



翠谷工程有限公司  
Green Valley Landfill, Limited

## South East New Territories (SENT) Landfill Extension

### Baseline Monitoring Report

June 2019

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## South East New Territories (SENT) Landfill Extension

### Environmental Certification Sheet EP-308/2008/B and FEP-01/308/2008/B

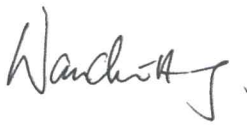
#### Reference Document/Plan

Document/Plan to be Certified/Verified:	Baseline Monitoring Report for South East New Territories (SENT) Landfill Extension
Date of Report:	25 June 2019


#### Reference EP Condition

EP Condition:	Condition No. 3.3
Four hard copies and one electronic copy of the Baseline Monitoring Report shall be submitted to the Director at least 2 weeks before commencement of construction of the Project. The submission shall be verified by the IEC. Additional copies of the submission shall be made available to the Director upon his request.	

#### ET Certification

I hereby certify that the above referenced document/plan complies with the above referenced condition of EP-308/2008/B and FEP-01/308/2008/B.	
Frank Wan, Environmental Team Leader: (ERM Hong-Kong, Limited)	 Date: 25 June 2019

#### IEC Verification




I hereby verify that the above referenced document/plan complies with the above referenced condition of EP-308/2008/B and FEP-01/308/2008/B.	
Fredrick Leong, Independent Environmental Checker: (Meinhardt Infrastructure and Environment Limited)	 Date: 9.7.2019

# South East New Territories (SENT) Landfill Extension

## Baseline Monitoring Report

### Environmental Resources Management

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Client:  Green Valley Landfill Ltd.		Project No:  0465169			
Summary:  This document presents the Baseline Monitoring Report for <i>South East New Territories (SENT) Landfill Extension</i>		Date: 25 June 2019			
		Approved by:   Frank Wan Partner			
3	Revised Baseline Monitoring Report as per EPD EAD's comments	TS	FW	FW	25 Jun 19
2	Revised Baseline Monitoring Report as per EPD EAD's comments	TS	FW	FW	15 Mar 19
1	Revised Baseline Monitoring Report as per EPD EAD's comments	TS	FW	FW	24 Dec 18
0	Baseline Monitoring Report	AL	TS	FW	31 Oct 18
Revision	Description	By	Checked	Approved	Date
<p>This report has been prepared by Environmental Resources Management the trading name of 'ERM Hong-Kong, Limited', with all reasonable skill, care and diligence within the terms of the Contract with the client, incorporating our General Terms and Conditions of Business and taking account of the resources devoted to it by agreement with the client.</p> <p>We disclaim any responsibility to the client and others in respect of any matters outside the scope of the above.</p> <p>This report is confidential to the client and we accept no responsibility of whatsoever nature to third parties to whom this report, or any part thereof, is made known. Any such party relies on the report at their own risk.</p>		<p>Distribution</p> <p><input type="checkbox"/> Internal</p> <p><input checked="" type="checkbox"/> Public</p> <p><input type="checkbox"/> Confidential</p>		 	

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## **EXECUTIVE SUMMARY**

The SENT Landfill Extension (SENTX) forms an integral part in the Strategic Plan in maintaining the continuity of landfill capacity in the Hong Kong for the cost-effective and environmentally satisfactory disposal of waste. ERM-Hong Kong, Limited (ERM) is commissioned to undertake the role of Environmental Team (ET) for the construction, operation/restoration and aftercare of SENTX Project (“the Project”) in accordance with the requirements specified in the Environmental Permit (EP), updated Environmental Monitoring and Audit (EM&A) Manual, the approved Environmental Impact Assessment (EIA) Report of the Project taking account of the latest design and other relevant statutory requirements.

In accordance with the updated EM&A Manual of the Project, baseline monitoring was undertaken for the Project prior to commencement of the construction works. In accordance with the updated EM&A Manual, the baseline monitoring covered the following components:

- Air Quality (construction dust is the key concern during the construction phase);
- Noise;
- Surface water Quality; and
- Landscape and Visual.

Dust monitoring was conducted at two monitoring stations (DM1 and DM2) under the on-going EM&A programme TKO Area 137 Fill Bank. The recent one year historical data taking account of the seasonal variations are considered representative to the ambient air quality conditions of the air sensitive receivers in the vicinity of the Project. The Action and Limit Levels for dust (in term of 24-hour Total Suspended Particulate (TSP) levels) were therefore established based on the recent one year monitoring results.

Baseline noise monitoring was conducted at two monitoring stations (NM1 and NM2) between 24 August and 10 September 2018. The major noise sources identified near the monitoring stations are the noise from the operation of the existing SENT landfill and insect. The baseline noise monitoring results are considered representative of the current ambient noise level.

There are two surface water quality monitoring stations (DP3 and DP4). Baseline surface water quality monitoring was conducted at DP4 between 6 August and 31 August 2018. Baseline surface water quality monitoring for DP3 will be conducted prior to the scheduled commencement of the SENTX construction works affecting DP3 by 2021. Site clearance works were observed downstream of the DP4 sampling point during some monitoring events. These works were being undertaken by the TKO Area 137 Contractor in an area of the site still to be handed over to GVL. Considered the limited

scale and location of the works, the impact on the surface water quality samples is anticipated to be insignificant. The baseline surface water monitoring results are thus considered representative of the current ambient surface water quality levels. Action and Limit Levels for dissolved oxygen (DO), suspended solids (SS) and pH were established based on the baseline monitoring results.

Site conditions verification surveys for landscape and visual baseline were conducted in August and September 2018 to revisit the identified Landscape Resources (LRs) and Landscape Character Areas (LCAs) in the approved EIA Report. The survey results concluded that the landscape and visual baseline conditions is similar to those presented in the approved EIA Report, except LR14 and LR16. The observed deviations at LR14 and are considered minor and do not significantly alter the overall landscape and visual baseline condition. Additional landscape and visual mitigation measures other than those recommended in the approved EIA Report are thus not required.

# 1 INTRODUCTION

## 1.1 BACKGROUND

The SENT Landfill Extension (SENTX) forms an integral part in the Strategic Plan in maintaining the continuity of landfill capacity in the Hong Kong for the cost-effective and environmentally satisfactory disposal of waste. The *Environmental Impact Assessment (EIA) Report* and the associated *Environmental Monitoring and Audit (EM&A) Manual* for the construction, operation, restoration and aftercare of the SENTX (hereafter referred to as “the Project”) have been approved under the *Environmental Impact Assessment Ordinance (EIAO)* in May 2008 (Register No.: AEIAR-117/2008) (hereafter referred to as the approved EIA Report) and an Environmental Permit (EP-308/2008) (EP) was granted by the Director of Environmental Protection (DEP) on 5 August 2008.

Since then, applications for Variation of an Environmental Permit (No. VEP-531/2017) were submitted to EPD and the Variation of Environmental Permits (EP-308/2008/A and EP-308/2008/B) were granted on 6 January 2012 and 20 January 2017, respectively, as the Hong Kong SAR Government has decided to reduce the scale of the design scheme of SENTX assessed in the approved EIA Report and SENTX will only receive construction waste. In line with the changes proposed by EPD, the landfill contractor for SENTX, Green Valley Landfill Limited (GVL), has developed a final scheme for SENTX (hereafter “the latest design”) in 2016. This latest design complies with the requirements in the *Technical Memorandum of the Environmental Impact Assessment Process (EIAO-TM)* and the current EP (EP-308/2008/B) conditions. A Further Environmental Permit (FEP-01/308/2008/B) (FEP) was granted to GVL on 16 May 2018.

ERM-Hong Kong, Limited (ERM) and Meinhardt Infrastructure and Environment Limited (Meinhardt) are commissioned to undertake the roles of Environmental Team (ET) and the Independent Environmental Checker (IEC), respectively, to undertake the EM&A activities for the Project in accordance with the requirements specified in the EP, updated EM&A Manual <sup>(1)</sup>, approved EIA Report <sup>(2)</sup> taking account of the latest design and other relevant statutory requirements.

## 1.2 PROJECT DESCRIPTION

The SENTX is a piggyback landfill, occupying the southern part of the existing SENT Landfill (including its infrastructure area) and 13 ha of Tseung Kwan O (TKO) Area 137. A layout plan of the SENTX is shown in *Figure 1.1*. Under the latest design, the SENTX has a net void capacity of about 6.5 Mm<sup>3</sup> and provides an additional lifespan of about 6 years, commencing operation upon

- (1) ERM (2018). South East New Territories (SENT) Landfill Extension: Environmental Monitoring & Audit Manual  
(2) ERM (2007). South East New Territories (SENT) Landfill Extension - Feasibility Study: Environmental Impact Assessment Report



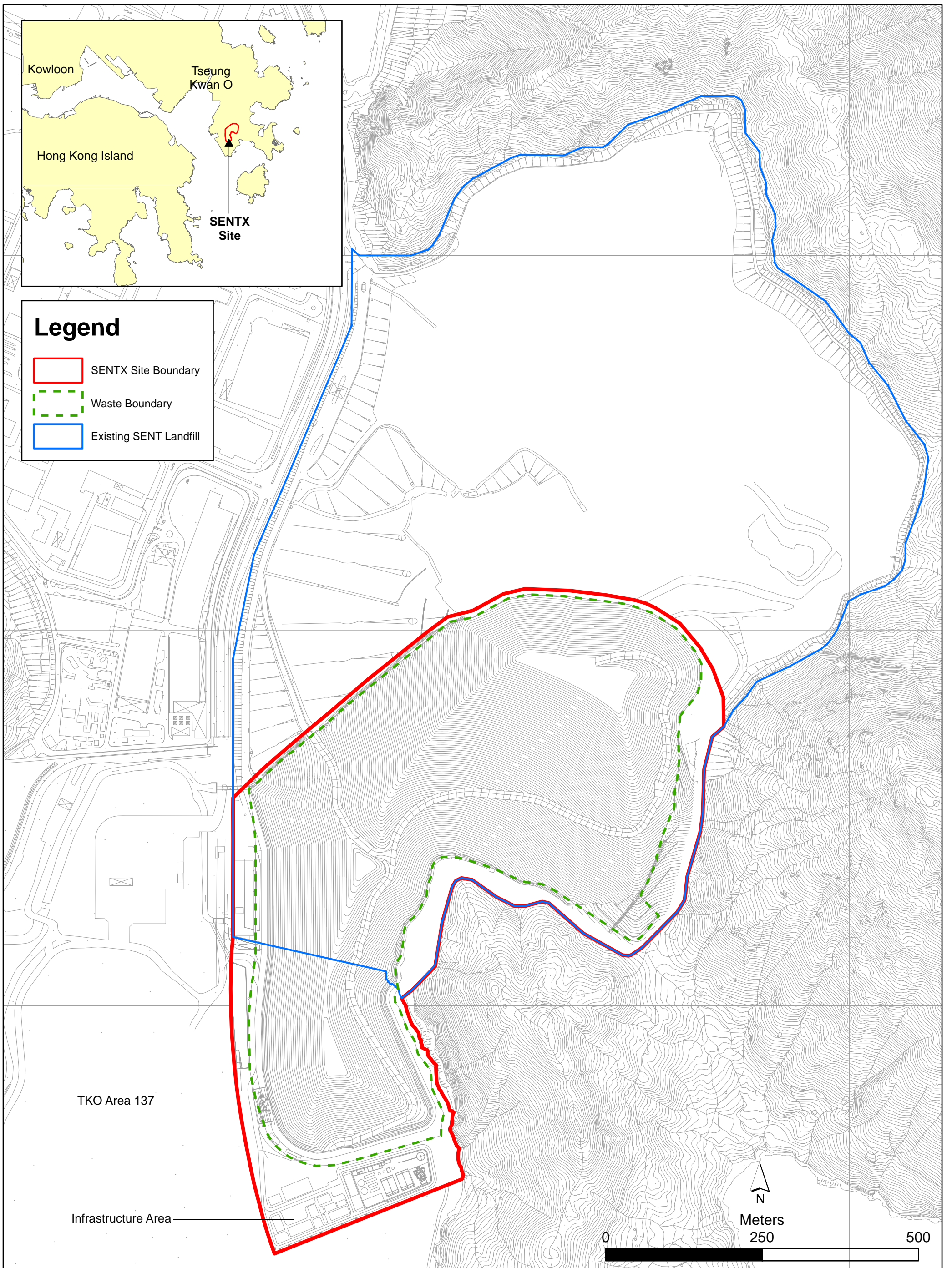


Figure 1.1

Layout Plan of SENTX

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Date: 5/9/2018

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exhaustion of the SENT Landfill. The SENTX will receive construction waste only.

The key elements of the construction, operation/restoration and aftercare of the SENTX are described below.

#### *Construction of SENTX*

Construction works will commence about two years prior to the operation of the SENTX. The major construction works includes:

- Site formation at the TKO Area 137 and the existing infrastructure area at SENT Landfill;
- Construction of surface and groundwater drainage systems;
- Construction of the leachate containment and collection systems;
- Construction of new leachate and landfill gas treatment facilities, site offices, maintenance yards at the new infrastructure area;
- Construction of new pipelines to transfer the leachate and landfill gas collected from the existing SENT Landfill to the treatment facilities at the new infrastructure area;
- Construction of the site access and new waste reception facilities; and
- Demolition of the facilities at the existing SENT Landfill infrastructure area.

#### *Operation and Restoration of SENTX*

The leachate and landfill treatment facilities will be commissioned and the first phase of the SENTX will start operation upon exhaustion of the SENT Landfill. Construction of the leachate containment and collection system for the subsequent phases will continue while the first phase of the SENTX is in operation. The areas that reach the finished profile will be progressively restored and landscaped.

#### *Aftercare of SENTX*

Upon the completion of final filling and restoration, the aftercare of the SENTX will begin and last for 30 years. Regular site maintenance, collection and treatment of landfill gas and leachate will be undertaken during the aftercare period to ensure that the landfill complies with the required environmental performance requirements and is safe. The restored landfill may then be developed for various passive beneficial uses (e.g. open spaces, walking trails, etc.).

#### *Implementation Programme*

The key implementation milestones of the Project are indicatively summarised in *Table 1.1*.

**Table 1.1** *Estimated Key Dates of Implementation Programme*

<b>Key Stage of the Project</b>	<b>Indicative Date</b>
Start construction	Q4 2018
Commissioning of new infrastructure facilities	2020
Demolition of existing infrastructure facilities	2021
Start waste intake at SENTX	2021 or upon exhaustion of SENT Landfill
Stop taking waste at SENTX	2027
End of aftercare for SENTX	2057

### **1.3** *PURPOSE OF THE BASELINE MONITORING REPORT FOR SENTX*

The purpose of this *Baseline Monitoring Report* for SENTX development is to present the baseline levels of air quality, noise and surface water quality at the designated monitoring locations around the Project area prior to the commencement of construction works. In addition, landscape and visual baseline monitoring was undertaken to verify the site conditions with reference to the approved EIA Report taking account of the latest design. Such baseline conditions will be used as the basis for assessing environmental impacts, if any, and compliance monitoring during the construction phase of the Project.

Under the requirement of *Condition 3.3* of the FEP, the *Baseline Monitoring Report* shall be prepared and submitted to the DEP at least two weeks before the commencement of construction of the Project.

### **1.4** *STRUCTURE OF THE BASELINE MONITORING REPORT FOR SENTX*

The remainder of the *Baseline Monitoring Report for SENTX* is structured as follows:

- *Section 2* presents the methodology and findings of the baseline air quality monitoring;
- *Section 3* presents the methodology and findings of the baseline noise monitoring;
- *Section 4* presents the methodology and findings of the baseline surface water quality monitoring;
- *Section 5* presents the methodology and findings of the baseline landscape and visual monitoring; and
- *Section 6* summarises the baseline monitoring events.

## 2 AIR QUALITY

### 2.1 MONITORING REQUIREMENT

According to the updated EM&A Manual of the Project, baseline air quality monitoring (dust, in term of Total Suspended Particulates (TSP)) shall be carried out at the two designated monitoring locations (i.e. DM1 and DM2). As there are two existing TSP monitoring stations (i.e. TKO-A1 and TKO-A2a) currently operating by the Civil Engineering and Development Department (CEDD) to monitor the 24-hour TSP levels at the proposed dust monitoring stations for the SENTX, it is considered that the CEDD monitoring data can represent the baseline dust condition before the construction of the SENTX. The recent one year historical data at a 6-day interval prior to commencement of the construction works for the Project, taking into account of the seasonal variation, monitored by the two existing CEDD's monitoring stations were used to establish the baseline dust levels for construction phase. Details of the baseline air quality monitoring are presented in the following sections.

### 2.2 MONITORING EQUIPMENT

High volume air samplers (HVSs) in compliance with the specifications listed under Section 3.2.2 of the updated EM&A Manual were used to measure 24-hour TSP levels at the CEDD dust monitoring stations. The HVSs were calibrated upon installation and thereafter at bi-monthly intervals to check the validity and accuracy of the results.

*Table 2.1* summarises the equipment used in the baseline dust monitoring programme. Copies of the calibration certificates for the equipment are presented in *Annex A1*.

*Table 2.1 Dust Monitoring Equipment*

Equipment	Monitoring Station	Model
HVSHVS	DM1	Greasby 105 (S/N: 9795 (ET/EA/003/18))
	DM2	Andersen G1051 (S/N: 1176 (ET/EA/003/05))
Calibrator	All Station	Tisch TE-5025A (S/N: 3297 & 3480)

### 2.3 MONITORING LOCATIONS

Baseline dust monitoring for the Project was conducted at two monitoring stations at air sensitive receivers (ASRs) (i.e. DM1 and DM2). Locations of the two monitoring stations are shown in *Figure 2.1*.

### 2.4 MONITORING PARAMETERS, FREQUENCY AND DURATION

The monitoring parameters and frequency of baseline dust monitoring are presented in *Table 2.2*.

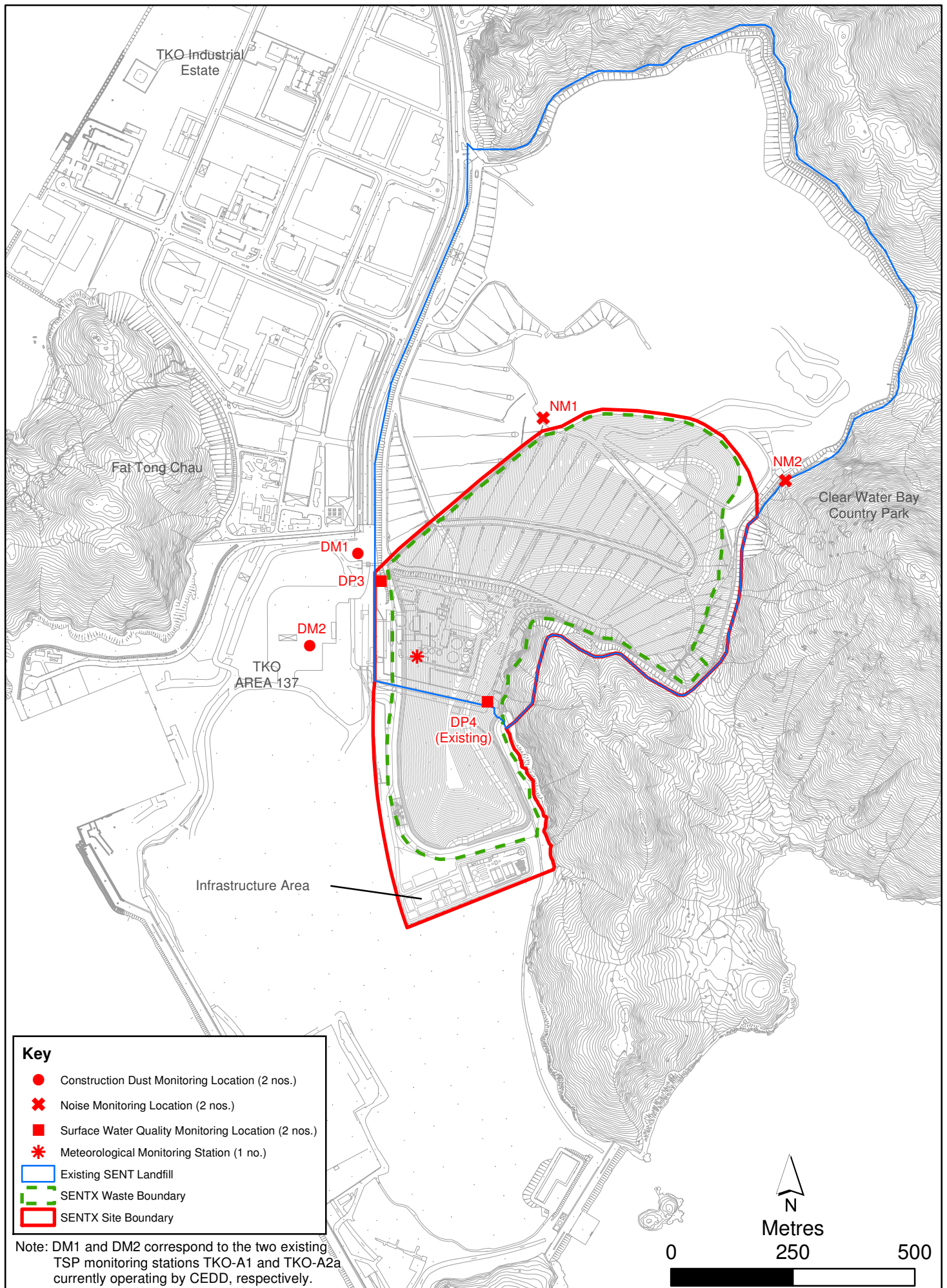


Figure 2.1

Baseline Environmental Monitoring Locations

**Table 2.2** *Frequency and Parameters of Baseline Dust Monitoring*

<b>Monitoring Station</b>	<b>Location</b>	<b>Parameter</b>	<b>Frequency and Duration</b>
DM1	Site Egress of TKO Area 137 Fill Bank	24-hour TSP	Once every 6 days of the recent 1 year
DM2	Combined Reception and Exit Office (CREO) of TKO Area 137 Fill Bank		

**2.5** *MONITORING METHODOLOGY*

The 24-hour TSP levels were measured by the HVSs in accordance with procedures specified in the Manufacturer’s Instruction Manual. The procedures are described as follows:

- Prior to the commencement of the dust sampling, set the flow rate of the HVSs (between 0.6m<sup>3</sup> /min and 1.7m<sup>3</sup> /min.);
- Use fiberglass filters (Whatman G653) for TSP sampling;
- Check the power supply to ensure the sampler works properly;
- On sampling, operate the sampler for 5 minutes to establish thermal equilibrium before placing any filter media at designated air monitoring station;
- Remove the filter holding frame by loosening the four nuts and carefully center a weighted and conditioned filter with the stamped number upwards, on a supporting screen;
- Align the filter on the screen so that the gasket forms an air-tight seal on the outer edges of the filter and tighten the filter holder frame to the filter holder with swing bolts. The applied pressure should be sufficient to avoid air leakage at the edges;
- Set the programmable timer for a sampling month of 24 hours. Record the information on the record sheet, which includes 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, transfer the filter from the filter holder of the sampler to a sealed plastic bag and send to the laboratory for weighting. The elapsed time is also recorded; and
- Before weighting, equilibrate all filters in a desiccator for 24 hours with the temperature of 25°C ± 3°C and the relative humidity of <50% ± 5%.

**2.6** *WEATHER DATA*

Wind data obtained from the on-site meteorological monitoring station at the existing SENT landfill were used for the dust monitoring and are shown in



*Annex A2.* It is considered that wind data obtained at the existing the on-site meteorological monitoring station are representative of the Project area and could be used for the baseline and construction phase dust monitoring programme for the Project.

## 2.7 ***BASELINE MONITORING RESULTS***

The results of the recent one year historical dust data at two monitoring locations (DM1 and DM2) between July 2017 to June 2018 are summarised in *Table 2.3*. The detailed 24-hour TSP monitoring results are presented in *Annex A3*. Graphical presentations of the 24-hour TSP results at each monitoring location are shown in *Annex A4*. The operations of the existing SENT landfill and the TKO Area 137 Fill Bank are identified as the influencing factors which may affect the results of baseline monitoring.

**Table 2.3** *Summary of Baseline 24-hour TSP Monitoring Results*

<b>Monitoring Station</b>	<b>Average 24-hr TSP Concentration (<math>\mu\text{g m}^{-3}</math>) (Range in bracket)</b>
DM-1 - Site Egress of TKO Area 137 Fill Bank	113 (27 - 207)
DM-2A -Combined Reception and Exit Office (CREO) of TKO Area 137 Fill Bank	97 (31 - 185)

## 2.8 ***ACTION AND LIMIT LEVEL***

Guidelines for establishing the Action and Limit Levels for dust monitoring during the construction of the Project are presented in *Table 2.4*.

**Table 2.4** *Guidelines for Establishing Action and Limit Levels for Dust*

<b>Parameters</b>	<b>Action Level</b>	<b>Limit Level</b>
24-hour TSP Level	For baseline level $\leq 200 \mu\text{g m}^{-3}$ , Action level = (Baseline level *1.3 + Limit level)/2	260 $\mu\text{g m}^{-3}$
	For baseline level $> 200 \mu\text{g m}^{-3}$ , Action level = Limit level	

The Action and Limit Levels of 24-hr TSP levels for dust impact monitoring at each monitoring station are determined and presented in *Table 2.5*.

**Table 2.5** *Action and Limit Levels for 24-hour TSP*

<b>Monitoring Station</b>	<b>Action Level</b>	<b>Limit Level</b>
DM-1 - Site Egress of TKO Area 137 Fill Bank	204 $\mu\text{g m}^{-3}$	260 $\mu\text{g m}^{-3}$
DM-2A -Combined Reception and Exit Office (CREO) of TKO Area 137 Fill Bank	193 $\mu\text{g m}^{-3}$	260 $\mu\text{g m}^{-3}$

## 2.9

### *EVENT AND ACTION PLAN*

Should non-compliance of the air quality criteria occur, actions in accordance with the Event and Action Plan in *Table 2.6* shall be carried out.

**Table 2.6** *Event / Action Plan for Dust Monitoring During Construction Phase*

Event	Action		
	ET	IEC	Contractor
<i>Action Level</i>			
Exceedance for one sample	<ul style="list-style-type: none"> <li>Identify the source(s) and investigate the cause(s) of exceedance</li> <li>Prepare Notification of Exceedance within 24 hours</li> <li>Inform Contractor, IEC and Project Proponent whether the cause of exceedance is due to the Project</li> <li>Repeat measurement to confirm finding if exceedance is due to the Project</li> <li>Increase monitoring frequency to daily if exceedance is due to the Project and continue until the monitoring results reduce to below action level</li> </ul>	<ul style="list-style-type: none"> <li>Verify the Notification of Exceedance</li> <li>Check monitoring data submitted by ET</li> <li>Check Contractor's working methods</li> </ul>	<ul style="list-style-type: none"> <li>Rectify any unacceptable practice</li> <li>Amend working methods if appropriate</li> </ul>
Exceedance for two or more consecutive samples	<ul style="list-style-type: none"> <li>Identify the source(s) and investigate the cause(s) of exceedance</li> <li>Prepare Notification of Exceedance within 24 hours</li> <li>Inform Contractor, IEC and Project Proponent whether the cause of exceedance is due to the Project</li> <li>Discuss with Contractor and IEC for remedial measures required</li> <li>Ensure remedial measures are properly implemented</li> <li>If exceedance continues, arrange meeting with Contractor &amp; IEC</li> <li>Continue monitoring at daily intervals if exceedance is due to the Project</li> <li>If no exceedance for 3 consecutive days, cease additional monitoring</li> </ul>	<ul style="list-style-type: none"> <li>Verify the Notification of Exceedance</li> <li>Check monitoring data submitted by ET</li> <li>Check Contractor's working methods</li> <li>Discuss with ET and Contractor on proposed remedial measures</li> <li>Review proposals on remedial measures</li> <li>Audit the implementation of the remedial measures</li> <li>Audit the effectiveness of the implemented remedial measures</li> </ul>	<ul style="list-style-type: none"> <li>Submit proposals for remedial measures to IEC</li> <li>Implement the agreed proposals</li> <li>Amend proposal if appropriate</li> </ul>

Event	Action		
	ET	IEC	Contractor
<i>Limit Level</i>			
Exceedance for one sample	<ul style="list-style-type: none"> <li>Identify the source(s) and investigate the cause(s) of exceedance</li> <li>Prepare Notification of Exceedance within 24 hours</li> <li>Inform Contractor, IEC, Project Proponent and EPD whether the cause of exceedance is due to the Project</li> <li>Discuss with Contractor and IEC for remedial measures required</li> <li>Ensure remedial measures are properly implemented</li> <li>Repeat measurement to confirm finding if exceedance is due to the Project</li> <li>Increase monitoring frequency to daily if exceedance is due to the Project and continue until the monitoring results reduce to below limit level</li> </ul>	<ul style="list-style-type: none"> <li>Verify the Notification of Exceedance</li> <li>Check monitoring data submitted by ET</li> <li>Check Contractor's working methods</li> <li>Discuss with ET and Contractor on proposed remedial measures</li> <li>Review proposals on remedial measures</li> <li>Audit the implementation of the remedial measures</li> <li>Audit the effectiveness of the implemented remedial measures</li> </ul>	<ul style="list-style-type: none"> <li>Take immediate action to avoid further exceedance</li> <li>Submit proposals for remedial measures to IEC</li> <li>Implement the agreed proposals</li> <li>Amend proposal if appropriate</li> </ul>
Exceedance for two or more consecutive samples	<ul style="list-style-type: none"> <li>Identify source(s) and investigate the cause(s) of exceedance</li> <li>Prepare Notification of Exceedance within 24 hours</li> <li>Inform Contractor, IEC, Project Proponent and EPD the causes &amp; actions taken for the exceedances</li> <li>Discuss with Contractor and IEC for remedial measures required</li> <li>Ensure remedial measures are properly implemented</li> <li>Continue monitoring at daily intervals if exceedance is due to the Project</li> <li>If no exceedance for 3 consecutive days, cease additional monitoring</li> <li>If exceedance due to the Project continues, consider what portion of the work is responsible and stop that portion of work until the exceedance is abated</li> </ul>	<ul style="list-style-type: none"> <li>Verify the Notification of Exceedance</li> <li>Check monitoring data submitted by ET</li> <li>Check Contractor's working methods</li> <li>Discuss with ET and Contractor on proposed remedial measures</li> <li>Review proposals on remedial measures</li> <li>Audit the implementation of the remedial measures</li> <li>Audit the effectiveness of the implemented remedial measures</li> </ul>	<ul style="list-style-type: none"> <li>Take immediate action to avoid further exceedance</li> <li>Submit proposals for remedial measures to IEC</li> <li>Implement the agreed proposals</li> <li>Resubmit proposals if problem still not under control</li> </ul>

### 3 NOISE

#### 3.1 MONITORING REQUIREMENT

According to the updated EM&A Manual of the Project, baseline noise monitoring shall be carried out at the monitoring locations (i.e. NM1 and NM2) for a continuous period of at least 14 consecutive days at a minimum logging interval of 30 minutes for daytime between 07:00 and 19:00 hrs of normal weekdays. The noise levels shall be measured in terms of A-weighted levels  $L_{eq}$ ,  $L_{10}$  and  $L_{90}$  at the specified interval. Details of the baseline noise monitoring are presented in the following sections.

#### 3.2 MONITORING EQUIPMENT

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 ( $L_x$ ). The sound level meters and calibrators used should comply with the *International Electrotechnical Commission (IEC) Publication 651 : 1979 (Type 1) and 804 : 1985 (Type 1)* specification as stated in the *Technical Memorandum on Noise from Construction Work other than Percussive Piling (GW-TM)* and *Technical Memorandum on Noise From Places Other than Domestic Premises, Public Places or Construction Sites (IND-TM)*. The sound level meters have also used the manufacturers recommended wind shield. The noise monitoring equipment used is presented in *Table 3.1* and copies of the calibration certificates for the sound level meters and calibrator are presented in *Annex B1*.

**Table 3.1** *Noise Monitoring Equipment*

Equipment	Monitoring Station	Model
Sound Level Meter	NM1	Brüel & Kjær 2238 (S/N: 2285722)
	NM2	Brüel & Kjær 2238 (S/N: 2285762)
Calibrator	All Stations	Quest QC-20 (S/N: QO9090006)

#### 3.3 MONITORING LOCATIONS

Baseline noise monitoring for the Project was conducted at two monitoring stations around the Project area (i.e. NM1 and NM2). Locations of the two monitoring stations are shown in *Figure 2.1*.

#### 3.4 MONITORING PARAMETERS, FREQUENCY AND DURATION

The monitoring parameters and frequency of baseline noise monitoring are presented in *Table 3.2*.



**Table 3.2 Frequency and Parameters of Baseline Noise Monitoring**

Monitoring Station	Location	Frequency	Parameter
NM1	SENTX Site Boundary (North)	Daytime on normal weekdays (07:00 – 19:00 hrs) between 24 August and 10 September 2018	$L_{eq(30\text{ min})}$ (logarithm average of 6 consecutive $L_{eq(5\text{ min})}$ ), $L_{10(5\text{ min})}$ & $L_{90(5\text{ min})}$
NM2	SENTX Site Boundary (North East)	Evening and night time on all days (19:00 – 07:00 hrs of the next day) and daytime during public holidays (including Sundays) (07:00 – 19:00 hrs) between 24 August and 10 September 2018	$L_{eq(5\text{ min})}$ , $L_{10(5\text{ min})}$ & $L_{90(5\text{ min})}$

### 3.5 MONITORING METHODOLOGY

The monitoring procedures are as follows:

- The sound level meter was set at least 1.2 m above the ground for free-field measurements at monitoring stations NM1 and NM2. A correction of +3 dB(A) has been made for the free field measurements.
- The battery condition was checked to ensure good functioning of the meter.
- Parameters such as frequency weighting, time weighting and measurement time were set as follows:
  - frequency weighting: A
  - time weighting: Fast
  - measurement time: 5 minutes ( $L_{eq(30\text{-min})}$  would be determined for daytime noise by calculating the logarithmic average of six  $L_{eq(5\text{min})}$  data)
- Prior to and after noise measurement, the meter was calibrated using the calibrator for 94.0 dB at 1,000 Hz. If the difference in the calibration level before and after measurement was 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.
- Noise monitoring was carried out continuously for 24 hours during the 14 days baseline monitoring period. Monitoring data were 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 2-3 days.
- All the monitoring data stored in the sound level meter system were downloaded through the computer software, and all these data were

checked and reviewed on computer.

- Calibrated hand-held anemometer capable of measuring the wind speed in m s<sup>-1</sup> was supplied for the measurement of wind speeds during noise monitoring periods.

### 3.6 MAINTENANCE AND CALIBRATION

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; and
- Immediately prior to and following each noise measurement, the accuracy of the sound level meter should be checked using an acoustic calibrator generating known sound pressure level at 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.

### 3.7 BASELINE MONITORING RESULTS

Baseline noise monitoring was conducted at two monitoring stations (NM1 and NM2) between 24 August and 10 September 2018. The monitoring schedule is shown in *Annex B2*.

The baseline noise monitoring results are summarised in *Tables 3.3 to 3.5*. All baseline noise monitoring results are presented in *Annex B3*. Graphical presentations of the data are provided in *Annex B4*. The weather was generally sunny, cloudy and rainy during the baseline monitoring period. The noise level data which were affected by the rain were discarded when analysis to establish the action and limit levels. The operation of existing SENT Landfill and insect noises were noted as the possible influencing factors which may affect the baseline monitoring results.

**Table 3.3** *Summary of Noise Monitoring Results during Normal Working Hours (07:00-19:00 hrs; Normal Weekdays)*

Normal Working Hours (07:00-19:00 hrs; Normal Weekdays)	Measured Noise Level $L_{eq}$ (30 min), dB(A)		
	Average	Min.	Max.
NM1	56.5	48.5	69.4
NM2	61.3	57.2	68.2

**Table 3.4** *Summary of Noise Monitoring Results during Evening on Normal Weekdays (19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)*

Evening on Normal Weekdays (19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)	Measured Noise Level $L_{eq}$ (5 min), dB(A)		
	Average	Min.	Max.
NM1	56.8	46.5	72.7
NM2	60.0	56.7	69.1

**Table 3.5** *Summary of Noise Monitoring Results during Night-time (23:00-07:00 hrs of the next day)*

Night-time (23:00-07:00 hrs of the next day)	Measured Noise Level $L_{eq}$ (5 min), dB(A)		
	Average	Min.	Max.
NM1	54.7	46.6	70.4
NM2	58.1	56.6	69.8

### 3.8 ACTION AND LIMIT LEVELS

The Action and Limit Levels were established in accordance with the updated EM&A Manual. The baseline noise level should be referenced during the compliance check during the impact noise monitoring period. Table 3.6 presents the Action and Limit Levels for construction noise of the Project.

**Table 3.6** *Action and Limit Levels for Construction Noise*

Time Period	Action Level <sup>(a)</sup>	Limit Level <sup>(b)</sup>
07:00 – 19:00 hrs on normal weekdays	When one documented complaint is received from any one of the noise sensitive receivers (NSRs)  or 75 dB(A) recorded at the monitoring station	75 dB(A) at NSRs

**Notes:**

- (a) 75dB(A) along and at about 100m from the SENTX site boundary was set as the Action Level.
- (b) Limits specified in the GW-TM and IND-TM for construction and operational noise, respectively.

### 3.9 EVENT AND ACTION PLAN

Should non-compliance of the noise criteria occur, actions in accordance with the Event and Action Plan in Table 3.7 shall be carried out.

**Table 3.7** *Event and Action Plan for Construction Noise*

Event	Action		
	ET	IEC	Contractor
<p>Action Level</p> <ul style="list-style-type: none"> <li>Identify the source(s) and investigate the cause(s) of exceedance and complaint</li> <li>Prepare Notification of Exceedance within 24 hours</li> <li>Inform Contractor, IEC and Project Proponent whether the cause of exceedance is due to the Project</li> <li>Discuss with Contractor and IEC for remedial measures required</li> <li>Ensure remedial measures are properly implemented</li> <li>Have additional monitoring if exceedance is due to the Project. If exceedance stops, cease additional monitoring</li> </ul>	<ul style="list-style-type: none"> <li>Verify the Notification of Exceedance</li> <li>Check monitoring data submitted by ET</li> <li>Discuss with ET and Contractor on proposed remedial measures</li> <li>Review proposals on remedial measures</li> <li>Audit the implementation of the remedial measures</li> <li>Audit the effectiveness of the implemented remedial measures</li> </ul>	<ul style="list-style-type: none"> <li>Submit proposals for remedial measures to IEC</li> <li>Implement the agreed proposals</li> </ul>	
<p>Limit Level</p> <ul style="list-style-type: none"> <li>Identify the source(s) and investigate the cause(s) of exceedance and complaint</li> <li>Prepare Notification of Exceedance within 24 hours</li> <li>Inform Contractor, IEC, Project Proponent and EPD whether the cause of exceedance is due to the Project</li> <li>Analyse the operation of SENTX and investigate the causes of exceedance</li> <li>Provide interim report to Contractor, IEC, Project Proponent and EPD the causes of the exceedances</li> <li>Discuss with Contractor and IEC for remedial measures required</li> <li>Ensure remedial measures are properly implemented</li> <li>Report the remedial measures implemented and the additional monitoring results to Contractor, IEC, Project Proponent and EPD</li> <li>Have additional monitoring if exceedance is due to the Project. If exceedance stops, cease additional monitoring</li> </ul>	<ul style="list-style-type: none"> <li>Verify the Notification of Exceedance</li> <li>Check monitoring data submitted by ET</li> <li>Discuss with ET and Contractor on proposed remedial measures</li> <li>Review proposals on remedial measures</li> <li>Audit the implementation of the remedial measures</li> <li>Audit the effectiveness of the implemented remedial measures</li> </ul>	<ul style="list-style-type: none"> <li>Take immediate measures to avoid further exceedance</li> <li>Submit proposals for remedial measures to IEC within 3 working days of notification</li> <li>Implement the agreed proposals</li> <li>Resubmit proposals if problem still not under control</li> <li>Stop the relevant activity of works as determined by the Project Proponent until the exceedance is abated</li> </ul>	

## 4 SURFACE WATER QUALITY

### 4.1 MONITORING REQUIREMENT

According to the updated EM&A Manual of the Project, baseline surface water quality monitoring shall be carried out at the two designated surface water discharge points (i.e. DP3 and DP4) for 3 days per week for 4 consecutive weeks prior to the commencement of construction works of the Project. Further details of the baseline surface water quality monitoring under this Project are presented in the following sections.

### 4.2 MONITORING EQUIPMENT

The measurements of pH, electrical conductivity (EC) and DO should be undertaken *in situ*. *In situ* monitoring instruments in compliance with the specifications listed under Section 4.2.2 of the updated EM&A Manual were used to undertake the surface water quality monitoring for the Project.

Table 4.1 summarises the equipment used in the baseline surface water quality monitoring works. Copies of the calibration certificates are attached in Annex C1.

Table 4.1 Surface Water Quality Monitoring Equipment

Equipment	Model
pH Meter	Oakton pH 450 (S/N: 2607885)
Electrical Conductivity Meter	YSI Pro 30 (S/N: 17B101804)
Dissolved Oxygen Meter	Oakton DO 300 (S/N: 2105784)

### 4.3 MONITORING LOCATIONS

Baseline surface water quality monitoring was conducted at one monitoring location (i.e. DP4) initially under the Project. For DP3, as confirmed by the FEP holder, given that there will not be any SENTX related construction works at the SENT Landfill restored area (i.e. the catchment of DP3 within the Project boundary) by 2021/2022 tentatively, baseline surface water quality monitoring at DP3 will be carried out before the actual commencement of construction works at the restored area affecting DP3 by 2021. Annex C4 shows the catchment area of DP3 with tentative construction. Baseline monitoring schedule for DP3 will be submitted to IEC and EPD (EIAO Authority) at least one week before the commencement of the monitoring as per Section 4.2.4 of the updated EM&A Manual.

Locations of the monitoring stations are shown in Figure 2.1.



The monitoring parameters and frequency of the baseline surface water quality monitoring are presented in *Table 4.2*.

During the first two weeks of the 4-week monitoring between 6 and 31 August 2018, surface water monitoring was scheduled on Monday, Wednesday and Friday to fulfill the requirement that the interval between two sets of monitoring events should not be less than 36 hours. However, sampling could not be carried out for some scheduled events due to insufficient flow and surface water sampling was only carried out on 17 August 2018 at DP4.

In order to obtain more data to establish the baseline levels, sampling frequency was increased to daily whenever there was sufficient flow during the third and fourth weeks between 20 and 31 August 2018. Sampling was carried out daily at DP4 (except on 22 August 2018).

Available historical monitoring results between 2011 and 2018 were also used to establish the baseline levels which the upstream and surrounding conditions since 2011 were similar to the existing baseline conditions with the completion of restoration at the upstream areas and hence are representative of the baseline surface water conditions.

**Table 4.2** *Frequency and Parameters of Baseline Surface Water Quality Monitoring*

Monitoring Station	Location	Frequency <sup>(a)</sup>	Parameter
DP4	Surface water discharge point DP4	17 August 2018, daily between 20-21, 23-24 and 27-31 August 2018	<ul style="list-style-type: none"> <li>• pH</li> <li>• EC</li> <li>• DO</li> <li>• SS</li> <li>• COD</li> <li>• BOD5</li> <li>• TOC</li> <li>• Ammoniacal-N</li> <li>• Nitrate-nitrogen</li> <li>• Nitrite-nitrogen</li> <li>• TKN</li> <li>• TN</li> <li>• Phosphate</li> <li>• Sulphate</li> <li>• Sulphide</li> <li>• Carbonate</li> <li>• Oil &amp; Grease</li> </ul>
			<ul style="list-style-type: none"> <li>• Bicarbonate</li> <li>• Chloride</li> <li>• Sodium</li> <li>• Potassium</li> <li>• Calcium</li> <li>• Magnesium</li> <li>• Nickel</li> <li>• Manganese</li> <li>• Chromium</li> <li>• Cadmium</li> <li>• Copper</li> <li>• Lead</li> <li>• Iron</li> <li>• Zinc</li> <li>• Mercury</li> <li>• Boron</li> </ul>

Monitoring Location Station	Frequency <sup>(a)</sup>	Parameter
<b>Notes:</b>		
(a) The 4-week monitoring period was between 6 and 31 August 2018. During the first two weeks, surface water monitoring was scheduled on Monday, Wednesday and Friday which the interval between two sets of monitoring was more than 36 hours. However, sampling could not be carried out for some scheduled events due to insufficient flow. In order to obtain more data to establish the baseline levels, sampling frequency was increased to daily whenever there was sufficient flow during the third and fourth weeks.		
(b) Available historical monitoring results between 2011 and 2018 were also used to establish the baseline levels for DP4.		

## 4.5 MONITORING METHODOLOGY

### 4.5.1 Operating/Analytical Procedures

At the monitoring location, samples were obtained from the surface water body using an open mouthed polyethylene vessel with a lip. *In situ* measurements of DO level, DO Saturation, EC, pH and temperature were taken using *in situ* monitoring instruments. Samples were collected for laboratory analysis of parameters listed in Table 4.2. Following collection, water samples for laboratory analysis were stored in containers in appropriate type and size depending on the parameters to be analysed, packed in ice (cooled to 4°C without being frozen) and kept in dark during both on-site temporary storage and shipment to the testing laboratory. The samples were delivered to the laboratory as soon as possible and the laboratory determination works started within 24 hours after collection of the water samples. Sufficient volume of samples was collected to achieve the detection limit.

### 4.5.2 Laboratory Analytical Methods

The testing of parameters presented in Table 4.2 for all stations was conducted by ALS Technichem (HK) Pty Ltd. (HOKLAS Registration No. 066). Comprehensive quality assurance and control procedures were in place in order to ensure quality and consistency in results. The testing method and detection limit are provided in Table 4.4.

**Table 4.4 Methods for Laboratory Analysis for Water Samples**

Parameter	Analytical Method	Analytical Detection Limit (mg L <sup>-1</sup> )
COD	APHA 5220 B	2
BOD <sub>5</sub>	APHA 5210 B	2
Total Organic Carbon	APHA 5310 B	1
Sodium	USEPA 6010C	0.05
Potassium	USEPA 6010C	0.05
Calcium	USEPA 6010C	0.05
Magnesium	USEPA 6010C	0.05
Carbonate	APHA 2320 B	1
Bicarbonate	APHA 2320 B	1

<b>Parameter</b>	<b>Analytical Method</b>	<b>Analytical Detection Limit (mg L<sup>-1</sup>)</b>
Nickel	USEPA 6020A	0.001
Manganese	USEPA 6020A	0.001
Nitrate-nitrogen	APHA 4500NO <sub>3</sub> : I	0.01
Nitrite-nitrogen	APHA 4500NO <sub>3</sub> : I	0.01
Sulphate	USEPA 375.4	1
Phosphate	APHA 4500P: B & F	0.01
Chloride	USEPA 325.1	1
Sulphide	APHA 4500S <sup>2-</sup> : D	0.1
Chromium	USEPA 6020A	0.001
Cadmium	USEPA 6020A	0.0002
Copper	USEPA 6020A	0.001
Lead	USEPA 6020A	0.001
pH	APHA 4500H <sup>+</sup> : B	0.1 (pH unit)
Electrical Conductivity	APHA 2510 B	1 (µS/cm)
Iron	USEPA 6010C	0.04
Zinc	USEPA 6020A	0.01
Ammoniacal - nitrogen	APHA 4500NH <sub>3</sub> : G	0.1
Dissolved Oxygen	APHA 4500O: C	0.1
Oil & Grease	APHA 5520 B	5
Mercury	USEPA 245.7	0.002
Boron	USEPA 6020A	0.01
TKN	APHA 4500Norg: D	0.1
Total Nitrogen	APHA 4500Norg: D APHA 4500NO <sub>3</sub> : I	0.1
Suspended Solids	APHA 2540 D	1

## 4.6 QA/QC REQUIREMENTS

### 4.6.1 Calibration of In-situ Instruments

All *in situ* monitoring instruments were checked, calibrated and certified by a laboratory accredited under HOKLAS or other international accreditation scheme before use, and subsequently re-calibrated at 3 monthly intervals throughout all stages of the surface water quality monitoring programme. Responses of sensors and electrodes were checked with certified standard solutions before each use. Calibration for a DO meter was carried out before measurement according to the instruction manual of the equipment model.

For the on-site calibration of field equipment, the requirements of the BS 1427:1993, "Guide to on-site test methods for the analysis of waters" was observed.

### 4.6.2 Decontamination Procedures

Water sampling equipment used during the course of the monitoring programme was decontaminated by manual washing and rinsed with clean distilled water after each sampling location.

#### 4.6.3 *Sampling Management and Supervision*

All sampling bottles were labelled with the sample ID (including the indication of sampling station), laboratory number and sampling date. Water samples were dispatched to the testing laboratory for analysis as soon as possible after the sampling. All samples were stored in a cool box and kept at less than 4°C but without frozen. All water samples were handled under chain of custody protocols and relinquished to the laboratory representatives at locations specified by the laboratory. The laboratory determination works started within 24 hours after collection of water samples.

#### 4.6.4 *Quality Control Measures for Sample Testing*

The samples testing were performed by ALS Technichem (HK) Pty Ltd. The following quality control programme was performed by the laboratory for every batch of 20 samples:

- One method blank; and
- One sample duplicate.

#### 4.7 *BASELINE MONITORING RESULTS*

Baseline surface water quality monitoring was conducted at one monitoring station (DP4) between 6 August and 31 August 2018. The detailed monitoring schedule is shown in *Annex C2*. The monitoring results at each monitoring station including the available historical monitoring results between 2011 and 2018 are shown in *Annex C3*. Graphical presentation of surface water quality (DO, SS and pH) at the monitoring stations is given in *Annex C4*.

