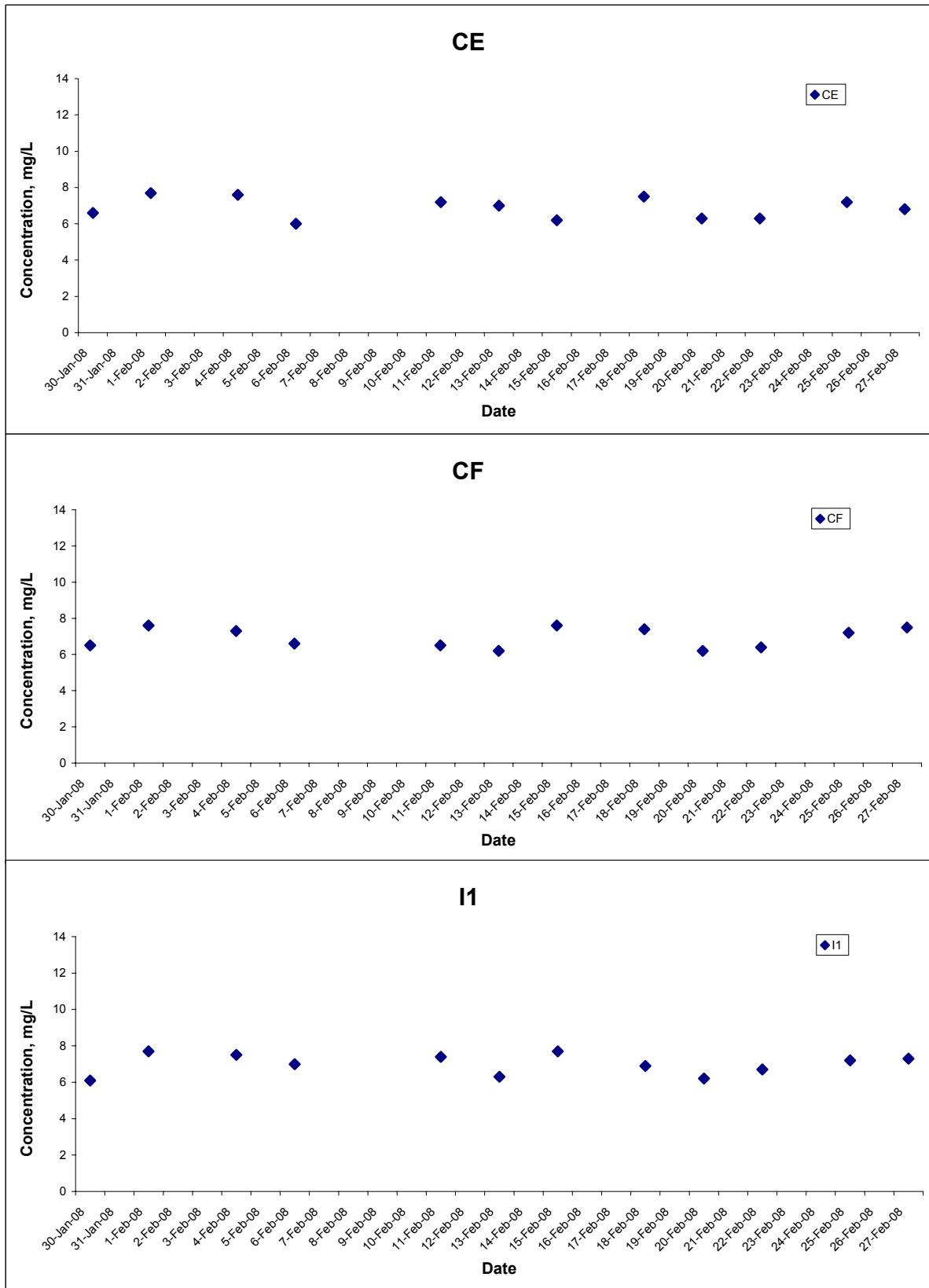


## Dissolved Oxygen (Surface & Middle) at Mid-Flood Tide



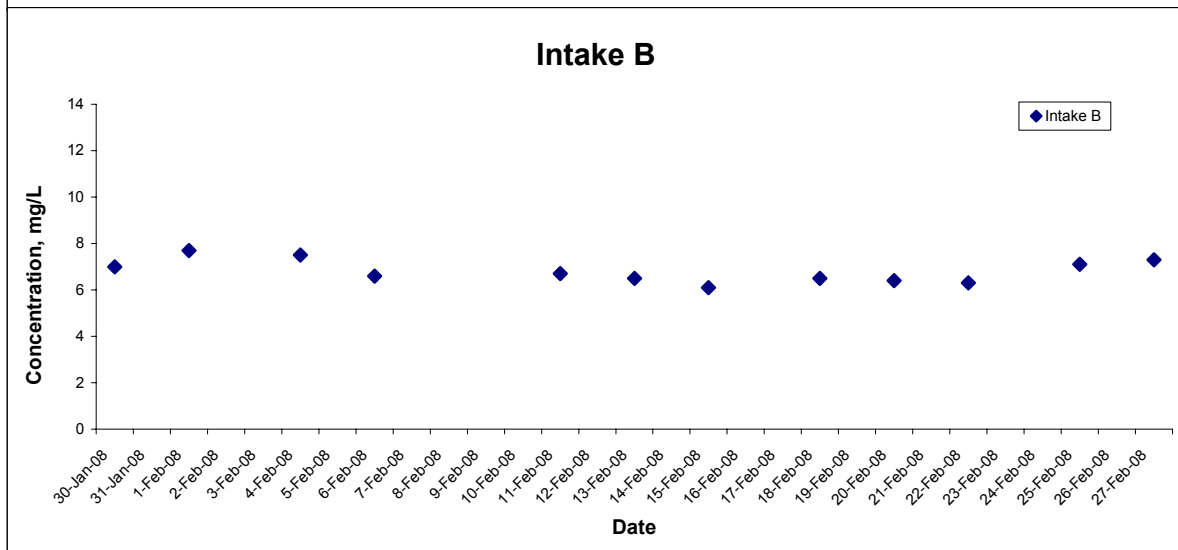
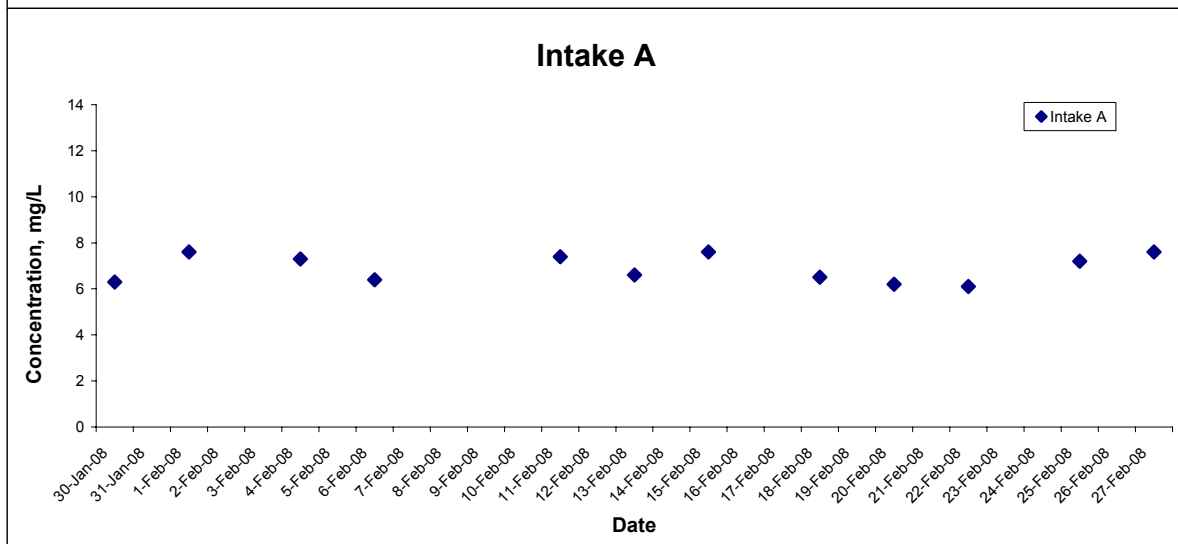
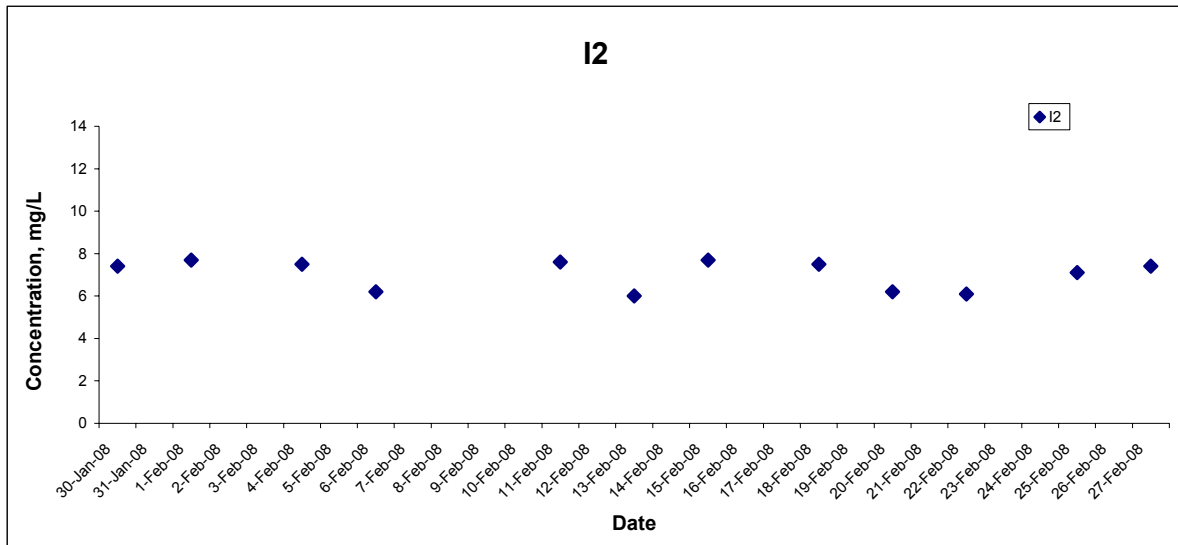
Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel Graphical Presentation of Baseline Water Quality Monitoring Results	Scale N.T.S	Project No. MA8001	
	Date Feb 08	Appendix C4	

## Dissolved Oxygen (Bottom) at Mid-Ebb Tide



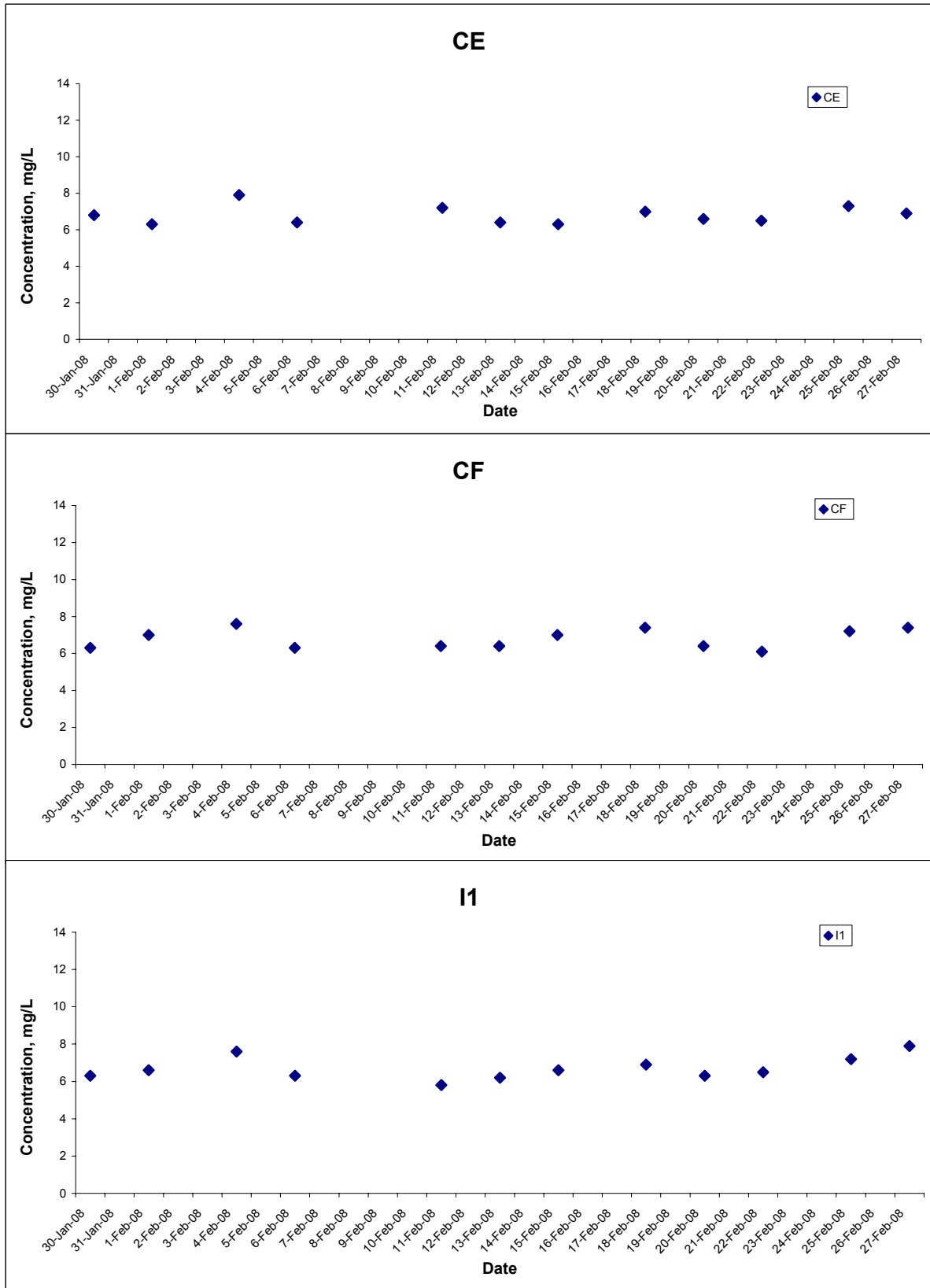
Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel Graphical Presentation of Baseline Water Quality Monitoring Results	Scale	N.T.S	Project No. MA8001	CINOTECH
	Date	Feb 08	Appendix C4	

## Dissolved Oxygen (Bottom) at Mid-Ebb Tide



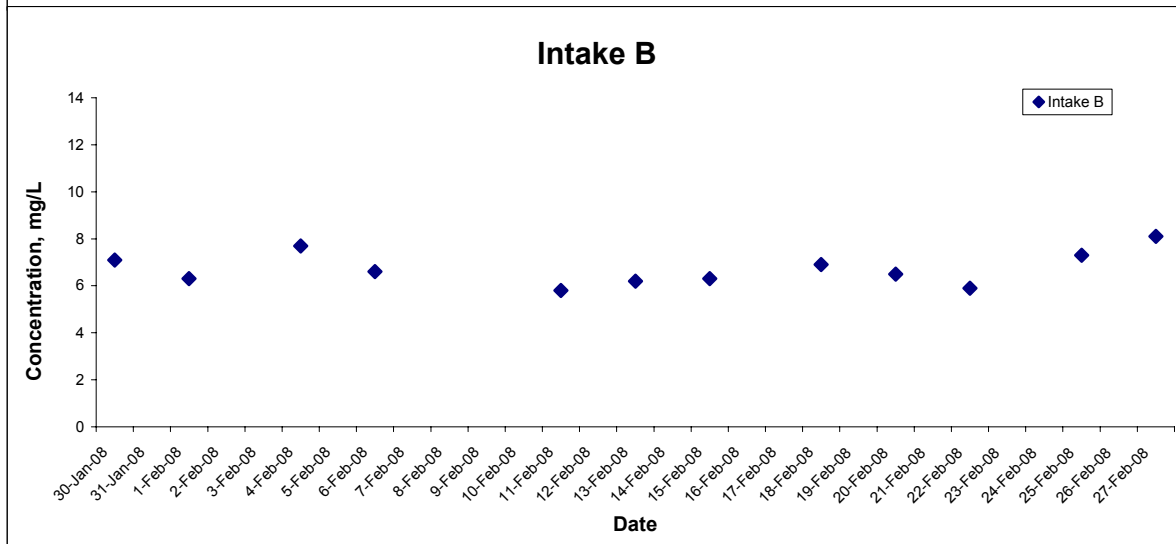
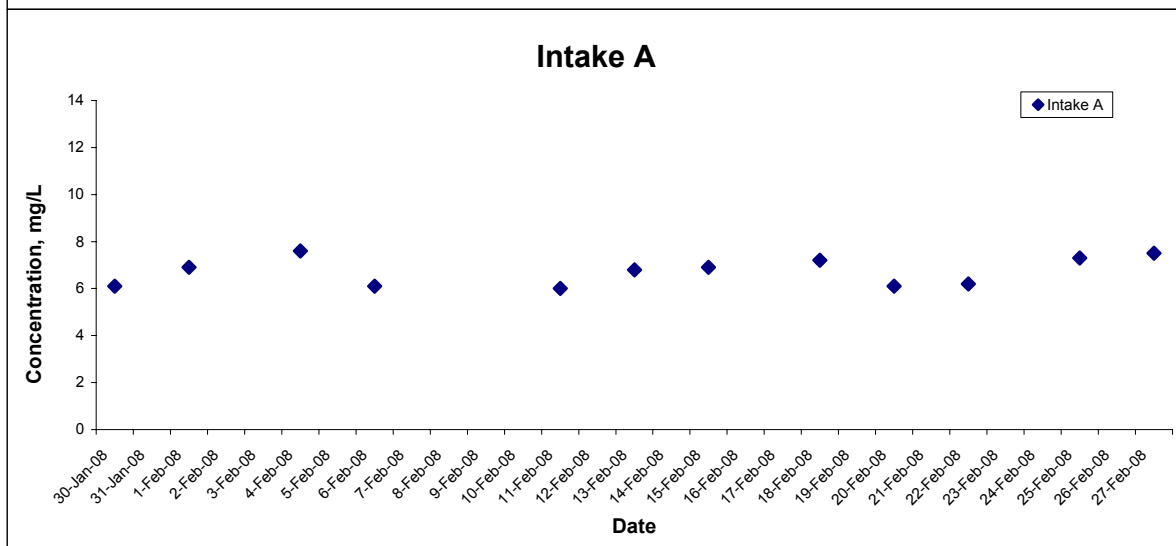
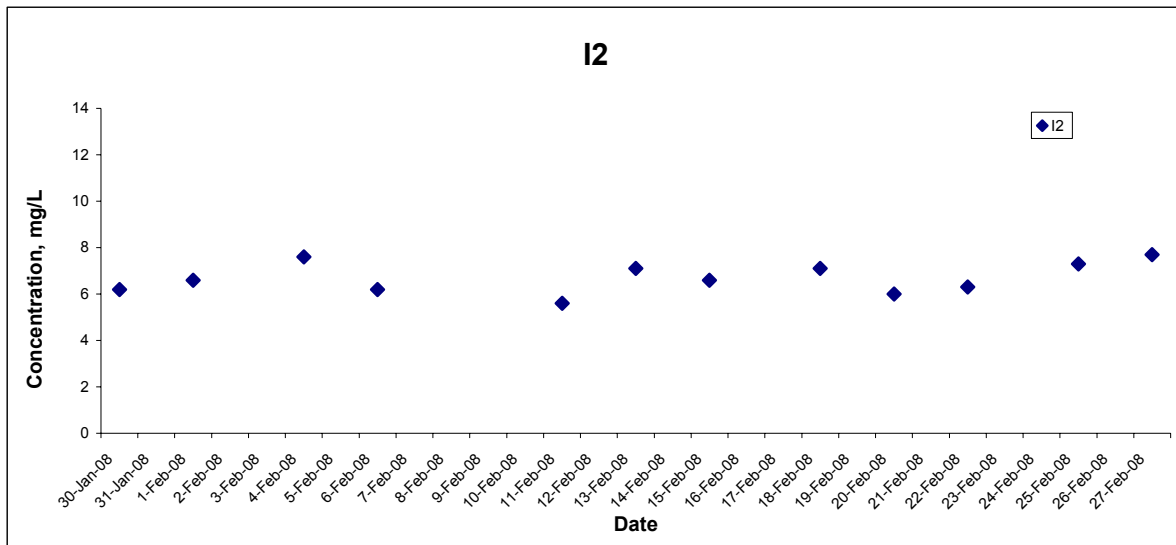
Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel Graphical Presentation of Baseline Water Quality Monitoring Results	Scale N.T.S	Project No. MA8001	
	Date Feb 08	Appendix C4	