During the baseline monitoring period, site clearance works were observed downstream of the DP4 sampling point during some monitoring events (24, 28 - 31 August 2018). These works were being undertaken by the TKO Area 137 Contractor in an area of the site still to be handed over to GVL. Considered the limited scale and location of the works, the impact on the surface water quality samples is anticipated to be insignificant. The baseline monitoring results are thus considered representative of the ambient surface water quality levels for DP4.

#### 4.8 *ACTION AND LIMIT LEVELS*

The Action and Limit Levels for DO, SS and pH are determined in accordance with requirements set out in the updated EM&A Manual which are summarized in *Table 4.5*. According to the *Table 4.2a* of the updated EM&A Manual, as the catchment of the new DP6 will be from the hillside, similar to the current DP4 catchment, the baseline data of DP4 will be used to set the Action and limit Levels for DP6.

**Table 4.5** *Guidelines for Establishing Action and Limit Levels for Surface Water Quality*

<b>Parameters</b>	<b>Action Level</b>	<b>Limit Level</b>
DO	< 5%-ile of baseline data	< 1%-ile of baseline data
SS	> 95%-ile of baseline data	> 99%-ile of baseline data
pH	> 95%-ile of baseline data	> 99%-ile of baseline data

The Action and Limit levels for surface water quality impact monitoring are determined and presented in *Table 4.6*.

**Table 4.6** *Action and Limit Levels for Surface Water Quality*

Parameters	Action Level	Limit Level
	DP4 & DP6	DP4 & DP6
DO	< 5.80 mg/L	< 5.42 mg/L
SS	> 11.7 mg/L <sup>(a)</sup>	> 12.7 mg/L <sup>(a)</sup>
pH	> 8.39	> 8.40

**Note:**

(a) SS data collected at DP4 on 17 Aug 2018 is considered outlier. This data is discarded and is not used to establish the Action and Limit levels. All the data including the discarded value will be reviewed and used as references during the future impact monitoring.

**4.9** *EVENT AND ACTION PLAN*

Should non-compliance of the surface water quality criteria occur, action in accordance with the Event and Action Plan in *Table 4.7* shall be carried out.

**Table 4.7** *Event and Action Plan for Surface Water Quality During Construction Phase*

Event	Action		
	ET	IEC	Contractor
Action Level being exceeded by one sampling day	<ul style="list-style-type: none"> <li>Repeat <i>in situ</i> measurement to confirm findings</li> <li>Identify the source(s) and investigate the cause(s) of exceedance</li> <li>Prepare Notification of Exceedance within 24 hours</li> <li>Inform Contractor, IEC and Project Proponent whether the cause of exceedance is due to the Project</li> <li>Repeat measurement on the next day of exceedance if exceedance is due to the Project</li> </ul>	<ul style="list-style-type: none"> <li>Verify the Notification of Exceedance</li> <li>Check monitoring data submitted by ET</li> <li>Check Contractor's working methods</li> </ul>	<ul style="list-style-type: none"> <li>Rectify any unacceptable practice</li> <li>Amend working methods if appropriate</li> </ul>
Action Level being exceeded by two consecutive sampling days	<ul style="list-style-type: none"> <li>Repeat <i>in situ</i> measurement to confirm findings</li> <li>Identify the source(s) and investigate the cause(s) of exceedance</li> <li>Prepare Notification of Exceedance within 24 hours</li> <li>Inform Contractor, IEC and Project Proponent whether the cause of exceedance is due to the Project</li> <li>Discuss with Contractor and IEC for remedial measures required</li> <li>Ensure remedial measures are properly implemented</li> <li>Increase the monitoring frequency to daily if exceedance is due to the Project and continue until no exceedance of Action Level</li> </ul>	<ul style="list-style-type: none"> <li>Verify the Notification of Exceedance</li> <li>Check monitoring data submitted by ET</li> <li>Check Contractor's working methods</li> <li>Discuss with ET Leader and Contractor on proposed remedial measures</li> <li>Review proposals on remedial measures</li> <li>Audit the implementation of the remedial measures</li> <li>Audit the effectiveness of the implemented remedial measures</li> </ul>	<ul style="list-style-type: none"> <li>Submit proposals for remedial measures to IEC</li> <li>Implement the agreed proposals</li> <li>Amend proposal if appropriate</li> </ul>

Event	Action		
	ET	IEC	Contractor
Limit Level being exceeded by two consecutive sampling days	<ul style="list-style-type: none"> <li>Repeat <i>in situ</i> measurement to confirm findings</li> <li>Identify source(s) of impact and cause(s) of exceedance</li> <li>Prepare the Notification of Exceedance within 24 hours</li> <li>Inform Contractor, IEC, Project Proponent and EPD whether the cause of exceedance is due to the Project</li> <li>Discuss with Contractor and IEC for remedial measures required</li> <li>Ensure remedial measures are properly implemented</li> <li>Increase the monitoring frequency to daily if exceedance is due to the Project until no exceedance of Limit Level</li> </ul>	<ul style="list-style-type: none"> <li>Verify the Notification of Exceedance</li> <li>Check monitoring data submitted by ET</li> <li>Check Contractor's working methods</li> <li>Discuss with ET and Contractor on proposed remedial measures</li> <li>Review proposals on remedial measures</li> <li>Audit the implementation of the remedial measures</li> <li>Audit the effectiveness of the implemented remedial measures</li> </ul>	<ul style="list-style-type: none"> <li>Critically review the working methods</li> <li>Rectify unacceptable practice</li> <li>Check all plant and equipment</li> <li>Consider changes of working methods</li> <li>Discuss with the ET and IEC and propose mitigation measures to the IEC</li> <li>Implement the agreed mitigation measures</li> <li>Increase</li> </ul>
Limit Level being exceeded by more than two consecutive sampling days	<ul style="list-style-type: none"> <li>Repeat <i>in situ</i> measurement to confirm findings</li> <li>Identify source(s) of impact and cause(s) of exceedance</li> <li>Prepare the Notification of Exceedance within 24 hours</li> <li>Inform Contractor, IEC, Project Proponent and EPD whether the cause of exceedance is due to the Project</li> <li>Check monitoring data, all plant, equipment and Contractor's working methods</li> <li>Discuss with Contractor and IEC for remedial measures required</li> <li>Ensure mitigation measures are implemented</li> <li>Increase the monitoring frequency to daily if exceedance is due to the Project until no exceedance of Limit Level for two consecutive days</li> </ul>	<ul style="list-style-type: none"> <li>Verify the Notification of Exceedance</li> <li>Check monitoring data submitted by ET</li> <li>Check Contractor's working methods</li> <li>Discuss with ET and Contractor on proposed remedial measures</li> <li>Review proposals on remedial measures</li> <li>Audit the implementation of the remedial measures</li> <li>Audit the effectiveness of the implemented remedial measures</li> </ul>	<ul style="list-style-type: none"> <li>Critically review the working methods</li> <li>Rectify unacceptable practice</li> <li>Check all plant and equipment</li> <li>Consider changes of working methods</li> <li>Discuss with the ET and IEC and propose mitigation measures</li> <li>Implement the agreed mitigation measures</li> <li>As directed by the Project Proponent, slow down or stop all or part of the construction activities</li> </ul>



## 5 LANDSCAPE AND VISUAL

### 5.1 MONITORING REQUIREMENT

According to the updated EM&A Manual of the Project, the landscape and visual baseline will be determined with reference to the habitat maps included in the approved EIA Report taken into account of the latest design and Tree Survey Report as well as site conditions verification surveys. The site conditions verification surveys were conducted in August and September 2018 to verify if there is any major change to the landscape and visual conditions with reference to the approved EIA Report. Further details are presented in the following sections.

### 5.2 MONITORING METHODOLOGY

Site conditions verification surveys were conducted in August and September 2018 around the Project area. In particular, the Landscape Resources (LRs) and Landscape Character Areas (LCAs) for the Project identified in the approved EIA Report (*Figure 10.5b-e* and *Figure 10.5g-h* of the approved EIA Report refer) were revisited as far as practicable to verify if there is any major change of landscape baseline with reference to the approved EIA Report.

### 5.3 MONITORING RESULTS

#### 5.3.1 Landscape Resources (LRs)

LRs were identified during the EIA stage. The site conditions verification surveys were conducted in August and September 2018 and these LRs were revisited as far as practicable. The detailed descriptions of the LRs presented in the approved EIA Report and the updated baseline conditions are summarised in *Table 5.1*:

*Table 5.1 Landscape Resources*

	Approved EIA report	2018 Baseline
LR1	Shrubs and topography on Fat Tong Chau Hillside	
LR2	Trees and shrubs in TVB City of Tseung Kwan O Industrial Estate	
LR3	Shrubs in Hong Kong Aircraft Engineering Building, TKO Industrial Estate	
LR4	Trees along Chun Wang Street	
LR5	Trees along Wan Po Road	
LR6	Drainage channel in TKO Area 137	
LR7	Trees in northern part of TKO Area 137	
LR8	Coastal water east of TKO Area 137	
LR9	Shrubs in southern part of TKO Area 137	
LR10	Stream on Fat Tong Chau Hillside	
LR11	Trees and shrubs along lower hillside of Tin Ha Shan	
LR12	Site office area of SENT Landfill	

	Approved EIA report	2018 Baseline
LR13	Plantation and topography in South SENT Landfill	
LR14	Plantation and topography in South-East SENT Landfill	Access road and topography in South-East SENT Landfill
LR15	Plantation and topography in West SENT Landfill	
LR16	Grassland and topography in SENT Landfill	Shrubs and topography in SENT Landfill
LR17	Man-made slope with shrubs and grass in SENT Landfill	
LR18	NOT USED	
LR19	Trees, shrubs and topography in Ha Shan Tuk	
LR20	Shrubs and topography in Tin Ha Shan	
LR21	Streams in Tin Ha Shan	
LR22	Trees, shrubs and topography in Tin Ha Au	
LR23	Shrubs and Topography in Lower ridge east of TKO Area 137	
LR24	Grass, shrubs and topography on upper ridge east of TKO Area 137	
LR25	Sandy shore south of ridge east of TKO Area 137	
LR26	Streams in Tin Ha Au	
LR27	Sandy shore off Tin Ha Au	
LR28	Coastal water off Tin Ha Au	

The updated baseline conditions with photos of the LRs are presented in *Annex D1*. During the site conditions verification surveys, change of landscape resource / element was identified at LR14 and LR16. The plantation in South-East SENT Landfill at LR14 was eradicated and turns into an access road for the existing SENT Landfill within the SENTX site boundary. While the vegetation (grassland) at LR16 becomes more mature with a larger area of shrubs compared to that presented in the approved EIA Report.

### 5.3.2 *Landscape Character Areas (LCAs)*

LCAs were identified during the EIA stage. The site conditions verification surveys were conducted in August and September 2018 and these LCAs were revisited as far as practicable. The detailed descriptions of the LCAs presented in the approved EIA Report and the updated baseline conditions are summarised in *Table 5.2*:

**Table 5.2** *Landscape Character Areas*

	Approved EIA report	2018 Baseline
LCA1	Fat Tong O Reclamation	
LCA2	Tseung Kwan O Industrial Estate	
LCA3	SENT Landfill	
LCA4	Fat Tong Chau Headland	
LCA5	Clear Water Bay Peninsular Central Coastal Uplands	
LCA6	Tathong Channel	

The updated baseline conditions with photos of the LCAs are presented in *Annex D2*. During the site conditions verification surveys, no major change of landscape character area / element was identified.

#### 5.4

#### *SUMMARY*

Base on the results of the site conditions verification surveys conducted in August and September 2018 with reference to the LRs and LCAs identified in the approved EIA Report, it is concluded that the landscape and visual baseline conditions is similar to those presented in the approved EIA Report, except LR14 and LR16. The observed deviations of the actual baseline conditions from the predicted baseline at LR14 and LR16 as shown in the approved EIA Report are considered minor and do not significantly alter the overall landscape and visual baseline condition. Therefore, the landscape and visual impact assessment as presented in the approved EIA Report is considered valid. Additional landscape and visual mitigation measures other than those recommended in the approved EIA Report are thus not required.

In accordance with the updated EM&A Manual of the Project, baseline monitoring was undertaken prior to commencement of the construction works for the following baseline monitoring components:

- Air Quality (construction dust is the key concern during the construction phase);
- Noise;
- Surface water Quality; and
- Landscape and Visual

Air quality monitoring of dust was conducted at two monitoring stations (DM1 and DM2) under the on-going EM&A programme TKO Area 137 Fill Bank. The recent one year historical data taking account of the seasonal variations are considered representative to the ambient air quality conditions of the sensitive receivers in the vicinity of the Project. The Action and Limit Levels for dust (24-hour TSP levels) were established.

Baseline noise monitoring was conducted at two monitoring stations (NM1 and NM2) between 24 August and 10 September 2018. The major noise sources identified at the monitoring stations are the noise from the operation of the existing SENT landfill and insect. The baseline monitoring results are considered representative of the current ambient noise level.

Baseline surface water quality monitoring was conducted at one monitoring station (DP4) between 6 August and 31 August 2018. Site clearance works were observed in the vicinity of DP4 during some monitoring events at the downstream of DP4. Considered the limited scale and location of the works, the impact on the surface water quality samples is anticipated to be insignificant. The baseline monitoring results are thus considered representative of the ambient surface water quality levels. Action and Limit Levels for dissolved oxygen (DO), suspended solids (SS) and pH were established based on the baseline monitoring results.

Site conditions verification surveys for landscape and visual baseline were conducted in August and September 2018 to revisit the identified Landscape Resources (LRs) and Landscape Character Areas (LCAs) in the approved EIA Report. The survey results concluded that the landscape and visual baseline conditions is similar to those presented in the approved EIA Report, except LR14 and LR16. The observed deviations at LR14 and are considered minor and do not significantly alter the overall landscape and visual baseline condition. Additional landscape and visual mitigation measures other than those recommended in the approved EIA Report are thus not required.

Annex A

## Air Quality

Annex A1

# Calibration Certificates for Dust Monitoring Equipment



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### Calibration Report

of

### High Volume Air Sampler

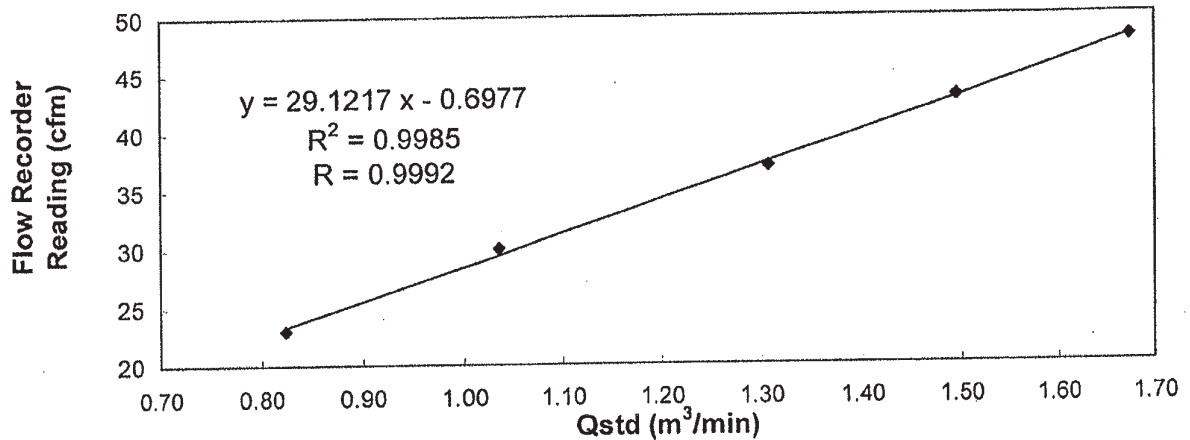
**Manufacturer :** Graseby 105 **Date of Calibration :** 16 May 2017  
**Serial No. :** 9795 (ET/EA/003/18) **Calibration Due Date :** 15 July 2017  
**Method :** Five-point calibration by using standard calibration kit Tisch TE-5025A refer to the Operations Manual

**Results :**

Flow recorder reading (cfm)	48	43	37	30	23
Qstd (Actual flow rate, m <sup>3</sup> /min)	1.67	1.49	1.31	1.03	0.82
Pressure :	759.06 mm Hg			Temp. :	299 K

### Sampler 9795 Calibration Curve

Site: Tseung Kwan O 137 (TKO-A1)



Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5-point calibration

The high volume sampler complies\* / ~~does not comply\*~~ with the specified requirements and is deemed acceptable\* / unacceptable\* for use.

Calibrated by : MAK Kei Wai  
MAK, Kei Wai  
(Assistant Supervisor)

Checked by : LAW Sau Yee  
LAW, Sau Yee  
(Senior Environmental Officer)



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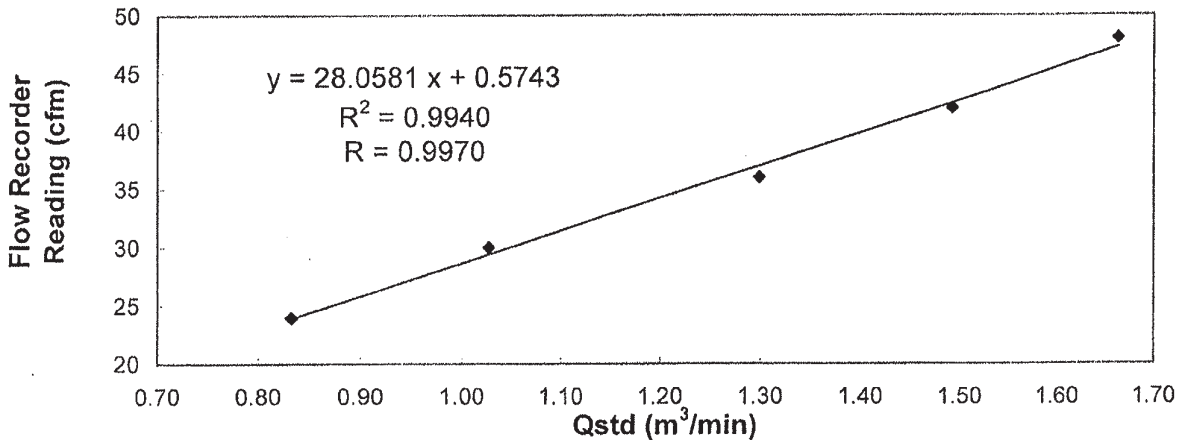
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Calibration Report  
of  
High Volume Air Sampler

Manufacturer : Graseby 105 Date of Calibration : 14 July 2017  
Serial No. : 9795 ( ET / EA / 003 / 18 ) Calibration Due Date : 13 September 2017  
Method : Five-point calibration by using standard calibration kit Tisch TE-5025A refer to the Operations Manual

Results	Flow recorder reading (cfm)	48	42	36	30	24
	Qstd (Actual flow rate, m <sup>3</sup> /min)	1.66	1.49	1.30	1.03	0.83
	Pressure : 756.06 mm Hg	Temp. : 302 K				

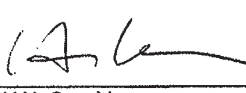
**Sampler 9795 Calibration Curve**  
Site: Tseung Kwan O 137 (TKO-A1)



Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5-point calibration

The high volume sampler complies\* / ~~does not comply\*~~ with the specified requirements and is deemed acceptable\* / unacceptable\* for use.

Calibrated by :   
KWANI King Ming  
(Assistant Supervisor)

Checked by :   
LAW, Sau Yee  
(Senior Environmental Officer)





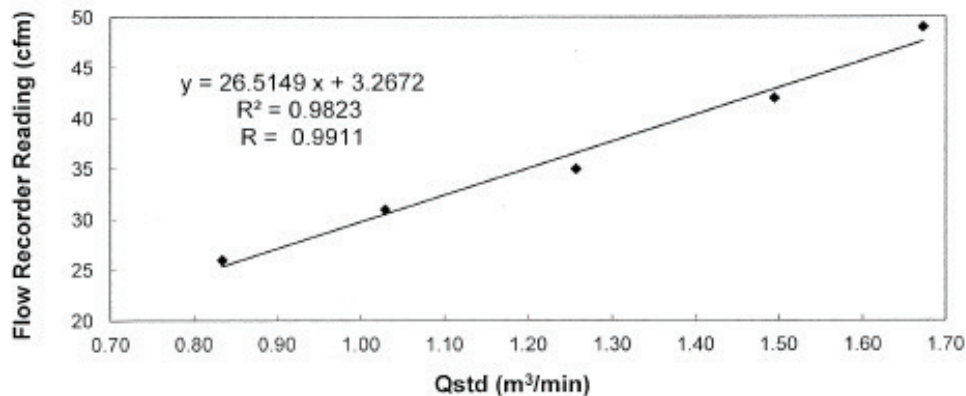
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**Calibration Report**  
of  
**High Volume Air Sampler**

**Manufacturer** : Graseby 105                      **Date of Calibration** : 11 September 2017  
**Serial No.** : 9795 ( ET / EA / 003 / 18 )                      **Calibration Due Date** : 10 November 2017  
**Method** : Five-point calibration by using standard calibration kit Tisch TE-5025A refer to the Operations Manual

<b>Results</b> :	Flow recorder reading (cfm)	49	42	35	31	26
	Qstd (Actual flow rate, m <sup>3</sup> /min)	1.67	1.49	1.26	1.03	0.83
	Pressure :	763.56 mm Hg		Temp. :	304 K	

**Sampler 9795 Calibration Curve**  
Site: Tseung Kwan O 137 (TKO-A1)



Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5-point calibration

The high volume sampler complies\* / does not comply\* with the specified requirements and is deemed acceptable\* / unacceptable\* for use.

Calibrated by : MAK, Kei Wai  
MAK, Kei Wai  
(Assistant Supervisor)

Checked by : LAW, Sau Yee  
LAW, Sau Yee  
(Senior Environmental Officer)



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Calibration Report  
of  
High Volume Air Sampler

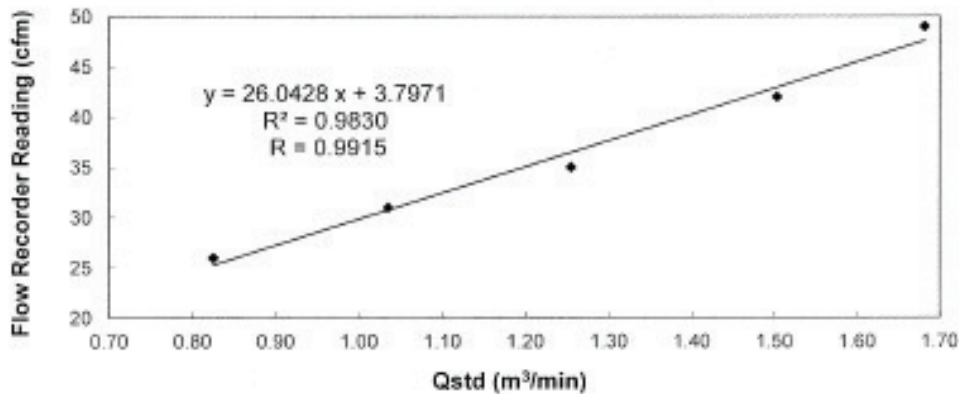
**Manufacturer** : Graseby 105 \_\_\_\_\_ **Date of Calibration** : 10 November 2017 \_\_\_\_\_

**Serial No.** : 9795 ( ET / EA / 003 / 18 ) \_\_\_\_\_ **Calibration Due Date** : 09 January 2018 \_\_\_\_\_

**Method** : Five-point calibration by using standard calibration kit Tisch TE-5025A refer to the Operations Manual


<b>Results</b>	Flow recorder reading (cfm)	49	42	35	31	26
	Qstd (Actual flow rate, m <sup>3</sup> /min)	1.68	1.50	1.25	1.03	0.82
	Pressure :	762.06 mm Hg		Temp :	300 K	

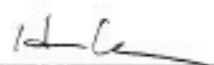
**Sampler 9795 Calibration Curve**  
**Site: Tseung Kwan O 137 (TKO-A1)**



Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5-point calibration

The high volume sampler complies\* / does-not-comply\* with the specified requirements and is deemed acceptable\*/ unacceptable\* for use.

Calibrated by :  \_\_\_\_\_  
CHAN, Wai Man  
(Technician)

Checked by :  \_\_\_\_\_  
LAW, Sau Yee  
(Senior Environmental Officer)

- END OF REPORT -

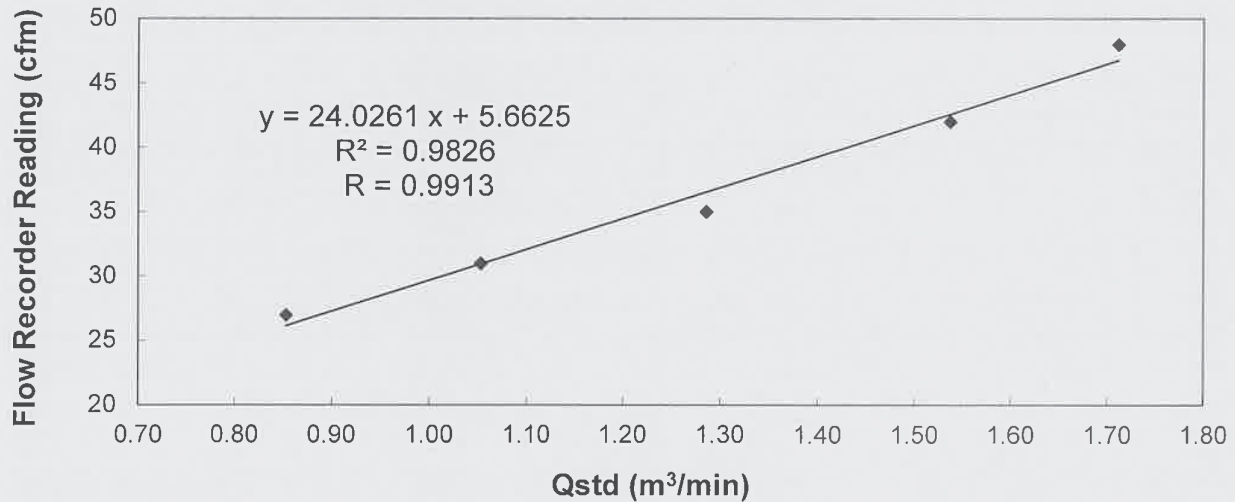


Calibration Report  
of  
High Volume Air Sampler

**Manufacturer** : Graseby 105 Date of Calibration : 08 January 2018  
**Serial No.** : 9795 ( ET / EA / 003 / 18 ) Calibration Due Date : 07 March 2018  
**Method** : Five-point calibration by using standard calibration kit Tisch TE-5025A refer to the Operations Manual

<b>Results</b>	Flow recorder reading (cfm)	48	42	35	31	27
	Qstd (Actual flow rate, m <sup>3</sup> /min)	1.71	1.54	1.29	1.05	0.85
	Pressure : 762.81 mm Hg	Temp. : 290 K				

**Sampler 9795 Calibration Curve**  
Site: Tseung Kwan O 137 (TKO-A1)

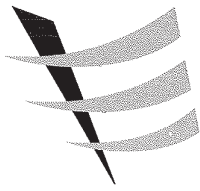


Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5-point calibration

The high volume sampler complies\* / does not comply\* with the specified requirements and is deemed acceptable\* / unacceptable\* for use.

Calibrated by : MAK, Kei Wai  
MAK, Kei Wai  
(Assistant Supervisor)

Checked by : LAU, Chi Leung  
LAU, Chi Leung  
(Environmental Team Leader)



**Calibration Report**  
of  
**High Volume Air Sampler**

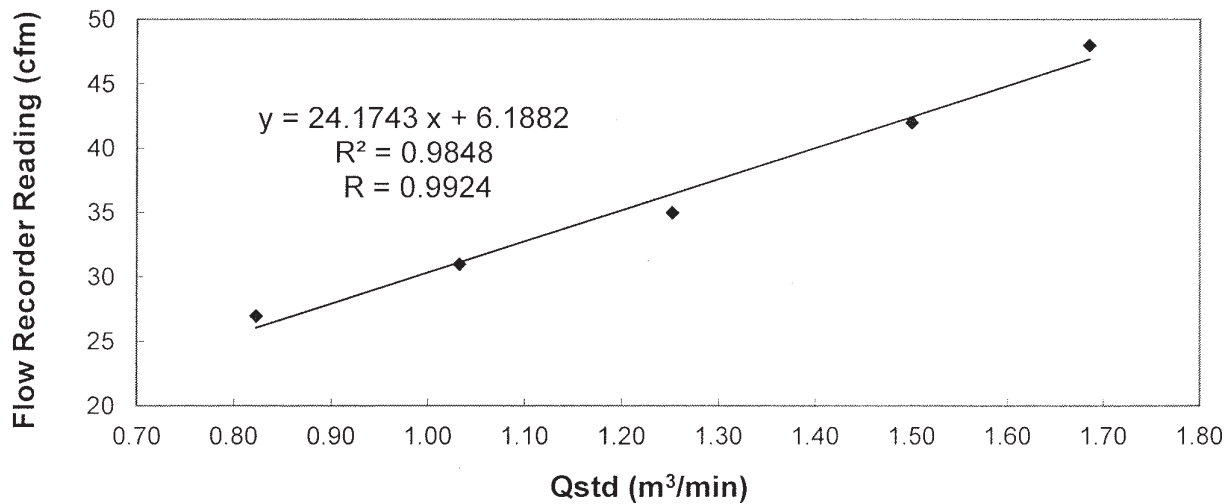
Manufacturer : Graseby 105 Date of Calibration : 05 March 2018

Serial No. : 9795 ( ET / EA / 003 / 18 ) Calibration Due Date : 04 May 2018

Method : Five-point calibration by using standard calibration kit Tisch TE-5025A refer to the Operations Manual

Results	Flow recorder reading (cfm)	48	42	35	31	27
	Qstd (Actual flow rate, m <sup>3</sup> /min)	1.68	1.50	1.25	1.03	0.82
	Pressure : 763.56 mm Hg	Temp. : 302 K				

**Sampler 9795 Calibration Curve**  
Site: Tseung Kwan O 137 (TKO-A1)

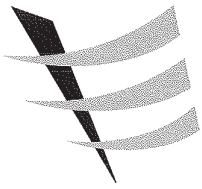


Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5-point calibration

The high volume sampler complies\* / ~~does not comply\*~~ with the specified requirements and is deemed acceptable\* / ~~unacceptable\*~~ for use.

Calibrated by : MAK Kei Wai  
MAK, Kei Wai  
(Assistant Supervisor)

Checked by : LAU Chi Leung  
LAU, Chi Leung  
(Environmental Team Leader)



Calibration Report  
of  
High Volume Air Sampler

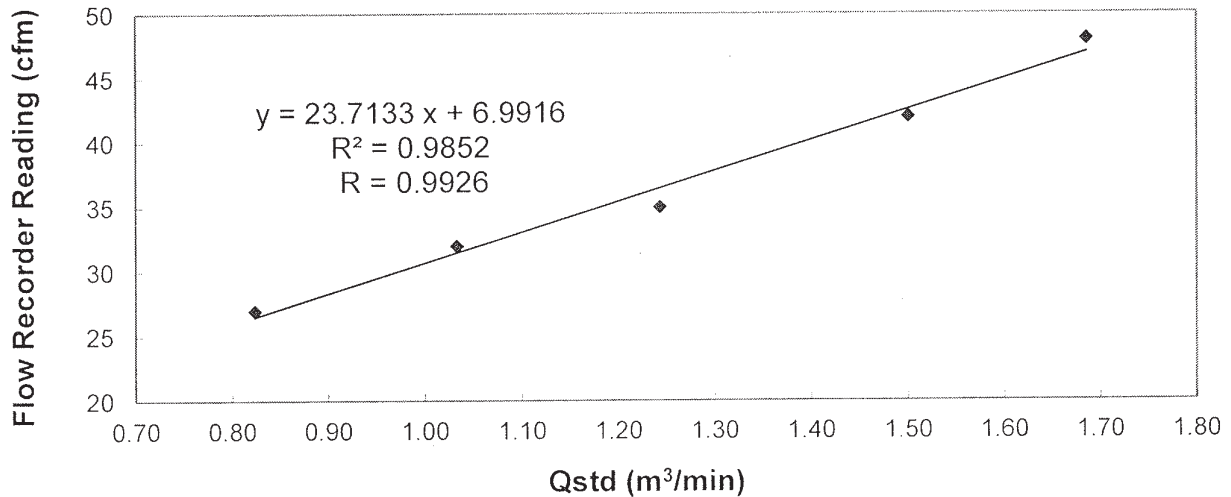
Manufacturer : Graseby 105 Date of Calibration : 02 May 2018

Serial No. : 9795 ( ET / EA / 003 / 18 ) Calibration Due Date : 01 July 2018

Method : Five-point calibration by using standard calibration kit Tisch TE-5025A refer to the Operations Manual


Flow recorder reading (cfm)	48	42	35	32	27
Qstd (Actual flow rate, m <sup>3</sup> /min)	1.69	1.50	1.24	1.03	0.82
Pressure :	762.06 mm Hg		Temp. :	301 K	

**Sampler 9795 Calibration Curve**  
Site: Tseung Kwan O 137 (TKO-A1)



Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5-point calibration

The high volume sampler complies\* / does not comply\* with the specified requirements and is deemed acceptable\* / unacceptable\* for use.

Calibrated by :   
CHAN, Wai Man  
(Technician)

Checked by :   
LAU, Chi Leung  
(Environmental Team Leader)



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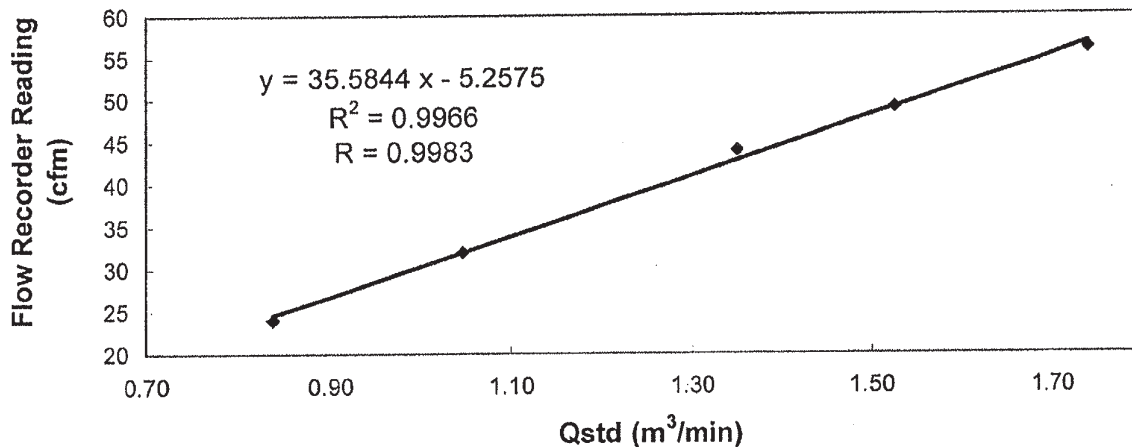
Calibration Report  
of  
High Volume Air Sampler

**Manufacturer** : Andersen G1051      **Date of Calibration** : 16 May 2017  
**Serial No.** : 1176 ( ET / EA / 003 / 05 )      **Calibration Due Date** : 15 July 2017  
**Method** : Based on Operations Manual for the 5-point calibration using standard calibration kit manufactured by Tisch TE-5025 A

**Results** :

Flow recorder reading (cfm)	56	49	44	32	24
Qstd (Actual flow rate, m <sup>3</sup> /min)	1.74	1.52	1.35	1.05	0.84
Pressure :	759.06 mm Hg			Temp. :	299 K

**Sampler 1176 Calibration Curve**  
Site: Tseung Kwan O 137 (TKO-A2a)



Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5-point calibration

The high volume sampler complies\* / ~~does not comply\*~~ with the specified requirements and is deemed acceptable\* / unacceptable\* for use.

Calibrated by : MAK Kei Wai  
MAK, Kei Wai  
(Assistant Supervisor)

Checked by : LAW Sau Yee  
LAW, Sau Yee  
(Senior Environmental Officer)





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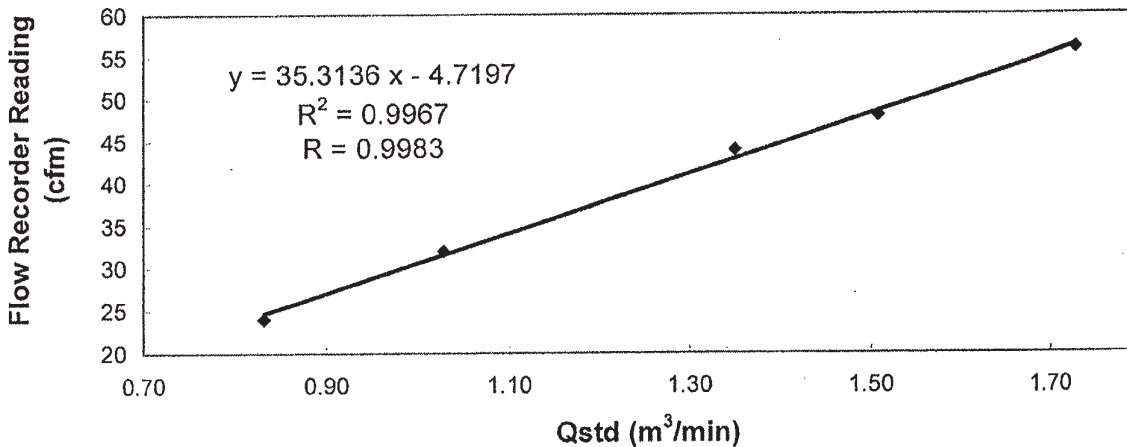
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**Calibration Report**  
**of**  
**High Volume Air Sampler**

**Manufacturer** : Andersen G1051                      **Date of Calibration** : 14 July 2017  
**Serial No.** : 1176 ( ET / EA / 003 / 05 )            **Calibration Due Date** : 13 September 2017  
**Method** : Based on Operations Manual for the 5-point calibration using standard calibration kit  
 manufactured by Tisch TE-5025 A


<b>Results</b>	Flow recorder reading (cfm)	56	48	44	32	24
	Qstd (Actual flow rate, m <sup>3</sup> /min)	1.73	1.51	1.35	1.03	0.83
	Pressure :	756.06 mm Hg			Temp. :	302 K

**Sampler 1176 Calibration Curve**  
**Site: Tseung Kwan O 137 (TKO-A2a)**



Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5-point calibration

The high volume sampler complies\* / ~~does not comply\*~~ with the specified requirements and is deemed acceptable\* / unacceptable \* for use.

Calibrated by :   
 KWAN, King Ming  
 (Assistant Supervisor)

Checked by :   
 LAW, Sau Yee  
 (Senior Environmental Officer)

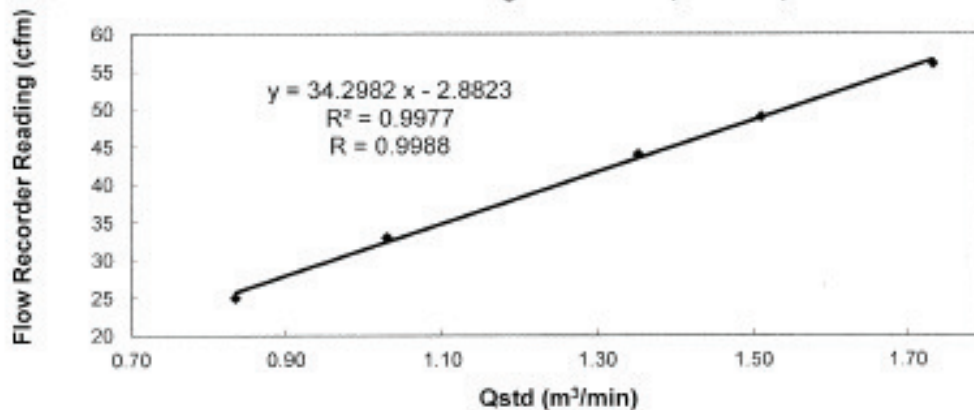
Calibration Report  
of  
High Volume Air Sampler

**Manufacturer** : Andersen G1051                      **Date of Calibration** : 11 September 2017  
**Serial No.** : 1176 (ET / EA / 003 / 05)                      **Calibration Due Date** : 10 November 2017  
**Method** : Based on Operations Manual for the 5-point calibration using standard calibration kit  
 manufactured by Tisch TE-5025 A

**Results** :

Flow recorder reading (cfm)	56	49	44	33	25
Qstd (Actual flow rate, m <sup>3</sup> /min)	1.73	1.51	1.35	1.03	0.83
Pressure :	763.66 mm Hg			Temp. :	304 K

**Sampler 1176 Calibration Curve**  
Site: Tseung Kwan O 137 (TKO-A2a)



Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5-point calibration

The high volume sampler complies\* / ~~does not comply~~\* with the specified requirements and is deemed acceptable\* / unacceptable\* for use.

Calibrated by : MAK, Kei Wai  
 MAK, Kei Wai  
 (Assistant Supervisor)

Checked by : LAW, Sau Yee  
 LAW, Sau Yee  
 (Senior Environmental Officer)





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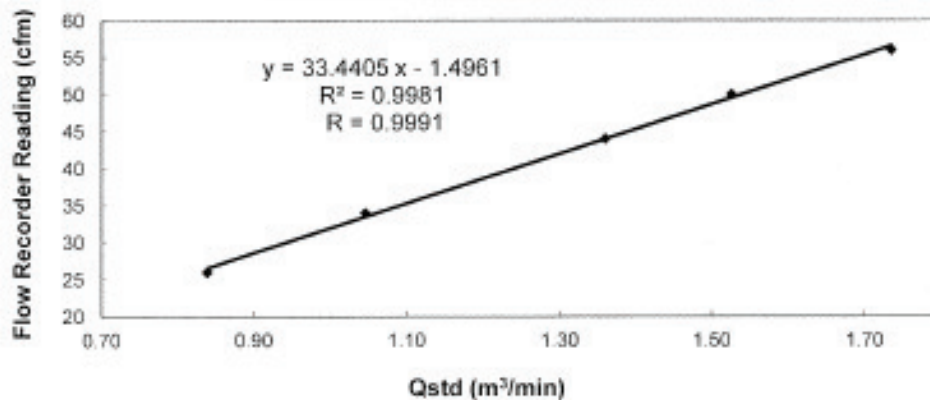
**Calibration Report  
of  
High Volume Air Sampler**

**Manufacturer** : Andersen G1051                      Date of Calibration : 10 November 2017  
**Serial No.** : 1176 ( ET / EA / 003 / 05 )                      Calibration Due Date : 09 January 2018  
**Method** : Based on Operations Manual for the 5-point calibration using standard calibration kit manufactured by Tisch TE-5025 A

**Results** :


Flow recorder reading (cfm)	56	50	44	34	26
Qstd (Actual flow rate, m <sup>3</sup> /min)	1.73	1.53	1.36	1.05	0.84
Pressure :	762.06 mm Hg			Temp. : 300 K	

**Sampler 1176 Calibration Curve  
Site: Tseung Kwan O 137 (TKO-A2a)**



Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5-point calibration

The high volume sampler complies\* / does-not-comply\* with the specified requirements and is deemed acceptable\* / unacceptable \* for use.

Calibrated by :   
CHAN, Wai Man  
(Technician)

Checked by :   
LAW, Sau Yee  
(Senior Environmental Officer)



Calibration Report  
of  
High Volume Air Sampler

Manufacturer : Andersen G1051 Date of Calibration : 08 January 2018

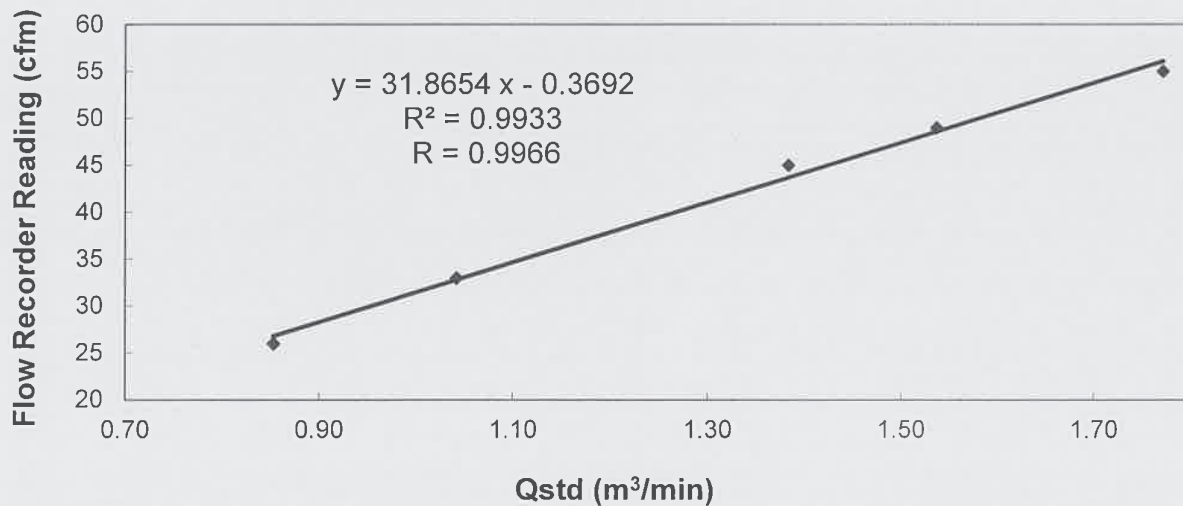
Serial No. : 1176 ( ET / EA / 003 / 05 ) Calibration Due Date : 07 March 2018

Method : Based on Operations Manual for the 5-point calibration using standard calibration kit manufactured by Tisch TE-5025 A

Results

Flow recorder reading (cfm)	55	49	45	33	26
Qstd (Actual flow rate, m <sup>3</sup> /min)	1.77	1.54	1.38	1.04	0.85
Pressure :	762.81 mm Hg		Temp. :	290 K	

**Sampler 1176 Calibration Curve**  
Site: Tseung Kwan O 137 (TKO-A2a)

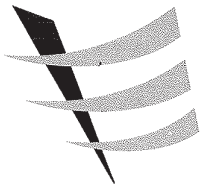


Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5-point calibration

The high volume sampler complies\* / does not comply\* with the specified requirements and is deemed acceptable\* / unacceptable\* for use.

Calibrated by : MAK Kei Wai  
MAK, Kei Wai  
(Assistant Supervisor)

Checked by : LAU Chi Leung  
LAU, Chi Leung  
(Environmental Team Leader)



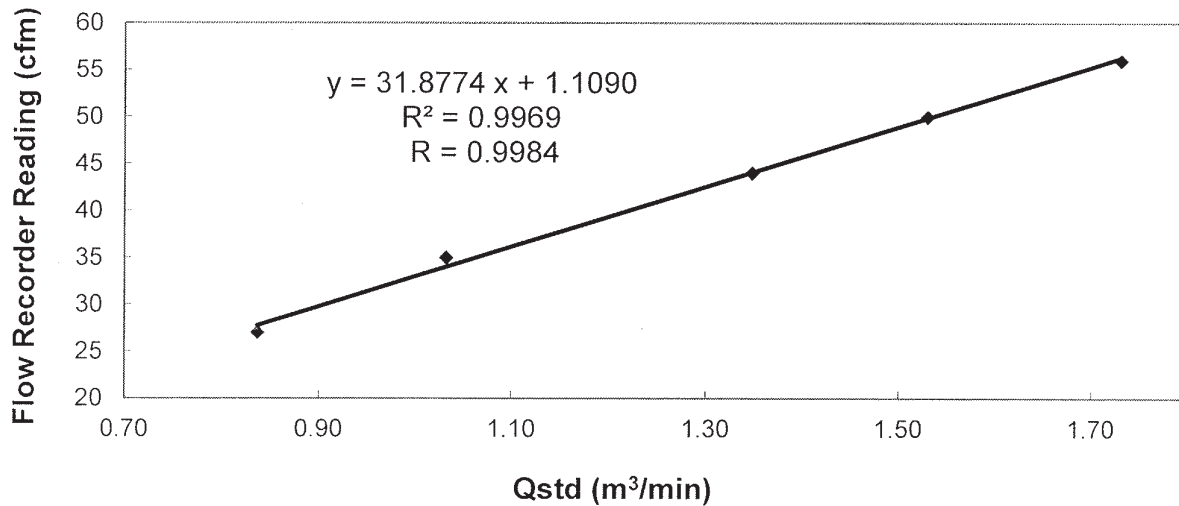
**Calibration Report**  
of  
**High Volume Air Sampler**

**Manufacturer** : Andersen G1051                      Date of Calibration : 05 March 2018  
**Serial No.** : 1176 ( ET / EA / 003 / 05 )                      Calibration Due Date : 04 May 2018  
**Method** : Based on Operations Manual for the 5-point calibration using standard calibration kit  
manufactured by Tisch TE-5025 A

**Results** :

Flow recorder reading (cfm)	56	50	44	35	27
Qstd (Actual flow rate, m <sup>3</sup> /min)	1.73	1.53	1.35	1.03	0.84
Pressure :	763.56 mm Hg		Temp. :	302 K	

**Sampler 1176 Calibration Curve**  
Site: Tseung Kwan O 137 (TKO-A2a)

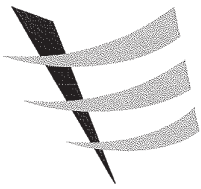


Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5-point calibration

The high volume sampler complies\* / does not comply\* with the specified requirements and is deemed acceptable\* / unacceptable\* for use.