## Dissolved Oxygen (Bottom) at Mid-Flood Tide



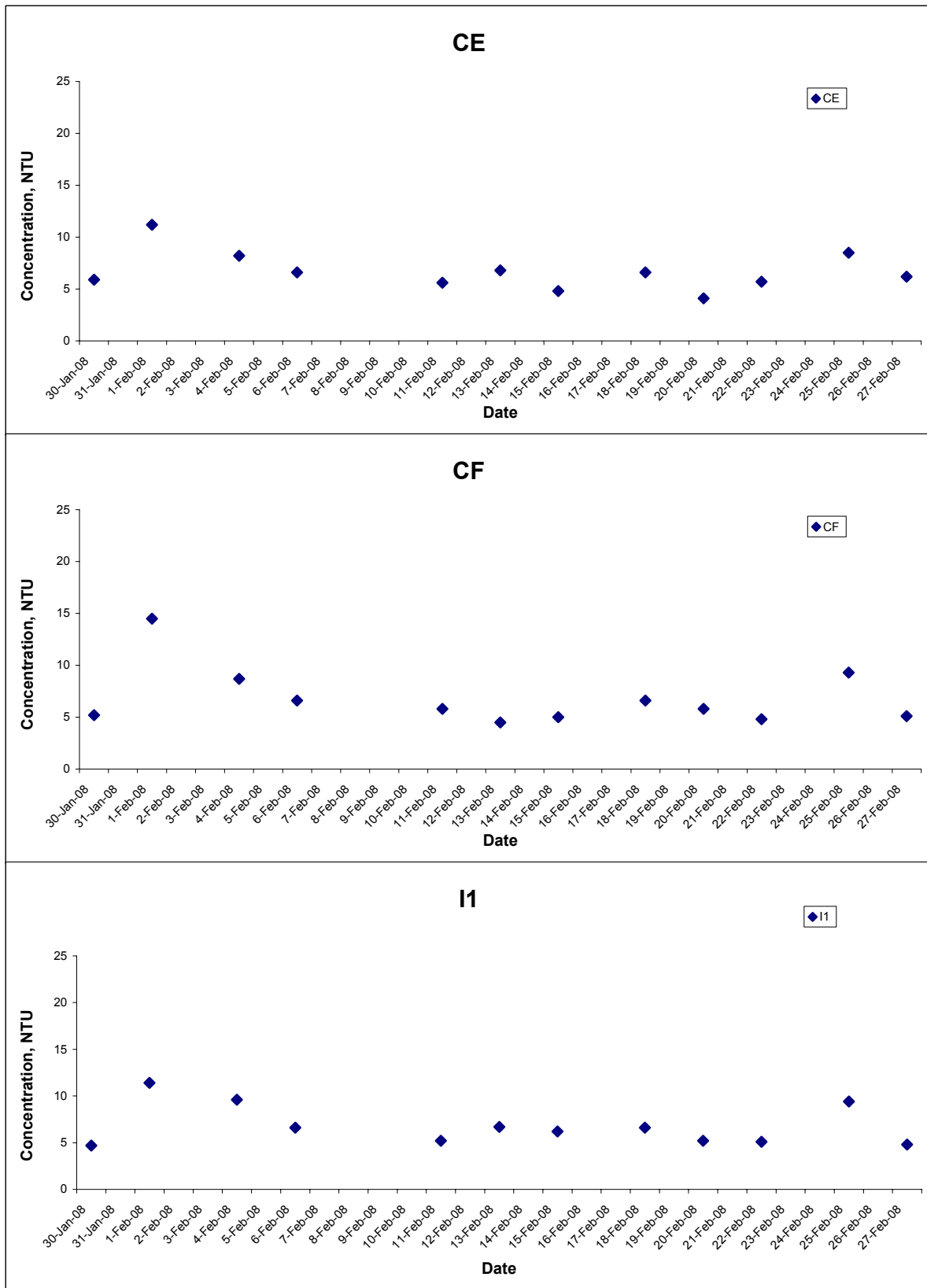
Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel Graphical Presentation of Baseline Water Quality Monitoring Results	Scale N.T.S	Project No. MA8001	
	Date Feb 08	Appendix C4	

## Dissolved Oxygen (Bottom) at Mid-Flood Tide



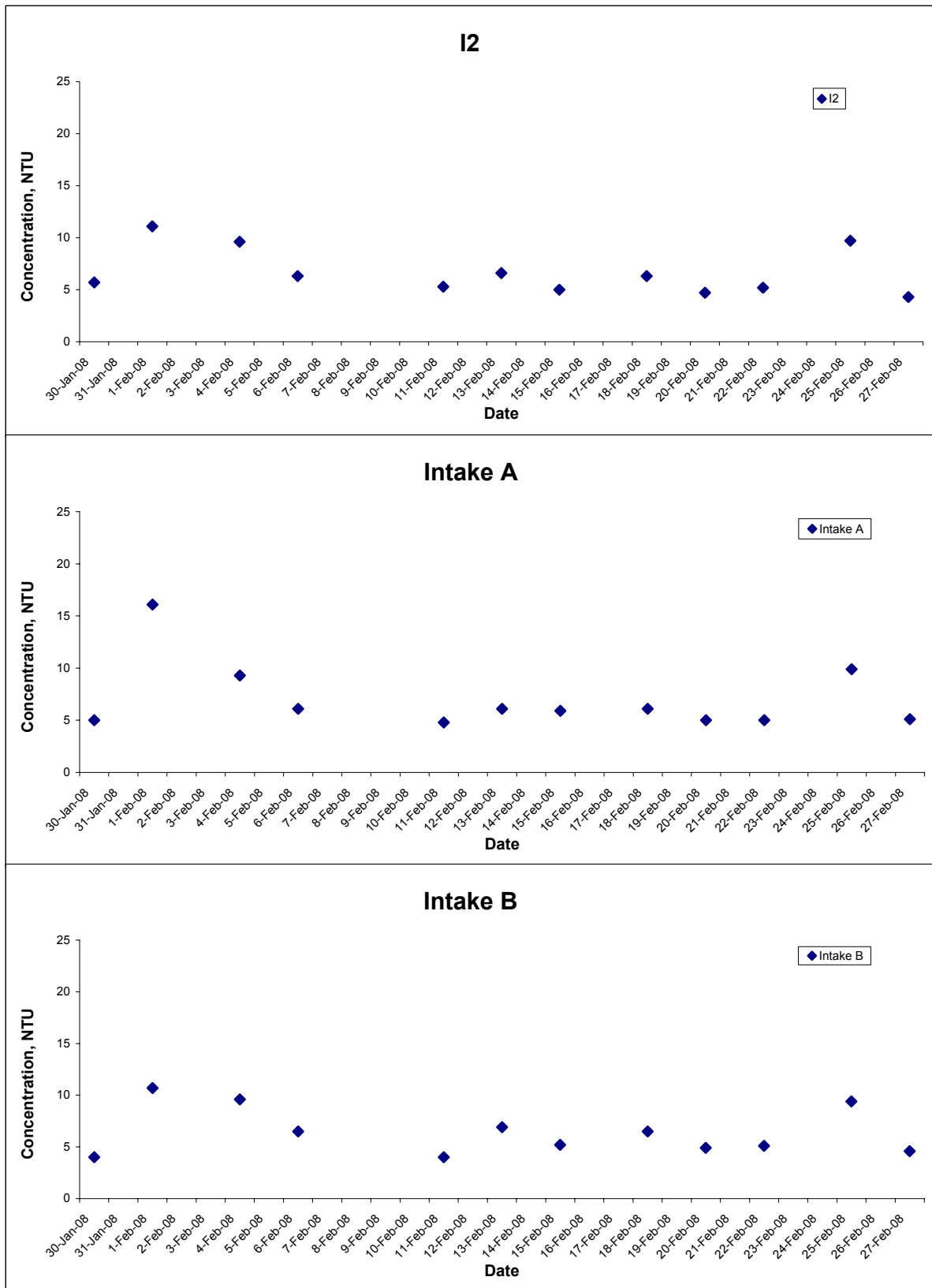
Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel Graphical Presentation of Baseline Water Quality Monitoring Results	Scale N.T.S	Project No. MA8001	
	Date Feb 08	Appendix C4	

## Turbidity (Depth-averaged) at Mid-Ebb Tide



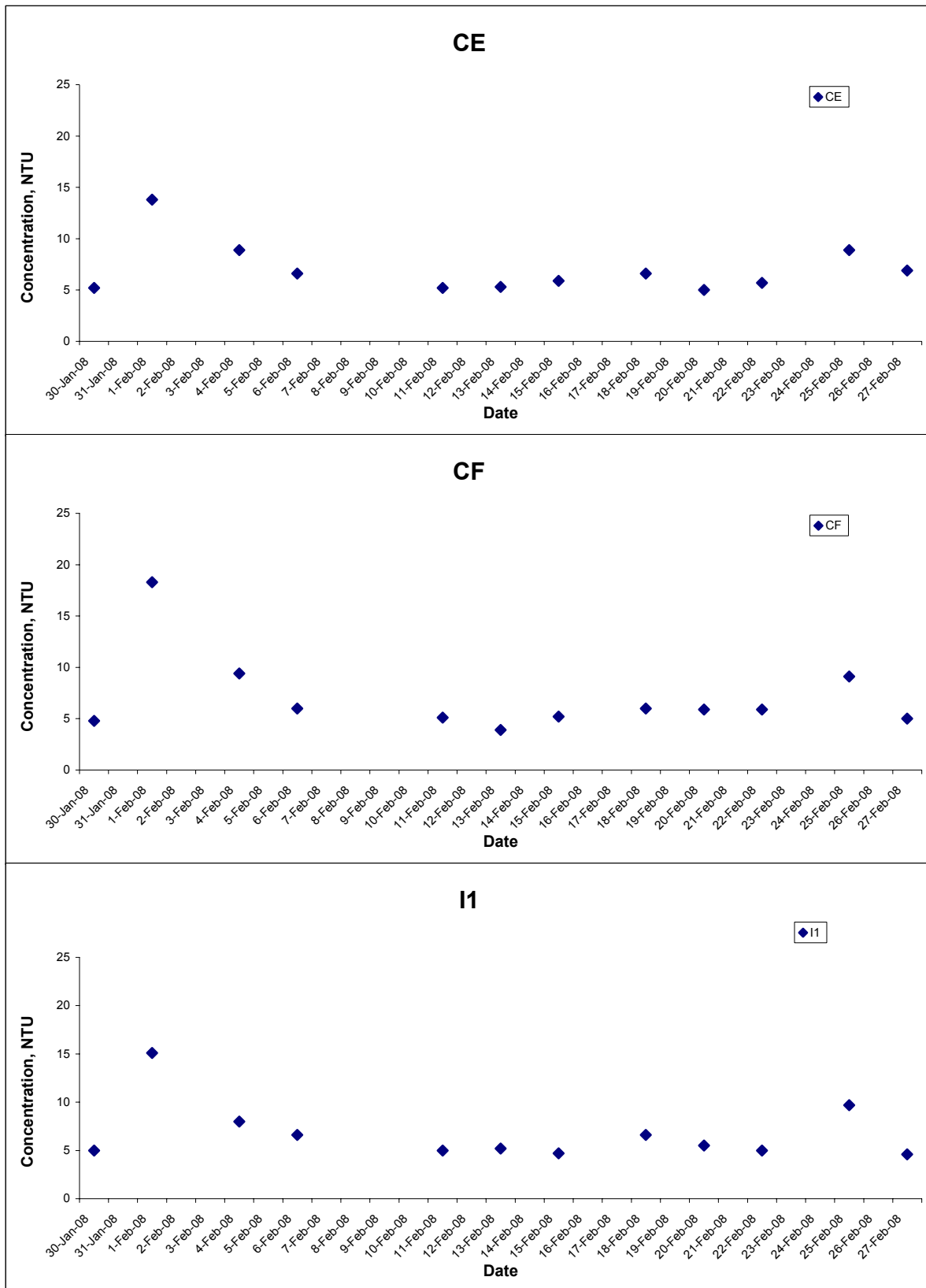
Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel  Graphical Presentation of Baseline Water Quality Monitoring Results	Scale N.T.S	Project No. MA8001	CINOTECH
	Date Feb 08	Appendix C4	

## Turbidity (Depth-averaged) at Mid-Ebb Tide



Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel Graphical Presentation of Baseline Water Quality Monitoring Results	Scale N.T.S	Project No. MA8001	<b>CINOTECH</b>
	Date Feb 08	Appendix C4	

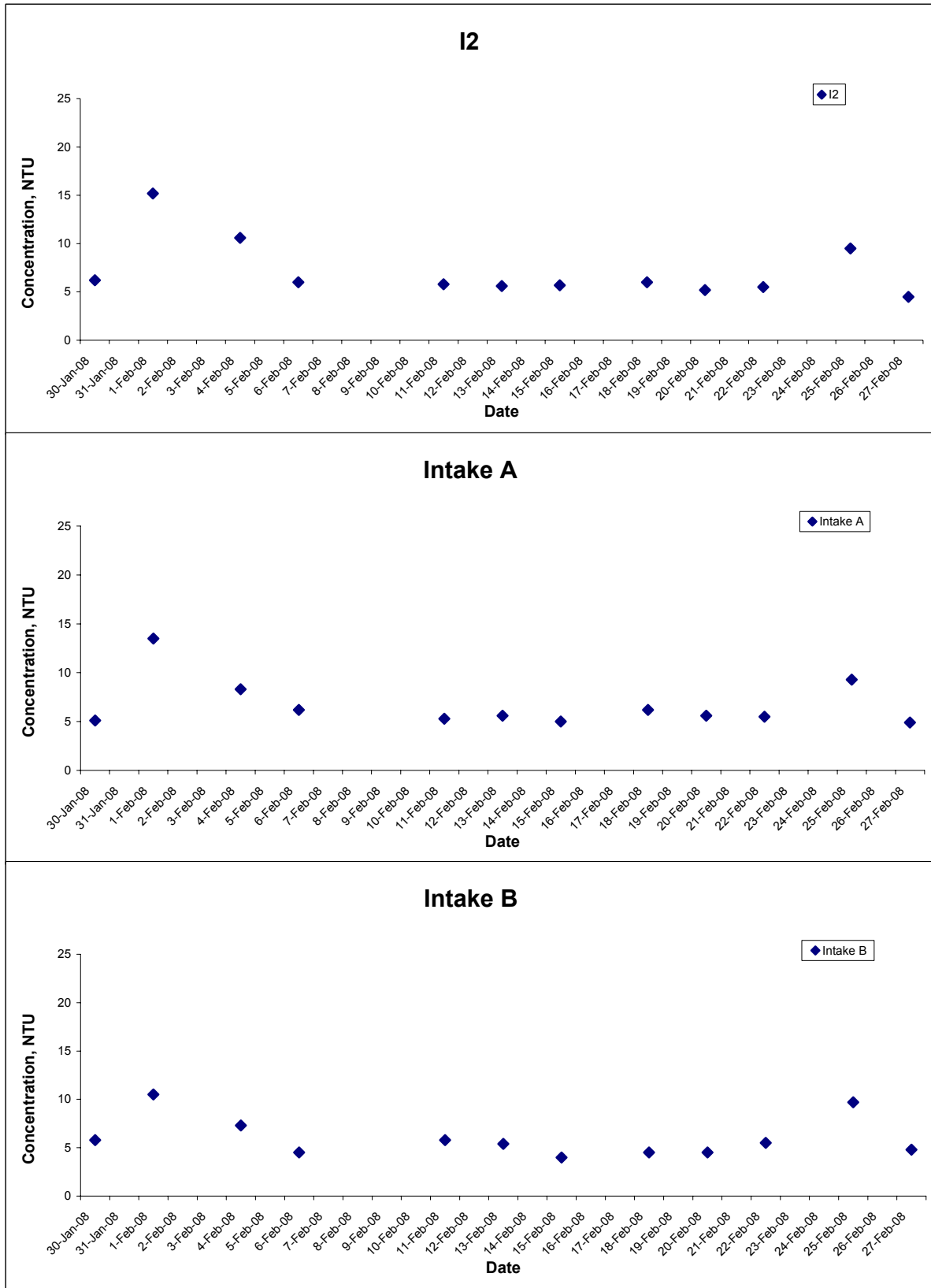
## Turbidity (Depth-averaged) at Mid-Flood Tide



Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel Graphical Presentation of Baseline Water Quality Monitoring Results	Scale N.T.S	Project No. MA8001	
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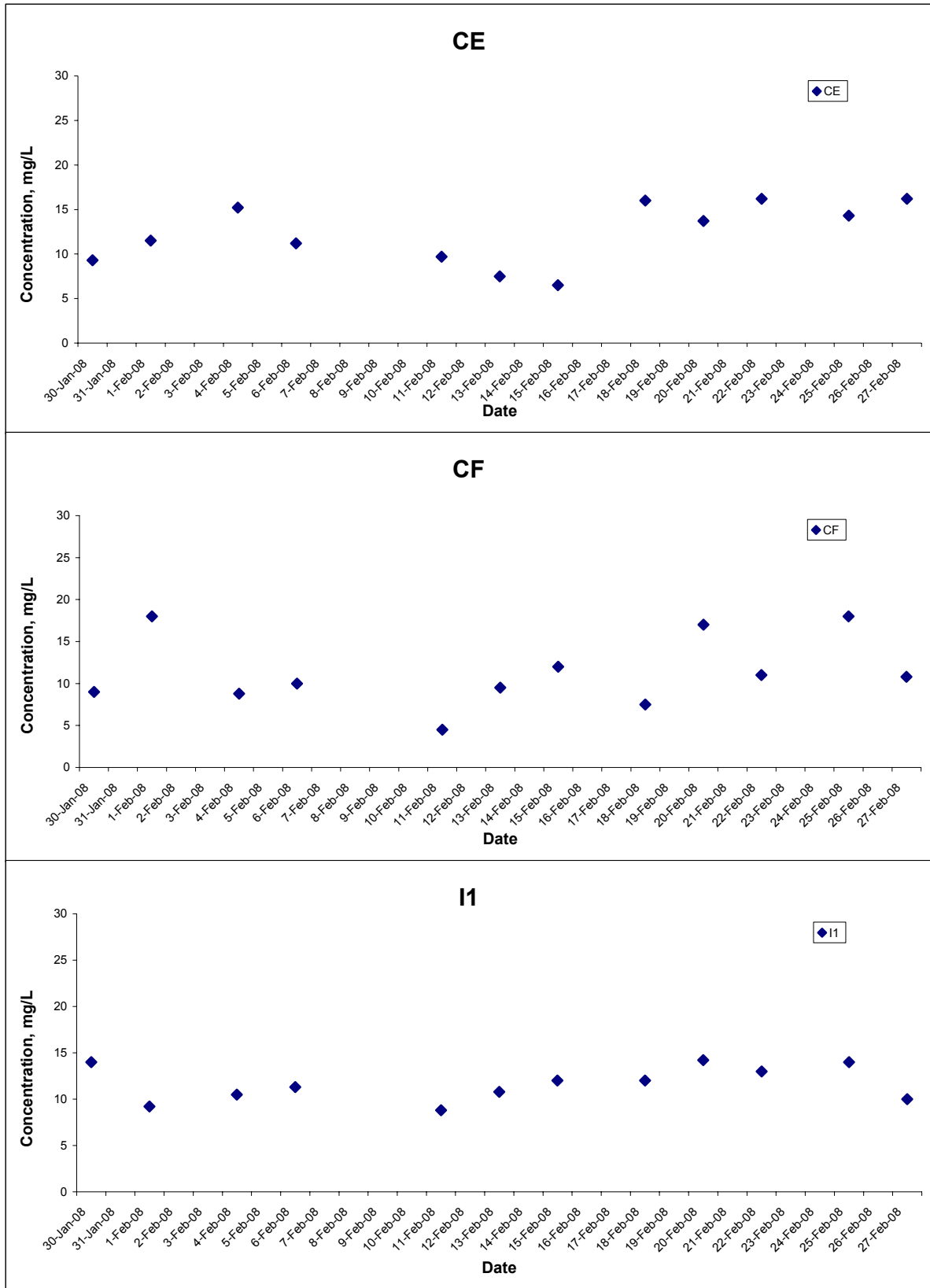


## Turbidity (Depth-averaged) at Mid-Flood Tide



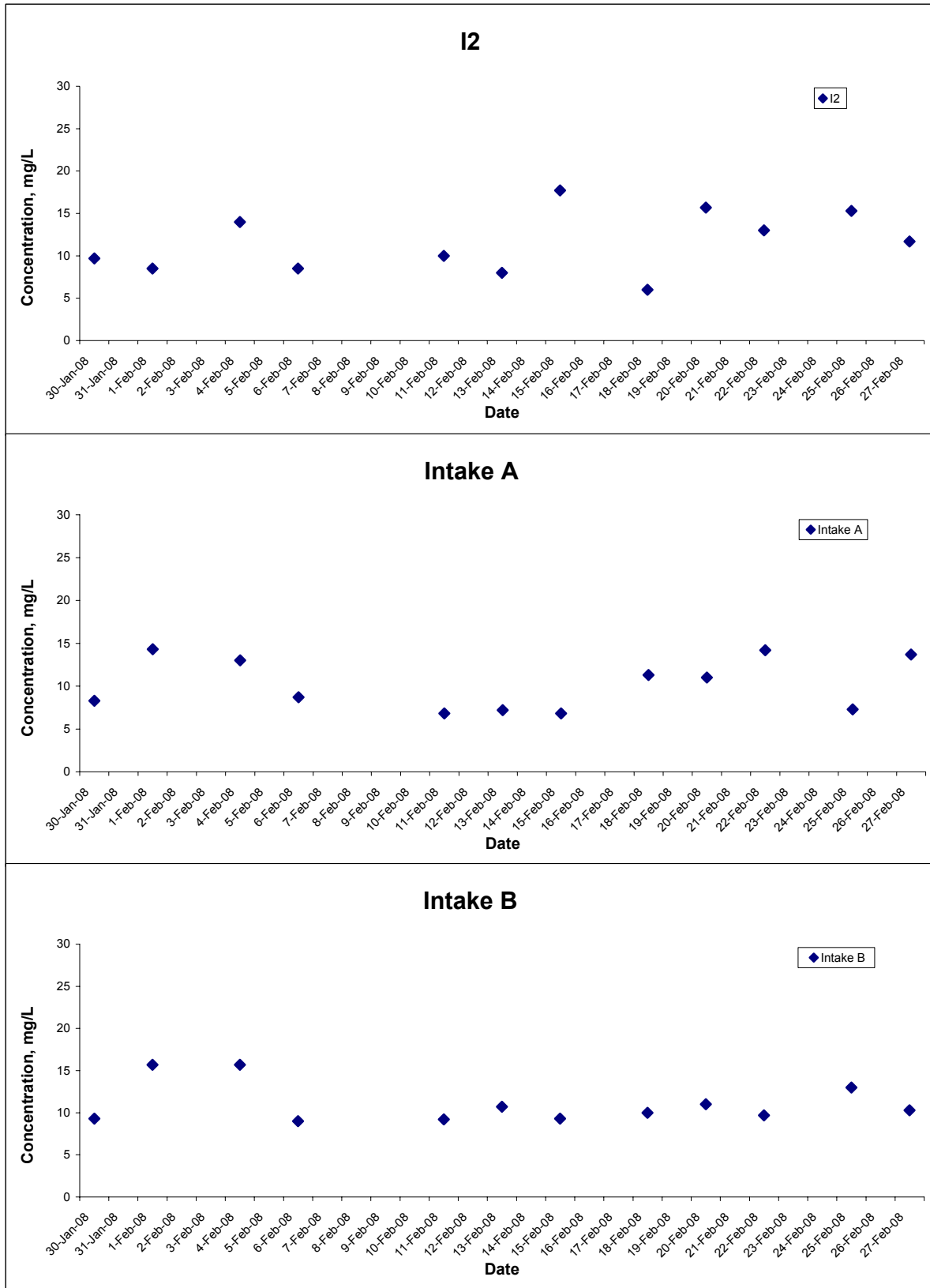
Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel Graphical Presentation of Baseline Water Quality Monitoring Results	Scale N.T.S	Project No. MA8001	
	Date Feb 08	Appendix C4	