Calibrated by : MAK Kei Wai  
MAK, Kei Wai  
(Assistant Supervisor)

Checked by : LAU, Chi Leung  
LAU, Chi Leung  
(Environmental Team Leader)



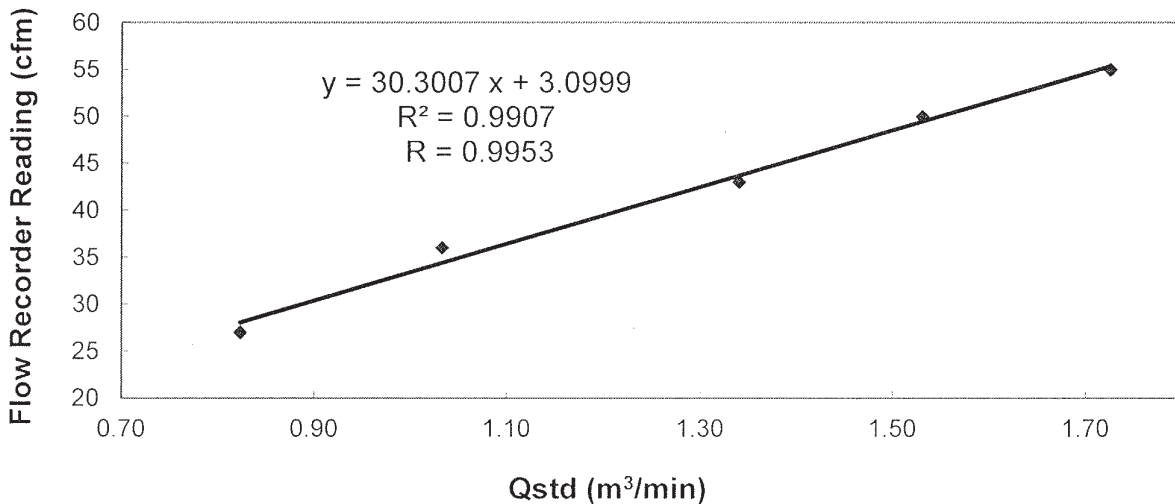
**Calibration Report**  
of  
**High Volume Air Sampler**

**Manufacturer** : Andersen G1051 Date of Calibration : 02 May 2018  
**Serial No.** : 1176 ( ET / EA / 003 / 05 ) Calibration Due Date : 01 July 2018  
**Method** : Based on Operations Manual for the 5-point calibration using standard calibration kit manufactured by Tisch TE-5025 A

**Results** :

Flow recorder reading (cfm)	55	50	43	36	27
Qstd (Actual flow rate, m <sup>3</sup> /min)	1.73	1.53	1.34	1.03	0.82
Pressure :	762.06 mm Hg		Temp. :	301 K	

**Sampler 1176 Calibration Curve**  
Site: Tseung Kwan O 137 (TKO-A2a)



Acceptance Criteria : Correlation coefficient (r) of the calibration curve greater than 0.990 after a 5-point calibration

The high volume sampler complies\* / does not comply\* with the specified requirements and is deemed acceptable\* / unacceptable\* for use.

Calibrated by :   
CHAN, Wai Man  
(Technician)

Checked by :   
LAU, Chi Leung  
(Environmental Team Leader)



ET/EA/004/14

TISCH ENVIRONMENTAL, INC.  
 145 SOUTH MIAMI AVE  
 VILLAGE OF CLEVELAND, OH  
 45002  
 513.467.9000  
 877.263.7610 TOLL FREE  
 513.467.9009 FAX

ORIFICE TRANSFER STANDARD CERTIFICATION WORKSHEET TE-5025A

Date - Apr 03, 2017 Roots-meter S/N 0438320 Ta (K) - 295  
 Operator Tisch Orifice I.D. - 3297 Pa (mm) - 748.03

PLATE OR Run #	VOLUME START (m3)	VOLUME STOP (m3)	DIFF VOLUME (m3)	DIFF TIME (min)	METER DIFF Hg (mm)	ORIFICE DIFF H2O (in.)
1	NA	NA	1.00	1.4360	3.2	2.00
2	NA	NA	1.00	1.0230	6.4	4.00
3	NA	NA	1.00	0.9170	7.9	5.00
4	NA	NA	1.00	0.8720	8.8	5.50
5	NA	NA	1.00	0.7180	12.7	8.00

DATA TABULATION

Vstd	(x axis) Qstd	(y axis)	Va	(x axis) Qa	(y axis)
0.9900	0.6894	1.4101	0.9957	0.6934	0.8881
0.9858	0.9636	1.9943	0.9915	0.9692	1.2560
0.9837	1.0727	2.2296	0.9893	1.0789	1.4042
0.9825	1.1268	2.3385	0.9882	1.1333	1.4728
0.9773	1.3612	2.8203	0.9830	1.3691	1.7762
Qstd slope (m) = 2.10166			Qa slope (m) = 1.31603		
intercept (b) = -0.03302			intercept (b) = -0.02080		
coefficient (r) = 0.99984			coefficient (r) = 0.99984		
y axis = $\sqrt{H_2O(Pa/760)(298/Ta)}$			y axis = $\sqrt{H_2O(Ta/Pa)}$		

CALCULATIONS

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

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

For subsequent flow rate calculations:

$Q_{std} = 1/m \{ [\sqrt{H_2O(Pa/760)(298/Ta)}] - b \}$   
 $Q_a = 1/m \{ [\sqrt{H_2O(Ta/Pa)}] - b \}$



# Certificate of Calibration

Calibration Certification Information			
Cal. Date: March 21, 2018	Rootsmeter S/N: 438320	Ta: 293	°K
Operator: Jim Tisch		Pa: 756.9	mm Hg
Calibration Model #: TE-5025A	Calibrator S/N: <b>3480</b>		

Run	Vol. Init (m3)	Vol. Final (m3)	ΔVol. (m3)	ΔTime (min)	ΔP (mm Hg)	ΔH (in H2O)
1	1	2	1	1.4200	3.2	2.00
2	3	4	1	1.0000	6.4	4.00
3	5	6	1	0.8950	7.9	5.00
4	7	8	1	0.8570	8.8	5.50
5	9	10	1	0.7070	12.7	8.00

Data Tabulation					
Vstd (m3)	Qstd (x-axis)	$\sqrt{\Delta H \left( \frac{Pa}{Pstd} \right) \left( \frac{Tstd}{Ta} \right)}$ (y-axis)	Va	Qa (x-axis)	$\sqrt{\Delta H (Ta/Pa)}$ (y-axis)
1.0087	0.7103	1.4233	0.9958	0.7012	0.8799
1.0044	1.0044	2.0129	0.9915	0.9915	1.2443
1.0024	1.1200	2.2505	0.9896	1.1057	1.3912
1.0012	1.1682	2.3603	0.9884	1.1533	1.4591
0.9959	1.4087	2.8467	0.9832	1.3907	1.7598
<b>QSTD</b>	m=	<b>2.04113</b>	<b>QA</b>	m=	<b>1.27812</b>
	b=	<b>-0.03040</b>		b=	<b>-0.01879</b>
	r=	<b>0.99994</b>		r=	<b>0.99994</b>

Calculations	
Vstd= $\Delta Vol((Pa-\Delta P)/Pstd)(Tstd/Ta)$	Va= $\Delta Vol((Pa-\Delta P)/Pa)$
Qstd= $Vstd/\Delta Time$	Qa= $Va/\Delta Time$
<b>For subsequent flow rate calculations:</b>	
<b>Qstd=</b> $1/m \left( \left( \sqrt{\Delta H \left( \frac{Pa}{Pstd} \right) \left( \frac{Tstd}{Ta} \right)} \right) - b \right)$	<b>Qa=</b> $1/m \left( \left( \sqrt{\Delta H (Ta/Pa)} \right) - b \right)$

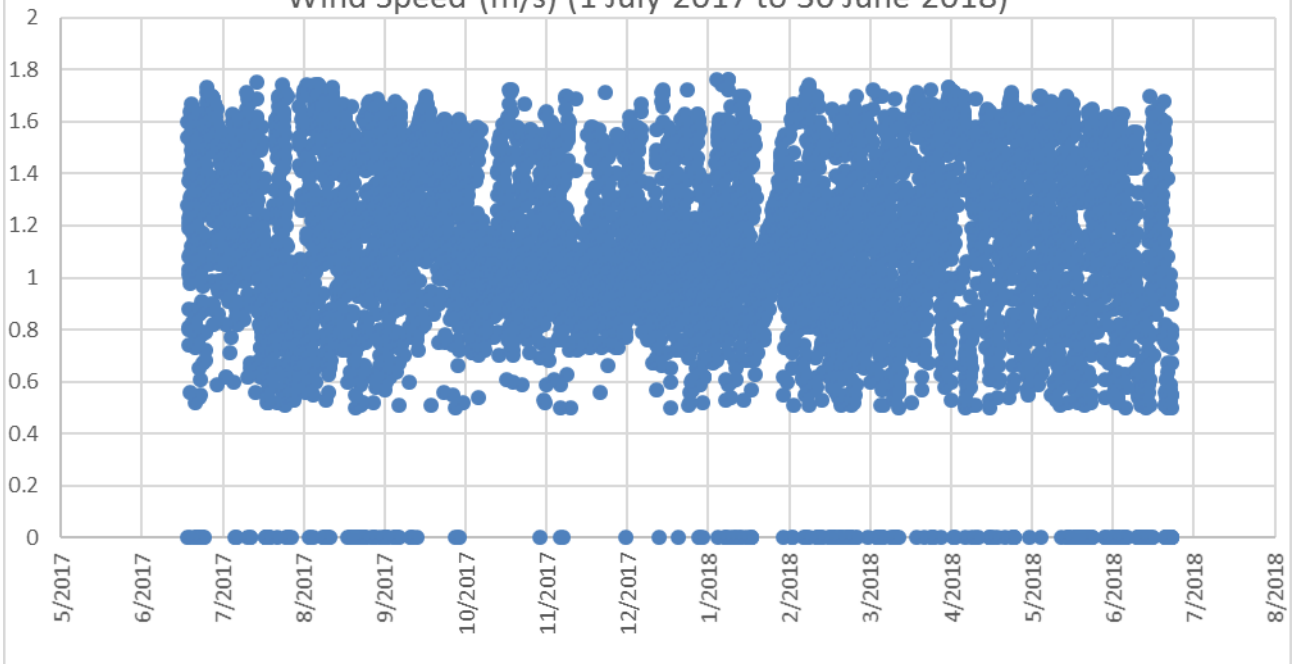
Standard Conditions	
Tstd:	298.15 °K
Pstd:	760 mm Hg
Key	
ΔH:	calibrator manometer reading (in H2O)
ΔP:	rootsmeter manometer reading (mm Hg)
Ta:	actual absolute temperature (°K)
Pa:	actual barometric pressure (mm Hg)
b:	intercept
m:	slope

RECALIBRATION
US EPA recommends annual recalibration per 1998 40 Code of Federal Regulations Part 50 to 51, Appendix B to Part 50, Reference Method for the Determination of Suspended Particulate Matter in the Atmosphere, 9.2.17, page 30

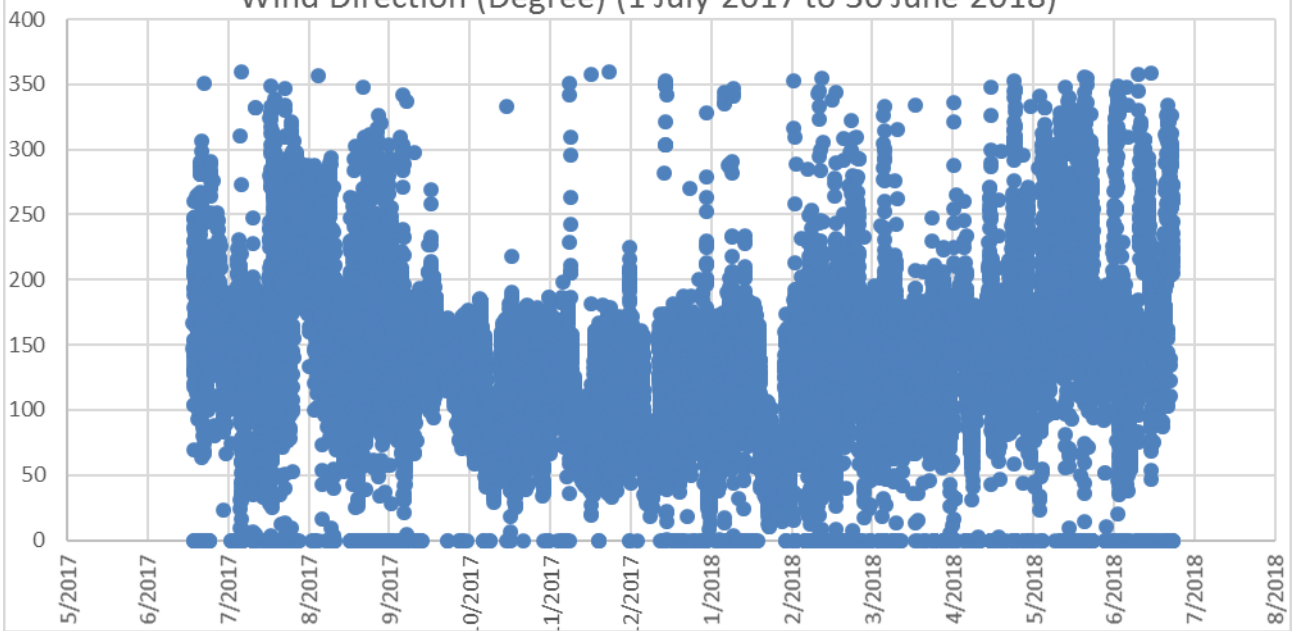
Annex A2

Wind Data from On-Site  
Meteorological Monitoring  
Station at Existing Landfill

Wind Speed (m/s) (1 July 2017 to 30 June 2018)



Wind Direction (Degree) (1 July 2017 to 30 June 2018)





Annex A3

## 24-hour TSP Monitoring Results

24-hour TSP Monitoring Results at DM1

Start Date	Start Time	Finish Date	Finish Time	24-hour TSP ( $\mu\text{g}/\text{m}^3$ )
06-07-2017	08:00	07-07-2017	08:00	68
12-07-2017	11:30	13-07-2017	11:30	71
18-07-2017	08:00	19-07-2017	08:00	70
24-07-2017	10:30	25-07-2017	10:30	70
29-07-2017	08:00	30-07-2017	08:00	67
04-08-2017	14:55	05-08-2017	14:55	68
10-08-2017	08:00	11-08-2017	08:00	70
16-08-2017	11:35	17-08-2017	11:35	69
22-08-2017	08:00	23-08-2017	08:00	70
28-08-2017	10:35	29-08-2017	10:35	71
02-09-2017	08:00	03-09-2017	08:00	99
08-09-2017	14:00	09-09-2017	14:00	200
14-09-2017	08:00	15-09-2017	08:00	127
20-09-2017	09:55	21-09-2017	09:55	180
26-09-2017	08:00	27-09-2017	08:00	170
02-10-2017	08:00	03-10-2017	08:00	59
08-10-2017	08:00	09-10-2017	08:00	122
14-10-2017	08:00	15-10-2017	08:00	107
20-10-2017	12:25	21-10-2017	12:25	102
26-10-2017	08:00	27-10-2017	08:00	75
01-11-2017	17:00	02-11-2017	17:00	117
07-11-2017	08:00	08-11-2017	08:00	75
13-11-2017	09:30	14-11-2017	09:30	83
19-11-2017	08:30	20-11-2017	08:30	48
25-11-2017	08:00	26-11-2017	08:00	95
01-12-2017	15:00	02-12-2017	15:00	51
07-12-2017	08:00	08-12-2017	08:00	109
13-12-2017	14:30	14-12-2017	14:30	106
19-12-2017	08:00	20-12-2017	08:00	121
25-12-2017	08:00	26-12-2017	08:00	92
31-12-2017	08:00	01-01-2018	08:00	94
06-01-2018	08:00	07-01-2018	08:00	27
12-01-2018	15:00	13-01-2018	15:00	172
18-01-2018	08:00	19-01-2018	08:00	118
24-01-2018	14:25	25-01-2018	14:25	148
30-01-2018	08:00	31-01-2018	08:00	36
05-02-2018	11:20	06-02-2018	11:20	151
10-02-2018	08:00	11-02-2018	08:00	83
15-02-2018	08:00	16-02-2018	08:00	89
21-02-2018	14:05	22-02-2018	14:05	64
27-02-2018	08:00	28-02-2018	08:00	116
05-03-2018	08:30	06-03-2018	08:30	196
11-03-2018	08:00	12-03-2018	08:00	161
17-03-2018	08:00	18-03-2018	08:00	184
23-03-2018	08:00	24-03-2018	08:00	194
28-03-2018	17:30	29-03-2018	17:30	192
03-04-2018	18:45	04-04-2018	18:45	187
09-04-2018	08:15	10-04-2018	08:15	207

24-hour TSP Monitoring Results at DM1

Start Date	Start Time	Finish Date	Finish Time	24-hour TSP ( $\mu\text{g}/\text{m}^3$ )
15-04-2018	08:00	16-04-2018	08:00	154
21-04-2018	08:00	22-04-2018	08:00	168
27-04-2018	13:00	28-04-2018	13:00	115
03-05-2018	13:00	04-05-2018	13:00	181
09-05-2018	09:15	10-05-2018	09:15	61
15-05-2018	08:00	16-05-2018	08:00	141
21-05-2018	10:50	22-05-2018	10:50	134
27-05-2018	08:00	28-05-2018	08:00	79
02-06-2018	08:00	03-06-2018	08:00	134
08-06-2018	14:30	09-06-2018	14:30	136
14-06-2018	14:10	15-06-2018	14:10	190
20-06-2018	09:20	21-06-2018	09:20	89
26-06-2018	08:00	27-06-2018	08:00	71
<b>Average</b>				<b>113</b>
<b>Min</b>				<b>27</b>
<b>Max</b>				<b>207</b>

Note:

(a) Data were from Tseung Kwan O Area 137 Fill Bank Monthly EM&amp;A Reorts No. 3-14.

DM1 corresponds to the existing TSP monitoring station TKO-A1 currently operating by CEDD.

24-hour TSP Monitoring Results at DM2

Start Date	Start Time	Finish Date	Finish Time	24-hour TSP ( $\mu\text{g}/\text{m}^3$ )
06-07-2017	08:00	07-07-2017	08:00	77
12-07-2017	11:35	13-07-2017	11:35	79
18-07-2017	08:00	19-07-2017	08:00	76
24-07-2017	10:30	25-07-2017	10:30	77
29-07-2017	08:00	30-07-2017	08:00	75
04-08-2017	14:50	05-08-2017	14:50	76
10-08-2017	08:00	11-08-2017	08:00	77
16-08-2017	11:50	17-08-2017	11:50	75
22-08-2017	08:00	23-08-2017	08:00	77
28-08-2017	10:45	29-08-2017	10:45	78
02-09-2017	08:10	03-09-2017	08:10	73
08-09-2017	14:05	09-09-2017	14:05	73
14-09-2017	08:05	15-09-2017	08:05	116
20-09-2017	10:00	21-09-2017	10:00	75
26-09-2017	08:00	27-09-2017	08:00	59
02-10-2017	08:00	03-10-2017	08:00	31
08-10-2017	08:00	09-10-2017	08:00	96
14-10-2017	08:00	15-10-2017	08:00	120
20-10-2017	12:30	21-10-2017	12:30	91
26-10-2017	08:00	27-10-2017	08:00	89
01-11-2017	17:00	02-11-2017	17:00	95
07-11-2017	08:00	08-11-2017	08:00	79
13-11-2017	09:40	14-11-2017	09:40	35
19-11-2017	08:30	20-11-2017	08:30	53
25-11-2017	08:00	26-11-2017	08:00	81
01-12-2017	15:00	02-12-2017	15:00	60
07-12-2017	08:00	08-12-2017	08:00	178
13-12-2017	14:30	14-12-2017	14:30	80
19-12-2017	08:00	20-12-2017	08:00	131
25-12-2017	08:00	26-12-2017	08:00	185
31-12-2017	08:00	01-01-2018	08:00	80
06-01-2018	08:00	07-01-2018	08:00	35
12-01-2018	15:10	13-01-2018	15:10	133
18-01-2018	08:00	19-01-2018	08:00	114
24-01-2018	14:20	25-01-2018	14:20	86
30-01-2018	08:00	31-01-2018	08:00	37
05-02-2018	11:25	06-02-2018	11:25	84
10-02-2018	08:00	11-02-2018	08:00	111
15-02-2018	08:00	16-02-2018	08:00	111
21-02-2018	14:10	22-02-2018	14:10	65
27-02-2018	08:00	28-02-2018	08:00	86
05-03-2018	08:35	06-03-2018	08:35	148
11-03-2018	08:00	12-03-2018	08:00	89
17-03-2018	08:00	18-03-2018	08:00	129
23-03-2018	08:00	24-03-2018	08:00	133
28-03-2018	17:35	29-03-2018	17:35	139
03-04-2018	18:48	04-04-2018	18:48	103
09-04-2018	08:20	10-04-2018	08:20	135

24-hour TSP Monitoring Results at DM2

Start Date	Start Time	Finish Date	Finish Time	24-hour TSP ( $\mu\text{g}/\text{m}^3$ )
15-04-2018	08:00	16-04-2018	08:00	121
21-04-2018	08:00	22-04-2018	08:00	87
27-04-2018	13:05	28-04-2018	13:05	88
03-05-2018	13:00	04-05-2018	13:00	161
09-05-2018	09:20	10-05-2018	09:20	57
15-05-2018	08:00	16-05-2018	08:00	116
21-05-2018	10:55	22-05-2018	10:55	156
27-05-2018	08:00	28-05-2018	08:00	77
02-06-2018	08:00	03-06-2018	08:00	119
08-06-2018	14:30	09-06-2018	14:30	141
14-06-2018	14:20	15-06-2018	14:20	157
20-06-2018	09:30	21-06-2018	09:30	137
26-06-2018	08:00	27-06-2018	08:00	87
<b>Average</b>				<b>97</b>
<b>Min</b>				<b>31</b>
<b>Max</b>				<b>185</b>

Note:

(a) Data were from Tseung Kwan O Area 137 Fill Bank Monthly EM&amp;A Reports No. 3-14.

DM2 corresponds to the existing TSP monitoring station TKO-A2 currently operating by CEDD.

Annex A4

## Graphical Presentation of 24-hour TSP Monitoring Results



Annex B

## Noise

Annex B1

# Calibration Certificates for Noise Monitoring Equipment



輝創工程有限公司

Sun Creation Engineering Limited

Calibration & Testing Laboratory

# Certificate of Calibration

## 校正證書

Certificate No. : C183085

證書編號

ITEM TESTED / 送檢項目 (Job No. / 序引編號 : IC18-0867)

Date of Receipt / 收件日期 : 28 May 2018

Description / 儀器名稱 : Integrating Sound Level Meter (EQ006)  
Manufacturer / 製造商 : Brüel & Kjær  
Model No. / 型號 : 2238  
Serial No. / 編號 : 2285762  
Supplied By / 委託者 : Action-United Environmental Services and Consulting  
Unit A, 20/F., Gold King Industrial Building,  
35-41 Tai Lin Pai Road, Kwai Chung, N.T.

### TEST CONDITIONS / 測試條件

Temperature / 溫度 :  $(23 \pm 2)^{\circ}\text{C}$

Relative Humidity / 相對濕度 :  $(50 \pm 25)\%$

Line Voltage / 電壓 : ---

### TEST SPECIFICATIONS / 測試規範

Calibration check

DATE OF TEST / 測試日期 : 10 June 2018


### TEST RESULTS / 測試結果

The results apply to the particular unit-under-test only.  
The results do not exceed manufacturer's specification.  
The results are detailed in the subsequent page(s).

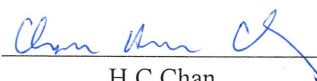
The test equipment used for calibration are traceable to National Standards via :

- The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory
- Agilent Technologies / Keysight Technologies
- Rohde & Schwarz Laboratory, Germany
- Fluke Everett Service Center, USA

Tested By  
測試

  
K C Lee  
Engineer

Certified By  
核證

  
H C Chan  
Engineer

Date of Issue  
簽發日期

11 June 2018

The test equipment used for calibration are traceable to the Nation Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.

本證書所載校正用之測試器材均可溯源至國際標準。局部複印本證書需先獲本實驗所書面批准。

Sun Creation Engineering Limited – Calibration & Testing Laboratory

c/o 4/F, 1 Hing On Lane, Tuen Mun, New Territories, Hong Kong

輝創工程有限公司 — 校正及檢測實驗室

c/o 香港新界屯門興安里一號四樓

Tel/電話: (852) 2927 2606

Fax/傳真: (852) 2744 8986

E-mail/電郵: callab@suncreation.com

Website/網址: www.suncreation.com

Page 1 of 4



# Certificate of Calibration

## 校正證書

Certificate No. : C183085  
證書編號

- The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 12 hours, and switched on to warm up for over 10 minutes before the commencement of the test.
- Self-calibration using laboratory acoustic calibrator was performed before the test from 6.1.1.2 to 6.4.
- The results presented are the mean of 3 measurements at each calibration point.
- Test equipment :

<u>Equipment ID</u>	<u>Description</u>	<u>Certificate No.</u>
CL280	40 MHz Arbitrary Waveform Generator	C180024
CL281	Multifunction Acoustic Calibrator	PA160023

- Test procedure : MA101N.

- Results :

- 6.1 Sound Pressure Level

- 6.1.1 Reference Sound Pressure Level

- 6.1.1.1 Before Self-calibration

UUT Setting				Applied Value		UUT Reading (dB)
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)	
52 - 132	L <sub>AFP</sub>	A	F	94.00	1	94.1

- 6.1.1.2 After Self-calibration

UUT Setting				Applied Value		UUT Reading (dB)	IEC 60651 Type 1 Spec. (dB)
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)		
52 - 132	L <sub>AFP</sub>	A	F	94.00	1	94.0	± 0.7

- 6.1.2 Linearity

UUT Setting				Applied Value		UUT Reading (dB)
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)	
52 - 132	L <sub>AFP</sub>	A	F	94.00	1	94.0 (Ref.)
				104.00		104.0
				114.00		114.0

IEC 60651 Type 1 Spec. : ± 0.4 dB per 10 dB step and ± 0.7 dB for overall different.

The test equipment used for calibration are traceable to the Nation Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.

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# Certificate of Calibration

## 校正證書

Certificate No. : C183085  
證書編號

### 6.2 Time Weighting

#### 6.2.1 Continuous Signal

UUT Setting				Applied Value		UUT Reading (dB)	IEC 60651 Type 1 Spec. (dB)
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)		
52 - 132	L <sub>AFP</sub>	A	F	94.00	1	94.0	Ref.
	L <sub>ASP</sub>		S			94.0	± 0.1
	L <sub>AIP</sub>		I			94.1	± 0.1

#### 6.2.2 Tone Burst Signal (2 kHz)

UUT Setting				Applied Value		UUT Reading (dB)	IEC 60651 Type 1 Spec. (dB)
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Burst Duration		
32 - 112	L <sub>AFP</sub>	A	F	106.0	Continuous	106.0	Ref.
	L <sub>AFMax</sub>				200 ms	104.9	-1.0 ± 1.0
	L <sub>ASP</sub>	S	Continuous		106.0	Ref.	
	L <sub>ASMax</sub>		500 ms		102.0	-4.1 ± 1.0	

### 6.3 Frequency Weighting

#### 6.3.1 A-Weighting

UUT Setting				Applied Value		UUT Reading (dB)	IEC 60651 Type 1 Spec. (dB)
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Freq.		
52 - 132	L <sub>AFP</sub>	A	F	94.00	31.5 Hz	55.0	-39.4 ± 1.5
					63 Hz	67.9	-26.2 ± 1.5
					125 Hz	77.8	-16.1 ± 1.0
					250 Hz	85.3	-8.6 ± 1.0
					500 Hz	90.7	-3.2 ± 1.0
					1 kHz	94.0	Ref.
					2 kHz	95.2	+1.2 ± 1.0
					4 kHz	95.0	+1.0 ± 1.0
					8 kHz	92.9	-1.1 (+1.5 ; -3.0)
12.5 kHz	89.8	-4.3 (+3.0 ; -6.0)					

The test equipment used for calibration are traceable to the Nation Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.

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# Certificate of Calibration

## 校正證書

Certificate No. : C183085  
證書編號

### 6.3.2 C-Weighting

UUT Setting				Applied Value		UUT Reading (dB)	IEC 60651 Type 1 Spec. (dB)
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Freq.		
52 - 132	L <sub>CFP</sub>	C	F	94.00	31.5 Hz	91.4	-3.0 ± 1.5
					63 Hz	93.3	-0.8 ± 1.5
					125 Hz	93.8	-0.2 ± 1.0
					250 Hz	94.0	0.0 ± 1.0
					500 Hz	94.0	0.0 ± 1.0
					1 kHz	94.0	Ref.
					2 kHz	93.8	-0.2 ± 1.0
					4 kHz	93.2	-0.8 ± 1.0
					8 kHz	90.9	-3.0 (+1.5 ; -3.0)
12.5 kHz	87.8	-6.2 (+3.0 ; -6.0)					

### 6.4 Time Averaging

UUT Setting				Applied Value					UUT Reading (dB)	IEC 60804 Type 1 Spec. (dB)
Range (dB)	Parameter	Frequency Weighting	Integrating Time	Frequency (kHz)	Burst Duration (ms)	Burst Duty Factor	Burst Level (dB)	Equivalent Level (dB)		
32 - 112	L <sub>Aeq</sub>	A	10 sec.	4	1	1/10	110.0	100	100.0	± 0.5
			60 sec.					90	89.5	± 0.5
			5 min.					80	79.2	± 1.0
			1/10 <sup>2</sup>					70	69.3	± 1.0

Remarks : - UUT Microphone Model No. : 4188 & S/N : 2812706

- Mfr's Spec. : IEC 60651 Type 1 & IEC 60804 Type 1

- Uncertainties of Applied Value :

94 dB	31.5 Hz - 125 Hz	: ± 0.35 dB
	250 Hz - 500 Hz	: ± 0.30 dB
	1 kHz	: ± 0.20 dB
	2 kHz - 4 kHz	: ± 0.35 dB
	8 kHz	: ± 0.45 dB
	12.5 kHz	: ± 0.70 dB
104 dB	1 kHz	: ± 0.10 dB (Ref. 94 dB)
114 dB	1 kHz	: ± 0.10 dB (Ref. 94 dB)
Burst equivalent level		: ± 0.2 dB (Ref. 110 dB continuous sound level)

- The uncertainties are for a confidence probability of not less than 95 %.

Note :

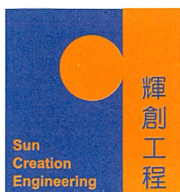
Only the original copy or the laboratory's certified true copy is valid.

The values given in this Certificate only relate to the values measured at the time of the test and any uncertainties quoted will not include allowance for the equipment long term drift, variations with environment changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the measurement. Sun Creation Engineering Limited shall not be liable for any loss or damage resulting from the use of the equipment.

The test equipment used for calibration are traceable to the Nation Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.

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# Certificate of Calibration 校正證書

Certificate No. : C183086  
證書編號

**ITEM TESTED / 送檢項目** ( Job No. / 序引編號 : IC18-0867 )      Date of Receipt / 收件日期 : 29 May 2018  
Description / 儀器名稱 : Integrating Sound Level Meter (EQ009)  
Manufacturer / 製造商 : Brüel & Kjær  
Model No. / 型號 : 2238  
Serial No. / 編號 : 2285722  
Supplied By / 委託者 : Action-United Environmental Services and Consulting  
Unit A, 20/F., Gold King Industrial Building,  
35-41 Tai Lin Pai Road, Kwai Chung, N.T.

## TEST CONDITIONS / 測試條件

Temperature / 溫度 :  $(23 \pm 2)^{\circ}\text{C}$       Relative Humidity / 相對濕度 :  $(50 \pm 25)\%$   
Line Voltage / 電壓 : ---

## TEST SPECIFICATIONS / 測試規範

Calibration check

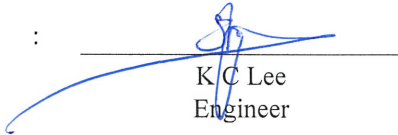
**DATE OF TEST / 測試日期** : 10 June 2018

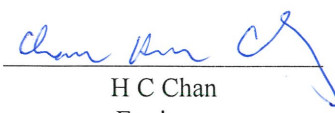
## TEST RESULTS / 測試結果

The results apply to the particular unit-under-test only.  
The results do not exceed manufacturer's specification.  
The results are detailed in the subsequent page(s).

The test equipment used for calibration are traceable to National Standards via :

- The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory
- Agilent Technologies / Keysight Technologies
- Rohde & Schwarz Laboratory, Germany
- Fluke Everett Service Center, USA

Tested By :   
測試 : K C Lee  
Engineer

Certified By :   
核證 : H C Chan  
Engineer

Date of Issue : 11 June 2018  
簽發日期

The test equipment used for calibration are traceable to the Nation Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.

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# Certificate of Calibration

## 校正證書

Certificate No. : C183086  
證書編號

- The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 12 hours, and switched on to warm up for over 10 minutes before the commencement of the test.
- Self-calibration using laboratory acoustic calibrator was performed before the test from 6.1.1.2 to 6.4.
- The results presented are the mean of 3 measurements at each calibration point.

4. Test equipment :

<u>Equipment ID</u>	<u>Description</u>	<u>Certificate No.</u>
CL280	40 MHz Arbitrary Waveform Generator	C180024
CL281	Multifunction Acoustic Calibrator	PA160023

5. Test procedure : MA101N.

6. Results :

6.1 Sound Pressure Level

6.1.1 Reference Sound Pressure Level

6.1.1.1 Before Self-calibration

UUT Setting				Applied Value		UUT Reading (dB)
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)	
50 - 130	L <sub>AFP</sub>	A	F	94.00	1	94.1

6.1.1.2 After Self-calibration

UUT Setting				Applied Value		UUT Reading (dB)	IEC 60651 Type 1 Spec. (dB)
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)		
50 - 130	L <sub>AFP</sub>	A	F	94.00	1	94.0	± 0.7

6.1.2 Linearity

UUT Setting				Applied Value		UUT Reading (dB)
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)	
50 - 130	L <sub>AFP</sub>	A	F	94.00	1	94.0 (Ref.)
				104.00		104.0
				114.00		114.0

IEC 60651 Type 1 Spec. : ± 0.4 dB per 10 dB step and ± 0.7 dB for overall different.

The test equipment used for calibration are traceable to the Nation Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.

本證書所載校正用之測試器材均可溯源至國際標準。局部複印本證書需先獲本實驗室所書面批准。

# Certificate of Calibration

## 校正證書

Certificate No. : C183086  
證書編號

### 6.2 Time Weighting

#### 6.2.1 Continuous Signal

UUT Setting				Applied Value		UUT Reading (dB)	IEC 60651 Type 1 Spec. (dB)
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)		
50 - 130	L <sub>AFP</sub>	A	F	94.00	1	94.0	Ref.
	L <sub>ASP</sub>		S			94.1	± 0.1
	L <sub>AIP</sub>		I			94.1	± 0.1

#### 6.2.2 Tone Burst Signal (2 kHz)

UUT Setting				Applied Value		UUT Reading (dB)	IEC 60651 Type 1 Spec. (dB)
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Burst Duration		
30 - 110	L <sub>AFP</sub>	A	F	106.0	Continuous	106.0	Ref.
	L <sub>AFMax</sub>				200 ms	104.9	-1.0 ± 1.0
	L <sub>ASP</sub>	S	Continuous		106.0	Ref.	
	L <sub>ASMax</sub>		500 ms		102.0	-4.1 ± 1.0	

### 6.3 Frequency Weighting

#### 6.3.1 A-Weighting

UUT Setting				Applied Value		UUT Reading (dB)	IEC 60651 Type 1 Spec. (dB)
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Freq.		
50 - 130	L <sub>AFP</sub>	A	F	94.00	31.5 Hz	54.5	-39.4 ± 1.5
					63 Hz	67.8	-26.2 ± 1.5
					125 Hz	77.8	-16.1 ± 1.0
					250 Hz	85.3	-8.6 ± 1.0
					500 Hz	90.8	-3.2 ± 1.0
					1 kHz	94.0	Ref.
					2 kHz	95.2	+1.2 ± 1.0
					4 kHz	95.0	+1.0 ± 1.0
					8 kHz	92.8	-1.1 (+1.5 ; -3.0)
12.5 kHz	89.7	-4.3 (+3.0 ; -6.0)					

The test equipment used for calibration are traceable to the Nation Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.

本證書所載校正用之測試器材均可溯源至國際標準。局部複印本證書需先獲本實驗室所書面批准。



# Certificate of Calibration

## 校正證書

Certificate No. : C183086

證書編號

### 6.3.2 C-Weighting

UUT Setting				Applied Value		UUT Reading (dB)	IEC 60651 Type 1 Spec. (dB)
Range (dB)	Parameter	Frequency Weighting	Time Weighting	Level (dB)	Freq.		
50 - 130	L <sub>CFP</sub>	C	F	94.00	31.5 Hz	90.9	-3.0 ± 1.5
					63 Hz	93.1	-0.8 ± 1.5
					125 Hz	93.8	-0.2 ± 1.0
					250 Hz	94.0	0.0 ± 1.0
					500 Hz	94.0	0.0 ± 1.0
					1 kHz	94.0	Ref.
					2 kHz	93.8	-0.2 ± 1.0
					4 kHz	93.1	-0.8 ± 1.0
					8 kHz	90.9	-3.0 (+1.5 ; -3.0)
					12.5 kHz	87.7	-6.2 (+3.0 ; -6.0)

### 6.4 Time Averaging

UUT Setting				Applied Value					UUT Reading (dB)	IEC 60804 Type 1 Spec. (dB)
Range (dB)	Parameter	Frequency Weighting	Integrating Time	Frequency (kHz)	Burst Duration (ms)	Burst Duty Factor	Burst Level (dB)	Equivalent Level (dB)		
30 - 110	L <sub>Aeq</sub>	A	10 sec.	4	1	1/10	110.0	100	99.9	± 0.5
								90	90.0	± 0.5
								80	79.0	± 1.0
								70	69.1	± 1.0
			60 sec.			1/10 <sup>2</sup>				
			5 min.			1/10 <sup>3</sup>				
						1/10 <sup>4</sup>				

Remarks : - UUT Microphone Model No. : 4188 & S/N : 2658547

- Mfr's Spec. : IEC 60651 Type 1 & IEC 60804 Type 1

- Uncertainties of Applied Value :

94 dB	31.5 Hz - 125 Hz	: ± 0.35 dB
	250 Hz - 500 Hz	: ± 0.30 dB
	1 kHz	: ± 0.20 dB
	2 kHz - 4 kHz	: ± 0.35 dB
	8 kHz	: ± 0.45 dB
	12.5 kHz	: ± 0.70 dB
	104 dB : 1 kHz	: ± 0.10 dB (Ref. 94 dB)
	114 dB : 1 kHz	: ± 0.10 dB (Ref. 94 dB)
	Burst equivalent level	: ± 0.2 dB (Ref. 110 dB continuous sound level)

- The uncertainties are for a confidence probability of not less than 95 %.

Note :

Only the original copy or the laboratory's certified true copy is valid.

The values given in this Certificate only relate to the values measured at the time of the test and any uncertainties quoted will not include allowance for the equipment long term drift, variations with environment changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the measurement. Sun Creation Engineering Limited shall not be liable for any loss or damage resulting from the use of the equipment.

The test equipment used for calibration are traceable to the Nation Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.

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# Certificate of Calibration 校正證書

Certificate No. : C182469  
證書編號

ITEM TESTED / 送檢項目 ( Job No. / 序引編號 : IC18-0867 )      Date of Receipt / 收件日期 : 26 April 2018  
Description / 儀器名稱 : Sound Level Calibrator (EQ088)  
Manufacturer / 製造商 : Quest  
Model No. / 型號 : QC-20  
Serial No. / 編號 : QO9090006  
Supplied By / 委託者 : Action-United Environmental Services and Consulting  
Unit A, 20/F., Gold King Industrial Building,  
35-41 Tai Lin Pai Road, Kwai Chung, N.T.

## TEST CONDITIONS / 測試條件

Temperature / 溫度 : (23 ± 2)°C      Relative Humidity / 相對濕度 : (50 ± 25)%  
Line Voltage / 電壓 : ---

## TEST SPECIFICATIONS / 測試規範

Calibration check

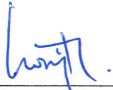
DATE OF TEST / 測試日期 : 12 May 2018

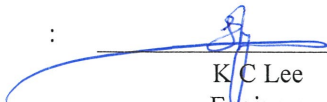
## TEST RESULTS / 測試結果

The results apply to the particular unit-under-test only.  
The results do not exceed manufacturer's specification.  
The results are detailed in the subsequent page(s).

The test equipment used for calibration are traceable to National Standards via :

- The Government of The Hong Kong Special Administrative Region Standard & Calibration Laboratory
- Agilent Technologies / Keysight Technologies
- Rohde & Schwarz Laboratory, Germany
- Fluke Everett Service Center, USA

Tested By :   
測試 : \_\_\_\_\_  
H T Wong  
Technical Officer

Certified By :   
核證 : \_\_\_\_\_  
K C Lee  
Engineer

Date of Issue : 15 May 2018  
簽發日期

The test equipment used for calibration are traceable to the Nation Standards as specified in this certificate. This certificate shall not be reproduced except in full, without the prior written approval of this laboratory.

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# Certificate of Calibration

## 校正證書

Certificate No. : C182469

證書編號

- The unit-under-test (UUT) was allowed to stabilize in the laboratory for over 12 hours before the commencement of the test.
- The results presented are the mean of 3 measurements at each calibration point.
- Test equipment :

<u>Equipment ID</u>	<u>Description</u>	<u>Certificate No.</u>
CL130	Universal Counter	C173864
CL281	Multifunction Acoustic Calibrator	PA160023
TST150A	Measuring Amplifier	C181288

- Test procedure : MA100N.

- Results :

### 5.1 Sound Level Accuracy

UUT Nominal Value	Measured Value (dB)	Mfr's Spec. (dB)	Uncertainty of Measured Value (dB)
94 dB, 1 kHz	94.2	± 0.3	± 0.2
114 dB, 1 kHz	114.2		

### 5.2 Frequency Accuracy

UUT Nominal Value (kHz)	Measured Value (kHz)	Mfr's Spec.	Uncertainty of Measured Value (Hz)
1	0.994	± 2 %	± 1

Remark : - The uncertainties are for a confidence probability of not less than 95 %.

Note :

Only the original copy or the laboratory's certified true copy is valid.

The values given in this Certificate only relate to the values measured at the time of the test and any uncertainties quoted will not include allowance for the equipment long term drift, variations with environment changes, vibration and shock during transportation, overloading, mis-handling, or the capability of any other laboratory to repeat the measurement. Sun Creation Engineering Limited shall not be liable for any loss or damage resulting from the use of the equipment.

Annex B2

## Baseline Monitoring Schedule

**South East New Territories (SENT) Landfill Extension  
Baseline Monitoring Schedule**

August 2018

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13 Surface Water (DP3)	14	15 Surface Water (DP3)	16	17 Surface Water (DP3, DP4)	18
19	20 Surface Water (DP3, DP4)	21 Surface Water (DP3, DP4)	22 Surface Water (DP3)	23 Surface Water (DP3, DP4)	24 Noise (NM1, NM2) Surface Water (DP3, DP4)	25 Noise (NM1, NM2)
26 Noise (NM1, NM2)	27 Noise (NM1, NM2) Surface Water (DP3, DP4)	28 Noise (NM1, NM2) Surface Water (DP3, DP4)	29 Noise (NM1, NM2) Surface Water (DP3, DP4)	30 Noise (NM1, NM2) Surface Water (DP3, DP4)	31 Noise (NM1, NM2) Surface Water (DP3, DP4)	

Notes:

(a) 24-hr TSP monitoring was carried out at DM1 and DM2, which correspond to the two existing TSP monitoring stations TKO-A1 and TKO-A2a currently operating by CEDD, respectively.

The recent one year historical data from July 2017 to June 2018 were used as the baseline monitoring results for SENTX.

(b) Surface water monitoring was carried out at DP3 and DP4 between 2011 and 2018. Available historical data between 2011 and 2018 were also used as the baseline monitoring results for SENTX.

**South East New Territories (SENT) Landfill Extension  
Baseline Monitoring Schedule**

September 2018

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1 Noise (NM1, NM2)
2 Noise (NM1, NM2)	3 Noise (NM1, NM2)	4 Noise (NM1, NM2)	5 Noise (NM1, NM2)	6 Noise (NM1, NM2)	7 Noise (NM1, NM2)	8 Noise (NM1, NM2)
9 Noise (NM1, NM2)	10 Noise (NM1, NM2)	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

Notes:

(a) 24-hr TSP monitoring was carried out at DM1 and DM2, which correspond to the two existing TSP monitoring stations TKO-A1 and TKO-A2a currently operating by CEDD, respectively.

The recent one year historical data from July 2017 to June 2018 were used as the baseline monitoring results for SENTX.

(b) Surface water monitoring was carried out at DP3 and DP4 between 2011 and 2018. Available historical data between 2011 and 2018 were also used as the baseline monitoring results for SENTX.