## Suspended Solids (Depth-averaged) at Mid-Ebb Tide



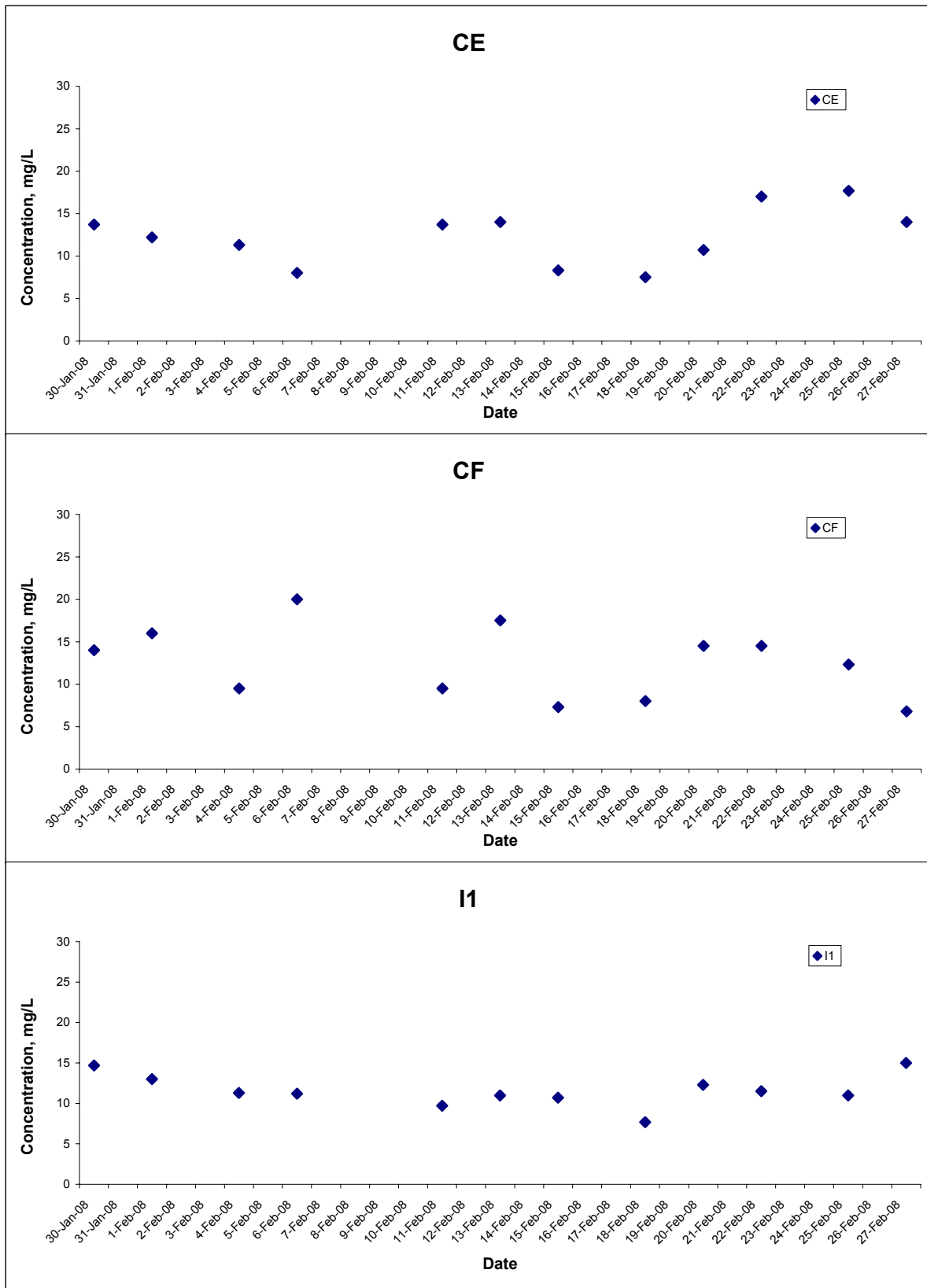
Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel  Graphical Presentation of Baseline Water Quality Monitoring Results	Scale N.T.S	Project No. MA8001	
	Date Feb 08	Appendix C4	

## Suspended Solids (Depth-averaged) at Mid-Ebb Tide



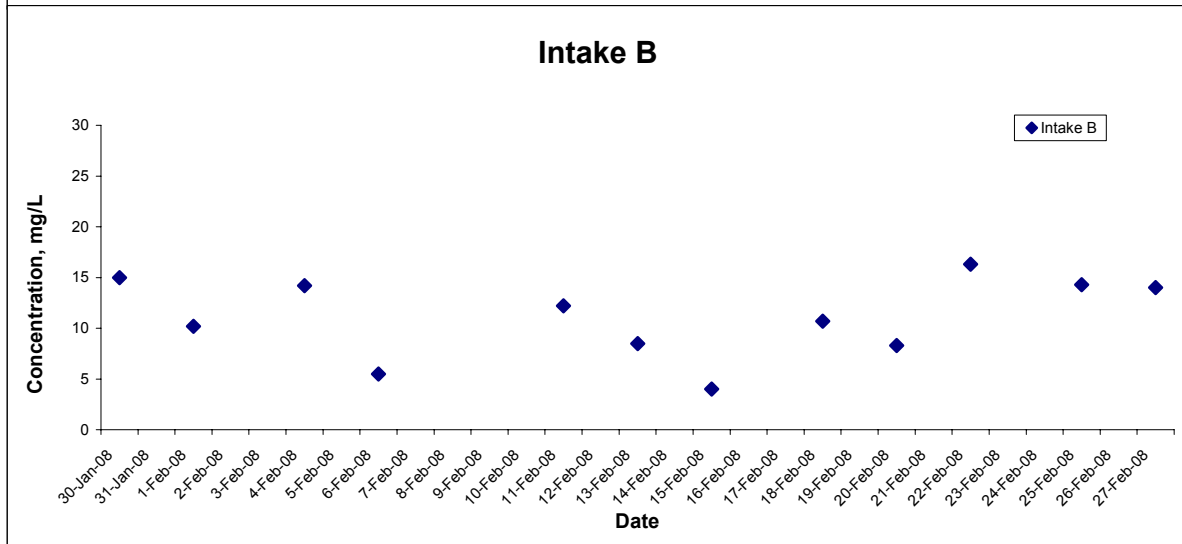
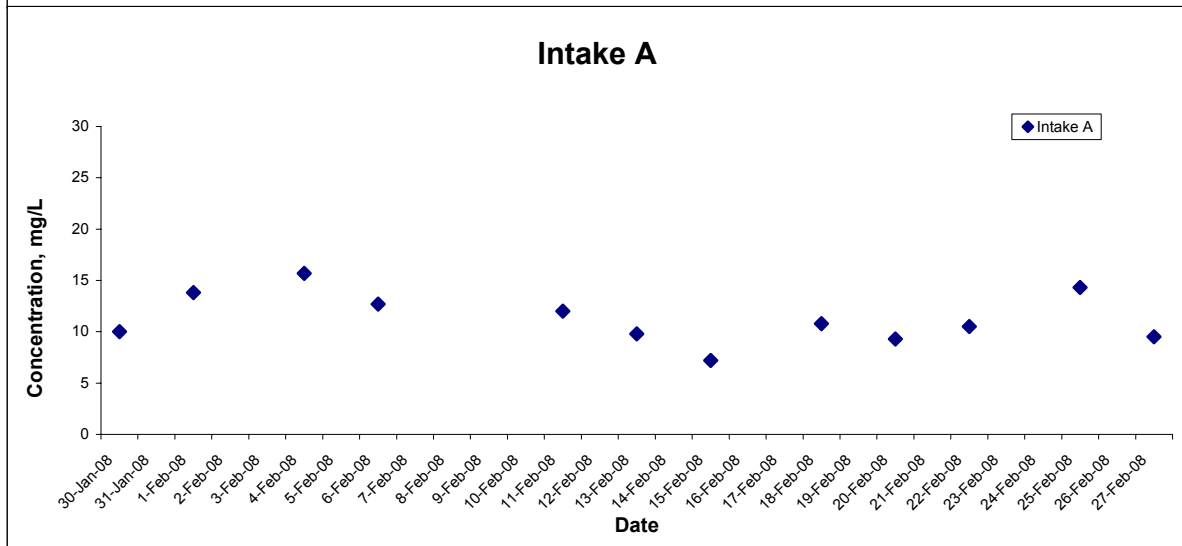
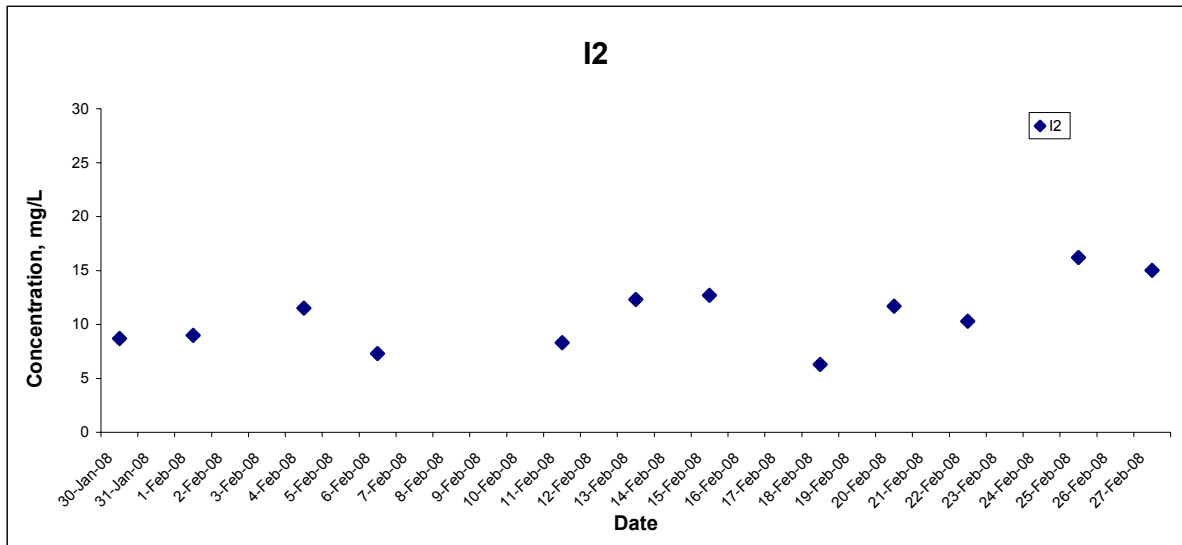
Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel Graphical Presentation of Baseline Water Quality Monitoring Results	Scale N.T.S	Project No. MA8001	CINOTECH
	Date Feb 08	Appendix C4	

## Suspended Solids (Depth-averaged) at Mid-Flood Tide



Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel  Graphical Presentation of Baseline Water Quality Monitoring Results	Scale N.T.S	Project No. MA8001	
	Date Feb 08	Appendix C4	

## Suspended Solids (Depth-averaged) at Mid-Flood Tide



Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel Graphical Presentation of Baseline Water Quality Monitoring Results	Scale N.T.S	Project No. MA8001	
	Date Feb 08	Appendix C4	

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**APPENDIX D  
WEATHER CONDITIONS DURING  
BASELINE MONITORING PERIOD**

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**APPENDIX D –  
WEATHER CONDITIONS DURING THE MONITORING PERIOD**

**I. General Information**

Date	Mean Air Temperature (°C)	Mean Relative Humidity (%)	Precipitation (mm)
30 Jan 2008	9.2 – 14.1	85 - 99	10.4
1 Feb 2008	10.3 – 12.2	82 - 88	0
4 Feb 2008	10.5 – 13.4	72 - 92	Trace
6 Feb 2008	9.8 – 13.7	63 - 82	0.3
11 Feb 2008	8.5 – 12.6	55 - 83	Trace
12 Feb 2008	8.4 – 15.5	36 - 68	Trace
13 Feb 2008	9.7 – 14.2	46 - 62	Trace
14 Feb 2008	11.1 – 14.7	16 - 82	Trace
15 Feb 2008	10.3 – 15.8	39 - 75	0.3
16 Feb 2008	10.8 – 16.9	44 - 82	Trace
17 Feb 2008	12.6 – 19.0	59 - 88	0.4
18 Feb 2008	13.7 – 19.1	59 - 85	0
19 Feb 2008	12.9 – 18.6	60 - 89	Trace
20 Feb 2008	12.3 – 20.5	54 - 88	0
21 Feb 2008	12.9 – 21.4	54 - 86	0
22 Feb 2008	16.1 – 19.4	68 - 93	3.8
23 Feb 2008	15.4 – 19.8	85 - 97	7.1

Date	Mean Air Temperature (°C)	Mean Relative Humidity (%)	Precipitation (mm)
24 Feb 2008	13.7 – 15.3	74 - 90	0.4
25 Feb 2008	13.2 – 16.8	82 - 89	0.5
26 Feb 2008	13.3 – 19.7	67 - 98	Trace
27 Feb 2008	10.9 – 17.2	52 - 85	Trace
28 Feb 2008	11.5 – 17.5	47 - 86	0
29 Feb 2008	14.0 – 17.6	46 - 74	Trace

\* The above information was extracted from the daily weather summary by Hong Kong Observatory.



## II. 10-Minute Mean Wind Speed and Wind Direction

Date	Time	Wind Speed m/s	Wind Direction
12-Feb-2008	00:00	2.7	SW
12-Feb-2008	01:00	2.4	WSW
12-Feb-2008	02:00	2.6	SW
12-Feb-2008	03:00	1.5	WSW
12-Feb-2008	04:00	0.8	SW
12-Feb-2008	05:00	0.9	SW
12-Feb-2008	06:00	1.5	W
12-Feb-2008	07:00	1.2	WNW
12-Feb-2008	08:00	0.6	WNW
12-Feb-2008	09:00	0.5	WNW
12-Feb-2008	10:00	1.4	SW
12-Feb-2008	11:00	1.4	SW
12-Feb-2008	12:00	1.4	SW
12-Feb-2008	13:00	1.8	SW
12-Feb-2008	14:00	1.8	WSW
12-Feb-2008	15:00	2.0	SW
12-Feb-2008	16:00	1.3	WSW
12-Feb-2008	17:00	1.4	W
12-Feb-2008	18:00	2.4	W
12-Feb-2008	19:00	2.7	WNW
12-Feb-2008	20:00	0.9	WNW
12-Feb-2008	21:00	2.1	WNW
12-Feb-2008	22:00	2.4	WNW
12-Feb-2008	23:00	1.7	W
13-Feb-2008	00:00	1.7	WNW
13-Feb-2008	01:00	2.4	W
13-Feb-2008	02:00	2.4	WNW
13-Feb-2008	03:00	2.4	W
13-Feb-2008	04:00	2.5	W
13-Feb-2008	05:00	3.2	W
13-Feb-2008	06:00	2.5	W
13-Feb-2008	07:00	2.9	W
13-Feb-2008	08:00	2.4	WNW
13-Feb-2008	09:00	2.1	WNW

<b>Date</b>	<b>Time</b>	<b>Wind Speed m/s</b>	<b>Wind Direction</b>
13-Feb-2008	10:00	2.8	WNW
13-Feb-2008	11:00	2.6	WNW
13-Feb-2008	12:00	1.6	W
13-Feb-2008	13:00	1.9	SW
13-Feb-2008	14:00	1.3	WSW
13-Feb-2008	15:00	2.4	WSW
13-Feb-2008	16:00	2.1	WSW
13-Feb-2008	17:00	2.1	W
13-Feb-2008	18:00	4.5	SW
13-Feb-2008	19:00	2.9	---
13-Feb-2008	20:00	3.5	WSW
13-Feb-2008	21:00	1.9	WSW
13-Feb-2008	22:00	3.1	W
13-Feb-2008	23:00	2.1	WNW
14-Feb-2008	00:00	2.5	WNW
14-Feb-2008	01:00	1.9	WNW
14-Feb-2008	02:00	0.5	W
14-Feb-2008	03:00	1.3	WNW
14-Feb-2008	04:00	1.3	WNW
14-Feb-2008	05:00	1.4	WNW
14-Feb-2008	06:00	1.5	WNW
14-Feb-2008	07:00	2.4	W
14-Feb-2008	08:00	2.4	W
14-Feb-2008	09:00	2.1	W
14-Feb-2008	10:00	1.8	W
14-Feb-2008	11:00	2.1	WSW
14-Feb-2008	12:00	1.6	W
14-Feb-2008	13:00	2.0	WSW
14-Feb-2008	14:00	1.8	W
14-Feb-2008	15:00	2.4	WNW
14-Feb-2008	16:00	2.7	WNW
14-Feb-2008	17:00	2.4	WNW
14-Feb-2008	18:00	2.0	WNW
14-Feb-2008	19:00	1.3	NE
14-Feb-2008	20:00	1.1	W
14-Feb-2008	21:00	1.1	WNW

<b>Date</b>	<b>Time</b>	<b>Wind Speed m/s</b>	<b>Wind Direction</b>
14-Feb-2008	22:00	1.6	W
14-Feb-2008	23:00	2.5	W
15-Feb-2008	00:00	1.3	WNW
15-Feb-2008	01:00	1.0	N
15-Feb-2008	02:00	0.9	N
15-Feb-2008	03:00	0.6	NE
15-Feb-2008	04:00	1.4	NE
15-Feb-2008	05:00	0.7	NE
15-Feb-2008	06:00	0.2	WNW
15-Feb-2008	07:00	0.9	W
15-Feb-2008	08:00	0.4	WNW
15-Feb-2008	09:00	0.4	WNW
15-Feb-2008	10:00	0.4	W
15-Feb-2008	11:00	1.3	WNW
15-Feb-2008	12:00	1.5	WNW
15-Feb-2008	13:00	1.5	WNW
15-Feb-2008	14:00	1.2	WNW
15-Feb-2008	15:00	2.0	WNW
15-Feb-2008	16:00	1.6	W
15-Feb-2008	17:00	2.9	WNW
15-Feb-2008	18:00	3.2	W
15-Feb-2008	19:00	1.9	WSW
15-Feb-2008	20:00	1.8	WSW
15-Feb-2008	21:00	1.3	WSW
15-Feb-2008	22:00	1.5	SW
15-Feb-2008	23:00	1.5	W
16-Feb-2008	00:00	0.4	WNW
16-Feb-2008	01:00	1.8	WNW
16-Feb-2008	02:00	1.7	W
16-Feb-2008	03:00	1.0	W
16-Feb-2008	04:00	1.2	WSW
16-Feb-2008	05:00	1.0	W
16-Feb-2008	06:00	1.0	ENE
16-Feb-2008	07:00	1.1	N
16-Feb-2008	08:00	1.7	S
16-Feb-2008	09:00	2.0	SSW

<b>Date</b>	<b>Time</b>	<b>Wind Speed m/s</b>	<b>Wind Direction</b>
16-Feb-2008	10:00	2.5	SSW
16-Feb-2008	11:00	3.3	E
16-Feb-2008	12:00	3.9	NNE
16-Feb-2008	13:00	3.5	W
16-Feb-2008	14:00	3.2	W
16-Feb-2008	15:00	4.5	NE
16-Feb-2008	16:00	3.9	ENE
16-Feb-2008	17:00	3.7	SW
16-Feb-2008	18:00	2.2	ENE
16-Feb-2008	19:00	2.9	ENE
16-Feb-2008	20:00	2.1	ENE
16-Feb-2008	21:00	1.7	E
16-Feb-2008	22:00	2.6	ENE
16-Feb-2008	23:00	2.3	ENE
17-Feb-2008	00:00	3.0	ENE
17-Feb-2008	01:00	2.6	WSW
17-Feb-2008	02:00	2.3	W
17-Feb-2008	03:00	2.3	WNW
17-Feb-2008	04:00	2.6	W
17-Feb-2008	05:00	2.7	W
17-Feb-2008	06:00	2.3	SW
17-Feb-2008	07:00	3.2	W
17-Feb-2008	08:00	3.0	WNW
17-Feb-2008	09:00	3.6	WSW
17-Feb-2008	10:00	3.4	SW
17-Feb-2008	11:00	3.9	WSW
17-Feb-2008	12:00	3.5	WSW
17-Feb-2008	13:00	3.5	WNW
17-Feb-2008	14:00	2.7	WNW
17-Feb-2008	15:00	1.7	WNW
17-Feb-2008	16:00	2.6	WSW
17-Feb-2008	17:00	2.8	WSW
17-Feb-2008	18:00	3.6	SW
17-Feb-2008	19:00	3.6	SW
17-Feb-2008	20:00	2.3	SSW
17-Feb-2008	21:00	2.4	W

<b>Date</b>	<b>Time</b>	<b>Wind Speed m/s</b>	<b>Wind Direction</b>
17-Feb-2008	22:00	2.7	WNW
17-Feb-2008	23:00	2.3	WNW
18-Feb-2008	00:00	1.8	W
18-Feb-2008	01:00	2.2	W
18-Feb-2008	02:00	1.8	W
18-Feb-2008	03:00	2.1	W
18-Feb-2008	04:00	1.2	W
18-Feb-2008	05:00	1.4	W
18-Feb-2008	06:00	2.3	W
18-Feb-2008	07:00	2.7	WSW
18-Feb-2008	08:00	2.4	WNW
18-Feb-2008	09:00	3.2	W
18-Feb-2008	10:00	2.7	WNW
18-Feb-2008	11:00	2.6	WNW
18-Feb-2008	12:00	2.5	WSW
18-Feb-2008	13:00	2.2	SW
18-Feb-2008	14:00	2.0	SW
18-Feb-2008	15:00	2.7	SW
18-Feb-2008	16:00	2.7	W
18-Feb-2008	17:00	1.3	W
18-Feb-2008	18:00	1.1	W
18-Feb-2008	19:00	1.4	W
18-Feb-2008	20:00	1.7	WNW
18-Feb-2008	21:00	1.5	W
18-Feb-2008	22:00	1.7	W
18-Feb-2008	23:00	2.0	W
19-Feb-2008	00:00	1.7	WNW
19-Feb-2008	01:00	1.6	W
19-Feb-2008	02:00	1.2	WNW
19-Feb-2008	03:00	1.6	SW
19-Feb-2008	04:00	1.1	W
19-Feb-2008	05:00	1.3	WSW
19-Feb-2008	06:00	1.0	WSW
19-Feb-2008	07:00	0.9	WSW
19-Feb-2008	08:00	1.4	WNW
19-Feb-2008	09:00	1.5	W