Annex B3

## Noise Monitoring Results

Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
24-08-2018	12:00	54.4	55.0	53.5	54.5
24-08-2018	12:05	54.3	55.0	53.0	
24-08-2018	12:10	55.4	57.0	53.0	
24-08-2018	12:15	54.0	55.0	52.5	
24-08-2018	12:20	54.4	55.5	53.0	
24-08-2018	12:25	54.4	56.0	52.5	
24-08-2018	12:30	54.6	56.5	51.5	54.0
24-08-2018	12:35	54.5	56.0	52.0	
24-08-2018	12:40	53.5	54.5	52.0	
24-08-2018	12:45	53.4	54.0	51.5	
24-08-2018	12:50	53.0	54.0	51.0	
24-08-2018	12:55	54.8	56.0	52.5	
24-08-2018	13:00	54.7	55.5	53.5	55.4
24-08-2018	13:05	54.4	55.0	53.5	
24-08-2018	13:10	54.6	55.5	53.5	
24-08-2018	13:15	55.4	56.5	54.0	
24-08-2018	13:20	57.3	55.5	53.5	
24-08-2018	13:25	55.1	55.5	54.0	
24-08-2018	13:30	56.0	56.5	54.5	56.5
24-08-2018	13:35	56.1	57.0	54.5	
24-08-2018	13:40	56.0	56.5	54.5	
24-08-2018	13:45	56.9	59.0	54.5	
24-08-2018	13:50	57.5	59.0	55.0	
24-08-2018	13:55	56.3	57.5	55.0	
24-08-2018	14:00	56.4	57.5	55.0	55.7
24-08-2018	14:05	56.3	57.5	54.5	
24-08-2018	14:10	55.7	56.5	54.5	
24-08-2018	14:15	55.5	57.0	54.0	
24-08-2018	14:20	54.8	55.5	53.5	
24-08-2018	14:25	55.4	56.0	54.5	
24-08-2018	14:30	55.3	56.5	54.0	55.9
24-08-2018	14:35	56.1	57.0	55.0	
24-08-2018	14:40	56.5	58.0	54.5	
24-08-2018	14:45	55.3	56.5	53.5	
24-08-2018	14:50	55.7	57.5	53.5	
24-08-2018	14:55	56.4	58.0	54.5	
24-08-2018	15:00	55.5	56.5	54.0	56.1
24-08-2018	15:05	55.6	57.0	54.0	
24-08-2018	15:10	55.4	56.5	54.0	
24-08-2018	15:15	56.1	57.0	54.0	
24-08-2018	15:20	57.6	60.0	54.0	
24-08-2018	15:25	55.7	57.0	53.5	
24-08-2018	15:30	55.3	56.0	54.0	57.4
24-08-2018	15:35	55.2	56.0	54.0	
24-08-2018	15:40	55.3	57.0	53.0	
24-08-2018	15:45	55.8	58.0	53.5	
24-08-2018	15:50	59.4	62.0	53.0	
24-08-2018	15:55	60.3	62.5	54.5	

Annex B3 - 1

Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
24-08-2018	16:00	56.2	57.5	54.0	55.9
24-08-2018	16:05	56.5	56.5	53.5	
24-08-2018	16:10	56.3	56.5	54.0	
24-08-2018	16:15	54.8	55.5	53.5	
24-08-2018	16:20	56.1	57.5	54.0	
24-08-2018	16:25	55.3	56.0	54.0	
24-08-2018	16:30	55.3	56.0	54.0	56.1
24-08-2018	16:35	55.6	56.5	54.5	
24-08-2018	16:40	55.7	56.5	54.0	
24-08-2018	16:45	56.5	57.5	54.5	
24-08-2018	16:50	56.2	57.0	54.5	
24-08-2018	16:55	56.9	58.0	54.5	
24-08-2018	17:00	55.7	57.0	54.0	56.1
24-08-2018	17:05	55.7	56.5	54.0	
24-08-2018	17:10	57.3	59.0	54.0	
24-08-2018	17:15	56.5	58.0	54.5	
24-08-2018	17:20	55.5	57.0	53.5	
24-08-2018	17:25	55.6	56.5	54.0	
24-08-2018	17:30	55.9	57.0	54.0	55.7
24-08-2018	17:35	56.2	57.5	54.0	
24-08-2018	17:40	55.9	58.0	53.5	
24-08-2018	17:45	55.4	56.5	53.5	
24-08-2018	17:50	55.7	57.0	54.0	
24-08-2018	17:55	55.3	56.0	54.0	
24-08-2018	18:00	55.8	57.0	54.0	56.6
24-08-2018	18:05	55.7	56.5	54.5	
24-08-2018	18:10	55.3	56.0	54.5	
24-08-2018	18:15	55.7	56.5	54.5	
24-08-2018	18:20	58.5	62.0	54.0	
24-08-2018	18:25	57.4	59.0	55.0	
24-08-2018	18:30	58.5	60.5	55.0	56.4
24-08-2018	18:35	56.0	56.5	55.0	
24-08-2018	18:40	56.0	57.0	55.0	
24-08-2018	18:45	55.4	56.5	54.0	
24-08-2018	18:50	55.7	56.5	54.0	
24-08-2018	18:55	55.7	56.5	54.5	
25-08-2018	7:00	52.7	54.0	51.0	53.0
25-08-2018	7:05	53.0	54.5	51.0	
25-08-2018	7:10	52.7	53.5	51.5	
25-08-2018	7:15	52.8	53.5	51.5	
25-08-2018	7:20	52.7	53.5	51.5	
25-08-2018	7:25	53.8	56.0	51.5	
25-08-2018	7:30	56.5	59.0	51.5	55.2
25-08-2018	7:35	55.9	58.5	51.5	
25-08-2018	7:40	52.9	53.5	51.5	
25-08-2018	7:45	55.2	57.0	52.5	
25-08-2018	7:50	54.5	56.5	52.5	
25-08-2018	7:55	55.1	56.0	53.5	

Annex B3 - 2

Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
25-08-2018	8:00	55.3	56.0	54.0	56.5
25-08-2018	8:05	57.1	60.5	54.0	
25-08-2018	8:10	57.9	60.0	54.5	
25-08-2018	8:15	55.5	56.5	53.5	
25-08-2018	8:20	55.9	57.5	53.5	
25-08-2018	8:25	56.8	59.5	54.0	
25-08-2018	8:30	55.0	55.5	54.0	56.0
25-08-2018	8:35	55.5	56.0	54.5	
25-08-2018	8:40	56.7	58.0	55.0	
25-08-2018	8:45	55.7	57.0	54.5	
25-08-2018	8:50	57.1	59.0	54.5	
25-08-2018	8:55	55.3	56.0	54.0	
25-08-2018	9:00	55.4	56.0	54.0	56.3
25-08-2018	9:05	56.1	57.5	54.5	
25-08-2018	9:10	55.9	57.0	54.5	
25-08-2018	9:15	57.1	58.0	55.0	
25-08-2018	9:20	57.0	58.5	55.5	
25-08-2018	9:25	55.8	56.5	54.5	
25-08-2018	9:30	57.1	58.0	55.5	56.6
25-08-2018	9:35	57.7	58.5	56.0	
25-08-2018	9:40	56.5	57.5	55.0	
25-08-2018	9:45	55.8	56.5	55.0	
25-08-2018	9:50	56.1	57.0	55.0	
25-08-2018	9:55	55.9	56.5	54.5	
25-08-2018	10:00	55.4	56.5	54.0	55.0
25-08-2018	10:05	54.8	55.5	54.0	
25-08-2018	10:10	54.8	55.5	54.0	
25-08-2018	10:15	55.7	56.5	54.5	
25-08-2018	10:20	54.9	56.0	53.5	
25-08-2018	10:25	54.4	55.0	53.5	
25-08-2018	10:30	54.7	55.5	54.0	55.1
25-08-2018	10:35	55.1	56.0	53.5	
25-08-2018	10:40	56.5	58.0	54.5	
25-08-2018	10:45	55.2	56.5	53.5	
25-08-2018	10:50	54.2	55.0	53.0	
25-08-2018	10:55	54.6	55.5	53.0	
25-08-2018	11:00	54.4	55.5	53.0	54.8
25-08-2018	11:05	55.7	56.5	53.0	
25-08-2018	11:10	54.9	56.0	53.0	
25-08-2018	11:15	54.3	55.5	52.5	
25-08-2018	11:20	54.8	56.0	53.0	
25-08-2018	11:25	54.4	55.0	53.0	
25-08-2018	11:30	54.8	56.0	53.5	54.7
25-08-2018	11:35	53.8	54.5	52.5	
25-08-2018	11:40	56.5	55.0	52.0	
25-08-2018	11:45	52.8	53.5	51.5	
25-08-2018	11:50	55.3	54.5	52.0	
25-08-2018	11:55	53.9	54.5	52.5	

Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
25-08-2018	12:00	54.0	55.0	53.0	53.3
25-08-2018	12:05	53.9	54.5	52.5	
25-08-2018	12:10	52.8	53.5	51.5	
25-08-2018	12:15	53.0	54.0	51.0	
25-08-2018	12:20	52.9	54.0	51.5	
25-08-2018	12:25	52.8	54.0	51.0	
25-08-2018	12:30	53.1	54.0	51.5	53.4
25-08-2018	12:35	53.4	54.5	51.5	
25-08-2018	12:40	52.9	54.0	51.5	
25-08-2018	12:45	53.9	55.5	52.0	
25-08-2018	12:50	53.1	54.0	52.0	
25-08-2018	12:55	53.7	54.5	52.5	
25-08-2018	13:00	53.3	54.0	52.0	53.6
25-08-2018	13:05	53.4	54.5	52.0	
25-08-2018	13:10	54.4	56.0	52.5	
25-08-2018	13:15	53.7	55.0	52.0	
25-08-2018	13:20	52.9	54.0	51.0	
25-08-2018	13:25	53.9	55.0	52.5	
25-08-2018	13:30	55.0	57.0	53.0	55.3
25-08-2018	13:35	55.1	56.0	53.5	
25-08-2018	13:40	55.7	57.0	54.0	
25-08-2018	13:45	55.5	56.5	54.5	
25-08-2018	13:50	55.2	56.0	54.0	
25-08-2018	13:55	55.3	56.5	54.0	
25-08-2018	14:00	53.9	55.0	52.5	54.5
25-08-2018	14:05	54.1	55.0	53.0	
25-08-2018	14:10	53.4	54.0	52.0	
25-08-2018	14:15	54.4	55.5	52.5	
25-08-2018	14:20	54.4	56.0	52.5	
25-08-2018	14:25	56.3	59.0	53.5	
25-08-2018	14:30	56.3	57.0	53.0	54.9
25-08-2018	14:35	54.8	56.0	53.0	
25-08-2018	14:40	54.1	55.0	52.5	
25-08-2018	14:45	54.5	55.5	53.0	
25-08-2018	14:50	54.2	55.0	52.5	
25-08-2018	14:55	55.1	56.0	53.5	
25-08-2018	15:00	54.7	56.0	53.5	54.7
25-08-2018	15:05	55.2	56.5	53.5	
25-08-2018	15:10	54.7	55.5	53.5	
25-08-2018	15:15	53.9	55.0	52.5	
25-08-2018	15:20	54.4	56.0	52.5	
25-08-2018	15:25	55.0	57.0	53.0	
25-08-2018	15:30	54.1	55.5	52.5	55.6
25-08-2018	15:35	55.6	57.5	53.5	
25-08-2018	15:40	55.3	57.0	53.0	
25-08-2018	15:45	55.8	57.5	54.0	
25-08-2018	15:50	55.9	57.0	54.5	
25-08-2018	15:55	56.5	58.0	54.5	

Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
25-08-2018	16:00	56.0	57.0	54.5	56.0
25-08-2018	16:05	56.2	57.0	54.5	
25-08-2018	16:10	55.8	57.0	54.0	
25-08-2018	16:15	56.0	57.0	54.5	
25-08-2018	16:20	55.7	56.5	54.5	
25-08-2018	16:25	56.5	57.5	55.0	
25-08-2018	16:30	57.3	58.5	55.5	56.9
25-08-2018	16:35	57.3	58.5	55.5	
25-08-2018	16:40	56.3	57.5	54.5	
25-08-2018	16:45	56.8	58.0	55.0	
25-08-2018	16:50	55.6	57.0	54.0	
25-08-2018	16:55	57.9	59.5	54.5	
25-08-2018	17:00	55.9	56.5	54.5	55.8
25-08-2018	17:05	55.9	57.0	54.5	
25-08-2018	17:10	55.9	57.5	54.0	
25-08-2018	17:15	56.1	57.5	54.0	
25-08-2018	17:20	55.0	56.0	53.5	
25-08-2018	17:25	56.0	57.5	54.0	
25-08-2018	17:30	55.4	56.5	53.5	56.1
25-08-2018	17:35	56.4	58.0	54.0	
25-08-2018	17:40	55.5	57.0	53.5	
25-08-2018	17:45	57.0	60.0	53.5	
25-08-2018	17:50	57.0	59.0	54.0	
25-08-2018	17:55	55.2	56.0	53.5	
25-08-2018	18:00	55.0	56.0	53.5	55.5
25-08-2018	18:05	56.4	59.0	53.5	
25-08-2018	18:10	55.8	57.0	54.0	
25-08-2018	18:15	55.2	56.5	53.5	
25-08-2018	18:20	55.4	56.5	53.5	
25-08-2018	18:25	55.3	56.0	53.5	
25-08-2018	18:30	56.0	57.5	54.0	55.3
25-08-2018	18:35	55.5	57.0	53.5	
25-08-2018	18:40	55.1	56.5	53.5	
25-08-2018	18:45	55.1	56.0	53.5	
25-08-2018	18:50	54.8	55.5	53.5	
25-08-2018	18:55	55.0	56.0	54.0	
27-08-2018	7:00	51.1	51.5	50.5	53.5
27-08-2018	7:05	51.0	51.5	50.0	
27-08-2018	7:10	52.8	54.0	50.5	
27-08-2018	7:15	53.6	55.5	51.0	
27-08-2018	7:20	55.7	57.0	50.5	
27-08-2018	7:25	54.9	53.5	51.0	
27-08-2018	7:30	54.6	57.5	51.5	54.4
27-08-2018	7:35	52.7	54.0	51.5	
27-08-2018	7:40	53.3	54.5	51.5	
27-08-2018	7:45	55.5	57.0	53.5	
27-08-2018	7:50	54.5	55.0	53.5	
27-08-2018	7:55	55.2	56.0	54.0	

Annex B3 - 5

Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
27-08-2018	8:00	56.3	57.0	55.0	56.9
27-08-2018	8:05	56.8	58.5	55.0	
27-08-2018	8:10	56.3	57.0	55.0	
27-08-2018	8:15	57.3	58.5	54.5	
27-08-2018	8:20	58.4	61.0	54.5	
27-08-2018	8:25	55.4	56.0	54.0	
27-08-2018	8:30	57.0	59.0	55.0	56.5
27-08-2018	8:35	56.9	57.5	54.0	
27-08-2018	8:40	56.2	58.0	54.0	
27-08-2018	8:45	56.0	56.5	54.0	
27-08-2018	8:50	57.3	59.0	54.0	
27-08-2018	8:55	55.4	57.0	53.5	
27-08-2018	9:00	55.6	56.5	54.0	55.4
27-08-2018	9:05	55.2	56.5	53.0	
27-08-2018	9:10	54.3	55.0	53.0	
27-08-2018	9:15	55.6	57.0	53.5	
27-08-2018	9:20	55.5	56.5	54.0	
27-08-2018	9:25	56.2	57.5	54.5	
27-08-2018	9:30	56.0	57.5	54.5	55.2
27-08-2018	9:35	55.5	56.5	54.0	
27-08-2018	9:40	55.0	56.0	53.5	
27-08-2018	9:45	55.3	56.0	54.0	
27-08-2018	9:50	54.2	55.0	53.0	
27-08-2018	9:55	54.8	55.5	53.0	
27-08-2018	10:00	54.5	55.5	53.5	55.9
27-08-2018	10:05	55.6	56.5	54.0	
27-08-2018	10:10	56.6	57.5	54.5	
27-08-2018	10:15	55.7	56.5	54.5	
27-08-2018	10:20	56.1	57.0	54.5	
27-08-2018	10:25	56.4	57.5	54.5	
27-08-2018	10:30	55.1	56.0	54.0	55.7
27-08-2018	10:35	55.4	56.5	54.0	
27-08-2018	10:40	55.4	56.5	53.5	
27-08-2018	10:45	56.1	57.5	54.0	
27-08-2018	10:50	55.6	57.0	53.5	
27-08-2018	10:55	56.3	57.5	54.5	
27-08-2018	11:00	55.4	56.5	54.0	55.5
27-08-2018	11:05	55.2	56.0	53.5	
27-08-2018	11:10	55.4	56.0	54.0	
27-08-2018	11:15	55.6	56.5	54.0	
27-08-2018	11:20	55.6	56.5	54.0	
27-08-2018	11:25	55.5	56.5	54.0	
27-08-2018	11:30	55.9	57.0	54.5	54.7
27-08-2018	11:35	56.2	57.0	54.0	
27-08-2018	11:40	55.5	56.0	54.0	
27-08-2018	11:45	53.6	54.5	52.5	
27-08-2018	11:50	52.9	53.5	51.5	
27-08-2018	11:55	52.2	53.5	51.0	

Annex B3 - 6



Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
27-08-2018	12:00	52.8	54.0	51.5	53.7
27-08-2018	12:05	54.6	56.0	52.0	
27-08-2018	12:10	54.7	57.0	51.5	
27-08-2018	12:15	53.7	54.5	52.5	
27-08-2018	12:20	52.4	53.0	51.0	
27-08-2018	12:25	53.2	54.5	51.0	
27-08-2018	12:30	52.7	53.5	50.5	54.8
27-08-2018	12:35	53.6	55.0	51.5	
27-08-2018	12:40	53.4	55.0	51.5	
27-08-2018	12:45	55.8	59.0	51.5	
27-08-2018	12:50	53.6	55.5	51.5	
27-08-2018	12:55	57.5	61.0	52.0	
27-08-2018	13:00	54.2	55.5	52.5	54.4
27-08-2018	13:05	54.6	56.5	52.0	
27-08-2018	13:10	54.4	55.5	52.5	
27-08-2018	13:15	53.9	55.0	52.5	
27-08-2018	13:20	54.1	55.5	52.5	
27-08-2018	13:25	55.2	56.5	53.0	
27-08-2018	13:30	55.6	57.0	53.5	56.1
27-08-2018	13:35	55.8	57.0	54.0	
27-08-2018	13:40	55.8	57.0	54.0	
27-08-2018	13:45	56.2	57.0	55.0	
27-08-2018	13:50	57.0	57.0	54.0	
27-08-2018	13:55	55.8	56.5	54.0	
27-08-2018	14:00	55.9	56.5	54.5	56.5
27-08-2018	14:05	56.2	57.0	54.5	
27-08-2018	14:10	55.9	57.0	54.0	
27-08-2018	14:15	57.0	58.5	55.0	
27-08-2018	14:20	57.0	58.5	55.0	
27-08-2018	14:25	56.9	58.0	55.0	
27-08-2018	14:30	56.8	58.0	55.0	56.3
27-08-2018	14:35	56.0	57.0	54.5	
27-08-2018	14:40	56.2	57.0	54.5	
27-08-2018	14:45	55.7	56.5	54.5	
27-08-2018	14:50	56.3	57.5	54.5	
27-08-2018	14:55	56.8	58.0	54.5	
27-08-2018	15:00	56.5	57.5	55.0	56.4
27-08-2018	15:05	56.3	57.0	55.0	
27-08-2018	15:10	56.9	58.0	55.0	
27-08-2018	15:15	56.7	58.0	55.0	
27-08-2018	15:20	56.3	57.5	54.5	
27-08-2018	15:25	55.8	57.0	54.5	
27-08-2018	15:30	56.8	59.0	54.5	61.9
27-08-2018	15:35	57.2	58.5	54.5	
27-08-2018	15:40	55.0	55.5	54.5	
27-08-2018	15:45	68.5	59.0	54.0	
27-08-2018	15:50	56.2	57.0	54.5	
27-08-2018	15:55	56.4	57.5	54.5	

Annex B3 - 7

Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
27-08-2018	16:00	56.0	57.5	54.0	55.7
27-08-2018	16:05	55.5	56.0	54.0	
27-08-2018	16:10	55.3	56.5	53.5	
27-08-2018	16:15	55.5	56.5	54.0	
27-08-2018	16:20	55.7	57.0	54.0	
27-08-2018	16:25	56.4	57.5	54.5	
27-08-2018	16:30	56.6	58.0	55.0	56.4
27-08-2018	16:35	56.4	57.5	55.0	
27-08-2018	16:40	56.0	56.5	55.0	
27-08-2018	16:45	56.9	58.0	55.5	
27-08-2018	16:50	56.2	57.5	54.5	
27-08-2018	16:55	56.5	57.5	55.0	
27-08-2018	17:00	56.2	57.0	55.0	56.4
27-08-2018	17:05	56.6	57.5	55.0	
27-08-2018	17:10	56.9	58.0	55.5	
27-08-2018	17:15	56.4	58.0	54.5	
27-08-2018	17:20	56.6	58.0	55.0	
27-08-2018	17:25	55.9	57.0	54.0	
27-08-2018	17:30	57.0	58.5	55.0	56.1
27-08-2018	17:35	56.2	57.0	55.0	
27-08-2018	17:40	56.0	57.0	54.5	
27-08-2018	17:45	55.9	57.0	54.0	
27-08-2018	17:50	55.7	56.5	54.5	
27-08-2018	17:55	55.6	56.5	54.5	
27-08-2018	18:00	55.2	56.0	54.0	55.7
27-08-2018	18:05	55.0	56.0	53.5	
27-08-2018	18:10	55.8	56.5	54.5	
27-08-2018	18:15	55.5	56.5	54.0	
27-08-2018	18:20	56.0	57.0	54.5	
27-08-2018	18:25	56.4	58.0	54.5	
27-08-2018	18:30	56.5	58.0	54.0	57.0
27-08-2018	18:35	56.0	57.0	54.5	
27-08-2018	18:40	56.0	57.0	54.0	
27-08-2018	18:45	59.6	62.0	55.0	
27-08-2018	18:50	56.1	57.5	54.0	
27-08-2018	18:55	56.2	57.5	54.5	
28-08-2018	7:00	51.0	51.5	50.0	53.8
28-08-2018	7:05	50.3	50.5	49.5	
28-08-2018	7:10	59.3	63.0	50.0	
28-08-2018	7:15	51.9	53.5	50.0	
28-08-2018	7:20	50.3	50.5	49.5	
28-08-2018	7:25	49.7	50.0	49.0	
28-08-2018	7:30	50.7	53.0	48.0	53.4
28-08-2018	7:35	53.0	56.0	49.5	
28-08-2018	7:40	51.3	52.0	50.0	
28-08-2018	7:45	54.5	57.0	51.5	
28-08-2018	7:50	55.4	58.0	51.0	
28-08-2018	7:55	53.5	55.0	52.0	

Annex B3 - 8

Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
28-08-2018	8:00	53.4	55.0	52.0	53.8
28-08-2018	8:05	52.5	53.0	51.5	
28-08-2018	8:10	52.2	53.0	51.0	
28-08-2018	8:15	54.5	57.0	52.0	
28-08-2018	8:20	54.6	56.5	52.5	
28-08-2018	8:25	54.9	56.5	52.5	
28-08-2018	8:30	54.3	56.0	52.0	55.9
28-08-2018	8:35	55.7	57.0	54.0	
28-08-2018	8:40	55.6	57.0	53.5	
28-08-2018	8:45	55.1	56.5	53.5	
28-08-2018	8:50	54.4	55.5	53.0	
28-08-2018	8:55	58.5	61.0	52.5	
28-08-2018	9:00	53.8	54.5	52.5	54.9
28-08-2018	9:05	54.6	55.5	53.0	
28-08-2018	9:10	55.1	56.0	53.5	
28-08-2018	9:15	54.9	56.0	53.5	
28-08-2018	9:20	55.5	57.5	53.5	
28-08-2018	9:25	55.2	56.5	53.5	
28-08-2018	9:30	55.3	56.5	53.0	56.0
28-08-2018	9:35	54.3	56.0	52.5	
28-08-2018	9:40	55.8	57.5	53.0	
28-08-2018	9:45	55.5	57.5	53.0	
28-08-2018	9:50	54.7	56.5	53.0	
28-08-2018	9:55	58.7	62.0	54.0	
28-08-2018	10:00	55.3	57.0	53.5	55.2
28-08-2018	10:05	55.0	56.5	53.0	
28-08-2018	10:10	55.7	57.5	53.0	
28-08-2018	10:15	54.7	56.5	52.5	
28-08-2018	10:20	55.5	57.5	53.5	
28-08-2018	10:25	55.1	56.5	53.5	
28-08-2018	10:30	56.9	58.5	54.5	55.3
28-08-2018	10:35	55.3	56.5	53.5	
28-08-2018	10:40	54.5	55.5	53.0	
28-08-2018	10:45	55.0	56.0	53.5	
28-08-2018	10:50	55.0	55.5	53.5	
28-08-2018	10:55	54.8	55.5	53.5	
28-08-2018	11:00	54.5	55.5	53.0	54.5
28-08-2018	11:05	54.3	55.0	53.5	
28-08-2018	11:10	56.3	58.5	53.5	
28-08-2018	11:15	53.9	54.5	52.5	
28-08-2018	11:20	53.6	54.0	52.5	
28-08-2018	11:25	53.8	55.0	52.0	
28-08-2018	11:30	54.3	55.5	52.5	54.1
28-08-2018	11:35	54.1	55.0	52.5	
28-08-2018	11:40	56.2	58.5	52.0	
28-08-2018	11:45	54.3	56.0	51.0	
28-08-2018	11:50	52.1	52.5	50.5	
28-08-2018	11:55	52.4	53.5	51.0	

Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
28-08-2018	12:00	54.8	58.0	51.0	52.6
28-08-2018	12:05	51.9	53.0	49.0	
28-08-2018	12:10	51.4	52.0	50.0	
28-08-2018	12:15	51.0	52.0	49.5	
28-08-2018	12:20	51.0	52.0	49.5	
28-08-2018	12:25	53.7	58.5	49.5	
28-08-2018	12:30	51.5	52.5	50.5	54.4
28-08-2018	12:35	53.6	56.0	50.5	
28-08-2018	12:40	52.3	52.5	50.5	
28-08-2018	12:45	53.8	55.5	51.5	
28-08-2018	12:50	53.0	55.0	51.0	
28-08-2018	12:55	58.3	60.5	53.5	
28-08-2018	17:00	58.9	60.0	57.0	56.6
28-08-2018	17:05	56.7	57.5	55.0	
28-08-2018	17:10	56.0	56.5	54.5	
28-08-2018	17:15	55.5	56.5	54.5	
28-08-2018	17:20	56.0	57.0	54.5	
28-08-2018	17:25	55.5	56.5	54.0	
28-08-2018	17:30	55.4	56.0	54.0	55.3
28-08-2018	17:35	55.8	56.5	54.5	
28-08-2018	17:40	56.5	57.0	54.0	
28-08-2018	17:45	54.8	55.5	53.5	
28-08-2018	17:50	54.6	55.0	53.0	
28-08-2018	17:55	54.5	55.0	53.5	
28-08-2018	18:00	54.8	55.5	53.0	62.3
28-08-2018	18:05	64.9	67.5	54.5	
28-08-2018	18:10	63.5	65.5	59.0	
28-08-2018	18:15	64.4	66.5	61.5	
28-08-2018	18:20	61.5	64.0	57.0	
28-08-2018	18:25	56.2	57.0	55.0	
28-08-2018	18:30	55.1	56.0	54.0	55.5
28-08-2018	18:35	54.9	55.5	53.5	
28-08-2018	18:40	55.5	56.5	54.0	
28-08-2018	18:45	55.4	56.0	54.5	
28-08-2018	18:50	56.3	57.0	55.5	
28-08-2018	18:55	55.7	56.5	54.5	
29-08-2018	7:00	50.8	53.0	48.0	52.1
29-08-2018	7:05	54.3	53.5	49.5	
29-08-2018	7:10	51.0	52.5	48.5	
29-08-2018	7:15	52.0	54.0	49.0	
29-08-2018	7:20	52.0	53.5	50.0	
29-08-2018	7:25	51.5	52.5	50.0	
29-08-2018	7:30	54.0	53.5	50.0	54.1
29-08-2018	7:35	54.7	57.0	51.0	
29-08-2018	7:40	52.3	53.0	51.0	
29-08-2018	7:45	52.2	53.0	51.0	
29-08-2018	7:50	54.6	56.0	52.5	
29-08-2018	7:55	55.5	57.0	53.5	

Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
29-08-2018	8:00	57.4	58.0	53.5	56.4
29-08-2018	8:05	56.0	57.5	54.0	
29-08-2018	8:10	56.6	57.5	54.0	
29-08-2018	8:15	56.0	57.5	53.5	
29-08-2018	8:20	55.3	56.5	54.0	
29-08-2018	8:25	56.7	58.0	54.5	
29-08-2018	8:30	57.0	58.0	54.5	56.6
29-08-2018	8:35	56.0	57.0	54.5	
29-08-2018	8:40	56.2	57.0	54.5	
29-08-2018	8:45	56.4	57.0	54.5	
29-08-2018	8:50	56.4	57.5	55.0	
29-08-2018	8:55	57.6	58.5	55.0	
29-08-2018	9:00	56.2	57.0	55.0	56.6
29-08-2018	9:05	57.3	58.0	55.0	
29-08-2018	9:10	56.5	57.5	55.0	
29-08-2018	9:15	56.6	57.5	55.0	
29-08-2018	9:20	56.5	57.5	55.0	
29-08-2018	9:25	56.2	57.5	54.5	
29-08-2018	9:30	56.2	57.0	54.5	60.1
29-08-2018	9:35	63.1	68.0	55.0	
29-08-2018	9:40	63.6	69.0	55.5	
29-08-2018	9:45	57.0	58.0	55.0	
29-08-2018	9:50	56.3	57.5	54.5	
29-08-2018	9:55	56.6	57.5	54.5	
29-08-2018	10:00	55.7	56.5	54.0	56.4
29-08-2018	10:05	56.0	57.0	54.5	
29-08-2018	10:10	56.4	57.5	55.0	
29-08-2018	10:15	56.2	57.0	54.5	
29-08-2018	10:20	56.4	57.5	54.5	
29-08-2018	10:25	57.4	60.0	54.5	
29-08-2018	10:30	56.3	57.0	55.0	63.5
29-08-2018	10:35	56.4	57.0	55.0	
29-08-2018	10:40	56.9	58.0	55.5	
29-08-2018	10:45	56.6	57.5	55.0	
29-08-2018	10:50	70.5	74.5	56.0	
29-08-2018	10:55	56.6	57.5	55.0	
29-08-2018	11:00	56.9	58.0	55.0	57.2
29-08-2018	11:05	57.3	58.5	55.5	
29-08-2018	11:10	57.2	58.5	55.5	
29-08-2018	11:15	57.4	59.0	55.5	
29-08-2018	11:20	56.8	58.0	55.0	
29-08-2018	11:25	57.3	58.5	55.0	
29-08-2018	11:30	57.0	58.0	55.0	56.3
29-08-2018	11:35	56.7	57.5	55.0	
29-08-2018	11:40	57.1	58.5	54.5	
29-08-2018	11:45	56.0	57.0	54.5	
29-08-2018	11:50	55.6	57.0	54.0	
29-08-2018	11:55	55.2	56.0	53.5	

Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
29-08-2018	13:00	53.8	55.0	52.0	58.8
29-08-2018	13:05	56.2	57.5	53.5	
29-08-2018	13:10	57.8	59.5	55.5	
29-08-2018	13:15	56.6	58.0	54.5	
29-08-2018	13:20	61.1	64.5	56.5	
29-08-2018	13:25	61.8	64.0	58.5	
29-08-2018	13:30	61.3	63.5	58.5	59.7
29-08-2018	13:35	60.3	62.0	58.0	
29-08-2018	13:40	60.5	62.5	58.0	
29-08-2018	13:45	59.4	61.0	56.5	
29-08-2018	13:50	57.5	58.5	56.0	
29-08-2018	13:55	57.8	59.0	56.0	
29-08-2018	14:00	57.4	58.5	55.5	57.6
29-08-2018	14:05	57.6	59.0	55.5	
29-08-2018	14:10	57.5	59.0	55.5	
29-08-2018	14:15	57.4	59.0	55.0	
29-08-2018	14:20	58.3	60.5	55.5	
29-08-2018	14:25	57.0	58.0	55.5	
29-08-2018	14:30	57.5	59.0	55.0	57.6
29-08-2018	14:35	58.0	59.5	55.5	
29-08-2018	14:40	57.5	59.0	55.5	
29-08-2018	14:45	57.5	59.5	55.0	
29-08-2018	14:50	58.5	59.0	55.0	
29-08-2018	14:55	56.6	58.0	55.0	
29-08-2018	15:00	56.0	57.0	54.5	56.3
29-08-2018	15:05	56.9	58.5	54.5	
29-08-2018	15:10	56.0	57.5	54.5	
29-08-2018	15:15	56.3	57.5	54.5	
29-08-2018	15:20	56.7	57.5	54.0	
29-08-2018	15:25	56.1	57.0	54.5	
29-08-2018	15:30	56.5	58.0	54.5	57.5
29-08-2018	15:35	56.8	58.0	55.0	
29-08-2018	15:40	56.8	58.0	55.0	
29-08-2018	15:45	57.2	58.0	55.5	
29-08-2018	15:50	58.3	59.5	56.5	
29-08-2018	15:55	58.8	59.5	57.5	
29-08-2018	16:00	58.6	60.0	57.0	58.4
29-08-2018	16:05	57.9	59.0	56.5	
29-08-2018	16:10	58.8	59.5	57.0	
29-08-2018	16:15	58.2	59.0	56.5	
29-08-2018	16:20	57.8	58.5	56.0	
29-08-2018	16:25	59.2	60.0	57.5	
29-08-2018	16:30	59.6	60.5	58.0	58.8
29-08-2018	16:35	59.0	60.0	57.5	
29-08-2018	16:40	58.3	59.0	57.0	
29-08-2018	16:45	58.4	59.5	57.0	
29-08-2018	16:50	59.1	60.0	57.5	
29-08-2018	16:55	58.2	59.0	57.0	

Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
29-08-2018	17:00	58.9	59.5	56.5	57.4
29-08-2018	17:05	57.2	58.0	56.0	
29-08-2018	17:10	56.9	58.0	55.5	
29-08-2018	17:15	56.9	58.0	55.5	
29-08-2018	17:20	57.1	58.5	55.0	
29-08-2018	17:25	57.2	58.0	55.5	
29-08-2018	17:30	57.8	59.5	55.5	56.1
29-08-2018	17:35	58.0	59.5	54.5	
29-08-2018	17:40	55.3	56.0	53.5	
29-08-2018	17:45	54.7	55.0	53.0	
29-08-2018	17:50	53.7	54.5	52.0	
29-08-2018	17:55	55.1	56.5	53.0	
29-08-2018	18:00	55.2	56.5	53.5	55.5
29-08-2018	18:05	54.7	55.5	53.0	
29-08-2018	18:10	55.7	57.5	53.0	
29-08-2018	18:15	56.9	58.5	53.5	
29-08-2018	18:20	55.7	57.5	53.5	
29-08-2018	18:25	54.5	55.5	53.0	
29-08-2018	18:30	57.7	59.0	53.5	56.0
29-08-2018	18:35	57.0	58.0	54.0	
29-08-2018	18:40	55.4	56.0	54.0	
29-08-2018	18:45	55.8	57.0	54.0	
29-08-2018	18:50	54.6	55.5	53.5	
29-08-2018	18:55	54.6	55.5	53.5	
30-08-2018	7:00	52.9	55.5	50.0	53.6
30-08-2018	7:05	53.2	56.0	49.5	
30-08-2018	7:10	51.8	53.0	50.0	
30-08-2018	7:15	51.7	53.0	49.5	
30-08-2018	7:20	55.7	57.5	51.0	
30-08-2018	7:25	54.9	57.0	52.0	
30-08-2018	7:30	53.9	56.0	51.5	54.5
30-08-2018	7:35	53.4	55.0	51.0	
30-08-2018	7:40	55.0	56.5	51.5	
30-08-2018	7:45	53.8	55.0	52.0	
30-08-2018	7:50	56.0	58.5	52.5	
30-08-2018	7:55	54.2	55.5	52.0	
30-08-2018	8:00	54.6	55.5	53.0	56.7
30-08-2018	8:05	59.3	64.0	53.0	
30-08-2018	8:10	56.1	57.5	54.0	
30-08-2018	8:15	55.6	57.0	53.5	
30-08-2018	8:20	55.9	57.5	53.5	
30-08-2018	8:25	56.9	58.5	54.5	
30-08-2018	8:30	57.4	59.5	54.5	57.1
30-08-2018	8:35	57.8	60.0	55.0	
30-08-2018	8:40	57.8	59.5	55.0	
30-08-2018	8:45	56.1	57.5	54.5	
30-08-2018	8:50	56.7	58.0	54.5	
30-08-2018	8:55	56.5	58.0	54.5	

Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
30-08-2018	9:00	56.2	57.0	54.5	57.1
30-08-2018	9:05	56.8	58.5	54.5	
30-08-2018	9:10	57.0	58.0	55.5	
30-08-2018	9:15	57.5	59.0	55.5	
30-08-2018	9:20	57.4	58.5	55.5	
30-08-2018	9:25	57.3	58.5	55.5	
30-08-2018	9:30	57.7	59.5	55.5	57.4
30-08-2018	9:35	57.1	58.5	55.5	
30-08-2018	9:40	57.8	59.0	55.5	
30-08-2018	9:45	57.1	58.0	55.0	
30-08-2018	9:50	57.7	58.5	55.5	
30-08-2018	9:55	56.9	58.0	55.5	
30-08-2018	10:00	57.6	59.0	55.5	57.9
30-08-2018	10:05	57.8	59.5	55.5	
30-08-2018	10:10	57.7	59.0	55.5	
30-08-2018	10:15	57.4	58.5	55.5	
30-08-2018	10:20	58.3	61.0	55.0	
30-08-2018	10:25	58.6	62.0	55.5	
30-08-2018	10:30	56.8	58.0	55.0	57.1
30-08-2018	10:35	56.6	58.0	55.0	
30-08-2018	10:40	56.3	57.5	54.5	
30-08-2018	10:45	57.6	59.0	55.0	
30-08-2018	10:50	57.6	60.0	55.0	
30-08-2018	10:55	57.3	58.5	55.5	
30-08-2018	11:00	57.3	59.0	55.0	57.5
30-08-2018	11:05	58.1	58.5	54.5	
30-08-2018	11:10	56.8	59.0	54.0	
30-08-2018	11:15	57.4	59.5	55.0	
30-08-2018	11:20	59.2	62.5	54.5	
30-08-2018	11:25	55.4	56.5	53.5	
30-08-2018	11:30	57.0	59.0	54.0	55.8
30-08-2018	11:35	55.6	57.0	54.0	
30-08-2018	11:40	55.3	56.5	53.5	
30-08-2018	11:45	55.5	57.0	53.5	
30-08-2018	11:50	55.5	57.0	53.5	
30-08-2018	11:55	55.5	56.5	53.0	
30-08-2018	12:00	55.6	57.0	53.5	55.8
30-08-2018	12:05	56.6	58.5	53.5	
30-08-2018	12:10	55.1	56.5	53.0	
30-08-2018	12:15	56.0	57.5	54.0	
30-08-2018	12:20	54.9	56.5	53.0	
30-08-2018	12:25	56.3	58.5	54.0	
30-08-2018	12:30	56.9	58.5	54.0	56.4
30-08-2018	12:35	57.0	59.0	54.0	
30-08-2018	12:40	55.3	57.0	53.0	
30-08-2018	12:45	55.1	56.0	53.5	
30-08-2018	12:50	55.8	57.0	53.5	
30-08-2018	12:55	57.7	59.0	55.0	

Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
30-08-2018	13:00	56.7	58.0	55.0	57.3
30-08-2018	13:05	57.4	58.5	55.5	
30-08-2018	13:10	57.4	59.0	55.0	
30-08-2018	13:15	57.1	58.0	55.0	
30-08-2018	13:20	57.3	59.0	55.0	
30-08-2018	13:25	57.9	59.5	55.5	
30-08-2018	13:30	58.2	60.0	55.5	56.8
30-08-2018	13:35	57.0	58.0	55.0	
30-08-2018	13:40	56.5	58.0	54.5	
30-08-2018	13:45	56.1	57.5	54.0	
30-08-2018	13:50	56.2	57.0	55.0	
30-08-2018	13:55	56.6	57.5	55.0	
30-08-2018	14:00	56.8	57.5	55.0	57.2
30-08-2018	14:05	57.3	58.5	55.5	
30-08-2018	14:10	56.5	57.5	55.0	
30-08-2018	14:15	57.1	58.0	55.5	
30-08-2018	14:20	57.7	59.0	56.0	
30-08-2018	14:25	57.8	59.5	56.0	
30-08-2018	14:30	57.6	59.0	55.5	57.3
30-08-2018	14:35	57.3	58.5	55.5	
30-08-2018	14:40	57.8	59.0	56.0	
30-08-2018	14:45	57.8	59.0	55.5	
30-08-2018	14:50	57.3	59.0	55.0	
30-08-2018	14:55	55.8	57.0	54.0	
30-08-2018	15:00	58.0	60.0	55.5	57.4
30-08-2018	15:05	58.2	60.0	56.0	
30-08-2018	15:10	57.6	58.5	55.5	
30-08-2018	15:15	56.6	58.0	54.5	
30-08-2018	15:20	56.8	58.5	54.5	
30-08-2018	15:25	57.2	58.0	55.0	
30-08-2018	15:30	56.1	57.0	54.5	55.7
30-08-2018	15:35	55.9	57.0	54.0	
30-08-2018	15:40	55.8	57.5	53.5	
30-08-2018	15:45	55.0	56.5	53.0	
30-08-2018	15:50	55.1	56.0	53.5	
30-08-2018	15:55	56.2	58.0	54.0	
30-08-2018	16:00	55.3	56.5	53.5	56.1
30-08-2018	16:05	55.9	57.5	53.5	
30-08-2018	16:10	55.4	56.5	53.5	
30-08-2018	16:15	55.3	56.5	53.0	
30-08-2018	16:20	54.6	56.0	52.5	
30-08-2018	16:25	58.7	63.0	53.5	
30-08-2018	16:30	54.6	56.0	53.0	55.0
30-08-2018	16:35	55.0	56.0	53.0	
30-08-2018	16:40	54.1	55.0	52.5	
30-08-2018	16:45	55.0	56.5	53.0	
30-08-2018	16:50	55.4	56.5	53.5	
30-08-2018	16:55	55.5	57.0	53.5	

Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
30-08-2018	17:00	59.1	61.5	55.0	55.5
30-08-2018	17:05	54.7	55.5	53.0	
30-08-2018	17:10	54.6	55.5	53.0	
30-08-2018	17:15	53.9	55.0	52.5	
30-08-2018	17:20	53.9	54.5	52.5	
30-08-2018	17:25	53.6	55.0	52.0	
30-08-2018	17:30	54.0	54.5	52.5	53.9
30-08-2018	17:35	53.8	54.5	52.5	
30-08-2018	17:40	53.6	54.5	52.5	
30-08-2018	17:45	54.3	56.0	52.0	
30-08-2018	17:50	53.7	55.0	51.5	
30-08-2018	17:55	53.7	53.5	51.5	
30-08-2018	18:00	52.7	53.5	51.0	53.7
30-08-2018	18:05	52.6	53.5	51.0	
30-08-2018	18:10	52.0	53.0	50.5	
30-08-2018	18:15	51.8	52.5	50.5	
30-08-2018	18:20	56.8	60.5	52.0	
30-08-2018	18:25	53.9	56.0	51.5	
30-08-2018	18:30	52.2	53.0	51.0	51.6
30-08-2018	18:35	51.8	53.0	50.5	
30-08-2018	18:40	51.2	52.0	50.0	
30-08-2018	18:45	51.2	52.0	50.0	
30-08-2018	18:50	51.1	52.0	50.0	
30-08-2018	18:55	51.9	53.0	50.5	
31-08-2018	7:00	64.0	70.0	50.0	65.0
31-08-2018	7:05	66.8	69.0	62.5	
31-08-2018	7:10	63.7	68.5	51.5	
31-08-2018	7:15	67.9	71.0	61.5	
31-08-2018	7:20	64.8	67.5	56.0	
31-08-2018	7:25	54.6	57.0	51.5	
31-08-2018	7:30	53.9	57.0	50.5	58.1
31-08-2018	7:35	54.4	57.0	51.0	
31-08-2018	7:40	55.4	56.5	50.5	
31-08-2018	7:45	53.2	54.0	51.5	
31-08-2018	7:50	60.5	62.5	52.5	
31-08-2018	7:55	62.2	66.0	53.5	
31-08-2018	8:00	56.3	57.5	54.0	56.6
31-08-2018	8:05	58.0	60.5	54.5	
31-08-2018	8:10	56.5	57.5	55.0	
31-08-2018	8:15	55.7	56.5	54.5	
31-08-2018	8:20	56.3	57.0	55.0	
31-08-2018	8:25	56.6	57.5	55.0	
31-08-2018	8:30	57.6	58.5	56.0	56.4
31-08-2018	8:35	56.1	57.5	54.5	
31-08-2018	8:40	56.5	57.5	55.0	
31-08-2018	8:45	56.1	57.0	54.5	
31-08-2018	8:50	55.7	57.0	54.0	
31-08-2018	8:55	56.4	57.5	54.0	

Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
31-08-2018	9:00	55.3	56.5	54.0	55.7
31-08-2018	9:05	56.2	57.0	54.0	
31-08-2018	9:10	55.8	56.5	54.0	
31-08-2018	9:15	55.6	56.5	54.0	
31-08-2018	9:20	55.6	56.5	54.0	
31-08-2018	9:25	55.7	56.5	54.0	
31-08-2018	9:30	55.1	56.0	53.5	57.4
31-08-2018	9:35	61.2	61.5	54.0	
31-08-2018	9:40	56.8	58.0	54.5	
31-08-2018	9:45	55.5	56.5	54.0	
31-08-2018	9:50	56.5	58.0	54.5	
31-08-2018	9:55	55.9	57.0	54.5	
31-08-2018	10:00	57.2	59.0	55.0	56.8
31-08-2018	10:05	56.2	57.5	54.5	
31-08-2018	10:10	57.2	58.5	55.5	
31-08-2018	10:15	56.7	57.5	55.0	
31-08-2018	10:20	56.4	57.5	55.0	
31-08-2018	10:25	56.8	58.5	54.5	
31-08-2018	10:30	55.6	56.5	54.0	56.1
31-08-2018	10:35	56.0	57.0	54.0	
31-08-2018	10:40	56.8	58.5	54.5	
31-08-2018	10:45	56.3	57.5	54.5	
31-08-2018	10:50	55.7	57.0	54.0	
31-08-2018	10:55	55.9	57.5	53.5	
31-08-2018	11:00	56.4	58.0	54.5	55.6
31-08-2018	11:05	56.0	57.0	54.5	
31-08-2018	11:10	57.0	58.0	54.5	
31-08-2018	11:15	55.5	56.5	54.0	
31-08-2018	11:20	54.4	55.5	52.5	
31-08-2018	11:25	53.7	54.5	52.5	
31-08-2018	11:30	53.8	54.5	52.5	52.9
31-08-2018	11:35	53.6	54.5	52.0	
31-08-2018	11:40	53.8	54.5	52.5	
31-08-2018	11:45	51.9	53.0	51.0	
31-08-2018	11:50	51.7	52.5	50.5	
31-08-2018	11:55	51.9	53.0	50.5	
31-08-2018	12:00	51.7	52.5	50.5	51.0
31-08-2018	12:05	51.0	51.5	50.0	
31-08-2018	12:10	50.8	51.5	49.5	
31-08-2018	12:15	50.8	51.5	49.5	
31-08-2018	12:20	50.7	51.5	49.5	
31-08-2018	12:25	51.0	52.0	50.0	
31-08-2018	12:30	52.1	53.0	50.5	53.4
31-08-2018	12:35	53.5	55.0	51.5	
31-08-2018	12:40	52.5	53.0	51.0	
31-08-2018	12:45	52.7	54.0	51.0	
31-08-2018	12:50	54.6	55.5	52.5	
31-08-2018	12:55	54.4	55.0	53.0	

Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
31-08-2018	13:00	54.9	56.0	53.0	54.6
31-08-2018	13:05	54.3	55.0	53.0	
31-08-2018	13:10	54.3	55.5	53.0	
31-08-2018	13:15	54.8	56.0	53.0	
31-08-2018	13:20	54.7	56.0	53.0	
31-08-2018	13:25	54.6	55.5	53.0	
31-08-2018	13:30	54.9	56.0	53.0	55.7
31-08-2018	13:35	54.6	55.5	53.0	
31-08-2018	13:40	54.4	55.5	53.0	
31-08-2018	13:45	55.5	56.5	54.0	
31-08-2018	13:50	55.7	57.0	54.0	
31-08-2018	13:55	57.9	59.0	55.5	
31-08-2018	14:00	58.3	60.0	55.5	56.9
31-08-2018	14:05	56.7	58.0	55.0	
31-08-2018	14:10	57.2	58.0	55.5	
31-08-2018	14:15	56.5	57.5	55.0	
31-08-2018	14:20	56.0	57.0	54.5	
31-08-2018	14:25	56.1	57.0	54.0	
31-08-2018	14:30	55.5	56.5	54.0	55.8
31-08-2018	14:35	55.9	57.0	54.5	
31-08-2018	14:40	55.7	57.0	54.0	
31-08-2018	14:45	55.6	57.5	53.5	
31-08-2018	14:50	56.2	58.0	53.5	
31-08-2018	14:55	55.6	56.5	54.0	
31-08-2018	15:00	55.4	56.5	54.0	55.0
31-08-2018	15:05	56.2	57.5	54.0	
31-08-2018	15:10	55.4	57.0	53.5	
31-08-2018	15:15	54.2	55.0	52.5	
31-08-2018	15:20	54.3	55.5	52.5	
31-08-2018	15:25	53.8	54.5	52.5	
31-08-2018	15:30	53.9	55.0	52.5	54.3
31-08-2018	15:35	53.7	54.5	52.5	
31-08-2018	15:40	54.3	55.0	53.0	
31-08-2018	15:45	54.3	55.0	53.0	
31-08-2018	15:50	54.3	55.5	52.5	
31-08-2018	15:55	55.1	56.0	52.5	
31-08-2018	16:00	56.2	57.5	52.5	54.2
31-08-2018	16:05	53.7	54.5	52.0	
31-08-2018	16:10	53.6	54.5	52.0	
31-08-2018	16:15	53.5	54.5	52.0	
31-08-2018	16:20	53.8	55.5	51.5	
31-08-2018	16:25	53.7	55.0	52.0	
31-08-2018	16:30	53.7	54.5	52.0	53.6
31-08-2018	16:35	54.3	55.0	52.5	
31-08-2018	16:40	54.4	55.5	53.0	
31-08-2018	16:45	53.9	55.0	52.0	
31-08-2018	16:50	52.4	53.0	51.0	
31-08-2018	16:55	52.8	53.5	51.5	

Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
31-08-2018	17:00	53.5	54.5	52.0	54.8
31-08-2018	17:05	53.6	54.5	52.0	
31-08-2018	17:10	53.9	55.5	51.5	
31-08-2018	17:15	55.0	57.0	52.5	
31-08-2018	17:20	54.5	55.5	52.0	
31-08-2018	17:25	57.2	59.0	53.0	
31-08-2018	17:30	54.4	55.0	52.5	53.1
31-08-2018	17:35	52.8	53.5	51.5	
31-08-2018	17:40	52.9	53.5	52.0	
31-08-2018	17:45	53.8	55.0	51.0	
31-08-2018	17:50	52.4	53.5	51.0	
31-08-2018	17:55	52.0	53.0	50.5	
31-08-2018	18:00	52.1	53.0	50.5	52.2
31-08-2018	18:05	51.9	53.0	50.5	
31-08-2018	18:10	51.9	52.5	50.5	
31-08-2018	18:15	52.2	53.5	50.5	
31-08-2018	18:20	53.2	55.5	51.0	
31-08-2018	18:25	52.0	53.0	50.5	
31-08-2018	18:30	52.5	53.5	51.0	54.7
31-08-2018	18:35	53.5	54.5	52.0	
31-08-2018	18:40	53.7	55.0	52.5	
31-08-2018	18:45	58.9	59.0	51.5	
31-08-2018	18:50	52.4	53.5	51.0	
31-08-2018	18:55	52.4	53.5	51.0	
01-09-2018	7:00	49.9	51.5	47.5	50.2
01-09-2018	7:05	49.8	51.0	48.0	
01-09-2018	7:10	50.4	52.0	49.0	
01-09-2018	7:15	50.7	52.0	49.0	
01-09-2018	7:20	50.1	51.0	49.0	
01-09-2018	7:25	50.5	51.5	49.0	
01-09-2018	7:30	50.9	52.0	49.0	53.0
01-09-2018	7:35	52.0	53.5	50.0	
01-09-2018	7:40	53.1	56.0	49.5	
01-09-2018	7:45	51.1	52.0	49.0	
01-09-2018	7:50	52.4	54.0	50.0	
01-09-2018	7:55	56.2	57.5	51.0	
01-09-2018	8:00	53.4	55.0	51.5	54.0
01-09-2018	8:05	53.9	55.0	52.0	
01-09-2018	8:10	54.4	55.5	52.5	
01-09-2018	8:15	54.3	55.5	52.5	
01-09-2018	8:20	54.2	55.5	52.5	
01-09-2018	8:25	53.5	54.5	52.0	
01-09-2018	8:30	55.4	57.5	52.5	60.2
01-09-2018	8:35	66.6	71.0	55.5	
01-09-2018	8:40	57.9	60.0	55.5	
01-09-2018	8:45	54.3	55.5	53.0	
01-09-2018	8:50	53.9	55.0	52.5	
01-09-2018	8:55	54.6	55.5	53.5	

Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
01-09-2018	9:00	54.7	55.5	53.0	54.5
01-09-2018	9:05	54.6	55.5	53.0	
01-09-2018	9:10	54.3	55.0	52.5	
01-09-2018	9:15	54.2	55.0	52.5	
01-09-2018	9:20	54.6	55.5	53.5	
01-09-2018	9:25	54.6	55.5	53.0	
01-09-2018	12:00	65.9	67.5	61.5	61.7
01-09-2018	12:05	58.7	59.5	57.5	
01-09-2018	12:10	57.8	58.5	57.0	
01-09-2018	12:15	60.3	61.0	59.0	
01-09-2018	12:20	61.5	62.5	60.0	
01-09-2018	12:25	60.8	61.5	59.5	
01-09-2018	12:30	58.8	60.5	56.5	57.4
01-09-2018	12:35	56.2	57.0	55.0	
01-09-2018	12:40	58.3	61.0	55.5	
01-09-2018	12:45	59.0	61.5	54.5	
01-09-2018	12:50	55.9	55.0	53.0	
01-09-2018	12:55	54.0	54.5	53.0	
01-09-2018	13:00	54.7	55.5	54.0	60.8
01-09-2018	13:05	56.0	58.0	54.5	
01-09-2018	13:10	61.1	62.5	59.5	
01-09-2018	13:15	63.0	64.5	59.5	
01-09-2018	13:20	63.4	65.5	60.5	
01-09-2018	13:25	60.4	61.5	59.0	
01-09-2018	13:30	66.3	68.5	62.5	68.4
01-09-2018	13:35	70.5	73.0	64.0	
01-09-2018	13:40	70.6	73.5	62.0	
01-09-2018	13:45	65.8	69.5	62.5	
01-09-2018	13:50	67.7	70.0	65.0	
01-09-2018	13:55	66.8	70.0	63.5	
01-09-2018	14:00	62.0	63.0	60.5	60.9
01-09-2018	14:05	61.0	62.0	60.0	
01-09-2018	14:10	60.8	61.5	59.5	
01-09-2018	14:15	59.1	60.5	57.5	
01-09-2018	14:20	58.1	59.0	57.0	
01-09-2018	14:25	62.8	65.0	58.5	
01-09-2018	14:30	60.7	62.5	59.0	60.0
01-09-2018	14:35	59.9	60.5	58.5	
01-09-2018	14:40	60.5	61.5	59.5	
01-09-2018	14:45	60.5	61.0	59.5	
01-09-2018	14:50	59.6	60.5	58.5	
01-09-2018	14:55	58.7	59.5	57.5	
01-09-2018	15:00	59.5	60.5	58.0	58.6
01-09-2018	15:05	59.1	60.0	57.5	
01-09-2018	15:10	59.0	60.0	57.5	
01-09-2018	15:15	58.3	59.0	57.0	
01-09-2018	15:20	57.8	59.5	56.0	
01-09-2018	15:25	57.6	58.5	56.0	

Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
01-09-2018	15:30	58.1	59.0	57.0	58.2
01-09-2018	15:35	58.2	59.0	57.0	
01-09-2018	15:40	59.2	60.0	58.0	
01-09-2018	15:45	58.6	59.5	57.5	
01-09-2018	15:50	57.3	58.0	56.0	
01-09-2018	15:55	57.3	58.0	56.0	
01-09-2018	16:00	56.1	56.5	55.0	54.9
01-09-2018	16:05	55.0	55.5	54.0	
01-09-2018	16:10	54.8	55.5	53.5	
01-09-2018	16:15	54.2	55.0	53.0	
01-09-2018	16:20	54.3	55.0	53.0	
01-09-2018	16:25	54.5	55.5	53.5	
01-09-2018	16:30	54.4	55.0	53.0	56.4
01-09-2018	16:35	56.1	57.0	54.0	
01-09-2018	16:40	55.7	56.5	54.5	
01-09-2018	16:45	58.8	61.0	55.5	
01-09-2018	16:50	56.4	57.0	55.0	
01-09-2018	16:55	55.5	56.0	54.5	
01-09-2018	17:00	55.2	56.0	54.0	54.6
01-09-2018	17:05	55.0	56.0	54.0	
01-09-2018	17:10	54.4	55.0	53.0	
01-09-2018	17:15	55.0	57.0	53.0	
01-09-2018	17:20	53.7	54.5	52.5	
01-09-2018	17:25	54.3	55.0	53.0	
01-09-2018	17:30	54.7	55.5	53.5	55.1
01-09-2018	17:35	54.3	55.0	53.0	
01-09-2018	17:40	55.7	57.0	53.5	
01-09-2018	17:45	55.2	57.0	53.0	
01-09-2018	17:50	55.1	56.0	53.5	
01-09-2018	17:55	55.3	55.5	54.0	54.9
01-09-2018	18:00	55.1	55.5	54.0	
01-09-2018	18:05	55.2	55.5	54.0	
01-09-2018	18:10	55.1	55.5	54.0	
01-09-2018	18:15	54.8	55.5	54.0	
01-09-2018	18:20	54.8	55.5	54.0	
01-09-2018	18:25	54.6	55.0	53.5	53.2
01-09-2018	18:30	53.4	54.5	52.0	
01-09-2018	18:35	53.1	54.0	52.0	
01-09-2018	18:40	53.4	54.5	52.0	
01-09-2018	18:45	52.4	53.5	51.0	
01-09-2018	18:50	51.9	53.0	50.5	
01-09-2018	18:55	54.4	57.0	51.0	50.8
03-09-2018	7:00	50.1	50.5	49.5	
03-09-2018	7:05	50.4	51.0	49.5	
03-09-2018	7:10	50.4	51.0	49.5	
03-09-2018	7:15	51.9	54.0	50.0	
03-09-2018	7:20	50.7	51.0	50.0	
03-09-2018	7:25	51.2	53.0	49.5	

Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
03-09-2018	7:30	49.8	50.0	49.0	52.2
03-09-2018	7:35	51.7	53.5	49.5	
03-09-2018	7:40	53.1	55.5	49.5	
03-09-2018	7:45	53.2	55.0	50.5	
03-09-2018	7:50	52.9	56.0	49.5	
03-09-2018	7:55	51.7	52.5	50.5	
03-09-2018	8:00	52.7	53.5	51.5	54.1
03-09-2018	8:05	54.8	57.5	52.0	
03-09-2018	8:10	54.2	55.0	52.5	
03-09-2018	8:15	54.3	55.0	53.0	
03-09-2018	8:20	54.1	55.0	53.0	
03-09-2018	8:25	54.5	55.5	53.0	
03-09-2018	8:30	54.7	55.5	53.5	55.1
03-09-2018	8:35	56.2	56.5	53.0	
03-09-2018	8:40	54.0	55.0	52.5	
03-09-2018	8:45	55.7	58.0	53.5	
03-09-2018	8:50	54.8	56.0	53.0	
03-09-2018	8:55	54.7	55.5	53.0	62.1
03-09-2018	9:00	54.4	55.5	53.0	
03-09-2018	9:05	54.4	55.5	52.5	
03-09-2018	9:10	54.9	56.0	53.0	
03-09-2018	9:15	55.4	56.5	54.5	
03-09-2018	9:20	56.0	56.5	55.0	
03-09-2018	9:25	69.1	72.5	56.5	54.5
03-09-2018	11:00	54.5	55.0	53.5	
03-09-2018	11:05	56.1	57.0	53.5	
03-09-2018	11:10	54.6	55.5	53.0	
03-09-2018	11:15	55.1	56.5	52.5	
03-09-2018	11:20	53.2	54.5	51.5	53.4
03-09-2018	11:25	52.5	53.5	51.0	
03-09-2018	11:30	52.6	53.5	51.0	
03-09-2018	11:35	53.7	54.5	52.5	
03-09-2018	11:40	53.6	54.5	52.5	
03-09-2018	11:45	54.0	55.5	51.5	
03-09-2018	11:50	53.5	55.5	51.5	52.4
03-09-2018	11:55	52.9	54.0	51.5	
03-09-2018	12:00	51.9	52.5	50.5	
03-09-2018	12:05	53.3	55.5	50.5	
03-09-2018	12:10	52.2	53.5	50.5	
03-09-2018	12:15	52.1	53.0	50.5	
03-09-2018	12:20	52.2	53.0	50.0	52.8
03-09-2018	12:25	52.8	54.0	50.5	
03-09-2018	12:30	53.6	56.0	50.5	
03-09-2018	12:35	52.3	53.0	51.0	
03-09-2018	12:40	52.6	53.5	51.0	
03-09-2018	12:45	52.2	53.0	51.0	
03-09-2018	12:50	52.8	54.0	51.5	52.8
03-09-2018	12:55	53.2	54.0	52.0	



Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
03-09-2018	13:00	54.4	55.5	53.0	54.5
03-09-2018	13:05	54.6	55.5	53.5	
03-09-2018	13:10	55.2	56.0	53.5	
03-09-2018	13:15	54.8	55.5	53.5	
03-09-2018	13:20	54.5	55.5	53.0	
03-09-2018	13:25	53.5	54.0	52.0	
03-09-2018	13:30	54.1	55.5	52.0	56.5
03-09-2018	13:35	55.6	56.5	54.0	
03-09-2018	13:40	56.6	57.5	55.0	
03-09-2018	13:45	56.9	58.0	55.5	
03-09-2018	13:50	57.7	58.5	56.0	
03-09-2018	13:55	57.4	58.5	56.0	
03-09-2018	14:00	55.3	56.5	53.5	55.8
03-09-2018	14:05	55.0	56.0	53.5	
03-09-2018	14:10	55.6	57.0	54.0	
03-09-2018	14:15	56.0	57.0	54.5	
03-09-2018	14:20	56.8	58.5	54.5	
03-09-2018	14:25	56.1	57.0	54.5	
03-09-2018	14:30	56.1	57.0	54.5	56.1
03-09-2018	14:35	55.9	57.0	54.0	
03-09-2018	14:40	55.9	57.0	54.5	
03-09-2018	14:45	56.1	57.0	54.5	
03-09-2018	14:50	56.8	58.0	55.0	
03-09-2018	14:55	55.8	56.5	54.5	
03-09-2018	15:00	55.9	57.0	54.5	55.9
03-09-2018	15:05	56.1	56.5	54.0	
03-09-2018	15:10	55.5	56.5	54.0	
03-09-2018	15:15	56.2	57.0	54.5	
03-09-2018	15:20	56.3	57.0	55.0	
03-09-2018	15:25	55.5	56.5	54.0	
03-09-2018	15:30	55.6	56.5	54.5	56.1
03-09-2018	15:35	56.7	57.5	55.5	
03-09-2018	15:40	56.2	57.0	55.0	
03-09-2018	15:45	55.7	56.5	54.5	
03-09-2018	15:50	56.4	57.5	54.5	
03-09-2018	15:55	55.9	57.0	54.5	
03-09-2018	16:00	56.0	56.5	55.0	56.3
03-09-2018	16:05	55.7	56.5	54.5	
03-09-2018	16:10	56.8	57.5	54.5	
03-09-2018	16:15	56.9	59.0	54.5	
03-09-2018	16:20	57.0	58.0	54.5	
03-09-2018	16:25	55.4	56.0	54.5	
03-09-2018	16:30	55.9	56.5	54.5	56.2
03-09-2018	16:35	55.8	56.5	54.5	
03-09-2018	16:40	55.9	56.5	54.5	
03-09-2018	16:45	57.0	58.5	54.0	
03-09-2018	16:50	55.9	57.0	54.5	
03-09-2018	16:55	56.5	57.5	55.0	

Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
03-09-2018	17:00	56.1	57.5	54.5	55.9
03-09-2018	17:05	55.1	56.0	54.0	
03-09-2018	17:10	56.2	57.0	55.0	
03-09-2018	17:15	56.0	57.0	54.5	
03-09-2018	17:20	55.7	56.5	54.0	
03-09-2018	17:25	56.0	57.0	54.5	
03-09-2018	17:30	56.2	57.0	54.5	55.5
03-09-2018	17:35	55.8	56.5	54.0	
03-09-2018	17:40	55.3	56.0	54.0	
03-09-2018	17:45	54.8	55.5	53.5	
03-09-2018	17:50	56.0	58.0	54.0	
03-09-2018	17:55	54.9	56.0	53.5	
03-09-2018	18:00	54.6	55.5	52.5	58.4
03-09-2018	18:05	63.1	57.0	52.5	
03-09-2018	18:10	59.0	55.5	52.5	
03-09-2018	18:15	57.1	59.5	52.5	
03-09-2018	18:20	53.4	54.0	52.0	
03-09-2018	18:25	54.5	55.5	53.0	
03-09-2018	18:30	55.3	56.5	53.5	54.7
03-09-2018	18:35	54.4	55.5	53.0	
03-09-2018	18:40	55.1	56.0	54.0	
03-09-2018	18:45	55.0	55.5	54.0	
03-09-2018	18:50	54.0	54.5	53.0	
03-09-2018	18:55	54.1	54.5	53.0	
04-09-2018	7:00	52.3	53.0	51.5	53.8
04-09-2018	7:05	55.5	57.5	52.0	
04-09-2018	7:10	53.2	54.0	52.0	
04-09-2018	7:15	53.8	54.5	52.5	
04-09-2018	7:20	53.9	54.5	52.5	
04-09-2018	7:25	53.7	54.5	52.5	
04-09-2018	7:30	55.3	56.0	52.5	55.1
04-09-2018	7:35	53.9	54.5	52.5	
04-09-2018	7:40	54.8	56.0	52.5	
04-09-2018	7:45	55.0	56.0	53.0	
04-09-2018	7:50	54.9	56.5	52.5	
04-09-2018	7:55	56.4	58.5	53.0	
04-09-2018	8:00	55.5	56.5	54.0	56.5
04-09-2018	8:05	56.6	58.5	54.0	
04-09-2018	8:10	55.7	56.5	54.5	
04-09-2018	8:15	56.1	57.5	54.5	
04-09-2018	8:20	56.9	58.5	54.5	
04-09-2018	8:25	57.7	60.0	54.5	
04-09-2018	8:30	56.0	57.0	54.5	56.6
04-09-2018	8:35	56.8	58.5	55.0	
04-09-2018	8:40	56.3	57.0	55.0	
04-09-2018	8:45	56.4	57.5	55.0	
04-09-2018	8:50	57.3	58.5	55.5	
04-09-2018	8:55	56.5	57.5	55.0	

Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
04-09-2018	9:00	58.4	60.0	55.0	57.3
04-09-2018	9:05	57.4	58.5	55.0	
04-09-2018	9:10	56.9	58.0	55.5	
04-09-2018	9:15	56.4	57.0	55.0	
04-09-2018	9:20	57.0	58.0	55.5	
04-09-2018	9:25	57.4	58.5	55.5	
04-09-2018	9:30	57.2	58.0	56.0	57.0
04-09-2018	9:35	56.6	57.5	55.5	
04-09-2018	9:40	57.1	58.0	56.0	
04-09-2018	9:45	57.3	58.5	56.0	
04-09-2018	9:50	56.5	57.0	55.0	
04-09-2018	9:55	57.0	58.0	56.0	
04-09-2018	10:00	57.0	58.0	55.5	56.9
04-09-2018	10:05	56.7	57.5	55.5	
04-09-2018	10:10	57.0	58.0	56.0	
04-09-2018	10:15	57.1	58.0	56.0	
04-09-2018	10:20	56.9	58.0	55.5	
04-09-2018	10:25	56.5	57.5	55.0	
04-09-2018	10:30	56.4	57.0	55.0	56.5
04-09-2018	10:35	56.5	57.5	55.0	
04-09-2018	10:40	56.4	57.0	55.0	
04-09-2018	10:45	56.4	57.5	55.0	
04-09-2018	10:50	56.6	57.5	55.0	
04-09-2018	10:55	56.4	57.0	55.5	
04-09-2018	11:00	56.2	57.0	55.0	56.3
04-09-2018	11:05	56.6	57.0	55.0	
04-09-2018	11:10	56.4	57.5	55.0	
04-09-2018	11:15	56.1	57.0	55.0	
04-09-2018	11:20	56.0	57.0	54.5	
04-09-2018	11:25	56.4	57.5	55.0	
04-09-2018	11:30	56.1	57.0	54.5	56.7
04-09-2018	11:35	56.3	57.0	55.0	
04-09-2018	11:40	56.3	57.0	54.5	
04-09-2018	11:45	58.7	61.0	55.5	
04-09-2018	11:50	56.3	57.0	55.0	
04-09-2018	11:55	55.7	56.5	54.0	
04-09-2018	12:00	55.6	56.5	54.0	55.7
04-09-2018	12:05	55.8	56.5	54.0	
04-09-2018	12:10	55.7	57.0	54.0	
04-09-2018	12:15	55.6	56.5	54.0	
04-09-2018	12:20	55.9	57.0	54.0	
04-09-2018	12:25	55.6	56.5	54.0	
04-09-2018	12:30	55.5	56.5	54.0	55.0
04-09-2018	12:35	54.5	55.5	53.0	
04-09-2018	12:40	54.6	55.5	53.5	
04-09-2018	12:45	54.6	55.5	53.0	
04-09-2018	12:50	55.4	56.5	53.5	
04-09-2018	12:55	55.4	56.5	54.0	

Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
04-09-2018	13:00	56.6	58.5	54.5	56.5
04-09-2018	13:05	56.0	57.0	54.5	
04-09-2018	13:10	56.1	57.0	54.5	
04-09-2018	13:15	56.9	58.0	55.0	
04-09-2018	13:20	57.1	58.5	55.0	
04-09-2018	13:25	56.3	57.0	54.5	
04-09-2018	13:30	57.1	58.0	55.0	56.9
04-09-2018	13:35	56.7	57.5	55.0	
04-09-2018	13:40	56.1	57.0	54.5	
04-09-2018	13:45	56.5	57.5	54.5	
04-09-2018	13:50	56.0	57.0	54.5	
04-09-2018	13:55	58.3	60.5	55.0	
04-09-2018	14:00	57.1	58.0	55.0	56.6
04-09-2018	14:05	56.3	57.5	54.5	
04-09-2018	14:10	57.3	58.5	55.0	
04-09-2018	14:15	55.6	56.5	54.0	
04-09-2018	14:20	56.5	57.5	55.0	
04-09-2018	14:25	56.7	57.5	55.0	
04-09-2018	14:30	56.3	57.5	54.5	56.2
04-09-2018	14:35	56.0	57.0	54.5	
04-09-2018	14:40	56.1	57.0	54.5	
04-09-2018	14:45	56.0	57.0	54.5	
04-09-2018	14:50	56.4	57.0	54.5	
04-09-2018	14:55	56.3	57.5	54.5	
04-09-2018	15:00	56.2	57.5	54.5	56.1
04-09-2018	15:05	56.6	57.5	55.0	
04-09-2018	15:10	55.9	57.0	54.5	
04-09-2018	15:15	55.5	56.5	54.0	
04-09-2018	15:20	56.2	57.0	54.5	
04-09-2018	15:25	56.4	57.0	54.5	
04-09-2018	15:30	55.8	56.5	54.0	56.6
04-09-2018	15:35	56.4	57.5	54.5	
04-09-2018	15:40	56.2	57.0	54.5	
04-09-2018	15:45	56.9	58.0	55.5	
04-09-2018	15:50	56.9	58.0	55.5	
04-09-2018	15:55	57.2	58.5	55.5	
04-09-2018	16:00	57.9	59.0	56.0	57.1
04-09-2018	16:05	57.0	58.0	55.5	
04-09-2018	16:10	57.1	58.0	55.5	
04-09-2018	16:15	57.1	58.0	55.5	
04-09-2018	16:20	56.5	57.5	55.0	
04-09-2018	16:25	56.9	58.0	55.0	
04-09-2018	16:30	56.8	58.0	55.0	56.8
04-09-2018	16:35	57.4	58.5	55.5	
04-09-2018	16:40	56.5	57.5	55.0	
04-09-2018	16:45	56.2	57.0	54.5	
04-09-2018	16:50	57.0	58.5	55.0	
04-09-2018	16:55	56.5	57.5	55.0	

Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
04-09-2018	17:00	58.0	59.0	55.0	57.4
04-09-2018	17:05	57.4	58.5	56.0	
04-09-2018	17:10	57.0	58.0	55.5	
04-09-2018	17:15	57.9	59.5	55.5	
04-09-2018	17:20	57.3	58.5	55.5	
04-09-2018	17:25	56.9	57.5	55.5	
04-09-2018	17:30	57.0	58.0	55.5	56.4
04-09-2018	17:35	56.8	57.5	55.5	
04-09-2018	17:40	56.4	57.0	55.0	
04-09-2018	17:45	55.9	57.0	54.5	
04-09-2018	17:50	56.0	57.0	54.5	
04-09-2018	17:55	56.1	57.0	54.5	
04-09-2018	18:00	56.0	57.0	54.5	55.5
04-09-2018	18:05	55.5	56.5	54.0	
04-09-2018	18:10	55.3	56.0	54.0	
04-09-2018	18:15	55.5	56.5	54.0	
04-09-2018	18:20	55.5	56.5	54.5	
04-09-2018	18:25	55.4	56.5	54.0	
04-09-2018	18:30	55.2	56.0	53.5	55.5
04-09-2018	18:35	56.0	57.5	54.0	
04-09-2018	18:40	55.7	56.5	54.5	
04-09-2018	18:45	55.1	56.0	54.0	
04-09-2018	18:50	55.5	56.0	54.5	
04-09-2018	18:55	55.3	56.0	54.0	
05-09-2018	7:00	53.9	54.5	52.5	56.1
05-09-2018	7:05	59.2	63.5	53.0	
05-09-2018	7:10	55.6	57.5	53.5	
05-09-2018	7:15	55.1	56.0	53.5	
05-09-2018	7:20	55.3	56.5	53.5	
05-09-2018	7:25	55.4	56.5	54.0	
05-09-2018	7:30	56.7	58.5	54.5	57.5
05-09-2018	7:35	58.0	60.5	54.0	
05-09-2018	7:40	56.8	57.5	54.5	
05-09-2018	7:45	58.0	60.5	54.5	
05-09-2018	7:50	57.0	59.5	54.5	
05-09-2018	7:55	58.4	60.5	55.5	
05-09-2018	8:00	57.8	59.5	55.5	57.2
05-09-2018	8:05	57.7	59.5	55.0	
05-09-2018	8:10	56.3	57.0	55.0	
05-09-2018	8:15	57.9	60.5	55.5	
05-09-2018	8:20	56.6	57.5	55.5	
05-09-2018	8:25	56.3	57.0	55.0	
05-09-2018	8:30	56.0	56.5	55.0	56.8
05-09-2018	8:35	58.2	60.0	55.5	
05-09-2018	8:40	56.5	57.5	55.0	
05-09-2018	8:45	56.1	57.0	55.0	
05-09-2018	8:50	56.4	57.0	55.5	
05-09-2018	8:55	57.3	59.0	55.0	

Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
05-09-2018	9:00	57.0	58.0	55.0	57.2
05-09-2018	9:05	56.1	57.0	55.0	
05-09-2018	9:10	56.5	57.5	55.0	
05-09-2018	9:15	57.6	59.0	55.5	
05-09-2018	9:20	58.7	57.5	55.0	
05-09-2018	9:25	56.5	57.0	56.0	
05-09-2018	9:30	58.6	58.5	56.0	57.4
05-09-2018	9:35	57.2	57.5	56.0	
05-09-2018	9:40	57.8	59.0	56.0	
05-09-2018	9:45	57.2	58.5	55.5	
05-09-2018	9:50	56.7	57.5	55.5	
05-09-2018	9:55	56.4	57.0	55.5	
05-09-2018	10:00	56.3	57.0	55.5	56.2
05-09-2018	10:05	55.8	56.5	55.0	
05-09-2018	10:10	56.0	56.5	55.0	
05-09-2018	10:15	56.2	57.0	55.0	
05-09-2018	10:20	56.5	58.0	55.0	
05-09-2018	10:25	56.4	57.5	55.0	
05-09-2018	10:30	55.9	56.5	54.5	55.8
05-09-2018	10:35	55.9	56.5	55.0	
05-09-2018	10:40	56.0	57.0	54.5	
05-09-2018	10:45	55.8	56.5	54.5	
05-09-2018	10:50	55.6	56.5	54.5	
05-09-2018	10:55	55.4	56.0	54.5	
05-09-2018	11:00	55.7	56.5	54.5	54.9
05-09-2018	11:05	55.5	55.5	53.5	
05-09-2018	11:10	54.7	56.0	53.0	
05-09-2018	11:15	54.1	54.5	53.0	
05-09-2018	11:20	54.1	55.0	53.0	
05-09-2018	11:25	55.3	56.0	54.0	
05-09-2018	11:30	54.7	55.5	53.5	53.9
05-09-2018	11:35	53.6	54.5	52.0	
05-09-2018	11:40	53.5	54.0	52.0	
05-09-2018	11:45	53.7	54.5	52.0	
05-09-2018	11:50	53.7	54.5	52.0	
05-09-2018	11:55	54.0	54.5	52.5	
05-09-2018	12:00	53.6	54.5	52.5	54.2
05-09-2018	12:05	54.7	55.5	53.5	
05-09-2018	12:10	54.5	55.0	53.5	
05-09-2018	12:15	54.9	55.5	53.5	
05-09-2018	12:20	53.9	54.5	53.0	
05-09-2018	12:25	53.7	54.5	52.5	
05-09-2018	12:30	54.2	55.0	53.0	54.6
05-09-2018	12:35	54.0	54.5	53.0	
05-09-2018	12:40	54.3	55.0	53.0	
05-09-2018	12:45	54.9	55.5	54.0	
05-09-2018	12:50	54.8	55.5	53.5	
05-09-2018	12:55	55.5	57.0	53.5	

Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
05-09-2018	13:00	56.3	58.0	54.0	55.5
05-09-2018	13:05	55.2	56.0	54.0	
05-09-2018	13:10	56.0	57.0	54.5	
05-09-2018	13:15	55.9	57.0	54.5	
05-09-2018	13:20	54.6	55.0	53.5	
05-09-2018	13:25	54.9	56.0	53.5	
05-09-2018	13:30	54.6	55.5	53.5	55.5
05-09-2018	13:35	54.7	56.0	52.5	
05-09-2018	13:40	55.2	56.5	53.5	
05-09-2018	13:45	55.2	57.0	53.0	
05-09-2018	13:50	57.1	59.0	53.5	
05-09-2018	13:55	55.5	57.0	53.5	
05-09-2018	14:00	54.7	55.5	53.0	55.2
05-09-2018	14:05	55.1	56.0	54.0	
05-09-2018	14:10	55.8	56.5	54.5	
05-09-2018	14:15	56.2	57.0	55.0	
05-09-2018	14:20	54.8	55.5	53.5	
05-09-2018	14:25	54.5	55.5	53.0	
05-09-2018	14:30	55.5	56.5	54.0	55.8
05-09-2018	14:35	55.5	56.0	54.5	
05-09-2018	14:40	55.0	56.0	53.5	
05-09-2018	14:45	55.7	56.0	53.5	
05-09-2018	14:50	56.0	57.5	54.5	
05-09-2018	14:55	56.7	58.5	54.0	
05-09-2018	15:00	55.0	55.5	53.5	55.0
05-09-2018	15:05	54.6	55.5	53.0	
05-09-2018	15:10	55.0	56.0	53.5	
05-09-2018	15:15	55.4	56.0	53.5	
05-09-2018	15:20	54.9	55.5	53.5	
05-09-2018	15:25	55.0	56.0	53.5	
05-09-2018	15:30	55.2	56.0	53.5	55.8
05-09-2018	15:35	54.8	55.5	53.5	
05-09-2018	15:40	55.0	56.0	53.5	
05-09-2018	15:45	55.6	57.5	53.5	
05-09-2018	15:50	56.7	58.5	54.0	
05-09-2018	15:55	57.2	59.0	55.0	
05-09-2018	16:00	57.3	58.5	55.0	56.3
05-09-2018	16:05	56.4	57.5	54.5	
05-09-2018	16:10	56.3	57.0	54.5	
05-09-2018	16:15	56.3	58.0	54.0	
05-09-2018	16:20	55.4	56.5	53.5	
05-09-2018	16:25	55.8	57.0	54.0	
05-09-2018	16:30	56.2	57.0	54.5	56.9
05-09-2018	16:35	56.8	58.0	54.5	
05-09-2018	16:40	57.0	58.5	55.0	
05-09-2018	16:45	57.2	59.0	55.0	
05-09-2018	16:50	56.5	57.5	55.0	
05-09-2018	16:55	57.4	59.0	54.5	

Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
05-09-2018	17:00	55.6	57.0	54.0	55.3
05-09-2018	17:05	56.5	58.0	54.5	
05-09-2018	17:10	54.8	55.5	53.5	
05-09-2018	17:15	54.9	55.5	53.5	
05-09-2018	17:20	55.2	56.5	54.0	
05-09-2018	17:25	54.8	55.5	53.5	
05-09-2018	17:30	55.1	56.0	53.5	55.4
05-09-2018	17:35	54.9	55.5	54.0	
05-09-2018	17:40	55.8	57.0	54.0	
05-09-2018	17:45	55.2	56.0	54.0	
05-09-2018	17:50	55.3	56.5	54.0	
05-09-2018	17:55	56.0	57.5	54.5	
05-09-2018	18:00	56.8	58.5	55.0	58.3
05-09-2018	18:05	56.4	58.0	54.5	
05-09-2018	18:10	55.7	57.5	53.5	
05-09-2018	18:15	55.5	57.5	53.0	
05-09-2018	18:20	56.7	58.0	54.0	
05-09-2018	18:25	62.9	67.0	55.5	
05-09-2018	18:30	73.2	75.5	68.5	69.4
05-09-2018	18:35	73.6	75.0	72.0	
05-09-2018	18:40	69.0	72.0	61.5	
05-09-2018	18:45	55.1	57.5	53.0	
05-09-2018	18:50	53.5	54.0	52.0	
05-09-2018	18:55	54.3	55.5	53.0	
06-09-2018	7:00	50.2	50.5	49.5	51.9
06-09-2018	7:05	52.8	55.0	50.5	
06-09-2018	7:10	53.2	54.5	50.5	
06-09-2018	7:15	52.3	54.0	50.5	
06-09-2018	7:20	50.9	52.0	49.0	
06-09-2018	7:25	51.3	52.5	49.5	
06-09-2018	7:30	54.0	56.0	51.5	53.3
06-09-2018	7:35	53.1	55.0	50.0	
06-09-2018	7:40	53.3	55.0	51.0	
06-09-2018	7:45	53.3	55.0	51.0	
06-09-2018	7:50	53.5	55.0	51.5	
06-09-2018	7:55	52.8	54.5	51.0	
06-09-2018	8:00	51.3	52.0	50.0	53.1
06-09-2018	8:05	52.8	53.0	50.5	
06-09-2018	8:10	54.4	55.0	51.0	
06-09-2018	8:15	53.8	55.5	51.0	
06-09-2018	8:20	53.9	56.0	50.5	
06-09-2018	8:25	51.1	52.0	50.0	
06-09-2018	8:30	51.9	53.0	50.5	53.2
06-09-2018	8:35	52.4	53.5	50.5	
06-09-2018	8:40	53.8	55.5	51.5	
06-09-2018	8:45	52.7	53.5	51.0	
06-09-2018	8:50	53.1	54.0	51.5	
06-09-2018	8:55	54.5	56.5	51.5	

Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
06-09-2018	9:00	53.2	54.0	51.5	55.3
06-09-2018	9:05	53.8	55.0	52.0	
06-09-2018	9:10	55.7	58.5	52.0	
06-09-2018	9:15	53.8	55.5	51.5	
06-09-2018	9:20	56.2	58.0	51.5	
06-09-2018	9:25	57.5	59.0	55.0	
06-09-2018	9:30	56.6	58.5	55.0	55.8
06-09-2018	9:35	55.1	56.5	52.0	
06-09-2018	9:40	54.5	56.0	53.0	
06-09-2018	9:45	55.3	56.5	54.0	
06-09-2018	9:50	55.2	56.5	52.0	
06-09-2018	9:55	57.2	59.0	52.5	
06-09-2018	10:00	55.7	58.0	50.0	52.9
06-09-2018	10:05	50.4	51.0	49.0	
06-09-2018	10:10	49.7	50.5	48.5	
06-09-2018	10:15	54.9	58.0	48.5	
06-09-2018	10:20	51.9	53.0	50.0	
06-09-2018	10:25	51.6	52.5	49.5	
06-09-2018	10:30	52.4	54.5	50.0	51.7
06-09-2018	10:35	51.7	53.0	49.0	
06-09-2018	10:40	50.7	52.0	49.0	
06-09-2018	10:45	51.2	52.0	49.5	
06-09-2018	10:50	52.5	54.5	49.5	
06-09-2018	10:55	51.7	52.5	49.0	
06-09-2018	11:00	58.3	55.0	48.5	53.4
06-09-2018	11:05	50.5	52.0	48.5	
06-09-2018	11:10	51.8	54.5	48.5	
06-09-2018	11:15	52.0	54.0	47.5	
06-09-2018	11:20	49.0	50.0	47.5	
06-09-2018	11:25	51.0	53.5	48.0	
06-09-2018	11:30	50.7	53.0	47.5	49.5
06-09-2018	11:35	48.4	49.5	47.0	
06-09-2018	11:40	48.6	50.0	47.0	
06-09-2018	11:45	48.4	49.0	47.0	
06-09-2018	11:50	49.8	50.0	47.0	
06-09-2018	11:55	50.5	52.5	47.5	
06-09-2018	12:00	47.9	48.5	46.5	48.5
06-09-2018	12:05	47.6	48.5	46.0	
06-09-2018	12:10	47.6	48.0	46.0	
06-09-2018	12:15	47.3	48.5	46.0	
06-09-2018	12:20	51.7	54.5	47.0	
06-09-2018	12:25	46.6	47.0	45.5	
06-09-2018	12:30	53.4	57.0	46.5	52.0
06-09-2018	12:35	52.8	54.5	48.0	
06-09-2018	12:40	50.1	51.0	48.5	
06-09-2018	12:45	51.1	52.0	49.0	
06-09-2018	12:50	50.8	52.0	49.0	
06-09-2018	12:55	53.0	55.0	50.0	

Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
06-09-2018	13:00	53.0	54.0	50.0	52.9
06-09-2018	13:05	52.4	53.5	50.5	
06-09-2018	13:10	52.3	54.0	50.5	
06-09-2018	13:15	52.8	54.5	50.0	
06-09-2018	13:20	53.7	54.5	52.5	
06-09-2018	13:25	53.3	54.5	51.5	
06-09-2018	13:30	54.8	55.0	51.0	55.0
06-09-2018	13:35	58.3	59.5	52.0	
06-09-2018	13:40	53.4	54.5	51.0	
06-09-2018	13:45	53.4	55.5	50.5	
06-09-2018	13:50	53.9	55.0	52.0	
06-09-2018	13:55	53.9	55.5	52.0	
06-09-2018	14:00	54.2	56.0	51.5	54.9
06-09-2018	14:05	54.3	56.5	51.5	
06-09-2018	14:10	57.3	59.5	51.0	
06-09-2018	14:15	54.0	55.5	51.5	
06-09-2018	14:20	54.9	57.5	51.5	
06-09-2018	14:25	53.1	54.0	51.0	
06-09-2018	14:30	54.8	57.0	52.0	53.9
06-09-2018	14:35	53.7	55.0	52.0	
06-09-2018	14:40	54.3	56.0	51.5	
06-09-2018	14:45	53.7	55.0	52.0	
06-09-2018	14:50	53.6	54.5	52.0	
06-09-2018	14:55	53.3	54.5	51.5	
06-09-2018	15:00	55.1	57.0	52.0	54.0
06-09-2018	15:05	54.7	56.0	51.5	
06-09-2018	15:10	53.7	55.0	51.5	
06-09-2018	15:15	52.6	54.0	51.0	
06-09-2018	15:20	54.1	55.5	52.0	
06-09-2018	15:25	53.6	54.5	51.5	
06-09-2018	15:30	53.9	55.0	52.0	54.5
06-09-2018	15:35	53.7	55.0	51.5	
06-09-2018	15:40	52.0	53.0	50.5	
06-09-2018	15:45	56.5	58.5	51.5	
06-09-2018	15:50	55.7	58.5	52.5	
06-09-2018	15:55	53.9	55.0	52.0	
06-09-2018	16:00	53.5	55.0	51.5	53.7
06-09-2018	16:05	53.4	54.5	51.5	
06-09-2018	16:10	53.3	54.5	51.5	
06-09-2018	16:15	54.7	56.5	52.0	
06-09-2018	16:20	53.3	54.0	51.5	
06-09-2018	16:25	54.0	55.5	51.5	
06-09-2018	16:30	53.3	54.5	51.5	53.4
06-09-2018	16:35	53.0	54.0	51.5	
06-09-2018	16:40	52.9	53.5	51.5	
06-09-2018	16:45	53.0	54.0	51.0	
06-09-2018	16:50	55.0	57.0	51.5	
06-09-2018	16:55	52.8	54.5	51.0	

Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
06-09-2018	17:00	53.1	54.5	51.0	53.8
06-09-2018	17:05	54.6	56.5	51.5	
06-09-2018	17:10	53.5	54.5	51.5	
06-09-2018	17:15	53.7	56.0	50.5	
06-09-2018	17:20	54.5	56.5	51.5	
06-09-2018	17:25	53.2	54.5	51.5	
06-09-2018	17:30	53.1	54.0	51.5	53.8
06-09-2018	17:35	53.6	54.5	52.0	
06-09-2018	17:40	54.2	55.0	52.5	
06-09-2018	17:45	53.8	55.5	51.5	
06-09-2018	17:50	53.3	54.5	51.5	
06-09-2018	17:55	54.7	57.5	51.5	
06-09-2018	18:00	53.4	54.5	51.5	53.2
06-09-2018	18:05	52.8	54.0	51.5	
06-09-2018	18:10	52.4	53.0	51.0	
06-09-2018	18:15	52.7	53.5	51.5	
06-09-2018	18:20	53.7	54.5	52.0	
06-09-2018	18:25	53.9	56.0	51.5	
06-09-2018	18:30	53.6	55.0	52.0	55.4
06-09-2018	18:35	53.2	54.0	52.0	
06-09-2018	18:40	52.6	53.5	51.5	
06-09-2018	18:45	52.6	53.0	51.5	
06-09-2018	18:50	53.5	55.0	51.5	
06-09-2018	18:55	60.2	67.5	52.0	
07-09-2018	7:00	55.0	57.5	52.0	54.5
07-09-2018	7:05	53.6	54.5	52.0	
07-09-2018	7:10	53.3	54.0	52.0	
07-09-2018	7:15	57.7	62.0	52.0	
07-09-2018	7:20	52.0	53.0	51.0	
07-09-2018	7:25	52.6	54.0	51.0	
07-09-2018	7:30	53.3	54.5	52.0	54.8
07-09-2018	7:35	54.5	56.5	52.5	
07-09-2018	7:40	54.0	55.0	52.5	
07-09-2018	7:45	55.7	57.0	54.0	
07-09-2018	7:50	55.6	57.5	53.5	
07-09-2018	7:55	55.1	56.0	53.5	
07-09-2018	8:00	54.6	55.5	53.5	56.2
07-09-2018	8:05	55.7	56.0	54.0	
07-09-2018	8:10	57.9	61.0	54.0	
07-09-2018	8:15	56.5	57.5	55.0	
07-09-2018	8:20	55.8	57.0	54.5	
07-09-2018	8:25	55.8	57.0	54.5	
07-09-2018	8:30	55.7	57.0	54.0	55.1
07-09-2018	8:35	55.4	57.0	54.0	
07-09-2018	8:40	55.1	56.0	54.0	
07-09-2018	8:45	54.6	55.0	53.0	
07-09-2018	8:50	55.4	57.0	53.0	
07-09-2018	8:55	54.3	55.0	53.0	

Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
07-09-2018	9:00	55.0	56.5	53.0	55.8
07-09-2018	9:05	56.1	56.5	53.5	
07-09-2018	9:10	55.0	56.5	53.0	
07-09-2018	9:15	56.4	59.0	53.5	
07-09-2018	9:20	56.1	57.0	54.5	
07-09-2018	9:25	55.9	57.0	54.0	
07-09-2018	9:30	55.7	57.0	54.0	55.9
07-09-2018	9:35	54.8	55.5	53.5	
07-09-2018	9:40	55.0	56.5	53.5	
07-09-2018	9:45	57.1	59.5	53.0	
07-09-2018	9:50	55.7	57.0	54.0	
07-09-2018	9:55	56.6	60.0	52.5	
07-09-2018	10:00	55.0	56.0	53.5	55.1
07-09-2018	10:05	56.6	58.5	54.0	
07-09-2018	10:10	55.8	58.0	53.0	
07-09-2018	10:15	54.0	55.0	52.5	
07-09-2018	10:20	54.1	55.5	52.0	
07-09-2018	10:25	54.6	56.0	52.5	
07-09-2018	10:30	54.6	56.5	52.5	54.1
07-09-2018	10:35	53.7	55.0	52.0	
07-09-2018	10:40	54.7	57.5	52.0	
07-09-2018	10:45	53.0	54.0	51.5	
07-09-2018	10:50	54.9	57.5	52.0	
07-09-2018	10:55	53.4	54.5	51.5	
07-09-2018	11:00	53.1	54.0	51.5	54.5
07-09-2018	11:05	53.6	54.5	52.0	
07-09-2018	11:10	55.9	58.5	52.0	
07-09-2018	11:15	56.3	58.5	52.0	
07-09-2018	11:20	53.1	54.5	51.0	
07-09-2018	11:25	54.1	55.5	52.0	
07-09-2018	11:30	53.0	54.5	50.5	52.4
07-09-2018	11:35	52.5	54.0	49.5	
07-09-2018	11:40	52.6	55.0	49.5	
07-09-2018	11:45	52.0	53.0	50.5	
07-09-2018	11:50	52.1	52.5	50.5	
07-09-2018	11:55	52.1	53.0	50.5	
07-09-2018	12:00	52.2	54.0	50.0	51.9
07-09-2018	12:05	51.5	53.0	49.0	
07-09-2018	12:10	51.5	52.5	49.0	
07-09-2018	12:15	51.8	52.5	49.5	
07-09-2018	12:20	52.1	54.0	49.5	
07-09-2018	12:25	52.4	54.0	50.0	
07-09-2018	12:30	51.8	53.0	49.5	51.2
07-09-2018	12:35	50.4	51.0	49.5	
07-09-2018	12:40	50.6	51.5	49.0	
07-09-2018	12:45	49.4	50.0	48.0	
07-09-2018	12:50	52.9	56.0	49.0	
07-09-2018	12:55	51.1	53.0	48.5	

Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
07-09-2018	13:00	51.2	52.5	49.5	52.3
07-09-2018	13:05	52.0	53.0	50.0	
07-09-2018	13:10	52.0	53.0	50.5	
07-09-2018	13:15	52.6	53.5	51.0	
07-09-2018	13:20	52.9	54.0	51.0	
07-09-2018	13:25	53.1	55.0	51.0	
07-09-2018	13:30	53.1	54.0	51.0	54.2
07-09-2018	13:35	54.5	56.0	52.5	
07-09-2018	13:40	55.0	55.5	51.5	
07-09-2018	13:45	52.5	53.5	51.0	
07-09-2018	13:50	53.4	55.0	51.5	
07-09-2018	13:55	55.7	59.5	51.5	
07-09-2018	14:00	56.8	59.5	52.0	55.3
07-09-2018	14:05	55.0	57.0	52.5	
07-09-2018	14:10	55.0	57.5	51.5	
07-09-2018	14:15	54.1	55.5	52.5	
07-09-2018	14:20	53.7	55.0	52.0	
07-09-2018	14:25	56.2	59.5	52.5	
07-09-2018	14:30	56.2	58.5	53.5	56.1
07-09-2018	14:35	54.8	56.0	53.0	
07-09-2018	14:40	56.2	57.5	54.0	
07-09-2018	14:45	55.9	57.0	54.0	
07-09-2018	14:50	55.7	58.0	53.5	
07-09-2018	14:55	57.3	58.5	52.5	
07-09-2018	15:00	55.2	56.0	53.0	54.8
07-09-2018	15:05	54.6	55.5	53.0	
07-09-2018	15:10	54.3	55.5	52.5	
07-09-2018	15:15	54.8	56.0	53.0	
07-09-2018	15:20	54.5	55.5	53.0	
07-09-2018	15:25	55.2	56.0	53.5	
07-09-2018	15:30	54.8	56.5	53.0	55.7
07-09-2018	15:35	54.5	55.5	53.0	
07-09-2018	15:40	55.6	58.0	53.0	
07-09-2018	15:45	56.4	58.5	53.5	
07-09-2018	15:50	56.7	58.0	54.0	
07-09-2018	15:55	55.9	57.5	53.5	
07-09-2018	16:00	55.7	57.0	54.0	55.7
07-09-2018	16:05	55.8	57.0	53.5	
07-09-2018	16:10	56.6	58.0	54.0	
07-09-2018	16:15	55.3	56.5	53.5	
07-09-2018	16:20	55.4	56.5	53.5	
07-09-2018	16:25	55.4	56.5	54.0	
07-09-2018	16:30	55.0	56.0	53.5	55.6
07-09-2018	16:35	55.3	56.0	54.0	
07-09-2018	16:40	55.4	56.0	54.0	
07-09-2018	16:45	55.9	57.5	54.0	
07-09-2018	16:50	55.9	56.5	54.5	
07-09-2018	16:55	55.8	56.5	54.5	

Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
07-09-2018	17:00	56.2	57.5	54.5	56.1
07-09-2018	17:05	56.1	57.0	54.0	
07-09-2018	17:10	57.0	59.0	54.5	
07-09-2018	17:15	55.6	56.5	54.5	
07-09-2018	17:20	56.0	57.0	54.0	
07-09-2018	17:25	55.4	56.5	54.0	
07-09-2018	17:30	55.8	57.0	54.0	56.0
07-09-2018	17:35	57.2	59.5	54.0	
07-09-2018	17:40	55.5	56.5	54.0	
07-09-2018	17:45	55.9	57.0	54.5	
07-09-2018	17:50	56.2	57.5	54.5	
07-09-2018	17:55	55.4	56.0	54.0	
07-09-2018	18:00	55.9	57.5	54.0	55.9
07-09-2018	18:05	55.6	57.0	54.0	
07-09-2018	18:10	56.1	57.5	54.0	
07-09-2018	18:15	55.8	56.5	54.5	
07-09-2018	18:20	56.2	57.5	54.5	
07-09-2018	18:25	55.9	57.0	54.5	
07-09-2018	18:30	54.7	56.0	53.0	56.0
07-09-2018	18:35	55.7	57.0	54.0	
07-09-2018	18:40	56.4	57.5	54.5	
07-09-2018	18:45	56.8	58.0	55.0	
07-09-2018	18:50	56.3	58.0	53.5	
07-09-2018	18:55	56.0	57.5	54.0	
08-09-2018	7:00	51.7	52.5	51.0	53.2
08-09-2018	7:05	51.8	52.5	51.0	
08-09-2018	7:10	52.1	52.5	51.0	
08-09-2018	7:15	55.8	59.0	52.0	
08-09-2018	7:20	52.8	53.5	51.5	
08-09-2018	7:25	53.5	54.5	52.0	
08-09-2018	7:30	52.8	54.5	51.0	53.9
08-09-2018	7:35	53.5	55.0	51.5	
08-09-2018	7:40	55.2	57.0	52.5	
08-09-2018	7:45	54.3	55.5	52.5	
08-09-2018	7:50	54.1	55.5	52.0	
08-09-2018	7:55	53.1	54.0	52.0	
08-09-2018	8:00	55.1	57.0	52.5	54.8
08-09-2018	8:05	54.5	55.5	53.0	
08-09-2018	8:10	54.3	55.0	53.0	
08-09-2018	8:15	55.8	57.5	54.0	
08-09-2018	8:20	54.1	55.0	52.5	
08-09-2018	8:25	54.7	55.5	53.5	
08-09-2018	8:30	54.8	55.5	53.5	55.3
08-09-2018	8:35	55.2	56.0	53.5	
08-09-2018	8:40	55.2	56.0	54.0	
08-09-2018	8:45	55.1	56.0	54.0	
08-09-2018	8:50	55.9	56.5	53.5	
08-09-2018	8:55	55.3	56.5	54.0	

Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
08-09-2018	9:00	54.4	55.5	53.0	55.9
08-09-2018	9:05	55.2	56.5	53.5	
08-09-2018	9:10	56.2	57.0	55.0	
08-09-2018	9:15	55.7	57.5	54.0	
08-09-2018	9:20	55.4	56.0	54.0	
08-09-2018	9:25	57.7	58.5	54.5	
08-09-2018	9:30	56.5	58.5	54.5	55.8
08-09-2018	9:35	57.0	59.0	53.5	
08-09-2018	9:40	54.5	55.5	53.0	
08-09-2018	9:45	55.6	57.0	53.5	
08-09-2018	9:50	55.8	57.5	53.5	
08-09-2018	9:55	54.9	56.5	53.0	
08-09-2018	10:00	55.1	56.0	53.5	54.8
08-09-2018	10:05	54.9	56.0	53.5	
08-09-2018	10:10	55.0	56.0	53.5	
08-09-2018	10:15	54.2	55.0	53.0	
08-09-2018	10:20	55.5	57.0	53.5	
08-09-2018	10:25	54.2	55.5	53.0	
08-09-2018	10:30	55.0	56.0	53.5	54.8
08-09-2018	10:35	55.2	56.5	54.0	
08-09-2018	10:40	54.4	55.0	53.0	
08-09-2018	10:45	54.9	56.5	53.0	
08-09-2018	10:50	54.4	55.5	53.0	
08-09-2018	10:55	54.7	55.5	53.5	
08-09-2018	11:00	54.6	55.5	53.5	54.8
08-09-2018	11:05	55.0	56.0	54.0	
08-09-2018	11:10	55.4	56.0	53.5	
08-09-2018	11:15	54.5	55.5	53.0	
08-09-2018	11:20	55.1	56.5	53.5	
08-09-2018	11:25	54.1	55.0	52.5	
08-09-2018	11:30	54.9	56.0	53.0	54.3
08-09-2018	11:35	54.2	55.0	52.5	
08-09-2018	11:40	54.6	56.0	52.5	
08-09-2018	11:45	54.4	55.5	52.5	
08-09-2018	11:50	53.7	54.5	52.5	
08-09-2018	11:55	53.9	56.0	51.0	
08-09-2018	12:00	54.0	55.5	52.0	54.3
08-09-2018	12:05	55.1	56.5	53.0	
08-09-2018	12:10	56.5	59.5	52.5	
08-09-2018	12:15	53.6	55.0	51.5	
08-09-2018	12:20	52.4	53.5	50.5	
08-09-2018	12:25	52.7	54.0	51.0	
08-09-2018	12:30	53.1	54.5	51.0	52.4
08-09-2018	12:35	52.3	53.5	51.0	
08-09-2018	12:40	52.4	53.5	51.0	
08-09-2018	12:45	52.1	53.0	51.0	
08-09-2018	12:50	52.0	53.0	50.5	
08-09-2018	12:55	52.2	53.0	50.5	

Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
08-09-2018	13:00	60.7	65.5	51.0	56.7
08-09-2018	13:05	54.7	55.5	53.0	
08-09-2018	13:10	54.7	56.0	53.0	
08-09-2018	13:15	54.6	55.5	53.5	
08-09-2018	13:20	55.3	56.5	53.5	
08-09-2018	13:25	56.1	57.0	54.5	
08-09-2018	13:30	56.6	57.5	55.0	56.8
08-09-2018	13:35	56.8	58.0	55.0	
08-09-2018	13:40	56.2	57.0	55.0	
08-09-2018	13:45	57.0	58.0	55.5	
08-09-2018	13:50	57.0	58.0	55.0	
08-09-2018	13:55	56.9	57.5	55.5	
08-09-2018	14:00	57.2	58.0	55.5	57.2
08-09-2018	14:05	56.9	58.0	55.5	
08-09-2018	14:10	57.3	58.0	56.0	
08-09-2018	14:15	57.4	59.0	55.5	
08-09-2018	14:20	57.2	58.0	56.0	
08-09-2018	14:25	57.4	58.5	56.0	
08-09-2018	14:30	57.4	58.5	55.5	56.7
08-09-2018	14:35	56.9	58.0	55.5	
08-09-2018	14:40	56.7	57.5	55.0	
08-09-2018	14:45	56.2	57.0	55.0	
08-09-2018	14:50	56.2	57.0	55.0	
08-09-2018	14:55	56.9	58.0	55.0	
08-09-2018	15:00	55.5	56.5	54.0	55.4
08-09-2018	15:05	55.1	56.0	54.0	
08-09-2018	15:10	55.5	56.5	54.0	
08-09-2018	15:15	54.9	56.0	53.5	
08-09-2018	15:20	56.3	57.0	54.0	
08-09-2018	15:25	54.9	55.5	53.5	
08-09-2018	15:30	54.9	56.0	53.5	55.9
08-09-2018	15:35	54.4	55.0	53.5	
08-09-2018	15:40	57.1	60.0	54.0	
08-09-2018	15:45	57.5	60.5	53.5	
08-09-2018	15:50	55.4	56.5	54.0	
08-09-2018	15:55	55.0	56.0	54.0	
08-09-2018	16:00	55.4	56.5	54.0	55.9
08-09-2018	16:05	55.8	57.0	54.5	
08-09-2018	16:10	55.1	56.0	53.5	
08-09-2018	16:15	56.3	58.0	54.0	
08-09-2018	16:20	57.2	60.5	53.5	
08-09-2018	16:25	55.3	56.5	53.5	
08-09-2018	16:30	57.3	60.0	54.0	56.0
08-09-2018	16:35	55.4	57.0	53.5	
08-09-2018	16:40	55.8	57.5	54.0	
08-09-2018	16:45	55.6	56.5	54.0	
08-09-2018	16:50	55.9	57.0	54.0	
08-09-2018	16:55	55.4	56.5	53.5	



Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
08-09-2018	17:00	56.1	58.0	54.0	55.8
08-09-2018	17:05	55.5	56.5	54.0	
08-09-2018	17:10	55.3	56.0	54.0	
08-09-2018	17:15	56.6	59.0	54.0	
08-09-2018	17:20	55.5	56.5	54.0	
08-09-2018	17:25	55.4	56.0	54.0	
08-09-2018	17:30	54.8	56.0	53.5	55.2
08-09-2018	17:35	54.6	55.5	53.0	
08-09-2018	17:40	54.9	55.5	54.0	
08-09-2018	17:45	55.4	56.0	54.5	
08-09-2018	17:50	55.6	56.5	54.5	
08-09-2018	17:55	55.6	57.0	54.0	
08-09-2018	18:00	55.7	56.5	54.5	55.2
08-09-2018	18:05	55.3	56.0	54.0	
08-09-2018	18:10	55.0	55.5	53.5	
08-09-2018	18:15	54.9	55.5	53.5	
08-09-2018	18:20	55.3	56.5	54.0	
08-09-2018	18:25	55.2	56.5	53.5	
08-09-2018	18:30	55.2	56.5	54.0	55.6
08-09-2018	18:35	55.3	57.0	53.0	
08-09-2018	18:40	56.9	60.0	53.0	
08-09-2018	18:45	56.0	58.0	54.0	
08-09-2018	18:50	54.8	56.0	53.0	
08-09-2018	18:55	54.8	56.0	53.0	
10-09-2018	7:00	50.6	51.0	49.5	50.6
10-09-2018	7:05	50.8	51.5	50.0	
10-09-2018	7:10	50.9	51.5	50.0	
10-09-2018	7:15	50.5	51.0	49.5	
10-09-2018	7:20	50.1	51.0	49.0	
10-09-2018	7:25	50.6	51.5	49.5	
10-09-2018	7:30	50.3	51.0	49.0	52.5
10-09-2018	7:35	50.5	51.5	49.5	
10-09-2018	7:40	53.1	55.5	50.5	
10-09-2018	7:45	54.0	57.0	51.0	
10-09-2018	7:50	52.6	54.5	50.5	
10-09-2018	7:55	53.4	55.0	51.5	
10-09-2018	8:00	52.2	53.5	50.5	54.1
10-09-2018	8:05	56.7	58.5	53.0	
10-09-2018	8:10	53.9	55.0	52.0	
10-09-2018	8:15	54.9	57.0	51.5	
10-09-2018	8:20	52.8	54.0	51.0	
10-09-2018	8:25	52.0	53.5	50.0	
10-09-2018	8:30	52.0	53.5	50.0	52.9
10-09-2018	8:35	52.5	54.0	50.0	
10-09-2018	8:40	53.6	55.5	50.5	
10-09-2018	8:45	52.8	54.0	51.0	
10-09-2018	8:50	53.9	56.5	50.5	
10-09-2018	8:55	52.5	53.5	51.0	

Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
10-09-2018	9:00	53.0	54.5	51.0	53.4
10-09-2018	9:05	52.8	54.0	51.0	
10-09-2018	9:10	53.2	54.5	51.5	
10-09-2018	9:15	54.8	57.0	51.0	
10-09-2018	9:20	53.1	54.5	51.0	
10-09-2018	9:25	53.4	55.5	51.0	
10-09-2018	9:30	53.8	55.5	51.5	53.0
10-09-2018	9:35	52.4	53.5	50.5	
10-09-2018	9:40	52.8	54.5	50.5	
10-09-2018	9:45	52.4	53.5	51.0	
10-09-2018	9:50	52.8	54.0	51.0	
10-09-2018	9:55	53.5	55.0	51.0	
10-09-2018	10:00	54.0	55.5	51.5	53.7
10-09-2018	10:05	54.1	56.5	51.0	
10-09-2018	10:10	52.8	54.0	51.0	
10-09-2018	10:15	54.8	58.0	49.5	
10-09-2018	10:20	52.6	55.0	50.0	
10-09-2018	10:25	53.5	56.0	50.5	
10-09-2018	10:30	53.3	55.0	51.0	53.9
10-09-2018	10:35	53.0	55.0	50.0	
10-09-2018	10:40	54.3	56.5	51.5	
10-09-2018	10:45	54.3	57.0	51.0	
10-09-2018	10:50	54.2	56.5	51.0	
10-09-2018	10:55	53.9	56.5	50.5	
10-09-2018	11:00	54.3	56.5	50.0	55.7
10-09-2018	11:05	54.8	57.5	50.5	
10-09-2018	11:10	56.7	60.0	51.0	
10-09-2018	11:15	58.8	63.0	50.0	
10-09-2018	11:20	53.7	55.0	51.0	
10-09-2018	11:25	52.9	55.0	49.5	
10-09-2018	11:30	51.9	53.5	49.5	52.4
10-09-2018	11:35	52.6	54.0	50.0	
10-09-2018	11:40	53.8	56.5	50.0	
10-09-2018	11:45	51.4	53.5	49.0	
10-09-2018	11:50	52.7	54.5	50.0	
10-09-2018	11:55	51.5	52.5	49.0	
10-09-2018	12:00	52.2	54.0	49.5	52.7
10-09-2018	12:05	51.8	53.5	49.5	
10-09-2018	12:10	52.8	54.5	51.0	
10-09-2018	12:15	53.1	54.5	51.0	
10-09-2018	12:20	53.8	56.0	51.0	
10-09-2018	12:25	52.3	54.0	49.5	
10-09-2018	12:30	53.3	56.0	50.0	55.9
10-09-2018	12:35	54.0	57.0	50.0	
10-09-2018	12:40	50.7	52.0	49.0	
10-09-2018	12:45	52.0	54.0	49.0	
10-09-2018	12:50	52.1	54.5	49.0	
10-09-2018	12:55	61.5	65.0	49.0	

Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
10-09-2018	13:00	51.5	53.0	49.5	52.5
10-09-2018	13:05	52.7	54.0	50.5	
10-09-2018	13:10	52.1	53.5	50.5	
10-09-2018	13:15	53.0	54.5	50.5	
10-09-2018	13:20	52.8	54.0	51.0	
10-09-2018	13:25	52.8	54.5	50.5	

**Average** 56.5  
**Min** 48.5  
**Max** 69.4

Notes:

- (a) Data affected by the rain were discarded.
- (b) Correction of +3 dB(A) was made for free field measurements.

Measured Noise Levels (dB(A)) at NM1 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
24-08-2018	19:00	55.2	56.0	54.0
24-08-2018	19:05	55.9	57.5	54.5
24-08-2018	19:10	57.4	59.5	55.0
24-08-2018	19:15	59.4	60.0	58.0
24-08-2018	19:20	60.0	60.5	59.0
24-08-2018	19:25	61.0	62.0	59.5
24-08-2018	19:30	61.5	62.5	60.0
24-08-2018	19:35	62.4	63.5	61.0
24-08-2018	19:40	62.6	63.5	61.5
24-08-2018	19:45	61.4	63.5	58.5
24-08-2018	19:50	58.0	59.5	56.0
24-08-2018	19:55	57.2	57.5	56.0
24-08-2018	20:00	57.2	57.5	56.5
24-08-2018	20:05	56.9	57.5	56.0
24-08-2018	20:10	57.1	57.5	56.0
24-08-2018	20:15	56.2	57.0	55.0
24-08-2018	20:20	57.8	59.5	55.5
24-08-2018	20:25	56.7	57.5	55.5
24-08-2018	20:30	57.1	57.5	56.0
24-08-2018	20:35	56.8	57.0	56.0
24-08-2018	20:40	57.1	58.0	56.0
24-08-2018	20:45	59.5	61.5	57.0
24-08-2018	20:50	61.8	64.0	58.5
24-08-2018	20:55	63.8	67.0	57.5
24-08-2018	21:00	58.8	60.5	55.0
24-08-2018	21:05	57.2	58.0	56.0
24-08-2018	21:10	55.9	56.5	55.0
24-08-2018	21:15	56.1	57.0	54.5
24-08-2018	21:20	58.7	62.0	55.0
24-08-2018	21:25	59.7	61.5	56.5
24-08-2018	21:30	58.1	59.0	56.0
24-08-2018	21:35	57.5	58.5	56.5
24-08-2018	21:40	58.4	59.0	57.5
24-08-2018	21:45	56.4	57.0	55.5
24-08-2018	21:50	57.0	57.5	56.0
24-08-2018	21:55	57.5	58.0	56.5
24-08-2018	22:00	58.3	59.0	57.0
24-08-2018	22:05	58.5	59.5	57.0
24-08-2018	22:10	59.4	60.0	58.5
24-08-2018	22:15	58.8	59.5	57.5
24-08-2018	22:20	59.1	62.0	56.5
24-08-2018	22:25	60.3	62.0	57.0
24-08-2018	22:30	57.2	57.5	56.0
24-08-2018	22:35	57.6	58.5	56.0
24-08-2018	22:40	57.3	58.0	56.0
24-08-2018	22:45	58.6	59.5	56.0
24-08-2018	22:50	56.5	57.0	55.0
24-08-2018	22:55	57.5	60.0	55.0

Measured Noise Levels (dB(A)) at NM1 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
25-08-2018	19:00	54.8	55.5	53.5
25-08-2018	19:05	54.5	55.5	53.0
25-08-2018	19:10	55.3	56.0	54.0
25-08-2018	19:15	56.8	58.5	54.5
25-08-2018	19:20	56.8	57.5	55.5
25-08-2018	19:25	57.4	58.5	56.0
25-08-2018	19:30	57.6	58.0	56.5
25-08-2018	19:35	57.4	58.0	56.5
25-08-2018	19:40	59.1	62.5	57.0
25-08-2018	19:45	57.2	58.0	56.0
25-08-2018	19:50	58.7	59.0	57.0
25-08-2018	19:55	58.1	58.5	57.0
25-08-2018	20:00	60.1	62.5	57.5
25-08-2018	20:05	58.3	59.5	56.5
25-08-2018	20:10	58.8	59.5	57.5
25-08-2018	20:15	58.0	58.5	57.0
25-08-2018	20:20	60.5	63.0	57.0
25-08-2018	20:25	57.9	59.0	56.0
25-08-2018	20:30	58.8	60.0	56.5
25-08-2018	20:35	56.2	57.0	55.0
25-08-2018	20:40	56.2	57.0	55.0
25-08-2018	20:45	56.5	57.0	55.5
25-08-2018	20:50	56.6	57.5	55.5
25-08-2018	20:55	56.9	58.0	55.5
25-08-2018	21:00	56.5	58.0	55.0
25-08-2018	21:05	56.8	59.0	55.0
25-08-2018	21:10	56.2	57.0	55.0
25-08-2018	21:15	56.1	57.5	55.0
25-08-2018	21:20	56.0	57.5	54.5
25-08-2018	21:25	58.0	59.0	56.5
25-08-2018	21:30	56.4	57.5	54.5
25-08-2018	21:35	55.3	56.0	54.5
25-08-2018	21:40	56.3	57.0	55.0
25-08-2018	21:45	55.4	56.0	54.5
25-08-2018	21:50	55.6	56.0	54.5
25-08-2018	21:55	55.3	55.5	54.5
25-08-2018	22:00	55.6	56.5	54.5
25-08-2018	22:05	54.3	55.0	53.0
25-08-2018	22:10	56.9	58.0	55.5
25-08-2018	22:15	55.2	56.0	53.5
25-08-2018	22:20	54.5	55.0	53.5
25-08-2018	22:25	54.8	55.5	54.0
25-08-2018	22:30	54.8	55.5	54.0
25-08-2018	22:35	54.9	55.5	53.5
25-08-2018	22:40	56.2	57.5	54.5
25-08-2018	22:45	57.6	59.0	55.5
25-08-2018	22:50	57.4	59.0	55.5
25-08-2018	22:55	57.2	58.5	55.5

Measured Noise Levels (dB(A)) at NM1 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
26-08-2018	7:00	52.4	54.0	49.5
26-08-2018	7:05	52.8	54.5	49.5
26-08-2018	7:10	50.8	51.5	49.5
26-08-2018	7:15	52.1	54.5	49.5
26-08-2018	7:20	51.7	53.0	49.5
26-08-2018	7:25	52.0	53.5	49.5
26-08-2018	7:30	51.1	51.5	50.5
26-08-2018	7:35	55.5	58.0	50.5
26-08-2018	7:40	53.8	52.0	50.0
26-08-2018	7:45	51.7	52.5	50.5
26-08-2018	7:50	53.2	54.0	51.5
26-08-2018	7:55	53.1	53.5	52.0
26-08-2018	8:00	55.9	58.0	53.0
26-08-2018	8:05	55.7	58.0	53.0
26-08-2018	8:10	55.4	57.0	53.0
26-08-2018	8:15	54.9	56.0	53.0
26-08-2018	8:20	54.8	56.0	53.0
26-08-2018	8:25	55.6	57.5	53.0
26-08-2018	8:30	55.0	56.5	52.5
26-08-2018	8:35	53.5	54.0	52.5
26-08-2018	8:40	54.9	56.5	53.0
26-08-2018	8:45	55.3	56.5	52.0
26-08-2018	8:50	52.8	54.0	51.0
26-08-2018	8:55	52.8	54.0	51.0
26-08-2018	9:00	55.7	56.5	52.5
26-08-2018	9:05	56.3	58.0	51.5
26-08-2018	9:10	52.8	53.5	51.5
26-08-2018	9:15	55.0	57.5	52.0
26-08-2018	9:20	53.9	55.5	52.0
26-08-2018	9:25	53.1	54.0	51.5
26-08-2018	9:30	52.7	53.5	51.5
26-08-2018	9:35	53.8	55.5	51.5
26-08-2018	9:40	52.6	53.5	51.5
26-08-2018	9:45	53.0	54.5	51.0
26-08-2018	9:50	52.0	53.0	50.5
26-08-2018	9:55	52.5	54.0	50.5
26-08-2018	10:00	53.1	54.5	51.5
26-08-2018	10:05	52.4	53.0	51.0
26-08-2018	10:10	54.8	57.0	52.0
26-08-2018	10:15	52.8	54.5	51.0
26-08-2018	10:20	52.5	53.0	51.0
26-08-2018	10:25	53.0	54.0	51.5
26-08-2018	10:30	52.7	54.0	50.5
26-08-2018	10:35	53.0	54.0	51.0
26-08-2018	10:40	56.1	57.5	51.5
26-08-2018	10:45	52.8	54.0	51.0
26-08-2018	10:50	52.7	53.5	51.5
26-08-2018	10:55	53.3	54.5	51.5

Measured Noise Levels (dB(A)) at NM1 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
26-08-2018	11:00	53.6	54.5	52.5
26-08-2018	11:05	53.5	54.5	52.0
26-08-2018	11:10	52.5	53.5	51.0
26-08-2018	11:15	54.0	56.0	51.0
26-08-2018	11:20	52.3	54.0	50.0
26-08-2018	11:25	51.4	53.0	49.5
26-08-2018	11:30	50.6	52.0	48.5
26-08-2018	11:35	50.3	51.5	48.5
26-08-2018	11:40	50.1	51.5	48.5
26-08-2018	11:45	48.4	50.0	46.5
26-08-2018	11:50	48.5	49.5	47.0
26-08-2018	11:55	49.7	51.5	47.5
26-08-2018	12:00	49.5	50.5	47.5
26-08-2018	12:05	49.0	50.0	47.5
26-08-2018	12:10	49.3	50.0	47.5
26-08-2018	12:15	49.4	50.0	48.0
26-08-2018	12:20	49.6	51.0	48.0
26-08-2018	12:25	49.2	50.5	47.0
26-08-2018	12:30	50.2	52.0	47.5
26-08-2018	12:35	50.7	52.5	48.5
26-08-2018	12:40	51.0	53.5	48.0
26-08-2018	12:45	50.3	51.5	48.5
26-08-2018	12:50	52.1	54.0	49.5
26-08-2018	12:55	56.0	59.5	50.5
26-08-2018	13:00	53.4	55.0	50.5
26-08-2018	13:05	54.1	56.0	51.0
26-08-2018	13:10	53.3	54.5	51.0
26-08-2018	13:15	52.6	54.5	50.0
26-08-2018	13:20	56.2	57.5	52.0
26-08-2018	13:25	53.9	55.0	52.0
26-08-2018	13:30	53.5	54.5	51.5
26-08-2018	13:35	52.8	54.0	50.5
26-08-2018	13:40	54.2	55.5	51.5
26-08-2018	13:45	54.7	57.0	51.0
26-08-2018	13:50	53.4	55.0	51.0
26-08-2018	13:55	52.2	53.5	50.5
26-08-2018	14:00	53.2	55.0	51.0
26-08-2018	14:05	53.1	54.0	51.5
26-08-2018	14:10	53.7	55.0	51.5
26-08-2018	14:15	51.8	53.0	50.0
26-08-2018	14:20	51.8	53.0	50.0
26-08-2018	14:25	52.3	53.5	50.5
26-08-2018	14:30	51.5	52.5	50.0
26-08-2018	14:35	53.8	56.0	51.0
26-08-2018	14:40	52.2	54.0	50.5
26-08-2018	14:45	51.7	53.0	50.0
26-08-2018	14:50	51.6	53.0	50.0
26-08-2018	14:55	52.5	53.5	50.5

Measured Noise Levels (dB(A)) at NM1 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
26-08-2018	15:00	52.4	54.0	50.0
26-08-2018	15:05	53.0	55.0	51.0
26-08-2018	15:10	52.7	54.0	50.5
26-08-2018	15:15	52.6	54.0	50.5
26-08-2018	15:20	53.0	54.5	50.5
26-08-2018	15:25	51.4	53.0	50.0
26-08-2018	15:30	51.2	52.0	49.5
26-08-2018	15:35	51.1	52.0	49.5
26-08-2018	15:40	51.5	52.5	50.0
26-08-2018	15:45	51.5	53.0	49.5
26-08-2018	15:50	52.6	54.0	50.0
26-08-2018	15:55	52.7	54.5	50.5
26-08-2018	16:00	53.0	54.0	51.0
26-08-2018	16:05	52.4	53.5	50.5
26-08-2018	16:10	52.9	54.5	51.0
26-08-2018	16:15	53.0	54.0	51.0
26-08-2018	16:20	52.7	53.5	51.0
26-08-2018	16:25	59.8	66.5	51.5
26-08-2018	16:30	66.4	68.5	63.0
26-08-2018	16:35	72.7	75.0	66.0
26-08-2018	16:40	72.0	73.5	68.5
26-08-2018	16:45	69.6	71.5	66.5
26-08-2018	16:50	69.0	72.0	61.5
26-08-2018	16:55	59.2	61.5	56.0
26-08-2018	17:00	60.0	63.0	56.0
26-08-2018	17:05	60.3	63.0	55.0
26-08-2018	17:10	54.2	55.0	53.5
26-08-2018	17:15	54.9	56.0	53.5
26-08-2018	17:20	54.5	55.5	53.5
26-08-2018	17:25	53.5	54.0	52.5
26-08-2018	17:30	54.1	54.5	53.0
26-08-2018	17:35	53.6	54.5	52.5
26-08-2018	17:40	54.1	55.0	52.5
26-08-2018	17:45	53.4	54.5	52.0
26-08-2018	17:50	54.0	55.0	52.0
26-08-2018	17:55	54.6	56.5	52.0
26-08-2018	18:00	54.6	55.5	52.0
26-08-2018	18:05	52.5	53.0	52.0
26-08-2018	18:10	53.2	54.0	52.0
26-08-2018	18:15	52.6	53.0	51.5
26-08-2018	18:20	53.2	54.0	52.0
26-08-2018	18:25	53.8	55.0	52.5
26-08-2018	18:30	57.7	59.5	52.5
26-08-2018	18:35	54.1	55.0	52.5
26-08-2018	18:40	56.1	57.5	52.5
26-08-2018	18:45	52.9	53.5	52.0
26-08-2018	18:50	52.8	53.5	52.0
26-08-2018	18:55	53.0	53.5	52.5

Measured Noise Levels (dB(A)) at NM1 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
26-08-2018	19:00	53.3	54.5	52.0
26-08-2018	19:05	53.7	55.0	52.5
26-08-2018	19:10	53.9	55.0	52.5
26-08-2018	19:15	57.7	60.5	53.0
26-08-2018	19:20	55.0	56.5	53.0
26-08-2018	19:25	55.8	58.0	54.0
26-08-2018	19:30	55.7	56.5	54.5
26-08-2018	19:35	56.4	58.0	54.5
26-08-2018	19:40	56.6	57.0	55.5
26-08-2018	19:45	55.8	56.5	54.5
26-08-2018	19:50	55.0	55.5	54.5
26-08-2018	19:55	54.9	55.0	54.0
26-08-2018	20:00	55.5	56.0	54.5
26-08-2018	20:05	55.5	56.5	54.0
26-08-2018	20:10	54.5	55.5	53.0
26-08-2018	20:15	53.5	54.5	52.0
26-08-2018	20:20	57.3	62.5	53.0
26-08-2018	20:25	61.7	63.0	52.5
26-08-2018	20:30	52.5	53.0	51.5
26-08-2018	20:35	55.1	56.5	53.0
26-08-2018	20:40	54.1	55.0	52.5
26-08-2018	20:45	54.3	55.5	52.0
26-08-2018	20:50	60.7	61.5	54.0
26-08-2018	20:55	54.7	55.5	52.5
26-08-2018	21:00	53.7	55.0	52.0
26-08-2018	21:05	54.0	55.0	52.5
26-08-2018	21:10	54.1	55.0	52.5
26-08-2018	21:15	53.7	54.5	52.5
26-08-2018	21:20	54.3	55.5	52.5
26-08-2018	21:25	55.2	56.5	53.5
26-08-2018	21:30	56.4	55.5	54.0
26-08-2018	21:35	53.9	55.5	51.0
26-08-2018	21:40	53.8	56.5	50.5
26-08-2018	21:45	57.3	59.0	54.5
26-08-2018	21:50	55.2	55.5	54.5
26-08-2018	21:55	58.1	61.0	54.0
26-08-2018	22:00	61.6	62.5	59.5
26-08-2018	22:05	56.1	57.5	54.0
26-08-2018	22:10	55.5	57.0	54.0
26-08-2018	22:15	55.9	57.0	54.0
26-08-2018	22:20	55.9	58.0	52.0
26-08-2018	22:25	51.4	52.0	50.0
26-08-2018	22:30	51.6	50.5	49.0
26-08-2018	22:35	51.5	52.0	49.5
26-08-2018	22:40	52.7	53.5	51.5
26-08-2018	22:45	53.5	54.0	52.5
26-08-2018	22:50	53.3	54.0	52.0
26-08-2018	22:55	54.8	53.0	51.0

Measured Noise Levels (dB(A)) at NM1 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
27-08-2018	19:00	56.5	58.0	54.5
27-08-2018	19:05	57.4	59.0	55.0
27-08-2018	19:10	57.8	60.0	55.0
27-08-2018	19:15	56.9	58.0	55.5
27-08-2018	19:20	57.6	58.5	56.0
27-08-2018	19:25	57.7	58.5	56.5
27-08-2018	19:30	57.9	59.0	56.0
27-08-2018	19:35	56.9	58.0	55.5
27-08-2018	19:40	57.3	60.0	55.0
27-08-2018	19:45	56.7	57.5	55.5
27-08-2018	19:50	56.8	57.5	55.5
27-08-2018	19:55	56.5	57.5	55.0
27-08-2018	20:00	55.8	57.0	54.0
27-08-2018	20:05	56.0	57.0	54.0
27-08-2018	20:10	56.0	57.0	54.5
27-08-2018	20:15	56.2	57.5	54.0
27-08-2018	20:20	56.7	58.5	54.5
27-08-2018	20:25	57.6	59.5	55.0
27-08-2018	20:30	57.6	59.0	55.5
27-08-2018	20:35	56.1	57.5	54.5
27-08-2018	20:40	57.4	59.0	55.5
27-08-2018	20:45	59.4	61.0	57.0
27-08-2018	20:50	56.7	57.5	55.5
27-08-2018	20:55	57.3	58.0	56.0
27-08-2018	21:00	55.6	56.5	54.5
27-08-2018	21:05	55.0	56.5	53.0
27-08-2018	21:10	54.2	55.0	53.0
27-08-2018	21:15	59.2	65.0	54.5
27-08-2018	21:20	55.7	56.5	54.5
27-08-2018	21:25	58.3	59.5	56.0
27-08-2018	21:30	60.1	61.0	59.0
27-08-2018	21:35	59.7	60.5	58.5
27-08-2018	21:40	59.2	60.0	58.0
27-08-2018	21:45	57.2	58.5	55.5
27-08-2018	21:50	55.7	56.0	55.0
27-08-2018	21:55	56.0	58.0	54.0
27-08-2018	22:00	56.6	57.5	55.0
27-08-2018	22:05	54.6	55.0	54.0
27-08-2018	22:10	54.4	55.0	53.5
27-08-2018	22:15	53.6	54.0	53.0
27-08-2018	22:20	53.1	53.5	52.5
27-08-2018	22:25	54.7	56.0	53.0
27-08-2018	22:30	55.1	56.5	53.5
27-08-2018	22:35	56.9	59.0	53.0
27-08-2018	22:40	54.1	54.5	52.0
27-08-2018	22:45	53.7	55.0	52.0
27-08-2018	22:50	53.2	54.0	52.0
27-08-2018	22:55	54.6	56.5	52.0

Measured Noise Levels (dB(A)) at NM1 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
28-08-2018	19:00	55.6	56.5	54.5
28-08-2018	19:05	56.0	57.0	55.0
28-08-2018	19:10	56.7	57.5	55.5
28-08-2018	19:15	56.2	57.0	55.0
28-08-2018	19:20	56.2	57.0	55.0
28-08-2018	19:25	57.2	58.0	56.0
28-08-2018	19:30	56.5	57.5	55.0
28-08-2018	19:35	58.7	62.0	54.5
28-08-2018	19:40	57.5	61.0	55.0
28-08-2018	19:45	56.3	57.0	55.0
28-08-2018	19:50	55.2	56.0	53.5
28-08-2018	19:55	55.1	56.0	54.0
28-08-2018	20:00	55.2	56.0	54.0
28-08-2018	20:05	55.4	57.0	54.0
28-08-2018	20:10	55.6	56.0	54.5
28-08-2018	20:15	55.9	57.5	54.5
28-08-2018	20:20	56.3	58.0	54.5
28-08-2018	20:25	55.0	55.5	54.0
28-08-2018	20:30	57.0	59.0	54.0
28-08-2018	20:35	57.9	59.0	54.0
28-08-2018	20:40	55.1	56.0	53.5
28-08-2018	20:45	55.1	58.0	52.5
28-08-2018	20:50	53.7	55.5	51.5
28-08-2018	20:55	53.8	55.0	52.0
28-08-2018	21:00	55.5	56.0	54.5
28-08-2018	21:05	58.3	62.5	55.5
28-08-2018	21:10	55.7	56.5	53.5
28-08-2018	21:15	55.9	56.5	55.0
28-08-2018	21:20	54.6	56.0	52.0
28-08-2018	21:25	54.1	55.0	52.5
28-08-2018	21:30	54.5	55.5	53.0
28-08-2018	21:35	55.9	59.5	53.0
28-08-2018	21:40	53.3	55.0	51.0
28-08-2018	21:45	51.4	53.0	49.5
28-08-2018	21:50	52.6	53.5	51.0
28-08-2018	21:55	54.5	56.5	51.5
28-08-2018	22:00	56.2	57.0	54.5
28-08-2018	22:05	55.4	56.0	54.0
28-08-2018	22:10	55.4	56.5	54.0
28-08-2018	22:15	56.3	57.0	55.0
28-08-2018	22:20	56.8	58.0	55.5
28-08-2018	22:25	57.9	59.0	56.5
28-08-2018	22:30	58.7	62.5	56.0
28-08-2018	22:35	58.2	59.5	56.0
28-08-2018	22:40	59.3	60.0	58.0
28-08-2018	22:45	56.0	59.0	51.0
28-08-2018	22:50	53.4	55.0	50.5
28-08-2018	22:55	53.7	55.0	52.0

Measured Noise Levels (dB(A)) at NM1 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
29-08-2018	19:00	55.8	56.5	54.5
29-08-2018	19:05	56.2	57.0	55.0
29-08-2018	19:10	56.8	57.5	55.5
29-08-2018	19:15	58.3	60.0	56.0
29-08-2018	19:20	58.2	60.0	56.0
29-08-2018	19:25	58.7	60.5	56.0
29-08-2018	19:30	61.4	64.0	56.0
29-08-2018	19:35	56.5	57.5	55.0
29-08-2018	19:40	56.5	57.5	55.0
29-08-2018	19:45	56.9	58.0	55.0
29-08-2018	19:50	57.7	59.5	55.0
29-08-2018	19:55	56.2	57.5	54.5
29-08-2018	20:00	60.5	63.0	55.5
29-08-2018	20:05	57.3	58.5	55.0
29-08-2018	20:10	56.1	57.0	55.0
29-08-2018	20:15	55.6	56.5	54.5
29-08-2018	20:20	55.3	56.0	54.0
29-08-2018	20:25	57.6	58.5	55.0
29-08-2018	20:30	57.4	58.5	56.0
29-08-2018	20:35	56.3	57.5	54.5
29-08-2018	20:40	55.2	56.0	54.0
29-08-2018	20:45	56.5	59.5	54.5
29-08-2018	20:50	54.8	55.5	53.5
29-08-2018	20:55	54.4	55.0	53.5
29-08-2018	21:00	55.1	56.0	54.0
29-08-2018	21:05	56.4	58.0	54.5
29-08-2018	21:10	57.3	59.5	54.0
29-08-2018	21:15	55.8	56.5	54.0
29-08-2018	21:20	55.6	57.0	53.5
29-08-2018	21:25	55.4	56.5	54.0
29-08-2018	21:30	55.4	56.5	54.0
29-08-2018	21:35	54.5	55.5	53.0
29-08-2018	21:40	54.5	55.0	53.5
29-08-2018	21:45	55.1	56.5	53.0
29-08-2018	21:50	55.8	59.0	52.5
29-08-2018	21:55	53.7	54.5	52.5
29-08-2018	22:00	55.5	57.5	52.0
29-08-2018	22:05	54.7	54.5	53.0
29-08-2018	22:10	53.9	55.0	52.5
29-08-2018	22:15	54.3	55.5	53.0
29-08-2018	22:20	55.7	55.5	52.5
29-08-2018	22:25	55.2	56.5	53.0
29-08-2018	22:30	54.5	56.0	52.5
29-08-2018	22:35	53.7	54.5	52.5
29-08-2018	22:40	53.8	54.5	52.5
29-08-2018	22:45	54.5	55.5	53.0
29-08-2018	22:50	54.6	56.0	53.0
29-08-2018	22:55	55.4	56.5	53.5

Measured Noise Levels (dB(A)) at NM1 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
30-08-2018	19:00	52.7	54.0	50.5
30-08-2018	19:05	54.5	56.0	52.5
30-08-2018	19:10	55.1	56.0	53.5
30-08-2018	19:15	56.1	57.0	54.5
30-08-2018	19:20	56.4	58.0	54.5
30-08-2018	19:25	55.8	57.0	54.0
30-08-2018	19:30	57.3	58.0	55.5
30-08-2018	19:35	56.7	58.0	54.5
30-08-2018	19:40	56.4	57.5	55.0
30-08-2018	19:45	59.5	65.0	55.0
30-08-2018	19:50	63.9	66.0	55.5
30-08-2018	19:55	59.1	62.5	55.0
30-08-2018	20:00	57.0	59.0	54.0
30-08-2018	20:05	56.9	59.5	53.0
30-08-2018	20:10	55.5	56.5	53.5
30-08-2018	20:15	54.9	56.0	53.5
30-08-2018	20:20	56.3	57.5	53.5
30-08-2018	20:25	55.6	56.5	54.0
30-08-2018	20:30	57.1	59.5	53.5
30-08-2018	20:35	56.9	60.0	53.0
30-08-2018	20:40	57.1	59.5	53.0
30-08-2018	20:45	55.5	57.0	53.5
30-08-2018	20:50	55.6	57.0	54.0
30-08-2018	20:55	54.8	56.5	52.5
30-08-2018	21:00	58.3	61.5	53.0
30-08-2018	21:05	53.3	54.0	52.0
30-08-2018	21:10	54.6	58.0	52.0
30-08-2018	21:15	56.1	59.0	52.0
30-08-2018	21:20	53.0	54.0	52.0
30-08-2018	21:25	54.6	56.0	52.5
30-08-2018	21:30	53.2	54.0	52.0
30-08-2018	21:35	53.5	54.5	51.5
30-08-2018	21:40	54.1	55.0	52.5
30-08-2018	21:45	56.1	61.0	52.0
30-08-2018	21:50	61.5	62.0	60.5
30-08-2018	21:55	61.7	62.5	61.0
30-08-2018	22:00	60.7	62.0	54.5
30-08-2018	22:05	55.3	56.5	53.0
30-08-2018	22:10	56.3	57.0	53.5
30-08-2018	22:15	54.8	56.0	53.0
30-08-2018	22:20	54.9	56.0	53.0
30-08-2018	22:25	55.1	57.0	53.0
30-08-2018	22:30	56.7	59.0	54.0
30-08-2018	22:35	54.3	56.5	51.0
30-08-2018	22:40	61.0	65.5	50.0
30-08-2018	22:45	51.2	52.0	49.5
30-08-2018	22:50	52.1	53.5	50.5
30-08-2018	22:55	53.3	54.5	51.5

Measured Noise Levels (dB(A)) at NM1 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
31-08-2018	19:00	53.7	54.5	51.5
31-08-2018	19:05	57.9	61.0	54.5
31-08-2018	19:10	56.1	56.5	55.0
31-08-2018	19:15	56.6	57.0	55.5
31-08-2018	19:20	57.1	58.0	56.0
31-08-2018	19:25	58.1	60.0	56.5
31-08-2018	19:30	57.1	58.0	55.5
31-08-2018	19:35	56.6	57.5	55.5
31-08-2018	19:40	55.9	57.5	53.5
31-08-2018	19:45	60.1	61.5	58.5
31-08-2018	19:50	57.2	59.5	55.5
31-08-2018	19:55	56.2	58.0	54.0
31-08-2018	20:00	57.7	59.5	55.0
31-08-2018	20:05	57.4	59.0	55.0
31-08-2018	20:10	58.2	59.5	56.0
31-08-2018	20:15	58.2	59.5	55.5
31-08-2018	20:20	58.2	59.5	56.0
31-08-2018	20:25	59.3	62.5	56.0
31-08-2018	20:30	58.7	62.0	54.5
31-08-2018	20:35	59.7	63.5	55.0
31-08-2018	20:40	61.2	64.0	55.5
31-08-2018	20:45	59.9	62.0	56.5
31-08-2018	20:50	57.8	59.5	55.0
31-08-2018	20:55	57.5	59.0	55.5
31-08-2018	21:00	57.1	59.0	54.0
31-08-2018	21:05	56.8	59.0	53.5
31-08-2018	21:10	56.2	58.5	53.0
31-08-2018	21:15	59.1	62.5	52.5
31-08-2018	21:20	58.9	62.0	51.5
31-08-2018	21:25	58.0	59.0	56.0
31-08-2018	21:30	57.5	58.5	55.5
31-08-2018	21:35	57.9	59.0	56.0
31-08-2018	21:40	62.6	64.0	61.0
31-08-2018	21:45	59.8	62.0	56.5
31-08-2018	21:50	58.1	59.5	56.5
31-08-2018	21:55	57.7	59.0	56.0
31-08-2018	22:00	56.7	57.5	55.5
31-08-2018	22:05	59.6	62.0	56.0
31-08-2018	22:10	58.0	61.0	53.0
31-08-2018	22:15	57.9	60.5	53.0
31-08-2018	22:20	56.1	58.5	52.0
31-08-2018	22:25	58.4	61.0	52.0
31-08-2018	22:30	56.4	59.0	52.0
31-08-2018	22:35	57.1	59.0	53.0
31-08-2018	22:40	55.6	58.0	52.0
31-08-2018	22:45	53.3	56.0	50.0
31-08-2018	22:50	52.3	54.0	50.5
31-08-2018	22:55	52.3	54.5	50.0

Measured Noise Levels (dB(A)) at NM1 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
01-09-2018	19:00	53.2	54.0	52.0
01-09-2018	19:05	53.5	54.5	52.0
01-09-2018	19:10	53.7	54.0	53.0
01-09-2018	19:15	55.1	57.0	53.5
01-09-2018	19:20	54.2	55.0	53.0
01-09-2018	19:25	57.5	63.5	53.0
01-09-2018	19:30	59.8	63.5	54.0
01-09-2018	19:35	59.3	63.5	55.0
01-09-2018	19:40	58.7	60.5	54.5
01-09-2018	19:45	61.0	66.0	53.5
01-09-2018	19:50	57.7	59.5	54.0
01-09-2018	19:55	55.9	57.5	54.0
01-09-2018	20:00	61.1	63.0	54.5
01-09-2018	20:05	53.4	54.0	52.0
01-09-2018	20:10	58.5	61.5	52.5
01-09-2018	20:15	54.3	57.0	52.0
01-09-2018	20:20	51.9	52.5	51.0
01-09-2018	20:25	52.0	52.5	51.0
01-09-2018	20:30	52.3	53.0	51.0
01-09-2018	20:35	53.2	54.0	52.0
01-09-2018	20:40	52.2	53.0	51.0
01-09-2018	20:45	51.9	52.0	51.0
01-09-2018	20:50	52.7	53.0	52.0
01-09-2018	20:55	52.7	53.0	52.0
01-09-2018	21:00	52.9	53.5	52.0
01-09-2018	21:05	53.4	54.0	52.5
01-09-2018	21:10	53.5	54.0	52.5
01-09-2018	21:15	52.7	53.0	51.0
01-09-2018	21:20	52.7	53.5	51.5
01-09-2018	21:25	53.1	55.5	50.0
01-09-2018	21:30	51.1	53.5	48.0
01-09-2018	21:35	52.3	54.0	50.5
01-09-2018	21:40	51.3	52.5	49.5
01-09-2018	21:45	51.8	53.5	50.0
01-09-2018	21:50	52.8	55.5	50.0
01-09-2018	21:55	57.5	60.0	49.0
01-09-2018	22:00	51.3	53.0	48.5
01-09-2018	22:05	52.0	54.0	48.5
01-09-2018	22:10	52.6	56.5	48.0
01-09-2018	22:15	49.9	51.5	48.0
01-09-2018	22:20	52.5	54.0	49.0
01-09-2018	22:25	52.4	55.0	49.0
01-09-2018	22:30	54.9	58.0	50.0
01-09-2018	22:35	54.0	56.0	50.5
01-09-2018	22:40	54.5	56.5	51.5
01-09-2018	22:45	54.1	55.5	52.0
01-09-2018	22:50	55.3	57.0	51.5
01-09-2018	22:55	53.1	55.0	50.5

Measured Noise Levels (dB(A)) at NM1 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
02-09-2018	7:00	47.9	48.5	46.5
02-09-2018	7:05	47.3	47.5	46.5
02-09-2018	7:10	47.1	47.5	46.0
02-09-2018	7:15	47.3	48.0	46.0
02-09-2018	7:20	46.5	47.0	45.5
02-09-2018	7:25	50.0	52.5	45.5
02-09-2018	7:30	56.2	57.0	47.0
02-09-2018	7:35	50.8	53.0	48.0
02-09-2018	7:40	52.6	51.0	47.5
02-09-2018	7:45	50.4	51.5	47.5
02-09-2018	7:50	52.0	53.5	47.0
02-09-2018	7:55	53.7	57.5	47.5
02-09-2018	8:00	49.8	51.5	47.5
02-09-2018	8:05	49.7	51.5	48.0
02-09-2018	8:10	50.3	53.0	48.0
02-09-2018	8:15	48.7	49.5	48.0
02-09-2018	8:20	50.7	51.0	49.0
02-09-2018	8:25	50.9	52.0	49.5
02-09-2018	8:30	50.4	51.5	49.0
02-09-2018	8:35	52.1	55.0	48.5
02-09-2018	8:40	68.2	73.0	54.5
02-09-2018	8:45	60.2	62.0	54.0
02-09-2018	8:50	56.0	60.5	51.5
02-09-2018	8:55	53.2	55.0	51.0
02-09-2018	9:00	55.3	57.5	51.0
02-09-2018	9:05	56.4	59.0	52.0
02-09-2018	9:10	54.6	56.5	52.0
02-09-2018	9:15	54.4	55.5	53.0
02-09-2018	9:20	52.3	53.0	51.5
02-09-2018	9:25	51.9	52.5	51.0
02-09-2018	9:30	54.2	56.5	50.5
02-09-2018	9:35	52.6	53.5	51.0
02-09-2018	9:40	53.3	54.0	51.5
02-09-2018	9:45	53.9	55.0	52.5
02-09-2018	9:50	58.8	56.5	54.5
02-09-2018	9:55	55.7	57.0	54.5
02-09-2018	10:00	55.6	56.5	54.5
02-09-2018	10:05	55.0	56.0	53.5
02-09-2018	10:10	55.7	56.5	54.5
02-09-2018	10:15	54.2	55.0	53.0
02-09-2018	10:20	54.7	57.0	52.5
02-09-2018	10:25	54.8	56.5	53.0
02-09-2018	10:30	54.3	55.5	52.5
02-09-2018	10:35	53.7	55.0	52.0
02-09-2018	10:40	53.5	54.5	52.5
02-09-2018	10:45	54.0	55.0	52.5
02-09-2018	10:50	54.1	55.5	52.0
02-09-2018	10:55	54.2	55.5	51.5



Measured Noise Levels (dB(A)) at NM1 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
02-09-2018	11:00	53.9	56.0	51.5
02-09-2018	11:05	54.6	57.0	52.0
02-09-2018	11:10	54.0	57.0	51.0
02-09-2018	11:15	52.2	53.5	50.5
02-09-2018	11:20	53.1	55.0	50.5
02-09-2018	11:25	56.2	60.5	50.0
02-09-2018	11:30	52.7	56.0	49.5
02-09-2018	11:35	51.4	52.5	50.5
02-09-2018	11:40	52.1	54.0	50.0
02-09-2018	11:45	51.3	52.5	49.0
02-09-2018	11:50	50.8	52.5	49.0
02-09-2018	11:55	50.2	52.0	48.5
02-09-2018	12:00	52.5	56.0	48.5
02-09-2018	12:05	50.2	52.5	48.0
02-09-2018	12:10	51.5	52.0	48.0
02-09-2018	12:15	50.6	52.5	48.5
02-09-2018	12:20	53.0	55.5	49.5
02-09-2018	12:25	53.5	56.5	49.0
02-09-2018	12:30	51.8	54.5	49.0
02-09-2018	12:35	52.9	55.5	49.0
02-09-2018	12:40	52.2	54.0	49.5
02-09-2018	12:45	53.7	56.0	50.5
02-09-2018	12:50	54.3	57.0	50.0
02-09-2018	12:55	55.9	59.5	49.5
02-09-2018	13:00	52.8	54.5	49.5
02-09-2018	13:05	52.7	55.5	49.0
02-09-2018	13:10	51.8	55.0	48.5
02-09-2018	13:15	51.8	54.0	48.0
02-09-2018	13:20	57.8	61.0	49.5
02-09-2018	13:25	50.3	52.0	47.0
02-09-2018	13:30	49.4	51.0	47.5
02-09-2018	13:35	52.8	56.0	49.0
02-09-2018	13:40	52.1	54.5	48.5
02-09-2018	13:45	50.6	52.5	48.0
02-09-2018	13:50	52.6	56.0	48.5
02-09-2018	13:55	51.4	54.5	48.0
02-09-2018	14:00	51.8	54.0	48.5
02-09-2018	14:05	49.7	50.5	48.0
02-09-2018	14:10	50.0	51.5	48.0
02-09-2018	14:15	57.4	56.5	48.0
02-09-2018	14:20	54.4	58.0	48.5
02-09-2018	14:25	49.7	52.0	47.0
02-09-2018	14:30	51.7	54.0	47.5
02-09-2018	14:35	51.3	53.0	48.5
02-09-2018	14:40	50.4	51.5	49.0
02-09-2018	14:45	51.8	54.5	48.0
02-09-2018	14:50	52.8	56.0	48.5
02-09-2018	14:55	53.0	56.0	50.0

Measured Noise Levels (dB(A)) at NM1 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
02-09-2018	15:00	51.5	53.0	49.5
02-09-2018	15:05	51.4	53.0	49.0
02-09-2018	15:10	51.4	54.0	49.0
02-09-2018	15:15	52.6	54.5	50.0
02-09-2018	15:20	52.2	54.0	50.0
02-09-2018	15:25	53.2	55.5	49.5
02-09-2018	15:30	58.3	60.5	49.5
02-09-2018	15:35	51.4	53.5	49.5
02-09-2018	15:40	51.8	53.0	49.5
02-09-2018	15:45	53.6	56.0	50.5
02-09-2018	15:50	50.5	52.0	49.0
02-09-2018	15:55	51.8	53.5	49.5
02-09-2018	16:00	54.3	57.5	50.0
02-09-2018	16:05	50.1	51.0	49.0
02-09-2018	16:10	51.1	52.0	49.5
02-09-2018	16:15	52.8	55.5	50.0
02-09-2018	16:20	54.2	54.0	49.5
02-09-2018	16:25	56.2	56.5	50.0
02-09-2018	16:30	54.0	57.5	50.5
02-09-2018	16:35	56.4	59.0	51.5
02-09-2018	16:40	53.7	56.0	51.0
02-09-2018	16:45	51.4	52.5	50.0
02-09-2018	16:50	51.1	52.0	49.5
02-09-2018	16:55	52.6	55.0	50.0
02-09-2018	17:00	51.2	52.5	49.5
02-09-2018	17:05	52.3	53.5	50.5
02-09-2018	17:10	53.8	54.5	50.5
02-09-2018	17:15	52.9	54.0	51.0
02-09-2018	17:20	54.0	57.5	50.5
02-09-2018	17:25	53.4	55.5	50.5
02-09-2018	17:30	53.1	55.0	51.0
02-09-2018	17:35	52.7	55.0	50.5
02-09-2018	17:40	51.9	53.5	50.0
02-09-2018	17:45	51.6	52.5	50.0
02-09-2018	17:50	52.5	54.5	50.0
02-09-2018	17:55	52.9	55.0	50.5
02-09-2018	18:00	54.0	56.0	51.0
02-09-2018	18:05	53.5	56.0	51.0
02-09-2018	18:10	52.3	53.5	50.5
02-09-2018	18:15	54.5	56.5	52.0
02-09-2018	18:20	53.8	55.0	52.0
02-09-2018	18:25	54.7	57.5	51.5
02-09-2018	18:30	53.4	55.0	51.5
02-09-2018	18:35	52.7	54.0	51.0
02-09-2018	18:40	52.6	53.5	51.0
02-09-2018	18:45	52.7	53.5	51.5
02-09-2018	18:50	54.0	56.5	51.5
02-09-2018	18:55	54.5	56.5	52.0