<b>Date</b>	<b>Time</b>	<b>Wind Speed m/s</b>	<b>Wind Direction</b>
19-Feb-2008	10:00	1.6	WNW
19-Feb-2008	11:00	1.7	W
19-Feb-2008	12:00	1.8	SW
19-Feb-2008	13:00	2.6	SSW
19-Feb-2008	14:00	2.6	SSW
19-Feb-2008	15:00	2.2	SSW
19-Feb-2008	16:00	2.1	SSW
19-Feb-2008	17:00	1.3	SSW
19-Feb-2008	18:00	1.3	SSW
19-Feb-2008	19:00	1.7	SSW
19-Feb-2008	20:00	1.8	SSW
19-Feb-2008	21:00	1.9	SSW
19-Feb-2008	22:00	2.2	SSW
19-Feb-2008	23:00	2.1	SW
20-Feb-2008	00:00	2.0	SW
20-Feb-2008	01:00	2.1	NNE
20-Feb-2008	02:00	1.7	N
20-Feb-2008	03:00	1.5	N
20-Feb-2008	04:00	2.3	WSW
20-Feb-2008	05:00	2.8	WSW
20-Feb-2008	06:00	2.2	WSW
20-Feb-2008	07:00	1.1	WSW
20-Feb-2008	08:00	1.9	SW
20-Feb-2008	09:00	1.7	N
20-Feb-2008	10:00	1.9	SW
20-Feb-2008	11:00	2.0	ESE
20-Feb-2008	12:00	3.7	W
20-Feb-2008	13:00	2.4	SW
20-Feb-2008	14:00	2.5	W
20-Feb-2008	15:00	2.0	W
20-Feb-2008	16:00	3.0	W
20-Feb-2008	17:00	1.9	W
20-Feb-2008	18:00	1.7	N
20-Feb-2008	19:00	2.4	N
20-Feb-2008	20:00	3.0	NE
20-Feb-2008	21:00	2.9	ENE

<b>Date</b>	<b>Time</b>	<b>Wind Speed m/s</b>	<b>Wind Direction</b>
20-Feb-2008	22:00	2.9	ENE
20-Feb-2008	23:00	2.4	ESE
21-Feb-2008	00:00	2.6	ESE
21-Feb-2008	01:00	1.8	SE
21-Feb-2008	02:00	1.2	SE
21-Feb-2008	03:00	0.8	SSE
21-Feb-2008	04:00	1.3	SSE
21-Feb-2008	05:00	1.8	ESE
21-Feb-2008	06:00	2.6	ESE
21-Feb-2008	07:00	1.5	SE
21-Feb-2008	08:00	1.5	SSE
21-Feb-2008	09:00	1.8	SSE
21-Feb-2008	10:00	1.8	NNE
21-Feb-2008	11:00	1.5	SW
21-Feb-2008	12:00	1.8	W
21-Feb-2008	13:00	1.5	W
21-Feb-2008	14:00	1.5	N
21-Feb-2008	15:00	1.7	NE
21-Feb-2008	16:00	1.2	WNW
21-Feb-2008	17:00	1.3	NE
21-Feb-2008	18:00	1.7	SW
21-Feb-2008	19:00	1.9	SSW
21-Feb-2008	20:00	2.0	SW
21-Feb-2008	21:00	2.1	W
21-Feb-2008	22:00	1.2	NE
21-Feb-2008	23:00	1.0	WNW
22-Feb-2008	00:00	2.9	WNW
22-Feb-2008	01:00	0.8	WNW
22-Feb-2008	02:00	0.5	WNW
22-Feb-2008	03:00	0.6	ENE
22-Feb-2008	04:00	0	---
22-Feb-2008	05:00	0	---
22-Feb-2008	06:00	0	---
22-Feb-2008	07:00	0	---
22-Feb-2008	08:00	0.2	SW
22-Feb-2008	09:00	0.3	W

<b>Date</b>	<b>Time</b>	<b>Wind Speed m/s</b>	<b>Wind Direction</b>
22-Feb-2008	10:00	0.6	NE
22-Feb-2008	11:00	0.6	NE
22-Feb-2008	12:00	0.7	NE
22-Feb-2008	13:00	0.6	NE
22-Feb-2008	14:00	0.6	ESE
22-Feb-2008	15:00	1.1	ESE
22-Feb-2008	16:00	1.3	ESE
22-Feb-2008	17:00	1.4	SE
22-Feb-2008	18:00	1.2	SSE
22-Feb-2008	19:00	1.1	SSE
22-Feb-2008	20:00	2.4	WSW
22-Feb-2008	21:00	0.7	WSW
22-Feb-2008	22:00	0.7	WSW
22-Feb-2008	23:00	1.4	WSW
23-Feb-2008	00:00	1.3	WSW
23-Feb-2008	01:00	0.9	NE
23-Feb-2008	02:00	1.1	E
23-Feb-2008	03:00	0.9	ENE
23-Feb-2008	04:00	0.9	WSW
23-Feb-2008	05:00	1.0	ESE
23-Feb-2008	06:00	1.1	NE
23-Feb-2008	07:00	1.0	E
23-Feb-2008	08:00	0.7	SW
23-Feb-2008	09:00	0.6	SW
23-Feb-2008	10:00	0.5	SW
23-Feb-2008	11:00	0.4	SW
23-Feb-2008	12:00	0.9	SW
23-Feb-2008	13:00	0.7	SW
23-Feb-2008	14:00	1.1	WNW
23-Feb-2008	15:00	0.7	WSW
23-Feb-2008	16:00	1.6	WSW
23-Feb-2008	17:00	1.2	SW
23-Feb-2008	18:00	1.9	WSW
23-Feb-2008	19:00	0.5	W
23-Feb-2008	20:00	0.3	WSW
23-Feb-2008	21:00	0.6	W



<b>Date</b>	<b>Time</b>	<b>Wind Speed m/s</b>	<b>Wind Direction</b>
23-Feb-2008	22:00	0.4	WSW
23-Feb-2008	23:00	0.9	W
24-Feb-2008	00:00	1.4	WSW
24-Feb-2008	01:00	1.2	WSW
24-Feb-2008	02:00	1.2	WSW
24-Feb-2008	03:00	1.9	SW
24-Feb-2008	04:00	1.8	SW
24-Feb-2008	05:00	1.5	SW
24-Feb-2008	06:00	1.5	W
24-Feb-2008	07:00	1.0	WSW
24-Feb-2008	08:00	1.0	WSW
24-Feb-2008	09:00	0.7	WSW
24-Feb-2008	10:00	0.3	SW
24-Feb-2008	11:00	0.3	SW
24-Feb-2008	12:00	1.5	SW
24-Feb-2008	13:00	2.3	SW
24-Feb-2008	14:00	2.4	SSW
24-Feb-2008	15:00	2.2	SSW
24-Feb-2008	16:00	1.6	SSW
24-Feb-2008	17:00	0	---
24-Feb-2008	18:00	0	---
24-Feb-2008	19:00	0	---
24-Feb-2008	20:00	0	---
24-Feb-2008	21:00	0	---
24-Feb-2008	22:00	0	---
24-Feb-2008	23:00	4.1	ENE
25-Feb-2008	00:00	1.5	WSW
25-Feb-2008	01:00	1.1	WSW
25-Feb-2008	02:00	1.5	WSW
25-Feb-2008	03:00	0.7	SW
25-Feb-2008	04:00	1.0	WSW
25-Feb-2008	05:00	1.8	WSW
25-Feb-2008	06:00	1.8	WSW
25-Feb-2008	07:00	1.5	W
25-Feb-2008	08:00	1.2	WNW
25-Feb-2008	09:00	0.8	W

<b>Date</b>	<b>Time</b>	<b>Wind Speed m/s</b>	<b>Wind Direction</b>
25-Feb-2008	10:00	0.6	WSW
25-Feb-2008	11:00	1.3	SW
25-Feb-2008	12:00	1.8	WSW
25-Feb-2008	13:00	2.6	WSW
25-Feb-2008	14:00	2.3	SSW
25-Feb-2008	15:00	3.3	SW
25-Feb-2008	16:00	3.3	SW
25-Feb-2008	17:00	2.5	NW
25-Feb-2008	18:00	3.6	SW
25-Feb-2008	19:00	1.8	WSW
25-Feb-2008	20:00	1.8	NE
25-Feb-2008	21:00	1.7	ENE
25-Feb-2008	22:00	2.3	SW
25-Feb-2008	23:00	2.0	SW
26-Feb-2008	00:00	2.3	SW
26-Feb-2008	01:00	2.4	SW
26-Feb-2008	02:00	1.5	W
26-Feb-2008	03:00	1.4	W
26-Feb-2008	04:00	1.8	SW
26-Feb-2008	05:00	2.6	E
26-Feb-2008	06:00	2.4	E
26-Feb-2008	07:00	2.5	NNE
26-Feb-2008	08:00	1.7	NNE
26-Feb-2008	09:00	1.5	NNE
26-Feb-2008	10:00	1.5	N
26-Feb-2008	11:00	1.7	WSW
26-Feb-2008	12:00	1.6	SW
26-Feb-2008	13:00	1.7	WSW
26-Feb-2008	14:00	1.8	SW
26-Feb-2008	15:00	2.6	NW
26-Feb-2008	16:00	2.1	W
26-Feb-2008	17:00	2.0	SW
26-Feb-2008	18:00	2.3	SSW
26-Feb-2008	19:00	1.7	WSW
26-Feb-2008	20:00	1.5	W
26-Feb-2008	21:00	1.5	W

<b>Date</b>	<b>Time</b>	<b>Wind Speed m/s</b>	<b>Wind Direction</b>
26-Feb-2008	22:00	1.9	WSW
26-Feb-2008	23:00	1.7	W
27-Feb-2008	00:00	2.0	W
27-Feb-2008	01:00	1.5	W
27-Feb-2008	02:00	1.4	W
27-Feb-2008	03:00	1.3	WSW
27-Feb-2008	04:00	1.3	WSW
27-Feb-2008	05:00	1.5	WSW
27-Feb-2008	06:00	1.6	WSW
27-Feb-2008	07:00	1.7	W
27-Feb-2008	08:00	1.9	W
27-Feb-2008	09:00	2.0	WSW
27-Feb-2008	10:00	4.1	W
27-Feb-2008	11:00	3.5	WSW
27-Feb-2008	12:00	3.3	WSW
27-Feb-2008	13:00	3.1	WSW
27-Feb-2008	14:00	3.4	SW
27-Feb-2008	15:00	3.5	SW
27-Feb-2008	16:00	3.8	SW
27-Feb-2008	17:00	3.3	SW
27-Feb-2008	18:00	2.3	SW
27-Feb-2008	19:00	3.1	S
27-Feb-2008	20:00	3.2	S
27-Feb-2008	21:00	2.6	S
27-Feb-2008	22:00	2.8	W
27-Feb-2008	23:00	1.8	NW
28-Feb-2008	00:00	2.8	W
28-Feb-2008	01:00	2.4	W
28-Feb-2008	02:00	1.5	WSW
28-Feb-2008	03:00	1.3	WNW
28-Feb-2008	04:00	1.8	WNW
28-Feb-2008	05:00	1.2	W
28-Feb-2008	06:00	1.0	W
28-Feb-2008	07:00	1.3	WNW
28-Feb-2008	08:00	1.9	NNW
28-Feb-2008	09:00	1.9	NW