Measured Noise Levels (dB(A)) at NM1 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
02-09-2018	19:00	53.3	54.5	52.0
02-09-2018	19:05	53.6	54.5	52.0
02-09-2018	19:10	56.4	58.5	53.0
02-09-2018	19:15	57.7	59.0	55.5
02-09-2018	19:20	58.4	60.0	55.5
02-09-2018	19:25	58.8	59.5	57.5
02-09-2018	19:30	58.3	59.0	57.0
02-09-2018	19:35	57.7	58.5	56.5
02-09-2018	19:40	58.0	59.5	55.5
02-09-2018	19:45	58.9	60.0	56.5
02-09-2018	19:50	59.7	61.5	57.5
02-09-2018	19:55	58.5	60.5	56.0
02-09-2018	20:00	56.8	57.5	55.5
02-09-2018	20:05	56.9	58.0	55.0
02-09-2018	20:10	57.7	58.5	56.0
02-09-2018	20:15	57.5	58.5	56.0
02-09-2018	20:20	57.7	60.0	54.5
02-09-2018	20:25	58.2	60.0	54.5
02-09-2018	20:30	58.5	60.5	55.5
02-09-2018	20:35	60.7	62.0	58.0
02-09-2018	20:40	59.8	62.5	56.0
02-09-2018	20:45	58.4	60.0	55.5
02-09-2018	20:50	58.2	60.0	55.5
02-09-2018	20:55	57.7	59.0	55.0
02-09-2018	21:00	57.9	59.0	55.5
02-09-2018	21:05	58.0	59.5	55.5
02-09-2018	21:10	57.5	59.0	55.0
02-09-2018	21:15	57.8	59.0	55.5
02-09-2018	21:20	58.4	60.0	56.0
02-09-2018	21:25	57.8	59.5	55.0
02-09-2018	21:30	57.7	59.5	55.0
02-09-2018	21:35	58.0	60.0	54.0
02-09-2018	21:40	53.2	54.5	52.0
02-09-2018	21:45	53.6	55.0	51.5
02-09-2018	21:50	53.3	54.5	51.5
02-09-2018	21:55	55.7	58.5	53.0
02-09-2018	22:00	54.2	55.0	52.5
02-09-2018	22:05	54.3	55.0	53.0
02-09-2018	22:10	54.3	55.0	53.0
02-09-2018	22:15	54.3	55.0	53.0
02-09-2018	22:20	54.6	55.5	53.0
02-09-2018	22:25	54.7	55.5	53.5
02-09-2018	22:30	54.4	55.0	53.0
02-09-2018	22:35	54.1	55.0	53.0
02-09-2018	22:40	54.8	56.5	53.0
02-09-2018	22:45	54.8	55.5	53.5
02-09-2018	22:50	54.6	55.5	53.5
02-09-2018	22:55	54.7	55.5	53.5

Measured Noise Levels (dB(A)) at NM1 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
03-09-2018	19:00	54.0	54.5	53.0
03-09-2018	19:05	53.4	54.0	52.5
03-09-2018	19:10	54.5	55.5	53.0
03-09-2018	19:15	55.3	56.0	54.5
03-09-2018	19:20	56.9	59.0	55.5
03-09-2018	19:25	58.6	61.0	56.0
03-09-2018	19:30	56.8	57.5	56.0
03-09-2018	19:35	57.1	57.5	56.0
03-09-2018	19:40	56.8	57.5	56.0
03-09-2018	19:45	57.3	58.5	56.0
03-09-2018	19:50	57.9	59.5	56.0
03-09-2018	19:55	57.8	59.0	56.0
03-09-2018	20:00	57.2	58.5	54.5
03-09-2018	20:05	56.6	58.0	55.0
03-09-2018	20:10	56.4	58.0	54.5
03-09-2018	20:15	56.0	57.0	54.5
03-09-2018	20:20	56.2	57.0	54.5
03-09-2018	20:25	55.6	56.0	54.5
03-09-2018	20:30	55.0	55.5	54.0
03-09-2018	20:35	55.3	56.0	54.0
03-09-2018	20:40	56.6	60.5	53.5
03-09-2018	20:45	58.8	61.0	55.0
03-09-2018	20:50	57.0	58.0	55.0
03-09-2018	20:55	56.0	56.5	54.5
03-09-2018	21:00	55.2	55.5	54.5
03-09-2018	21:05	55.3	56.0	54.5
03-09-2018	21:10	55.2	55.5	54.5
03-09-2018	21:15	55.4	56.5	54.0
03-09-2018	21:20	55.2	56.0	54.0
03-09-2018	21:25	54.3	55.0	53.0
03-09-2018	21:30	54.7	55.5	53.5
03-09-2018	21:35	54.6	55.0	53.5
03-09-2018	21:40	54.9	55.5	54.0
03-09-2018	21:45	55.0	55.5	54.0
03-09-2018	21:50	54.9	55.5	54.0
03-09-2018	21:55	54.3	55.0	53.5
03-09-2018	22:00	54.3	55.0	53.0
03-09-2018	22:05	53.9	54.5	52.5
03-09-2018	22:10	54.5	55.0	53.5
03-09-2018	22:15	54.9	55.5	53.5
03-09-2018	22:20	54.1	55.5	52.5
03-09-2018	22:25	55.5	56.5	52.5
03-09-2018	22:30	54.9	56.5	53.0
03-09-2018	22:35	53.4	54.0	52.5
03-09-2018	22:40	53.4	54.0	52.5
03-09-2018	22:45	53.9	54.5	52.5
03-09-2018	22:50	53.0	53.5	52.0
03-09-2018	22:55	52.8	53.5	51.5

Measured Noise Levels (dB(A)) at NM1 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
04-09-2018	19:00	55.0	56.0	54.0
04-09-2018	19:05	55.7	56.5	54.0
04-09-2018	19:10	56.2	57.0	55.0
04-09-2018	19:15	57.6	58.5	56.0
04-09-2018	19:20	58.4	59.5	56.5
04-09-2018	19:25	59.5	63.0	56.5
04-09-2018	19:30	57.6	58.5	56.0
04-09-2018	19:35	57.2	58.0	56.0
04-09-2018	19:40	58.3	61.0	56.0
04-09-2018	19:45	58.1	59.0	57.0
04-09-2018	19:50	58.7	59.5	57.0
04-09-2018	19:55	57.6	58.5	56.0
04-09-2018	20:00	62.3	66.5	56.0
04-09-2018	20:05	64.5	67.0	60.5
04-09-2018	20:10	58.3	60.5	56.0
04-09-2018	20:15	57.7	59.0	56.0
04-09-2018	20:20	58.5	60.5	56.0
04-09-2018	20:25	58.0	60.0	55.5
04-09-2018	20:30	59.0	61.0	55.5
04-09-2018	20:35	57.2	58.0	56.0
04-09-2018	20:40	58.4	59.5	55.5
04-09-2018	20:45	56.4	57.5	55.0
04-09-2018	20:50	55.7	56.5	54.5
04-09-2018	20:55	56.7	58.5	54.5
04-09-2018	21:00	56.4	57.5	55.0
04-09-2018	21:05	57.1	58.0	55.5
04-09-2018	21:10	56.9	58.0	55.5
04-09-2018	21:15	55.9	56.5	54.5
04-09-2018	21:20	56.8	58.0	55.5
04-09-2018	21:25	57.6	59.0	55.5
04-09-2018	21:30	58.3	60.5	56.0
04-09-2018	21:35	56.7	57.5	55.5
04-09-2018	21:40	56.9	57.5	55.5
04-09-2018	21:45	57.7	59.0	55.5
04-09-2018	21:50	58.7	60.5	55.0
04-09-2018	21:55	58.0	60.5	55.5
04-09-2018	22:00	56.3	57.0	55.0
04-09-2018	22:05	56.1	57.0	55.0
04-09-2018	22:10	56.9	57.5	55.0
04-09-2018	22:15	56.9	57.5	55.0
04-09-2018	22:20	58.4	60.5	55.5
04-09-2018	22:25	57.9	59.5	55.0
04-09-2018	22:30	57.9	59.5	55.5
04-09-2018	22:35	56.1	57.0	54.5
04-09-2018	22:40	56.5	57.5	55.5
04-09-2018	22:45	56.9	57.5	56.0
04-09-2018	22:50	57.2	58.0	56.0
04-09-2018	22:55	57.6	59.5	55.0

Measured Noise Levels (dB(A)) at NM1 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
05-09-2018	19:00	55.2	56.5	53.5
05-09-2018	19:05	55.5	56.5	53.5
05-09-2018	19:10	56.1	57.5	54.0
05-09-2018	19:15	55.8	56.5	54.5
05-09-2018	19:20	56.1	56.5	55.0
05-09-2018	19:25	57.0	58.0	56.0
05-09-2018	19:30	56.8	57.5	55.5
05-09-2018	19:35	56.5	57.0	55.5
05-09-2018	19:40	57.0	57.5	56.0
05-09-2018	19:45	57.4	58.0	56.0
05-09-2018	19:50	57.5	58.5	56.5
05-09-2018	19:55	57.5	58.0	56.5
05-09-2018	20:00	57.1	58.0	56.0
05-09-2018	20:05	57.8	59.0	56.0
05-09-2018	20:10	58.4	59.0	57.5
05-09-2018	20:15	57.7	58.5	56.5
05-09-2018	20:20	57.3	59.0	55.5
05-09-2018	20:25	56.7	57.5	56.0
05-09-2018	20:30	56.4	57.0	55.5
05-09-2018	20:35	58.1	59.5	56.0
05-09-2018	20:40	57.6	58.5	56.5
05-09-2018	20:45	57.7	58.5	56.5
05-09-2018	20:50	58.7	59.5	57.5
05-09-2018	20:55	57.7	58.5	56.5
05-09-2018	21:00	56.9	57.5	56.0
05-09-2018	21:05	57.6	59.0	56.0
05-09-2018	21:10	56.9	57.5	55.5
05-09-2018	21:15	56.0	56.5	55.0
05-09-2018	21:20	57.1	58.0	55.5
05-09-2018	21:25	56.4	57.5	55.0
05-09-2018	21:30	56.6	57.5	55.0
05-09-2018	21:35	57.2	58.0	56.0
05-09-2018	21:40	57.5	58.5	56.0
05-09-2018	21:45	57.4	58.5	56.0
05-09-2018	21:50	57.1	58.5	55.0
05-09-2018	21:55	57.0	58.5	55.0
05-09-2018	22:00	56.1	57.5	54.5
05-09-2018	22:05	55.6	56.5	54.0
05-09-2018	22:10	56.6	58.5	54.5
05-09-2018	22:15	56.7	58.0	54.5
05-09-2018	22:20	56.3	58.0	54.5
05-09-2018	22:25	56.2	57.5	54.0
05-09-2018	22:30	56.1	57.0	54.5
05-09-2018	22:35	56.0	56.5	54.5
05-09-2018	22:40	57.4	59.0	54.5
05-09-2018	22:45	55.7	57.5	54.0
05-09-2018	22:50	55.2	56.0	54.0
05-09-2018	22:55	55.2	56.5	53.5

Measured Noise Levels (dB(A)) at NM1 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
06-09-2018	19:00	53.5	55.5	51.5
06-09-2018	19:05	54.3	55.5	52.0
06-09-2018	19:10	55.1	56.5	53.0
06-09-2018	19:15	58.1	59.5	56.0
06-09-2018	19:20	60.0	62.5	57.0
06-09-2018	19:25	59.9	63.5	56.0
06-09-2018	19:30	56.8	57.5	56.0
06-09-2018	19:35	57.0	57.5	56.0
06-09-2018	19:40	59.3	60.5	57.0
06-09-2018	19:45	58.0	58.5	57.0
06-09-2018	19:50	58.1	59.0	57.0
06-09-2018	19:55	57.1	57.5	56.5
06-09-2018	20:00	58.8	60.0	56.5
06-09-2018	20:05	58.3	59.5	56.5
06-09-2018	20:10	58.1	59.0	56.5
06-09-2018	20:15	56.7	57.5	55.5
06-09-2018	20:20	57.5	59.0	55.5
06-09-2018	20:25	58.3	59.5	56.0
06-09-2018	20:30	57.4	58.5	55.5
06-09-2018	20:35	56.6	57.0	55.5
06-09-2018	20:40	56.9	58.0	55.5
06-09-2018	20:45	56.0	56.5	55.0
06-09-2018	20:50	55.8	56.5	55.0
06-09-2018	20:55	56.0	56.5	55.0
06-09-2018	21:00	55.6	56.0	54.5
06-09-2018	21:05	57.4	59.5	55.0
06-09-2018	21:10	55.3	56.0	54.0
06-09-2018	21:15	55.4	56.0	54.5
06-09-2018	21:20	54.8	55.5	54.0
06-09-2018	21:25	55.2	56.5	54.0
06-09-2018	21:30	56.0	57.5	54.5
06-09-2018	21:35	56.7	59.0	54.0
06-09-2018	21:40	54.7	55.5	53.5
06-09-2018	21:45	57.3	58.0	56.0
06-09-2018	21:50	55.9	56.5	55.0
06-09-2018	21:55	55.6	56.5	54.5
06-09-2018	22:00	56.3	57.0	55.0
06-09-2018	22:05	56.5	58.0	54.5
06-09-2018	22:10	56.6	57.5	55.5
06-09-2018	22:15	57.5	60.5	54.5
06-09-2018	22:20	56.5	57.5	54.5
06-09-2018	22:25	58.2	60.0	55.5
06-09-2018	22:30	57.0	59.0	55.0
06-09-2018	22:35	56.1	57.5	54.5
06-09-2018	22:40	56.3	57.5	54.5
06-09-2018	22:45	55.6	56.5	54.5
06-09-2018	22:50	56.3	57.0	55.0
06-09-2018	22:55	56.5	57.5	55.0

Measured Noise Levels (dB(A)) at NM1 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
07-09-2018	19:00	56.5	57.5	54.5
07-09-2018	19:05	58.5	60.0	55.0
07-09-2018	19:10	60.9	64.0	58.0
07-09-2018	19:15	60.1	61.0	59.0
07-09-2018	19:20	59.6	60.5	58.0
07-09-2018	19:25	59.1	60.0	57.5
07-09-2018	19:30	57.7	58.5	56.5
07-09-2018	19:35	57.6	58.5	56.5
07-09-2018	19:40	57.2	58.0	56.0
07-09-2018	19:45	57.5	58.5	56.0
07-09-2018	19:50	56.9	57.5	56.0
07-09-2018	19:55	56.9	57.5	56.0
07-09-2018	20:00	57.4	59.5	55.5
07-09-2018	20:05	56.2	57.5	54.5
07-09-2018	20:10	57.1	58.5	55.0
07-09-2018	20:15	55.7	57.5	53.5
07-09-2018	20:20	55.4	56.0	54.5
07-09-2018	20:25	55.4	56.5	54.0
07-09-2018	20:30	55.5	56.5	54.0
07-09-2018	20:35	55.8	58.5	53.0
07-09-2018	20:40	55.1	56.0	53.5
07-09-2018	20:45	54.5	55.5	52.5
07-09-2018	20:50	55.8	57.5	54.0
07-09-2018	20:55	58.0	61.5	54.0
07-09-2018	21:00	55.7	57.5	54.0
07-09-2018	21:05	56.6	58.5	54.0
07-09-2018	21:10	57.9	59.0	56.5
07-09-2018	21:15	57.9	59.0	56.0
07-09-2018	21:20	56.2	58.0	54.0
07-09-2018	21:25	55.7	57.5	54.0
07-09-2018	21:30	57.6	59.0	55.5
07-09-2018	21:35	57.1	58.0	55.5
07-09-2018	21:40	56.5	57.5	55.5
07-09-2018	21:45	57.5	58.0	56.0
07-09-2018	21:50	57.2	58.0	56.0
07-09-2018	21:55	59.6	61.0	56.5
07-09-2018	22:00	56.6	57.5	55.5
07-09-2018	22:05	59.4	60.5	56.0
07-09-2018	22:10	56.5	56.5	54.5
07-09-2018	22:15	58.5	62.5	54.0
07-09-2018	22:20	56.7	59.0	53.5
07-09-2018	22:25	55.0	56.0	54.0
07-09-2018	22:30	54.4	55.0	53.5
07-09-2018	22:35	55.9	57.5	53.5
07-09-2018	22:40	57.8	58.5	56.0
07-09-2018	22:45	58.3	59.0	56.5
07-09-2018	22:50	57.8	58.5	56.5
07-09-2018	22:55	57.3	58.0	55.5

Measured Noise Levels (dB(A)) at NM1 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
08-09-2018	19:00	55.0	56.0	53.5
08-09-2018	19:05	56.5	58.0	54.5
08-09-2018	19:10	55.9	56.5	54.5
08-09-2018	19:15	58.3	59.5	56.0
08-09-2018	19:20	63.3	66.0	59.5
08-09-2018	19:25	59.7	61.5	57.5
08-09-2018	19:30	63.4	64.5	61.0
08-09-2018	19:35	66.8	68.0	65.0
08-09-2018	19:40	64.8	66.0	63.0
08-09-2018	19:45	62.5	65.5	59.5
08-09-2018	19:50	57.2	58.0	56.0
08-09-2018	19:55	58.6	59.0	57.5
08-09-2018	20:00	57.5	59.0	55.0
08-09-2018	20:05	55.3	56.0	54.0
08-09-2018	20:10	55.2	56.0	54.0
08-09-2018	20:15	55.9	56.5	55.0
08-09-2018	20:20	56.0	57.0	54.5
08-09-2018	20:25	57.0	57.5	55.0
08-09-2018	20:30	56.9	58.5	54.5
08-09-2018	20:35	57.6	61.0	54.5
08-09-2018	20:40	56.4	59.0	53.0
08-09-2018	20:45	55.9	57.5	53.5
08-09-2018	20:50	55.4	56.5	53.5
08-09-2018	20:55	55.9	57.0	53.0
08-09-2018	21:00	54.3	56.0	52.5
08-09-2018	21:05	56.5	59.0	52.0
08-09-2018	21:10	54.9	56.5	52.0
08-09-2018	21:15	54.2	55.0	53.0
08-09-2018	21:20	54.2	55.0	52.5
08-09-2018	21:25	54.3	55.5	52.5
08-09-2018	21:30	54.9	56.5	53.0
08-09-2018	21:35	57.4	59.5	53.5
08-09-2018	21:40	56.2	58.5	54.5
08-09-2018	21:45	55.3	56.5	53.5
08-09-2018	21:50	54.6	56.0	53.0
08-09-2018	21:55	54.0	55.0	52.5
08-09-2018	22:00	55.0	56.5	53.0
08-09-2018	22:05	54.6	56.0	52.5
08-09-2018	22:10	56.0	57.5	52.5
08-09-2018	22:15	55.1	56.5	52.5
08-09-2018	22:20	54.4	55.5	53.0
08-09-2018	22:25	53.8	54.5	52.5
08-09-2018	22:30	53.8	55.0	52.0
08-09-2018	22:35	54.6	56.0	52.5
08-09-2018	22:40	54.1	55.0	52.5
08-09-2018	22:45	53.8	55.0	52.5
08-09-2018	22:50	53.6	54.5	52.0
08-09-2018	22:55	53.7	54.5	52.0

Measured Noise Levels (dB(A)) at NM1 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
09-09-2018	7:00	52.3	53.5	50.5
09-09-2018	7:05	52.2	53.0	51.0
09-09-2018	7:10	53.5	54.0	51.0
09-09-2018	7:15	52.7	53.5	49.5
09-09-2018	7:20	52.0	53.0	50.5
09-09-2018	7:25	51.9	52.5	50.5
09-09-2018	7:30	52.3	53.5	51.0
09-09-2018	7:35	52.4	53.5	50.5
09-09-2018	7:40	51.8	53.0	50.5
09-09-2018	7:45	51.8	52.5	50.5
09-09-2018	7:50	52.0	53.5	50.5
09-09-2018	7:55	52.7	53.5	51.0
09-09-2018	8:00	54.6	56.5	52.0
09-09-2018	8:05	53.2	54.0	52.0
09-09-2018	8:10	54.4	56.0	52.5
09-09-2018	8:15	54.9	57.5	52.0
09-09-2018	8:20	53.3	54.0	52.0
09-09-2018	8:25	52.9	54.0	51.5
09-09-2018	8:30	53.1	54.0	51.5
09-09-2018	8:35	52.8	54.0	51.5
09-09-2018	8:40	53.8	55.5	52.0
09-09-2018	8:45	52.6	53.5	51.0
09-09-2018	8:50	52.7	53.5	51.5
09-09-2018	8:55	53.2	54.5	51.5
09-09-2018	9:00	53.6	54.5	52.0
09-09-2018	9:05	52.6	53.5	51.5
09-09-2018	9:10	53.0	54.0	51.5
09-09-2018	9:15	52.3	53.0	51.0
09-09-2018	9:20	52.8	54.0	51.0
09-09-2018	9:25	53.6	55.5	51.5
09-09-2018	9:30	53.5	55.0	51.5
09-09-2018	9:35	53.7	55.5	51.5
09-09-2018	9:40	52.9	54.0	51.5
09-09-2018	9:45	54.9	56.5	52.5
09-09-2018	9:50	53.4	55.0	51.5
09-09-2018	9:55	52.2	53.0	51.0
09-09-2018	10:00	52.6	53.0	50.5
09-09-2018	10:05	54.8	57.0	51.0
09-09-2018	10:10	52.5	54.0	50.5
09-09-2018	10:15	52.4	53.5	50.5
09-09-2018	10:20	52.5	53.5	50.5
09-09-2018	10:25	53.0	55.0	50.5
09-09-2018	10:30	52.3	53.5	50.5
09-09-2018	10:35	53.4	55.0	51.0
09-09-2018	10:40	54.2	56.5	51.5
09-09-2018	10:45	52.5	53.5	51.0
09-09-2018	10:50	53.2	54.5	51.5
09-09-2018	10:55	53.8	55.5	51.5

Measured Noise Levels (dB(A)) at NM1 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
09-09-2018	11:00	53.3	55.5	51.0
09-09-2018	11:05	52.7	54.0	51.0
09-09-2018	11:10	53.6	55.5	51.0
09-09-2018	11:15	53.0	54.5	51.0
09-09-2018	11:20	52.9	54.5	51.0
09-09-2018	11:25	53.3	56.0	49.5
09-09-2018	11:30	52.9	56.0	49.0
09-09-2018	11:35	51.5	53.0	49.5
09-09-2018	11:40	52.0	54.0	49.0
09-09-2018	11:45	52.7	54.5	48.0
09-09-2018	11:50	50.8	53.0	48.0
09-09-2018	11:55	51.2	53.0	49.0
09-09-2018	12:00	53.3	56.5	46.5
09-09-2018	12:05	50.6	53.5	47.0
09-09-2018	12:10	49.8	52.5	45.5
09-09-2018	12:15	51.9	55.0	46.5
09-09-2018	12:20	51.0	53.5	47.5
09-09-2018	12:25	50.5	53.0	46.0
09-09-2018	12:30	49.8	52.0	46.0
09-09-2018	12:35	49.9	52.0	45.5
09-09-2018	12:40	53.3	56.0	48.0
09-09-2018	12:45	52.0	55.0	46.0
09-09-2018	12:50	51.3	53.5	47.5
09-09-2018	12:55	51.8	55.0	46.0
09-09-2018	13:00	52.5	55.5	48.0
09-09-2018	13:05	51.1	54.0	47.0
09-09-2018	13:10	51.2	52.5	48.0
09-09-2018	13:15	49.9	51.0	48.0
09-09-2018	13:20	51.7	54.5	48.0
09-09-2018	13:25	51.7	54.0	48.5
09-09-2018	13:30	52.0	54.0	48.5
09-09-2018	13:35	51.9	53.5	48.5
09-09-2018	13:40	55.7	58.5	49.5
09-09-2018	13:45	53.1	55.5	49.5
09-09-2018	13:50	52.2	54.5	48.0
09-09-2018	13:55	52.0	54.0	49.0
09-09-2018	14:00	53.0	56.0	48.5
09-09-2018	14:05	52.8	55.5	49.0
09-09-2018	14:10	52.7	55.0	49.0
09-09-2018	14:15	53.3	56.0	49.0
09-09-2018	14:20	52.9	55.5	48.5
09-09-2018	14:25	52.3	54.0	49.0
09-09-2018	14:30	51.9	54.0	48.5
09-09-2018	14:35	52.4	54.0	49.5
09-09-2018	14:40	53.5	55.0	50.0
09-09-2018	14:45	54.3	56.5	50.5
09-09-2018	14:50	52.7	54.5	49.5
09-09-2018	14:55	54.2	57.0	50.0

Measured Noise Levels (dB(A)) at NM1 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
09-09-2018	15:00	51.9	53.5	49.5
09-09-2018	15:05	51.9	54.0	49.0
09-09-2018	15:10	50.4	52.0	48.0
09-09-2018	15:15	52.9	55.0	49.5
09-09-2018	15:20	53.4	55.5	49.5
09-09-2018	15:25	54.1	56.5	50.0
09-09-2018	15:30	51.3	53.0	49.0
09-09-2018	15:35	50.4	51.5	48.5
09-09-2018	15:40	52.2	54.0	49.5
09-09-2018	15:45	52.4	54.5	49.5
09-09-2018	15:50	52.4	54.5	49.5
09-09-2018	15:55	52.5	54.5	49.5
09-09-2018	16:00	52.9	54.5	50.5
09-09-2018	16:05	53.1	55.0	50.5
09-09-2018	16:10	52.8	54.5	50.5
09-09-2018	16:15	53.3	56.0	49.5
09-09-2018	16:20	52.5	54.0	50.0
09-09-2018	16:25	51.7	53.5	49.5
09-09-2018	16:30	51.2	52.5	49.5
09-09-2018	16:35	52.8	55.0	49.5
09-09-2018	16:40	52.4	54.5	49.5
09-09-2018	16:45	52.5	54.5	49.5
09-09-2018	16:50	52.9	54.5	50.0
09-09-2018	16:55	51.6	54.0	49.0
09-09-2018	17:00	52.3	55.0	49.5
09-09-2018	17:05	51.7	52.5	50.0
09-09-2018	17:10	53.4	55.0	51.5
09-09-2018	17:15	54.0	55.5	51.5
09-09-2018	17:20	54.9	57.0	52.5
09-09-2018	17:25	55.3	57.5	52.0
09-09-2018	17:30	53.5	55.0	51.5
09-09-2018	17:35	54.2	57.0	51.0
09-09-2018	17:40	52.3	53.5	50.5
09-09-2018	17:45	52.6	54.0	50.5
09-09-2018	17:50	54.3	55.5	51.0
09-09-2018	17:55	52.4	53.5	50.5
09-09-2018	18:00	57.7	59.0	51.5
09-09-2018	18:05	54.0	56.0	51.0
09-09-2018	18:10	53.6	55.0	51.0
09-09-2018	18:15	54.0	56.0	51.5
09-09-2018	18:20	53.7	55.5	51.5
09-09-2018	18:25	55.1	57.0	51.5
09-09-2018	18:30	54.2	57.0	51.0
09-09-2018	18:35	53.2	55.0	50.5
09-09-2018	18:40	52.2	53.5	50.5
09-09-2018	18:45	52.0	53.0	50.5
09-09-2018	18:50	52.5	54.5	50.0
09-09-2018	18:55	53.7	57.5	50.0

Measured Noise Levels (dB(A)) at NM1 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
09-09-2018	19:00	55.2	57.0	51.0
09-09-2018	19:05	57.5	61.0	53.5
09-09-2018	19:10	55.8	57.5	54.0
09-09-2018	19:15	55.6	56.5	54.0
09-09-2018	19:20	56.5	57.5	55.0
09-09-2018	19:25	59.1	61.5	56.5
09-09-2018	19:30	57.8	59.0	56.5
09-09-2018	19:35	57.4	58.5	55.0
09-09-2018	19:40	56.6	58.0	54.5
09-09-2018	19:45	56.3	58.0	53.5
09-09-2018	19:50	55.9	57.5	53.0
09-09-2018	19:55	56.3	58.0	54.0
09-09-2018	20:00	54.8	57.0	51.0
09-09-2018	20:05	51.9	53.0	50.0
09-09-2018	20:10	52.1	54.5	49.0
09-09-2018	20:15	55.9	58.5	52.0
09-09-2018	20:20	52.7	54.5	49.5
09-09-2018	20:25	53.1	57.0	49.5
09-09-2018	20:30	60.2	64.0	51.0
09-09-2018	20:35	69.4	71.0	63.5
09-09-2018	20:40	66.8	70.0	62.0
09-09-2018	20:45	66.6	69.0	61.5
09-09-2018	20:50	63.1	65.5	59.5
09-09-2018	20:55	61.0	65.0	53.5
09-09-2018	21:00	56.9	59.5	54.0
09-09-2018	21:05	65.3	67.5	61.5
09-09-2018	21:10	57.7	62.0	50.5
09-09-2018	21:15	52.5	54.0	50.0
09-09-2018	21:20	53.0	54.5	50.5
09-09-2018	21:25	55.3	58.5	51.0
09-09-2018	21:30	54.8	57.0	52.0
09-09-2018	21:35	55.4	58.0	50.5
09-09-2018	21:40	56.4	58.5	52.5
09-09-2018	21:45	59.5	63.5	52.5
09-09-2018	21:50	66.4	69.5	59.0
09-09-2018	21:55	69.0	72.0	62.5
09-09-2018	22:00	64.0	66.5	59.0
09-09-2018	22:05	62.0	65.0	54.0
09-09-2018	22:10	57.5	60.0	54.0
09-09-2018	22:15	58.6	61.0	55.5
09-09-2018	22:20	60.1	62.0	57.0
09-09-2018	22:25	63.6	66.5	57.5
09-09-2018	22:30	60.0	64.5	54.0
09-09-2018	22:35	52.9	55.0	50.5
09-09-2018	22:40	53.4	55.0	51.5
09-09-2018	22:45	57.7	60.5	51.5
09-09-2018	22:50	54.3	56.5	50.5
09-09-2018	22:55	54.0	56.0	50.5

Measured Noise Levels (dB(A)) at NM1 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
	<b>Average</b>	56.8		
	<b>Min</b>	46.5		
	<b>Max</b>	72.7		

Notes:

- (a) Data affected by the rain were discarded.
- (b) Correction of +3 dB(A) was made for free field measurements.

Measured Noise Levels (dB(A)) at NM1 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
24-08-2018	23:00	59.7	63.0	56.0
24-08-2018	23:05	61.0	63.5	56.0
24-08-2018	23:10	59.2	60.5	55.5
24-08-2018	23:15	56.8	57.5	55.5
24-08-2018	23:20	57.0	57.5	56.0
24-08-2018	23:25	56.8	58.0	56.0
24-08-2018	23:30	57.5	59.0	55.5
24-08-2018	23:35	56.1	56.5	55.0
24-08-2018	23:40	57.3	59.0	54.5
24-08-2018	23:45	55.7	58.0	54.5
24-08-2018	23:50	54.8	55.5	54.0
24-08-2018	23:55	55.6	56.5	54.5
25-08-2018	0:00	58.0	61.0	54.5
25-08-2018	0:05	55.0	56.0	54.0
25-08-2018	0:10	53.9	54.5	53.0
25-08-2018	0:15	56.8	58.5	53.0
25-08-2018	0:20	54.4	54.5	52.5
25-08-2018	0:25	54.1	54.5	53.0
25-08-2018	0:30	58.9	61.0	54.0
25-08-2018	0:35	56.8	60.0	53.5
25-08-2018	0:40	55.4	56.0	54.0
25-08-2018	0:45	57.0	57.5	55.5
25-08-2018	0:50	56.1	56.5	55.0
25-08-2018	0:55	56.2	57.0	55.0
25-08-2018	1:00	58.0	59.0	56.5
25-08-2018	1:05	58.1	59.0	56.0
25-08-2018	1:10	57.8	59.0	55.0
25-08-2018	1:15	58.4	59.0	55.5
25-08-2018	1:20	56.8	57.5	55.5
25-08-2018	1:25	58.0	59.0	56.5
25-08-2018	1:30	56.0	57.5	53.5
25-08-2018	1:35	56.0	57.5	53.5
25-08-2018	1:40	57.6	58.5	56.5
25-08-2018	1:45	57.1	58.0	55.5
25-08-2018	1:50	55.2	56.0	54.0
25-08-2018	1:55	55.1	56.0	53.5
25-08-2018	2:00	54.2	54.5	53.5
25-08-2018	2:05	57.5	59.5	54.0
25-08-2018	2:10	56.8	58.0	54.5
25-08-2018	2:15	57.7	59.0	55.0
25-08-2018	2:20	57.2	58.0	54.0
25-08-2018	2:25	55.6	57.0	53.5
25-08-2018	2:30	55.9	56.5	55.0
25-08-2018	2:35	55.4	56.0	54.5
25-08-2018	2:40	56.6	57.0	54.0
25-08-2018	2:45	54.6	55.5	53.0
25-08-2018	2:50	53.9	54.5	53.0
25-08-2018	2:55	54.9	56.5	53.5

Measured Noise Levels (dB(A)) at NM1 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
25-08-2018	3:00	55.2	55.5	54.5
25-08-2018	3:05	54.9	55.5	54.0
25-08-2018	3:10	54.4	55.0	53.5
25-08-2018	3:15	54.9	55.5	54.0
25-08-2018	3:20	54.4	55.0	53.5
25-08-2018	3:25	54.1	55.0	52.5
25-08-2018	3:30	53.6	54.5	52.5
25-08-2018	3:35	54.4	55.0	53.5
25-08-2018	3:40	54.9	55.5	53.0
25-08-2018	3:45	55.6	58.0	52.5
25-08-2018	3:50	55.6	57.0	53.0
25-08-2018	3:55	54.0	55.0	52.5
25-08-2018	4:00	53.2	54.0	52.0
25-08-2018	4:05	53.6	54.5	52.5
25-08-2018	4:10	53.0	53.5	52.0
25-08-2018	4:15	53.3	54.0	52.0
25-08-2018	4:20	53.6	54.5	52.5
25-08-2018	4:25	54.4	56.0	52.0
25-08-2018	4:30	55.7	57.5	52.0
25-08-2018	4:35	55.9	59.0	52.0
25-08-2018	4:40	54.9	56.0	52.0
25-08-2018	4:45	52.8	54.0	51.5
25-08-2018	4:50	52.7	53.5	51.5
25-08-2018	4:55	54.1	56.0	51.5
25-08-2018	5:00	54.0	55.0	51.5
25-08-2018	5:05	55.3	57.5	51.5
25-08-2018	5:10	52.3	53.0	51.0
25-08-2018	5:15	52.4	53.0	51.0
25-08-2018	5:20	51.9	52.5	51.0
25-08-2018	5:25	52.3	53.0	51.0
25-08-2018	5:30	55.9	58.5	51.5
25-08-2018	5:35	54.9	57.5	52.0
25-08-2018	5:40	53.0	54.0	51.5
25-08-2018	5:45	54.6	56.0	52.5
25-08-2018	5:50	53.4	54.5	51.5
25-08-2018	5:55	54.0	54.5	51.0
25-08-2018	6:00	56.1	59.5	51.5
25-08-2018	6:05	54.0	57.0	51.5
25-08-2018	6:10	52.3	53.0	51.0
25-08-2018	6:15	55.2	56.5	51.5
25-08-2018	6:20	56.8	57.0	52.0
25-08-2018	6:25	58.5	61.0	52.0
25-08-2018	6:30	58.7	62.0	51.5
25-08-2018	6:35	58.4	61.0	51.0
25-08-2018	6:40	56.3	57.0	51.0
25-08-2018	6:45	54.8	57.0	51.0
25-08-2018	6:50	52.9	53.5	50.5
25-08-2018	6:55	55.2	58.5	51.0



Measured Noise Levels (dB(A)) at NM1 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
25-08-2018	23:00	64.1	65.5	60.0
25-08-2018	23:05	56.2	56.5	55.0
25-08-2018	23:10	55.8	56.5	55.0
25-08-2018	23:15	57.1	58.0	55.5
25-08-2018	23:20	56.6	59.0	54.5
25-08-2018	23:25	58.3	61.0	55.0
25-08-2018	23:30	55.3	56.0	54.5
25-08-2018	23:35	55.3	56.0	54.5
25-08-2018	23:40	55.1	56.0	54.0
25-08-2018	23:45	56.2	56.5	55.5
25-08-2018	23:50	56.0	56.5	55.0
25-08-2018	23:55	56.2	56.5	55.5
26-08-2018	0:00	55.8	56.5	54.5
26-08-2018	0:05	57.9	59.5	55.0
26-08-2018	0:10	57.0	59.0	54.5
26-08-2018	0:15	55.1	55.5	54.5
26-08-2018	0:20	55.7	56.5	54.5
26-08-2018	0:25	56.6	59.0	54.5
26-08-2018	0:30	54.9	55.5	54.0
26-08-2018	0:35	55.1	55.5	54.5
26-08-2018	0:40	58.3	60.0	54.5
26-08-2018	0:45	55.3	55.5	54.5
26-08-2018	0:50	56.2	57.0	54.5
26-08-2018	0:55	54.5	55.0	53.5
26-08-2018	1:00	56.4	57.0	53.5
26-08-2018	1:05	55.7	56.5	54.0
26-08-2018	1:10	54.7	55.5	53.5
26-08-2018	1:15	55.0	55.5	53.5
26-08-2018	1:20	54.9	55.5	54.0
26-08-2018	1:25	54.6	55.5	53.5
26-08-2018	1:30	54.0	55.0	52.5
26-08-2018	1:35	54.4	55.0	53.5
26-08-2018	1:40	54.1	54.5	53.0
26-08-2018	1:45	54.2	55.0	53.0
26-08-2018	1:50	59.7	63.0	53.0
26-08-2018	1:55	53.9	54.5	53.0
26-08-2018	2:00	53.5	54.5	52.5
26-08-2018	2:05	57.6	59.5	53.5
26-08-2018	2:10	54.4	55.0	53.5
26-08-2018	2:15	54.2	55.0	52.5
26-08-2018	2:20	54.5	55.0	52.5
26-08-2018	2:25	53.8	54.5	52.5
26-08-2018	2:30	53.8	54.5	52.5
26-08-2018	2:35	54.4	55.5	53.0
26-08-2018	2:40	54.7	55.5	53.5
26-08-2018	2:45	54.4	55.0	53.0
26-08-2018	2:50	54.3	55.0	53.0
26-08-2018	2:55	54.2	55.0	53.0

Measured Noise Levels (dB(A)) at NM1 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
26-08-2018	3:00	58.5	61.0	53.0
26-08-2018	3:05	54.1	55.0	52.5
26-08-2018	3:10	56.5	58.0	53.0
26-08-2018	3:15	53.7	54.5	52.5
26-08-2018	3:20	52.7	53.5	51.5
26-08-2018	3:25	53.0	54.0	52.0
26-08-2018	3:30	53.0	53.5	52.0
26-08-2018	3:35	52.9	54.0	51.5
26-08-2018	3:40	53.0	53.5	52.0
26-08-2018	3:45	53.1	55.0	51.5
26-08-2018	3:50	51.6	52.0	50.5
26-08-2018	3:55	51.6	52.5	50.0
26-08-2018	4:00	51.9	53.0	50.0
26-08-2018	4:05	51.4	52.0	50.5
26-08-2018	4:10	51.8	53.0	50.5
26-08-2018	4:15	50.6	51.5	49.5
26-08-2018	4:20	57.2	60.0	50.0
26-08-2018	4:25	52.9	55.0	50.0
26-08-2018	4:30	56.4	61.0	50.5
26-08-2018	4:35	53.5	56.0	51.0
26-08-2018	4:40	53.9	57.0	51.0
26-08-2018	4:45	53.3	55.5	50.5
26-08-2018	4:50	53.2	56.0	50.5
26-08-2018	4:55	51.0	51.5	50.0
26-08-2018	5:00	53.6	53.0	50.0
26-08-2018	5:05	53.1	55.5	50.5
26-08-2018	5:10	51.9	53.0	50.0
26-08-2018	5:15	51.0	51.5	50.0
26-08-2018	5:20	53.0	55.0	50.5
26-08-2018	5:25	51.0	51.5	50.0
26-08-2018	5:30	51.8	53.5	50.0
26-08-2018	5:35	55.0	57.0	50.5
26-08-2018	5:40	52.0	54.0	50.0
26-08-2018	5:45	51.2	53.0	49.5
26-08-2018	5:50	53.7	55.0	51.5
26-08-2018	5:55	54.8	58.0	51.0
26-08-2018	6:00	53.7	56.5	50.5
26-08-2018	6:05	50.7	51.5	49.5
26-08-2018	6:10	50.4	51.0	49.5
26-08-2018	6:15	51.9	52.0	49.5
26-08-2018	6:20	54.8	58.0	49.5
26-08-2018	6:25	56.1	60.0	49.5
26-08-2018	6:30	52.7	53.5	49.0
26-08-2018	6:35	52.1	54.5	49.5
26-08-2018	6:40	50.5	51.0	49.5
26-08-2018	6:45	55.1	59.5	49.0
26-08-2018	6:50	53.3	56.0	49.0
26-08-2018	6:55	53.9	55.0	49.5

Measured Noise Levels (dB(A)) at NM1 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
26-08-2018	23:00	52.0	52.5	51.0
26-08-2018	23:05	62.6	66.0	54.5
26-08-2018	23:10	67.1	71.0	55.5
26-08-2018	23:15	62.0	64.0	58.0
26-08-2018	23:20	67.1	68.5	65.5
26-08-2018	23:25	70.4	72.0	67.0
26-08-2018	23:30	63.0	64.5	61.5
26-08-2018	23:35	65.4	66.0	62.5
26-08-2018	23:40	63.6	64.5	62.5
26-08-2018	23:45	60.9	62.5	57.5
26-08-2018	23:50	55.0	56.0	52.5
26-08-2018	23:55	63.3	67.0	54.5
27-08-2018	0:00	67.1	69.0	63.5
27-08-2018	0:05	62.6	63.5	60.5
27-08-2018	0:10	61.9	63.0	60.0
27-08-2018	0:15	58.0	60.0	55.5
27-08-2018	0:20	53.8	54.5	52.5
27-08-2018	0:25	53.6	55.0	52.0
27-08-2018	0:30	59.2	60.0	57.5
27-08-2018	0:35	58.5	60.0	56.5
27-08-2018	0:40	56.4	57.5	55.0
27-08-2018	0:45	54.5	55.5	52.5
27-08-2018	0:50	52.8	53.0	52.0
27-08-2018	0:55	52.7	54.5	51.0
27-08-2018	1:00	52.6	53.5	51.5
27-08-2018	1:05	52.9	53.5	51.5
27-08-2018	1:10	56.0	57.5	53.5
27-08-2018	1:15	57.6	58.5	56.0
27-08-2018	1:20	56.3	57.0	55.0
27-08-2018	1:25	54.0	55.5	52.5
27-08-2018	1:30	52.1	52.5	51.0
27-08-2018	1:35	52.3	53.5	51.0
27-08-2018	1:40	51.2	51.5	50.5
27-08-2018	1:45	52.3	53.0	51.0
27-08-2018	1:50	53.7	55.5	51.5
27-08-2018	1:55	52.9	54.0	51.5
27-08-2018	2:00	53.9	55.0	52.5
27-08-2018	2:05	53.4	54.5	51.5
27-08-2018	2:10	52.2	53.0	51.0
27-08-2018	2:15	51.9	52.5	51.0
27-08-2018	2:20	53.3	56.0	51.0
27-08-2018	2:25	53.2	54.0	52.0
27-08-2018	2:30	52.1	52.5	51.0
27-08-2018	2:35	51.8	52.5	51.0
27-08-2018	2:40	53.3	55.0	51.0
27-08-2018	2:45	51.8	52.5	50.5
27-08-2018	2:50	52.2	53.0	51.0
27-08-2018	2:55	53.1	54.0	51.5

Measured Noise Levels (dB(A)) at NM1 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
27-08-2018	3:00	52.6	53.5	51.5
27-08-2018	3:05	52.6	53.5	51.5
27-08-2018	3:10	53.0	54.0	51.5
27-08-2018	3:15	54.8	56.0	52.5
27-08-2018	3:20	53.3	54.5	52.0
27-08-2018	3:25	52.7	53.5	51.5
27-08-2018	3:30	52.5	53.0	51.0
27-08-2018	3:35	54.8	56.0	52.5
27-08-2018	3:40	53.6	54.5	51.5
27-08-2018	3:45	53.7	54.5	51.5
27-08-2018	3:50	52.1	53.0	51.0
27-08-2018	3:55	52.6	53.5	51.5
27-08-2018	4:00	52.6	53.0	51.5
27-08-2018	4:05	51.6	52.0	50.5
27-08-2018	4:10	52.0	53.0	51.0
27-08-2018	4:15	57.6	59.5	51.5
27-08-2018	4:20	52.5	53.5	50.0
27-08-2018	4:25	50.9	51.5	50.0
27-08-2018	4:30	51.8	53.0	50.5
27-08-2018	4:35	51.1	52.0	50.0
27-08-2018	4:40	53.7	56.0	50.0
27-08-2018	4:45	52.5	54.5	50.0
27-08-2018	4:50	54.0	57.0	50.5
27-08-2018	4:55	53.1	55.0	50.0
27-08-2018	5:00	51.5	52.0	50.5
27-08-2018	5:05	51.5	52.0	50.5
27-08-2018	5:10	52.0	52.5	51.0
27-08-2018	5:15	51.7	52.0	50.5
27-08-2018	5:20	51.2	51.5	50.5
27-08-2018	5:25	54.8	58.0	50.5
27-08-2018	5:30	52.1	53.0	50.5
27-08-2018	5:35	52.4	54.0	51.0
27-08-2018	5:40	52.0	52.5	50.5
27-08-2018	5:45	52.9	53.5	51.0
27-08-2018	5:50	55.3	58.5	51.5
27-08-2018	5:55	54.3	57.0	51.5
27-08-2018	6:00	52.6	53.0	51.5
27-08-2018	6:05	51.9	52.5	51.0
27-08-2018	6:10	56.3	60.0	51.0
27-08-2018	6:15	52.9	54.5	51.0
27-08-2018	6:20	53.1	56.5	50.0
27-08-2018	6:25	50.4	51.0	49.5
27-08-2018	6:30	52.6	55.5	50.0
27-08-2018	6:35	52.9	56.0	50.0
27-08-2018	6:40	52.3	54.0	50.0
27-08-2018	6:45	52.2	54.0	50.5
27-08-2018	6:50	51.9	52.5	51.0
27-08-2018	6:55	51.7	52.5	50.5

Measured Noise Levels (dB(A)) at NM1 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
27-08-2018	23:00	53.1	55.0	51.5
27-08-2018	23:05	52.0	52.5	51.0
27-08-2018	23:10	57.0	60.0	51.5
27-08-2018	23:15	56.7	58.5	52.5
27-08-2018	23:20	54.9	56.0	52.0
27-08-2018	23:25	54.9	56.0	53.0
27-08-2018	23:30	54.2	55.0	53.0
27-08-2018	23:35	53.6	54.5	52.5
27-08-2018	23:40	53.9	55.0	52.5
27-08-2018	23:45	54.4	55.5	53.0
27-08-2018	23:50	56.9	59.5	52.5
27-08-2018	23:55	54.2	55.5	52.5
28-08-2018	0:00	55.9	57.0	54.0
28-08-2018	0:05	56.4	58.5	54.0
28-08-2018	0:10	56.0	56.0	53.5
28-08-2018	0:15	54.5	55.5	52.5
28-08-2018	0:20	52.9	54.5	50.5
28-08-2018	0:25	63.1	66.0	56.5
28-08-2018	0:30	69.2	73.0	62.0
28-08-2018	0:35	69.2	73.0	61.5
28-08-2018	0:40	68.5	72.0	55.0
28-08-2018	0:45	52.3	53.0	51.5
28-08-2018	0:50	52.8	53.5	51.5
28-08-2018	0:55	52.4	53.0	51.5
28-08-2018	1:00	52.2	53.0	50.5
28-08-2018	1:05	53.2	54.5	51.0
28-08-2018	1:10	54.3	55.5	52.5
28-08-2018	1:15	54.2	55.0	53.0
28-08-2018	1:20	53.6	54.5	52.0
28-08-2018	1:25	53.6	54.5	52.0
28-08-2018	1:30	53.2	54.0	51.5
28-08-2018	1:35	53.0	54.0	51.5
28-08-2018	1:40	54.0	55.5	52.5
28-08-2018	1:45	52.9	53.5	51.5
28-08-2018	1:50	53.2	54.0	52.0
28-08-2018	1:55	53.4	54.0	52.0
28-08-2018	2:00	53.1	54.0	52.0
28-08-2018	2:05	52.9	53.5	52.0
28-08-2018	2:10	52.9	53.5	52.0
28-08-2018	2:15	52.4	53.0	51.5
28-08-2018	2:20	51.5	52.5	50.5
28-08-2018	2:25	52.1	53.0	50.5
28-08-2018	2:30	52.8	55.0	50.5
28-08-2018	2:35	52.7	55.0	50.5
28-08-2018	2:40	51.3	52.0	50.0
28-08-2018	2:45	52.0	52.5	50.5
28-08-2018	2:50	50.8	51.5	49.5
28-08-2018	2:55	51.0	52.0	50.0