<b>Date</b>	<b>Time</b>	<b>Wind Speed m/s</b>	<b>Wind Direction</b>
28-Feb-2008	10:00	1.8	W
28-Feb-2008	11:00	1.8	WNW
28-Feb-2008	12:00	1.9	WNW
28-Feb-2008	13:00	2.1	WNW
28-Feb-2008	14:00	2.5	WNW
28-Feb-2008	15:00	2.4	W
28-Feb-2008	16:00	1.8	SW
28-Feb-2008	17:00	2.1	WSW
28-Feb-2008	18:00	1.6	WSW
28-Feb-2008	19:00	2.5	W
28-Feb-2008	20:00	2.9	WNW
28-Feb-2008	21:00	2.2	WNW
28-Feb-2008	22:00	2.4	WNW
28-Feb-2008	23:00	2.4	WNW
29-Feb-2008	00:00	2.9	WNW
29-Feb-2008	01:00	2.0	WNW
29-Feb-2008	02:00	2.5	W
29-Feb-2008	03:00	2.0	W
29-Feb-2008	04:00	2.4	WNW
29-Feb-2008	05:00	1.9	WNW
29-Feb-2008	06:00	1.2	NW
29-Feb-2008	07:00	1.2	WNW
29-Feb-2008	08:00	0.9	NW
29-Feb-2008	09:00	0.9	N
29-Feb-2008	10:00	0.9	W
29-Feb-2008	11:00	0.3	WNW
29-Feb-2008	12:00	0.2	N
29-Feb-2008	13:00	0.3	NNE
29-Feb-2008	14:00	0.1	W
29-Feb-2008	15:00	0.1	WSW
29-Feb-2008	16:00	0.1	W
29-Feb-2008	17:00	1.3	WNW
29-Feb-2008	18:00	1.3	W
29-Feb-2008	19:00	0.7	W
29-Feb-2008	20:00	1.4	W
29-Feb-2008	21:00	1.1	W

<b>Date</b>	<b>Time</b>	<b>Wind Speed m/s</b>	<b>Wind Direction</b>
29-Feb-2008	22:00	0.7	WNW
29-Feb-2008	23:00	0.4	WNW

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**APPENDIX E  
BASELINE AIR QUALITY AND NOISE  
MONITORING SCHEDULE**

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**Drainage Improvement in Northern Hong Kong Island - Hong Kong West Drainage Tunnel  
Baseline Monitoring Schedule for Eastern Portal in February 2008**

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1-Feb	2-Feb
<b>3-Feb</b>	4-Feb	5-Feb	6-Feb	7-Feb	8-Feb	9-Feb
<b>10-Feb</b>	11-Feb	12-Feb	13-Feb	14-Feb	15-Feb	16-Feb
		Noise Monitoring at NC2	Noise Monitoring at NC2	Noise Monitoring at NC2	Noise Monitoring at NC2	Noise Monitoring at NC1 and NC2  1 hr and 24hrs Dust Monitoring at AQ1
<b>17-Feb</b>	18-Feb	19-Feb	20-Feb	21-Feb	22-Feb	23-Feb
Noise Monitoring at NC1 and NC2  1 hr and 24hrs Dust Monitoring at AQ1	Noise Monitoring at NC1 and NC2  1 hr and 24hrs Dust Monitoring at AQ1	Noise Monitoring at NC1 and NC2  1 hr and 24hrs Dust Monitoring at AQ1	Noise Monitoring at NC1 and NC2  1 hr and 24hrs Dust Monitoring at AQ1	Noise Monitoring at NC1 and NC2  1 hr and 24hrs Dust Monitoring at AQ1	Noise Monitoring at NC1 and NC2  1 hr and 24hrs Dust Monitoring at AQ1	Noise Monitoring at NC1 and NC2  1 hr and 24hrs Dust Monitoring at AQ1
<b>24-Feb</b>	25-Feb	26-Feb	27-Feb	28-Feb	29-Feb	
Noise Monitoring at NC1 and NC2  1 hr and 24hrs Dust Monitoring at AQ1	Noise Monitoring at NC1 and NC2  1 hr and 24hrs Dust Monitoring at AQ1	Noise Monitoring at NC1  1 hr and 24hrs Dust Monitoring at AQ1	Noise Monitoring at NC1  1 hr and 24hrs Dust Monitoring at AQ1	Noise Monitoring at NC1  1 hr and 24hrs Dust Monitoring at AQ1	Noise Monitoring at NC1  1 hr and 24hrs Dust Monitoring at AQ1	

**Noise Monitoring Station**

NC1 -The True Light Middle School of Hong Kong

NC2 - The Legend

AQ1 - The True Light Middle School of Hong Kong

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**APPENDIX F  
BASELINE WATER QUALITY  
MONITORING SCHEDULE**

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**Drainage Improvement in Northern Hong Kong Island - Hong Kong West Drainage Tunnel  
Baseline Water Quality Monitoring Schedule for January 2008**

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1-Jan	2-Jan	3-Jan	4-Jan	5-Jan
6-Jan	7-Jan	8-Jan	9-Jan	10-Jan	11-Jan	12-Jan
13-Jan	14-Jan	15-Jan	16-Jan	17-Jan	18-Jan	19-Jan
20-Jan	21-Jan	22-Jan	23-Jan	24-Jan	25-Jan	26-Jan
27-Jan	28-Jan	29-Jan	30-Jan	31-Jan		
			Mid-Flood 11:02 Mid-Ebb 18:06			

The schedule may be changed due to unforeseen circumstances (adverse weather, etc)  
NA indicated favourable tide occurs during non-working hours

**Drainage Improvement in Northern Hong Kong Island - Hong Kong West Drainage Tunnel  
Baseline Water Quality Monitoring Schedule for February 2008**

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1-Feb	2-Feb
					Mid-Flood 09:18 Mid-Ebb 18:30	
<b>3-Feb</b>	4-Feb	5-Feb	6-Feb	7-Feb	8-Feb	9-Feb
	Mid-Flood 07:00 Mid-Ebb 11:02		Mid-Flood 07:18 Mid-Ebb 12:23			
<b>10-Feb</b>	11-Feb	12-Feb	13-Feb	14-Feb	15-Feb	16-Feb
	Mid-Flood 09:07 Mid-Ebb 15:09		Mid-Flood 10:05 Mid-Ebb 16:44		Mid-Flood 11:36 Mid-Ebb 18:00	
<b>17-Feb</b>	18-Feb	19-Feb	20-Feb	21-Feb	22-Feb	23-Feb
	Mid-Ebb 11:02 Mid-Flood 15:43		Mid-Ebb 12:23 Mid-Flood 17:40		Mid-Flood 08:00 Mid-Ebb 13:16	
<b>24-Feb</b>	25-Feb	26-Feb	27-Feb	28-Feb	29-Feb	
	Mid-Flood 08:42 Mid-Ebb 14:47		Mid-Flood 09:17 Mid-Ebb 15:52			

The schedule may be changed due to unforeseen circumstances (adverse weather, etc)  
NA indicated favourable tide occurs during non-working hours

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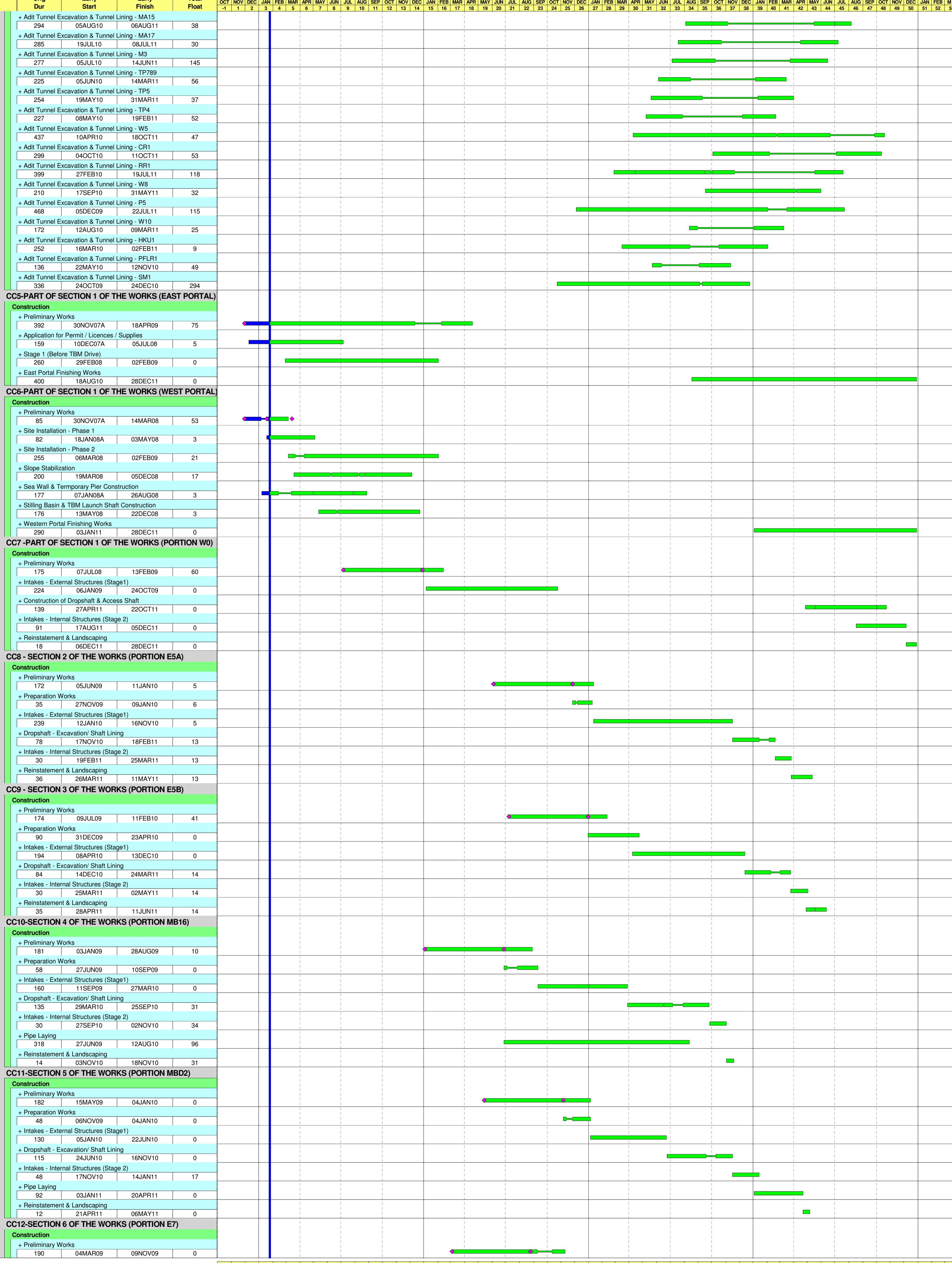
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**APPENDIX G**  
**CONSTRUCTION PROGRAMME**

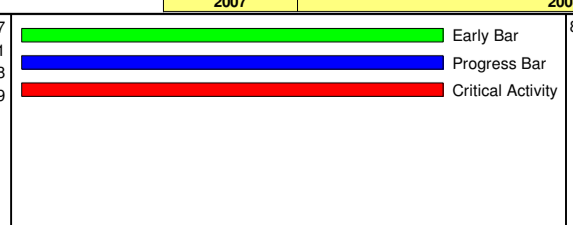
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Start Date: 23NOV07  
 Finish Date: 28DEC11  
 Data Date: 25JAN08  
 Run Date: 30JAN08 14:49



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



Date	Revision	Checked	Approved