Measured Noise Levels (dB(A)) at NM1 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
28-08-2018	3:00	50.8	51.5	50.0
28-08-2018	3:05	51.6	52.5	50.0
28-08-2018	3:10	51.8	52.5	51.0
28-08-2018	3:15	51.7	52.5	50.5
28-08-2018	3:20	51.9	52.5	51.0
28-08-2018	3:25	52.9	54.0	51.0
28-08-2018	3:30	54.7	55.5	51.0
28-08-2018	3:35	52.1	53.0	51.0
28-08-2018	3:40	51.8	52.5	50.5
28-08-2018	3:45	52.1	53.5	50.5
28-08-2018	3:50	54.2	57.5	50.5
28-08-2018	3:55	51.4	52.0	50.5
28-08-2018	4:00	51.7	52.0	51.0
28-08-2018	4:05	51.9	52.5	51.0
28-08-2018	4:10	53.9	56.0	50.5
28-08-2018	4:15	51.9	52.5	51.0
28-08-2018	4:20	58.4	61.5	53.5
28-08-2018	4:25	52.0	53.0	51.0
28-08-2018	4:30	52.0	53.0	50.5
28-08-2018	4:35	52.0	53.0	50.5
28-08-2018	4:40	52.0	53.0	50.5
28-08-2018	4:45	51.6	52.5	50.5
28-08-2018	4:50	51.2	52.0	50.0
28-08-2018	4:55	51.7	52.5	50.5
28-08-2018	5:00	51.6	52.5	50.0
28-08-2018	5:05	52.0	53.0	50.5
28-08-2018	5:10	51.9	52.5	50.5
28-08-2018	5:15	52.2	53.5	50.5
28-08-2018	5:20	52.2	53.0	51.0
28-08-2018	5:25	52.3	53.0	51.0
28-08-2018	5:30	52.6	53.5	51.5
28-08-2018	5:35	53.1	54.0	52.0
28-08-2018	5:40	53.0	54.0	52.0
28-08-2018	5:45	53.0	54.0	52.0
28-08-2018	5:50	51.7	52.5	51.0
28-08-2018	5:55	52.6	53.5	51.5
28-08-2018	6:00	53.7	55.0	51.5
28-08-2018	6:05	52.0	52.5	51.0
28-08-2018	6:10	51.4	52.0	50.5
28-08-2018	6:15	51.2	51.5	49.5
28-08-2018	6:20	51.2	52.0	50.0
28-08-2018	6:25	50.5	51.0	49.5
28-08-2018	6:30	50.6	51.0	50.0
28-08-2018	6:35	50.9	51.5	50.0
28-08-2018	6:40	50.3	50.5	49.5
28-08-2018	6:45	50.4	50.5	50.0
28-08-2018	6:50	50.7	51.0	50.0
28-08-2018	6:55	52.2	52.0	50.5

Measured Noise Levels (dB(A)) at NM1 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
28-08-2018	23:00	54.5	55.5	53.0
28-08-2018	23:05	53.6	55.0	51.5
28-08-2018	23:10	53.3	54.5	51.0
28-08-2018	23:15	53.3	54.5	51.5
28-08-2018	23:20	52.9	54.5	51.0
28-08-2018	23:25	51.2	52.5	48.5
28-08-2018	23:30	52.8	53.0	49.0
28-08-2018	23:35	52.1	53.5	50.0
28-08-2018	23:40	52.2	53.5	50.0
28-08-2018	23:45	52.9	54.5	50.5
28-08-2018	23:50	52.2	54.0	49.5
28-08-2018	23:55	51.5	53.0	49.0
29-08-2018	0:00	51.5	53.5	49.0
29-08-2018	0:05	51.0	52.0	49.5
29-08-2018	0:10	51.0	52.5	48.5
29-08-2018	0:15	51.3	52.5	49.5
29-08-2018	0:20	52.7	54.0	51.0
29-08-2018	0:25	52.0	53.0	50.5
29-08-2018	0:30	52.2	53.5	50.5
29-08-2018	0:35	53.6	55.5	50.0
29-08-2018	0:40	51.8	53.5	49.5
29-08-2018	0:45	51.9	53.5	49.5
29-08-2018	0:50	51.8	53.0	50.0
29-08-2018	0:55	52.3	53.5	50.5
29-08-2018	1:00	53.1	54.5	51.0
29-08-2018	1:05	53.6	54.5	52.0
29-08-2018	1:10	53.7	55.0	51.5
29-08-2018	1:15	53.0	54.5	50.5
29-08-2018	1:20	52.9	54.0	51.0
29-08-2018	1:25	56.4	60.5	51.5
29-08-2018	1:30	52.4	53.5	50.5
29-08-2018	1:35	51.8	53.0	50.0
29-08-2018	1:40	52.3	53.5	50.5
29-08-2018	1:45	53.3	55.0	50.5
29-08-2018	1:50	54.1	56.5	50.0
29-08-2018	1:55	53.3	55.5	49.5
29-08-2018	2:00	51.5	52.5	49.5
29-08-2018	2:05	51.7	53.0	49.5
29-08-2018	2:10	51.5	52.5	49.5
29-08-2018	2:15	51.6	53.0	49.5
29-08-2018	2:20	51.6	53.0	50.0
29-08-2018	2:25	52.6	54.0	51.0
29-08-2018	2:30	52.3	53.5	50.5
29-08-2018	2:35	56.0	59.0	50.0
29-08-2018	2:40	51.3	52.5	49.5
29-08-2018	2:45	52.4	54.5	49.5
29-08-2018	2:50	51.6	53.0	49.5
29-08-2018	2:55	51.5	53.0	49.5

Measured Noise Levels (dB(A)) at NM1 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
29-08-2018	3:00	51.5	52.5	50.0
29-08-2018	3:05	51.2	52.5	49.5
29-08-2018	3:10	51.8	53.0	50.0
29-08-2018	3:15	51.3	52.5	49.5
29-08-2018	3:20	51.7	52.5	49.5
29-08-2018	3:25	52.3	53.0	51.0
29-08-2018	3:30	51.1	52.0	50.0
29-08-2018	3:35	51.6	52.5	50.0
29-08-2018	3:40	52.3	53.0	51.0
29-08-2018	3:45	52.1	53.0	50.5
29-08-2018	3:50	51.7	52.5	50.5
29-08-2018	3:55	52.2	54.0	50.5
29-08-2018	4:00	52.0	53.0	50.5
29-08-2018	4:05	52.7	53.0	50.5
29-08-2018	4:10	52.8	53.5	50.5
29-08-2018	4:15	53.6	55.0	50.5
29-08-2018	4:20	55.7	58.0	50.0
29-08-2018	4:25	54.4	56.0	50.0
29-08-2018	4:30	51.4	52.5	50.0
29-08-2018	4:35	54.1	57.0	50.0
29-08-2018	4:40	51.9	54.0	49.5
29-08-2018	4:45	50.1	51.0	49.0
29-08-2018	4:50	50.0	50.5	49.0
29-08-2018	4:55	50.3	51.0	49.5
29-08-2018	5:00	51.2	52.5	50.0
29-08-2018	5:05	52.2	53.0	50.5
29-08-2018	5:10	51.2	52.5	49.5
29-08-2018	5:15	54.1	56.5	50.0
29-08-2018	5:20	54.1	53.5	49.5
29-08-2018	5:25	50.6	51.5	49.5
29-08-2018	5:30	50.3	51.0	49.0
29-08-2018	5:35	53.9	56.5	49.0
29-08-2018	5:40	53.4	54.5	49.0
29-08-2018	5:45	53.7	53.5	49.0
29-08-2018	5:50	52.2	53.0	49.5
29-08-2018	5:55	51.1	52.0	49.5
29-08-2018	6:00	52.4	54.0	50.0
29-08-2018	6:05	52.5	55.0	49.0
29-08-2018	6:10	50.6	51.5	49.0
29-08-2018	6:15	53.9	57.5	49.0
29-08-2018	6:20	52.1	54.5	49.0
29-08-2018	6:25	52.9	55.0	49.5
29-08-2018	6:30	50.2	51.0	48.5
29-08-2018	6:35	50.0	51.0	48.5
29-08-2018	6:40	51.2	52.5	49.0
29-08-2018	6:45	52.2	54.0	49.0
29-08-2018	6:50	53.8	55.0	48.5
29-08-2018	6:55	51.3	53.5	49.0

Measured Noise Levels (dB(A)) at NM1 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
29-08-2018	23:00	55.2	56.0	54.0
29-08-2018	23:05	54.3	55.5	53.0
29-08-2018	23:10	56.2	57.5	53.0
29-08-2018	23:15	56.9	57.5	56.0
29-08-2018	23:20	55.5	57.0	52.0
29-08-2018	23:25	53.5	54.5	52.0
29-08-2018	23:30	52.7	53.5	51.5
29-08-2018	23:35	57.3	61.0	51.5
29-08-2018	23:40	60.6	61.0	60.0
29-08-2018	23:45	61.3	62.0	60.0
29-08-2018	23:50	55.3	59.5	51.5
29-08-2018	23:55	53.0	54.0	51.5
30-08-2018	0:00	52.7	53.5	51.5
30-08-2018	0:05	54.8	57.5	51.5
30-08-2018	0:10	55.2	57.0	52.0
30-08-2018	0:15	56.6	59.5	52.0
30-08-2018	0:20	53.1	54.0	52.0
30-08-2018	0:25	52.9	53.5	51.5
30-08-2018	0:30	52.2	53.0	51.0
30-08-2018	0:35	53.0	54.5	51.0
30-08-2018	0:40	52.8	53.5	51.5
30-08-2018	0:45	53.4	54.0	52.0
30-08-2018	0:50	54.3	55.0	52.0
30-08-2018	0:55	52.7	53.5	51.0
30-08-2018	1:00	61.1	64.0	53.0
30-08-2018	1:05	57.5	58.0	56.5
30-08-2018	1:10	53.0	54.0	51.5
30-08-2018	1:15	51.5	52.5	50.0
30-08-2018	1:20	51.3	52.5	50.0
30-08-2018	1:25	51.8	53.0	50.0
30-08-2018	1:30	51.4	52.5	50.0
30-08-2018	1:35	52.6	54.5	50.0
30-08-2018	1:40	52.0	53.0	50.5
30-08-2018	1:45	52.3	53.5	51.0
30-08-2018	1:50	52.2	53.5	50.5
30-08-2018	1:55	52.7	54.0	51.0
30-08-2018	2:00	53.0	54.5	51.0
30-08-2018	2:05	54.9	55.5	54.0
30-08-2018	2:10	55.1	56.5	52.0
30-08-2018	2:15	54.5	57.5	51.0
30-08-2018	2:20	53.3	54.5	51.5
30-08-2018	2:25	53.6	55.0	51.5
30-08-2018	2:30	53.4	55.0	51.0
30-08-2018	2:35	53.2	54.5	51.0
30-08-2018	2:40	52.7	54.0	50.5
30-08-2018	2:45	53.1	54.0	51.5
30-08-2018	2:50	53.1	54.5	50.5
30-08-2018	2:55	53.1	55.0	50.5

Measured Noise Levels (dB(A)) at NM1 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
30-08-2018	3:00	52.2	53.5	50.5
30-08-2018	3:05	53.8	55.5	51.0
30-08-2018	3:10	53.8	55.0	52.0
30-08-2018	3:15	53.2	54.0	51.5
30-08-2018	3:20	53.3	55.0	51.0
30-08-2018	3:25	52.3	53.0	51.0
30-08-2018	3:30	53.0	54.0	51.5
30-08-2018	3:35	52.7	54.0	51.0
30-08-2018	3:40	52.4	54.0	50.0
30-08-2018	3:45	53.4	55.0	51.0
30-08-2018	3:50	53.2	55.0	50.5
30-08-2018	3:55	53.4	55.0	50.5
30-08-2018	4:00	53.8	55.5	51.0
30-08-2018	4:05	55.0	56.5	50.5
30-08-2018	4:10	54.5	57.5	50.5
30-08-2018	4:15	52.8	54.0	51.0
30-08-2018	4:20	52.0	53.0	50.5
30-08-2018	4:25	51.7	53.0	50.0
30-08-2018	4:30	51.1	52.0	49.5
30-08-2018	4:35	53.4	56.0	50.5
30-08-2018	4:40	53.3	55.0	50.5
30-08-2018	4:45	51.7	53.0	50.0
30-08-2018	4:50	51.7	53.0	50.0
30-08-2018	4:55	51.2	52.5	49.5
30-08-2018	5:00	51.0	52.0	50.0
30-08-2018	5:05	51.0	51.5	50.0
30-08-2018	5:10	54.0	55.0	50.5
30-08-2018	5:15	54.1	55.5	51.5
30-08-2018	5:20	53.2	54.5	51.5
30-08-2018	5:25	53.6	55.0	52.0
30-08-2018	5:30	56.3	58.5	52.0
30-08-2018	5:35	58.0	60.5	51.0
30-08-2018	5:40	56.8	61.0	51.0
30-08-2018	5:45	54.2	55.5	52.5
30-08-2018	5:50	56.7	58.5	53.0
30-08-2018	5:55	55.5	58.0	52.0
30-08-2018	6:00	56.7	56.5	52.5
30-08-2018	6:05	55.2	57.0	53.0
30-08-2018	6:10	55.8	57.5	52.0
30-08-2018	6:15	54.8	56.5	52.0
30-08-2018	6:20	54.2	54.5	50.5
30-08-2018	6:25	54.7	58.0	50.5
30-08-2018	6:30	53.3	55.5	49.5
30-08-2018	6:35	54.5	56.5	50.5
30-08-2018	6:40	55.0	55.5	50.0
30-08-2018	6:45	51.1	52.0	49.5
30-08-2018	6:50	54.1	54.5	49.5
30-08-2018	6:55	56.6	59.5	51.0

Measured Noise Levels (dB(A)) at NM1 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
30-08-2018	23:00	54.4	55.5	53.0
30-08-2018	23:05	54.7	55.5	53.0
30-08-2018	23:10	54.4	55.5	53.0
30-08-2018	23:15	54.6	55.5	53.0
30-08-2018	23:20	55.6	57.5	53.5
30-08-2018	23:25	55.2	56.5	53.5
30-08-2018	23:30	54.3	55.5	52.5
30-08-2018	23:35	55.3	56.5	53.5
30-08-2018	23:40	56.0	58.0	53.5
30-08-2018	23:45	55.3	57.0	53.0
30-08-2018	23:50	54.9	56.5	52.5
30-08-2018	23:55	55.3	57.0	53.0
31-08-2018	0:00	55.7	57.5	53.0
31-08-2018	0:05	55.4	58.0	52.0
31-08-2018	0:10	54.0	55.0	52.0
31-08-2018	0:15	53.9	55.0	52.0
31-08-2018	0:20	56.0	58.0	53.0
31-08-2018	0:25	56.5	57.5	53.0
31-08-2018	0:30	56.3	58.5	53.5
31-08-2018	0:35	58.6	62.0	54.0
31-08-2018	0:40	52.8	54.5	51.0
31-08-2018	0:45	53.8	54.5	52.5
31-08-2018	0:50	53.3	54.0	52.0
31-08-2018	0:55	53.1	54.0	52.0
31-08-2018	1:00	53.1	54.0	51.5
31-08-2018	1:05	54.0	55.0	52.0
31-08-2018	1:10	54.5	55.5	53.0
31-08-2018	1:15	54.1	55.0	52.5
31-08-2018	1:20	54.9	56.5	52.5
31-08-2018	1:25	53.1	54.5	51.5
31-08-2018	1:30	53.1	54.0	51.5
31-08-2018	1:35	54.1	55.0	52.5
31-08-2018	1:40	54.3	55.5	52.5
31-08-2018	1:45	55.5	56.5	53.5
31-08-2018	1:50	54.6	55.5	53.0
31-08-2018	1:55	56.9	58.0	53.0
31-08-2018	2:00	55.2	56.0	53.5
31-08-2018	2:05	55.4	56.5	53.5
31-08-2018	2:10	56.1	57.5	53.5
31-08-2018	2:15	55.3	56.0	54.0
31-08-2018	2:20	55.4	56.5	54.0
31-08-2018	2:25	55.2	56.0	53.5
31-08-2018	2:30	54.6	55.5	53.0
31-08-2018	2:35	53.8	55.0	52.0
31-08-2018	2:40	53.9	55.0	52.0
31-08-2018	2:45	54.3	55.5	52.5
31-08-2018	2:50	55.5	55.5	53.0
31-08-2018	2:55	54.8	55.5	53.5

Measured Noise Levels (dB(A)) at NM1 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
31-08-2018	3:00	53.8	55.0	52.0
31-08-2018	3:05	53.3	55.0	51.0
31-08-2018	3:10	53.6	54.5	52.0
31-08-2018	3:15	53.8	55.0	52.0
31-08-2018	3:20	54.1	55.5	52.5
31-08-2018	3:25	53.6	54.5	52.0
31-08-2018	3:30	53.6	54.5	52.0
31-08-2018	3:35	53.4	54.5	51.5
31-08-2018	3:40	53.5	55.0	51.5
31-08-2018	3:45	52.4	53.5	51.0
31-08-2018	3:50	52.4	53.5	50.5
31-08-2018	3:55	53.2	54.0	51.5
31-08-2018	4:00	53.3	54.5	51.0
31-08-2018	4:05	53.6	54.5	51.0
31-08-2018	4:10	53.9	57.5	51.0
31-08-2018	4:15	53.6	56.0	51.5
31-08-2018	4:20	52.3	53.0	51.5
31-08-2018	4:25	52.9	54.0	51.0
31-08-2018	4:30	53.3	54.5	51.5
31-08-2018	4:35	52.6	54.0	51.0
31-08-2018	4:40	53.8	56.0	51.0
31-08-2018	4:45	60.2	64.0	52.0
31-08-2018	4:50	57.2	60.5	52.0
31-08-2018	4:55	54.4	57.0	51.0
31-08-2018	5:00	54.5	57.5	51.0
31-08-2018	5:05	53.1	54.5	51.0
31-08-2018	5:10	53.5	55.0	51.5
31-08-2018	5:15	54.4	56.5	51.5
31-08-2018	5:20	54.1	56.5	51.5
31-08-2018	5:25	52.9	54.5	51.0
31-08-2018	5:30	54.6	57.0	51.5
31-08-2018	5:35	59.2	63.5	51.0
31-08-2018	5:40	58.5	60.5	52.0
31-08-2018	5:45	54.5	57.0	51.5
31-08-2018	5:50	54.6	57.0	51.5
31-08-2018	5:55	53.0	53.5	51.0
31-08-2018	6:00	51.9	52.5	50.5
31-08-2018	6:05	53.7	55.0	51.0
31-08-2018	6:10	55.7	58.5	50.5
31-08-2018	6:15	56.3	59.5	50.5
31-08-2018	6:20	55.0	55.5	50.5
31-08-2018	6:25	55.0	57.5	50.5
31-08-2018	6:30	51.6	52.5	50.5
31-08-2018	6:35	52.3	54.0	50.0
31-08-2018	6:40	51.4	52.5	50.0
31-08-2018	6:45	50.3	51.0	49.0
31-08-2018	6:50	51.1	52.0	49.5
31-08-2018	6:55	50.5	51.5	49.5

Measured Noise Levels (dB(A)) at NM1 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
31-08-2018	23:00	51.3	52.5	49.5
31-08-2018	23:05	51.4	52.5	49.5
31-08-2018	23:10	52.5	54.0	50.0
31-08-2018	23:15	52.1	53.5	50.5
31-08-2018	23:20	58.4	63.0	51.0
31-08-2018	23:25	54.3	54.5	51.5
31-08-2018	23:30	52.6	54.0	51.0
31-08-2018	23:35	52.3	53.5	50.5
31-08-2018	23:40	52.8	54.0	51.0
31-08-2018	23:45	52.0	53.0	50.5
31-08-2018	23:50	52.6	53.5	51.0
31-08-2018	23:55	52.2	53.0	51.0
01-09-2018	0:00	52.1	53.0	50.5
01-09-2018	0:05	52.1	53.5	50.0
01-09-2018	0:10	52.6	54.0	50.5
01-09-2018	0:15	52.9	54.0	51.0
01-09-2018	0:20	52.9	54.0	51.0
01-09-2018	0:25	54.0	54.5	52.5
01-09-2018	0:30	53.9	55.5	51.5
01-09-2018	0:35	54.1	55.5	52.0
01-09-2018	0:40	54.8	56.0	53.0
01-09-2018	0:45	54.8	56.0	52.5
01-09-2018	0:50	54.6	56.0	52.5
01-09-2018	0:55	53.8	55.0	51.5
01-09-2018	1:00	53.9	55.0	52.0
01-09-2018	1:05	54.0	55.0	52.0
01-09-2018	1:10	53.8	55.0	52.0
01-09-2018	1:15	55.5	57.0	53.0
01-09-2018	1:20	53.5	54.5	51.5
01-09-2018	1:25	54.1	55.5	52.0
01-09-2018	1:30	54.2	55.5	52.0
01-09-2018	1:35	53.8	55.0	52.0
01-09-2018	1:40	54.4	56.0	52.0
01-09-2018	1:45	53.4	54.5	51.5
01-09-2018	1:50	53.8	55.0	52.0
01-09-2018	1:55	53.7	55.0	52.0
01-09-2018	2:00	52.6	54.0	51.0
01-09-2018	2:05	53.0	54.5	51.0
01-09-2018	2:10	53.0	54.0	51.0
01-09-2018	2:15	52.2	53.5	50.0
01-09-2018	2:20	52.4	54.0	50.5
01-09-2018	2:25	52.0	53.5	50.0
01-09-2018	2:30	52.2	54.0	50.0
01-09-2018	2:35	52.0	53.5	50.0
01-09-2018	2:40	51.8	53.0	50.0
01-09-2018	2:45	51.9	53.0	50.5
01-09-2018	2:50	52.5	53.5	50.5
01-09-2018	2:55	50.7	52.0	49.0

Measured Noise Levels (dB(A)) at NM1 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
01-09-2018	3:00	51.0	52.0	49.5
01-09-2018	3:05	50.9	52.0	49.5
01-09-2018	3:10	50.9	52.0	49.0
01-09-2018	3:15	52.1	54.0	49.5
01-09-2018	3:20	52.1	53.5	50.0
01-09-2018	3:25	51.5	52.5	49.5
01-09-2018	3:30	50.8	52.0	49.0
01-09-2018	3:35	50.2	51.0	48.5
01-09-2018	3:40	49.7	50.5	48.5
01-09-2018	3:45	50.1	51.5	48.5
01-09-2018	3:50	51.6	53.0	50.0
01-09-2018	3:55	52.7	54.0	51.0
01-09-2018	4:00	51.9	53.5	48.5
01-09-2018	4:05	49.5	50.5	48.5
01-09-2018	4:10	49.5	50.5	48.0
01-09-2018	4:15	48.7	49.0	48.0
01-09-2018	4:20	48.7	49.0	48.0
01-09-2018	4:25	48.8	49.0	48.0
01-09-2018	4:30	48.7	49.0	48.0
01-09-2018	4:35	49.0	49.5	48.0
01-09-2018	4:40	49.2	49.5	48.5
01-09-2018	4:45	49.5	50.0	49.0
01-09-2018	4:50	49.5	50.0	49.0
01-09-2018	4:55	49.1	49.5	48.5
01-09-2018	5:00	49.4	50.0	48.5
01-09-2018	5:05	49.2	49.5	48.5
01-09-2018	5:10	49.3	49.5	48.5
01-09-2018	5:15	49.5	50.0	49.0
01-09-2018	5:20	50.0	50.5	49.5
01-09-2018	5:25	50.0	50.5	49.0
01-09-2018	5:30	49.5	50.0	48.5
01-09-2018	5:35	50.5	51.0	49.5
01-09-2018	5:40	49.5	50.0	48.5
01-09-2018	5:45	48.9	50.0	47.5
01-09-2018	5:50	49.8	50.0	49.0
01-09-2018	5:55	49.6	50.0	49.0
01-09-2018	6:00	49.4	50.0	48.5
01-09-2018	6:05	48.5	49.0	47.5
01-09-2018	6:10	48.5	49.0	47.5
01-09-2018	6:15	58.5	63.0	47.0
01-09-2018	6:20	47.3	48.0	46.5
01-09-2018	6:25	48.2	49.0	47.0
01-09-2018	6:30	48.4	49.0	47.0
01-09-2018	6:35	50.3	51.5	48.5
01-09-2018	6:40	52.1	53.5	50.5
01-09-2018	6:45	51.9	53.5	49.5
01-09-2018	6:50	50.5	52.0	48.5
01-09-2018	6:55	51.1	52.5	48.5



Measured Noise Levels (dB(A)) at NM1 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
01-09-2018	23:00	51.9	53.0	50.0
01-09-2018	23:05	51.2	52.5	49.0
01-09-2018	23:10	52.6	55.0	49.0
01-09-2018	23:15	51.9	54.5	48.5
01-09-2018	23:20	51.8	54.0	49.0
01-09-2018	23:25	53.2	55.5	49.5
01-09-2018	23:30	52.4	54.5	49.5
01-09-2018	23:35	52.5	54.5	50.0
01-09-2018	23:40	52.7	54.5	50.0
01-09-2018	23:45	53.8	55.5	50.5
01-09-2018	23:50	53.0	55.0	50.0
01-09-2018	23:55	51.7	53.0	50.0
02-09-2018	0:00	53.0	55.0	50.0
02-09-2018	0:05	52.2	53.0	50.5
02-09-2018	0:10	51.6	53.0	50.0
02-09-2018	0:15	50.3	51.5	48.5
02-09-2018	0:20	50.7	51.5	49.5
02-09-2018	0:25	50.6	51.5	49.5
02-09-2018	0:30	51.5	52.5	50.0
02-09-2018	0:35	52.6	55.0	49.5
02-09-2018	0:40	51.2	52.5	49.5
02-09-2018	0:45	50.8	53.0	48.5
02-09-2018	0:50	50.0	51.0	48.5
02-09-2018	0:55	50.7	52.0	48.5
02-09-2018	1:00	50.6	52.5	48.5
02-09-2018	1:05	51.0	53.5	48.0
02-09-2018	1:10	49.9	51.0	48.0
02-09-2018	1:15	49.8	51.0	48.5
02-09-2018	1:20	49.0	50.5	47.5
02-09-2018	1:25	47.9	49.0	46.0
02-09-2018	1:30	48.4	50.0	46.0
02-09-2018	1:35	50.4	52.5	47.5
02-09-2018	1:40	48.4	49.0	47.5
02-09-2018	1:45	49.2	49.5	48.5
02-09-2018	1:50	49.5	51.5	48.0
02-09-2018	1:55	49.5	50.5	48.5
02-09-2018	2:00	50.5	52.0	49.0
02-09-2018	2:05	50.1	51.5	48.5
02-09-2018	2:10	50.3	51.5	49.0
02-09-2018	2:15	49.7	50.0	49.0
02-09-2018	2:20	49.7	50.0	49.0
02-09-2018	2:25	48.6	49.5	47.5
02-09-2018	2:30	48.2	49.0	47.0
02-09-2018	2:35	49.2	50.5	47.5
02-09-2018	2:40	48.6	49.0	47.5
02-09-2018	2:45	49.0	50.5	47.5
02-09-2018	2:50	48.3	49.5	46.5
02-09-2018	2:55	49.7	51.0	48.0

Measured Noise Levels (dB(A)) at NM1 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
02-09-2018	3:00	48.4	49.5	47.0
02-09-2018	3:05	48.2	49.5	46.5
02-09-2018	3:10	47.6	48.5	46.5
02-09-2018	3:15	47.7	48.0	46.5
02-09-2018	3:20	47.6	48.0	47.0
02-09-2018	3:25	47.8	48.0	47.0
02-09-2018	3:30	48.5	50.0	47.0
02-09-2018	3:35	48.3	48.5	47.5
02-09-2018	3:40	49.5	50.0	49.0
02-09-2018	3:45	49.1	49.5	48.5
02-09-2018	3:50	49.2	49.5	48.5
02-09-2018	3:55	49.7	50.5	48.5
02-09-2018	4:00	48.9	49.5	48.0
02-09-2018	4:05	48.9	49.5	48.0
02-09-2018	4:10	49.2	50.0	48.0
02-09-2018	4:15	49.2	51.0	47.5
02-09-2018	4:20	48.4	49.0	47.5
02-09-2018	4:25	48.4	48.5	47.5
02-09-2018	4:30	49.7	51.0	48.0
02-09-2018	4:35	49.1	50.0	48.0
02-09-2018	4:40	50.6	52.5	48.5
02-09-2018	4:45	49.8	51.0	48.5
02-09-2018	4:50	49.6	51.0	48.0
02-09-2018	4:55	49.6	51.0	48.0
02-09-2018	5:00	49.9	51.5	48.5
02-09-2018	5:05	49.0	50.0	48.0
02-09-2018	5:10	50.4	52.5	48.0
02-09-2018	5:15	49.5	51.0	48.0
02-09-2018	5:20	48.4	48.5	47.5
02-09-2018	5:25	48.6	49.0	47.5
02-09-2018	5:30	49.5	51.0	48.0
02-09-2018	5:35	50.2	51.5	48.5
02-09-2018	5:40	49.3	51.0	47.5
02-09-2018	5:45	48.2	48.5	47.5
02-09-2018	5:50	49.1	50.0	47.5
02-09-2018	5:55	48.3	49.0	47.0
02-09-2018	6:00	48.2	49.0	47.0
02-09-2018	6:05	48.2	48.5	46.5
02-09-2018	6:10	47.2	47.5	46.5
02-09-2018	6:15	47.4	48.0	46.5
02-09-2018	6:20	48.1	49.5	46.5
02-09-2018	6:25	46.7	47.0	46.0
02-09-2018	6:30	47.0	47.5	46.0
02-09-2018	6:35	46.6	47.0	45.5
02-09-2018	6:40	47.0	47.5	46.0
02-09-2018	6:45	46.8	47.5	46.0
02-09-2018	6:50	46.9	47.5	46.0
02-09-2018	6:55	47.2	47.5	46.5

Measured Noise Levels (dB(A)) at NM1 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
02-09-2018	23:00	54.7	55.5	53.5
02-09-2018	23:05	54.4	55.5	53.0
02-09-2018	23:10	53.6	54.5	52.5
02-09-2018	23:15	55.5	57.5	53.0
02-09-2018	23:20	54.5	56.0	52.5
02-09-2018	23:25	52.6	53.5	51.0
02-09-2018	23:30	52.7	53.5	51.5
02-09-2018	23:35	52.7	54.0	51.5
02-09-2018	23:40	53.6	56.0	51.5
02-09-2018	23:45	52.1	53.0	51.0
02-09-2018	23:50	53.2	55.0	51.0
02-09-2018	23:55	53.1	54.0	51.5
03-09-2018	0:00	52.0	53.0	50.5
03-09-2018	0:05	51.2	52.0	50.0
03-09-2018	0:10	51.3	52.0	50.0
03-09-2018	0:15	52.0	53.5	50.5
03-09-2018	0:20	52.7	54.0	51.0
03-09-2018	0:25	53.4	55.5	51.0
03-09-2018	0:30	51.8	52.5	51.0
03-09-2018	0:35	52.1	52.5	51.0
03-09-2018	0:40	52.6	53.5	51.5
03-09-2018	0:45	52.1	52.5	51.0
03-09-2018	0:50	52.0	52.5	51.0
03-09-2018	0:55	52.2	53.0	51.5
03-09-2018	1:00	52.0	52.5	51.0
03-09-2018	1:05	52.2	53.0	51.0
03-09-2018	1:10	54.1	57.0	51.5
03-09-2018	1:15	52.7	53.5	51.5
03-09-2018	1:20	53.4	54.5	52.0
03-09-2018	1:25	53.8	55.0	52.5
03-09-2018	1:30	53.4	54.0	52.0
03-09-2018	1:35	52.9	53.5	52.0
03-09-2018	1:40	54.2	55.5	52.5
03-09-2018	1:45	52.7	53.5	51.5
03-09-2018	1:50	53.3	54.5	51.5
03-09-2018	1:55	52.8	54.5	51.0
03-09-2018	2:00	51.9	53.0	50.0
03-09-2018	2:05	55.6	60.0	51.0
03-09-2018	2:10	53.4	55.0	50.5
03-09-2018	2:15	51.5	52.5	50.0
03-09-2018	2:20	51.3	52.5	50.0
03-09-2018	2:25	49.7	50.5	48.5
03-09-2018	2:30	50.1	51.0	48.5
03-09-2018	2:35	50.6	51.5	49.0
03-09-2018	2:40	50.7	51.5	50.0
03-09-2018	2:45	51.6	52.5	50.5
03-09-2018	2:50	51.6	52.0	51.0
03-09-2018	2:55	50.3	50.5	49.5

Measured Noise Levels (dB(A)) at NM1 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
03-09-2018	3:00	51.1	51.5	50.0
03-09-2018	3:05	52.2	53.0	51.0
03-09-2018	3:10	51.9	52.5	51.0
03-09-2018	3:15	50.7	51.5	49.5
03-09-2018	3:20	51.2	51.5	50.5
03-09-2018	3:25	51.1	51.5	50.5
03-09-2018	3:30	51.4	52.0	50.5
03-09-2018	3:35	51.9	52.5	50.5
03-09-2018	3:40	52.0	52.5	51.0
03-09-2018	3:45	52.4	53.0	51.0
03-09-2018	3:50	52.3	53.0	51.0
03-09-2018	3:55	52.0	52.5	51.0
03-09-2018	4:00	51.6	52.5	50.5
03-09-2018	4:05	51.5	52.5	50.5
03-09-2018	4:10	51.0	51.5	50.5
03-09-2018	4:15	51.4	52.0	50.5
03-09-2018	4:20	51.4	52.0	50.5
03-09-2018	4:25	52.2	53.0	51.5
03-09-2018	4:30	52.3	53.0	51.0
03-09-2018	4:35	51.7	52.5	50.5
03-09-2018	4:40	52.5	53.0	51.0
03-09-2018	4:45	51.7	53.0	50.5
03-09-2018	4:50	51.6	52.5	50.5
03-09-2018	4:55	51.6	52.0	50.5
03-09-2018	5:00	51.5	52.0	50.5
03-09-2018	5:05	51.2	52.0	50.0
03-09-2018	5:10	51.6	52.5	50.5
03-09-2018	5:15	53.1	54.5	51.0
03-09-2018	5:20	53.0	54.5	51.0
03-09-2018	5:25	52.6	54.5	50.0
03-09-2018	5:30	50.1	50.5	49.5
03-09-2018	5:35	50.2	50.5	49.5
03-09-2018	5:40	50.5	51.0	50.0
03-09-2018	5:45	50.4	50.5	50.0
03-09-2018	5:50	50.5	51.0	49.5
03-09-2018	5:55	50.0	50.5	49.5
03-09-2018	6:00	49.3	49.5	48.5
03-09-2018	6:05	50.1	51.0	49.0
03-09-2018	6:10	50.2	50.5	49.5
03-09-2018	6:15	50.2	50.5	49.5
03-09-2018	6:20	49.9	50.0	49.0
03-09-2018	6:25	51.2	52.5	49.0
03-09-2018	6:30	50.9	52.5	49.5
03-09-2018	6:35	50.2	51.0	49.0
03-09-2018	6:40	49.8	50.0	49.0
03-09-2018	6:45	49.9	50.0	49.0
03-09-2018	6:50	50.3	51.0	49.5
03-09-2018	6:55	50.6	51.0	49.5

Measured Noise Levels (dB(A)) at NM1 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
03-09-2018	23:00	53.1	54.0	52.0
03-09-2018	23:05	53.8	56.0	51.5
03-09-2018	23:10	53.0	53.5	52.0
03-09-2018	23:15	53.5	54.0	52.5
03-09-2018	23:20	53.0	53.5	52.0
03-09-2018	23:25	53.7	55.0	52.5
03-09-2018	23:30	53.2	54.0	52.0
03-09-2018	23:35	55.8	58.0	52.5
03-09-2018	23:40	53.1	54.0	52.0
03-09-2018	23:45	52.7	53.0	52.0
03-09-2018	23:50	53.3	54.0	52.5
03-09-2018	23:55	53.9	55.5	52.0
04-09-2018	0:00	53.2	53.5	52.5
04-09-2018	0:05	53.2	54.0	52.5
04-09-2018	0:10	53.2	54.0	52.0
04-09-2018	0:15	53.0	53.5	52.0
04-09-2018	0:20	53.3	54.0	52.5
04-09-2018	0:25	55.3	56.5	52.0
04-09-2018	0:30	52.8	53.5	52.0
04-09-2018	0:35	55.0	56.5	52.5
04-09-2018	0:40	52.7	53.5	51.5
04-09-2018	0:45	54.7	55.5	52.5
04-09-2018	0:50	53.4	53.5	51.5
04-09-2018	0:55	53.4	55.0	52.0
04-09-2018	1:00	56.2	58.5	52.0
04-09-2018	1:05	52.7	53.5	52.0
04-09-2018	1:10	53.5	54.5	52.0
04-09-2018	1:15	55.5	57.0	53.0
04-09-2018	1:20	55.6	56.5	53.5
04-09-2018	1:25	53.9	55.5	52.0
04-09-2018	1:30	53.0	54.0	52.0
04-09-2018	1:35	54.7	57.0	52.5
04-09-2018	1:40	55.2	57.5	52.5
04-09-2018	1:45	54.8	56.0	52.0
04-09-2018	1:50	56.9	56.5	52.0
04-09-2018	1:55	52.6	53.0	52.0
04-09-2018	2:00	52.9	53.5	52.0
04-09-2018	2:05	52.9	53.5	52.0
04-09-2018	2:10	52.5	53.0	51.5
04-09-2018	2:15	52.5	53.0	51.5
04-09-2018	2:20	53.2	54.5	51.5
04-09-2018	2:25	52.5	53.0	51.5
04-09-2018	2:30	53.5	53.5	52.0
04-09-2018	2:35	53.8	54.0	52.0
04-09-2018	2:40	53.9	55.0	52.5
04-09-2018	2:45	53.3	54.0	52.0
04-09-2018	2:50	53.5	54.0	52.5
04-09-2018	2:55	53.2	54.0	52.0

Measured Noise Levels (dB(A)) at NM1 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
04-09-2018	3:00	52.7	53.5	51.5
04-09-2018	3:05	53.2	54.0	52.0
04-09-2018	3:10	52.8	53.5	52.0
04-09-2018	3:15	52.1	52.5	51.5
04-09-2018	3:20	53.0	53.5	52.0
04-09-2018	3:25	53.2	54.0	52.0
04-09-2018	3:30	53.2	54.0	52.5
04-09-2018	3:35	53.5	54.0	52.5
04-09-2018	3:40	52.7	53.0	52.0
04-09-2018	3:45	53.0	53.5	52.0
04-09-2018	3:50	52.9	53.5	52.0
04-09-2018	3:55	54.4	56.0	52.0
04-09-2018	4:00	57.0	59.5	53.0
04-09-2018	4:05	53.8	54.5	53.0
04-09-2018	4:10	54.4	55.5	53.0
04-09-2018	4:15	54.7	57.5	52.5
04-09-2018	4:20	53.9	55.0	52.5
04-09-2018	4:25	53.4	54.0	52.5
04-09-2018	4:30	53.9	54.5	52.5
04-09-2018	4:35	58.2	61.5	53.0
04-09-2018	4:40	53.7	54.5	52.5
04-09-2018	4:45	53.8	54.5	52.5
04-09-2018	4:50	53.9	54.5	52.5
04-09-2018	4:55	56.3	57.0	52.5
04-09-2018	5:00	54.3	55.0	52.5
04-09-2018	5:05	53.9	54.5	53.0
04-09-2018	5:10	54.1	55.0	53.0
04-09-2018	5:15	55.2	56.0	54.0
04-09-2018	5:20	54.7	56.0	53.0
04-09-2018	5:25	55.9	57.5	53.5
04-09-2018	5:30	56.0	57.5	53.5
04-09-2018	5:35	56.1	57.5	54.0
04-09-2018	5:40	54.6	56.5	52.5
04-09-2018	5:45	56.3	60.0	53.0
04-09-2018	5:50	56.5	58.0	53.0
04-09-2018	5:55	54.8	55.5	53.0
04-09-2018	6:00	54.5	55.5	53.0
04-09-2018	6:05	53.6	54.0	52.5
04-09-2018	6:10	54.3	55.0	53.0
04-09-2018	6:15	53.3	54.0	52.5
04-09-2018	6:20	53.1	53.5	52.0
04-09-2018	6:25	56.1	59.5	52.0
04-09-2018	6:30	54.2	54.5	51.5
04-09-2018	6:35	55.3	57.5	51.5
04-09-2018	6:40	53.9	57.0	51.5
04-09-2018	6:45	52.6	54.0	51.0
04-09-2018	6:50	53.5	54.5	51.5
04-09-2018	6:55	53.8	56.0	52.0

Measured Noise Levels (dB(A)) at NM1 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
04-09-2018	23:00	57.5	59.5	55.0
04-09-2018	23:05	56.8	57.5	55.5
04-09-2018	23:10	56.8	58.0	54.5
04-09-2018	23:15	56.4	58.0	54.5
04-09-2018	23:20	55.3	56.0	54.5
04-09-2018	23:25	56.5	57.5	55.5
04-09-2018	23:30	55.7	56.0	55.0
04-09-2018	23:35	56.8	58.5	55.0
04-09-2018	23:40	55.9	56.5	54.5
04-09-2018	23:45	56.1	57.0	55.0
04-09-2018	23:50	57.9	59.5	55.5
04-09-2018	23:55	56.9	57.5	55.5
05-09-2018	0:00	56.2	57.0	54.5
05-09-2018	0:05	56.0	56.5	54.5
05-09-2018	0:10	55.6	56.5	54.0
05-09-2018	0:15	56.2	58.0	54.5
05-09-2018	0:20	57.4	59.5	54.5
05-09-2018	0:25	56.0	56.5	55.0
05-09-2018	0:30	55.6	56.5	54.5
05-09-2018	0:35	56.4	57.5	55.0
05-09-2018	0:40	55.7	56.0	55.0
05-09-2018	0:45	56.7	57.5	54.5
05-09-2018	0:50	56.5	57.0	54.5
05-09-2018	0:55	54.5	55.5	53.0
05-09-2018	1:00	57.0	59.5	53.5
05-09-2018	1:05	54.9	55.5	53.5
05-09-2018	1:10	54.9	56.0	53.5
05-09-2018	1:15	55.5	56.5	53.5
05-09-2018	1:20	56.9	59.5	54.0
05-09-2018	1:25	54.5	55.0	53.5
05-09-2018	1:30	54.6	55.0	53.5
05-09-2018	1:35	54.4	55.0	53.0
05-09-2018	1:40	54.5	55.0	53.5
05-09-2018	1:45	54.6	55.5	53.5
05-09-2018	1:50	55.1	56.0	54.0
05-09-2018	1:55	54.5	55.0	53.5
05-09-2018	2:00	54.7	55.5	53.5
05-09-2018	2:05	56.2	56.5	53.5
05-09-2018	2:10	55.6	56.5	54.0
05-09-2018	2:15	55.1	56.0	53.5
05-09-2018	2:20	55.4	56.5	54.0
05-09-2018	2:25	56.6	57.5	54.0
05-09-2018	2:30	54.3	55.0	53.0
05-09-2018	2:35	55.0	56.0	54.0
05-09-2018	2:40	54.8	55.5	53.5
05-09-2018	2:45	54.8	55.5	53.5
05-09-2018	2:50	54.7	55.5	53.5
05-09-2018	2:55	54.4	55.0	53.5

Measured Noise Levels (dB(A)) at NM1 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
05-09-2018	3:00	54.3	55.0	53.5
05-09-2018	3:05	55.3	56.0	53.5
05-09-2018	3:10	54.1	55.0	53.0
05-09-2018	3:15	54.3	55.0	53.5
05-09-2018	3:20	54.1	54.5	53.5
05-09-2018	3:25	53.8	54.5	53.0
05-09-2018	3:30	54.4	55.0	53.5
05-09-2018	3:35	54.3	55.0	53.5
05-09-2018	3:40	53.8	54.5	52.5
05-09-2018	3:45	55.3	57.0	53.5
05-09-2018	3:50	53.7	54.5	52.5
05-09-2018	3:55	54.5	55.5	53.0
05-09-2018	4:00	54.0	54.5	52.5
05-09-2018	4:05	55.4	57.5	52.5
05-09-2018	4:10	56.4	58.5	53.0
05-09-2018	4:15	55.2	55.0	53.0
05-09-2018	4:20	53.5	54.0	52.5
05-09-2018	4:25	54.5	55.5	53.5
05-09-2018	4:30	54.0	55.0	53.0
05-09-2018	4:35	55.3	56.0	53.0
05-09-2018	4:40	53.5	54.0	52.5
05-09-2018	4:45	55.2	55.5	53.0
05-09-2018	4:50	54.4	55.0	53.0
05-09-2018	4:55	53.8	54.0	53.0
05-09-2018	5:00	54.1	54.5	53.5
05-09-2018	5:05	54.1	55.0	53.0
05-09-2018	5:10	54.1	54.5	53.5
05-09-2018	5:15	53.7	54.0	53.0
05-09-2018	5:20	54.9	55.5	53.0
05-09-2018	5:25	56.5	59.5	53.5
05-09-2018	5:30	55.0	56.0	53.5
05-09-2018	5:35	53.9	54.5	53.0
05-09-2018	5:40	55.6	56.0	53.5
05-09-2018	5:45	55.9	57.0	54.0
05-09-2018	5:50	55.4	56.0	54.5
05-09-2018	5:55	56.2	57.0	54.5
05-09-2018	6:00	56.8	59.0	54.5
05-09-2018	6:05	57.1	59.5	54.0
05-09-2018	6:10	54.3	55.0	53.0
05-09-2018	6:15	54.2	55.0	52.5
05-09-2018	6:20	55.0	56.5	53.0
05-09-2018	6:25	55.7	59.0	53.0
05-09-2018	6:30	55.9	56.5	53.5
05-09-2018	6:35	55.6	57.5	53.5
05-09-2018	6:40	57.0	60.0	53.5
05-09-2018	6:45	55.6	58.0	52.5
05-09-2018	6:50	54.8	56.5	53.0
05-09-2018	6:55	54.4	55.5	53.0

Measured Noise Levels (dB(A)) at NM1 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
05-09-2018	23:00	54.2	54.5	53.5
05-09-2018	23:05	54.3	55.0	53.5
05-09-2018	23:10	53.4	54.0	52.5
05-09-2018	23:15	53.4	54.0	52.5
05-09-2018	23:20	54.0	56.0	52.0
05-09-2018	23:25	52.5	53.5	51.5
05-09-2018	23:30	53.6	54.5	52.0
05-09-2018	23:35	54.4	55.5	53.0
05-09-2018	23:40	55.0	56.5	53.0
05-09-2018	23:45	55.2	56.5	53.0
05-09-2018	23:50	54.3	55.5	52.0
05-09-2018	23:55	53.2	54.0	52.0
06-09-2018	0:00	53.7	55.0	52.0
06-09-2018	0:05	54.0	56.0	52.0
06-09-2018	0:10	55.0	57.5	52.0
06-09-2018	0:15	52.9	53.5	52.0
06-09-2018	0:20	53.5	55.0	52.0
06-09-2018	0:25	53.8	54.5	52.5
06-09-2018	0:30	53.4	54.0	52.5
06-09-2018	0:35	52.8	53.0	52.0
06-09-2018	0:40	52.4	53.0	51.5
06-09-2018	0:45	52.6	53.0	51.5
06-09-2018	0:50	53.1	53.5	52.0
06-09-2018	0:55	54.3	55.0	53.0
06-09-2018	1:00	53.6	54.0	52.5
06-09-2018	1:05	53.7	54.0	53.0
06-09-2018	1:10	54.3	55.5	53.0
06-09-2018	1:15	54.2	55.5	53.0
06-09-2018	1:20	54.1	54.5	53.0
06-09-2018	1:25	54.8	56.0	53.0
06-09-2018	1:30	54.4	55.5	52.5
06-09-2018	1:35	55.4	56.0	54.0
06-09-2018	1:40	55.0	55.5	54.0
06-09-2018	1:45	53.3	53.5	52.5
06-09-2018	1:50	53.3	53.5	52.5
06-09-2018	1:55	53.0	53.5	52.0
06-09-2018	2:00	51.9	52.5	51.0
06-09-2018	2:05	52.4	53.0	51.5
06-09-2018	2:10	52.7	53.5	51.5
06-09-2018	2:15	51.3	52.0	50.0
06-09-2018	2:20	51.7	52.5	50.5
06-09-2018	2:25	51.4	52.0	50.0
06-09-2018	2:30	51.5	52.0	50.5
06-09-2018	2:35	51.4	52.0	50.5
06-09-2018	2:40	51.7	52.5	50.5
06-09-2018	2:45	53.0	53.5	52.0
06-09-2018	2:50	52.7	53.5	51.5
06-09-2018	2:55	52.0	52.5	51.0

Measured Noise Levels (dB(A)) at NM1 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
06-09-2018	3:00	51.1	51.5	50.5
06-09-2018	3:05	51.3	52.0	50.5
06-09-2018	3:10	52.4	53.0	51.5
06-09-2018	3:15	51.7	52.5	50.5
06-09-2018	3:20	51.0	52.0	49.5
06-09-2018	3:25	51.1	52.0	49.5
06-09-2018	3:30	51.0	52.0	49.5
06-09-2018	3:35	50.2	51.5	48.5
06-09-2018	3:40	51.0	52.0	49.5
06-09-2018	3:45	50.7	51.5	49.5
06-09-2018	3:50	52.0	52.5	51.0
06-09-2018	3:55	52.8	53.5	51.5
06-09-2018	4:00	52.6	53.5	51.5
06-09-2018	4:05	52.2	52.5	51.5
06-09-2018	4:10	52.4	53.5	51.5
06-09-2018	4:15	51.6	52.0	51.0
06-09-2018	4:20	51.8	52.0	51.0
06-09-2018	4:25	51.3	51.5	50.5
06-09-2018	4:30	51.3	52.0	50.5
06-09-2018	4:35	51.0	51.5	50.0
06-09-2018	4:40	50.5	51.0	49.5
06-09-2018	4:45	50.0	50.5	49.0
06-09-2018	4:50	51.1	52.0	50.0
06-09-2018	4:55	52.7	53.0	52.0
06-09-2018	5:00	52.3	53.0	51.5
06-09-2018	5:05	52.4	53.0	51.5
06-09-2018	5:10	51.5	52.0	50.5
06-09-2018	5:15	51.0	51.5	50.0
06-09-2018	5:20	50.7	51.0	49.5
06-09-2018	5:25	50.8	51.5	50.0
06-09-2018	5:30	51.6	52.5	50.5
06-09-2018	5:35	50.8	51.5	50.0
06-09-2018	5:40	50.6	51.0	50.0
06-09-2018	5:45	51.1	51.5	50.0
06-09-2018	5:50	51.2	51.5	50.5
06-09-2018	5:55	50.6	51.0	50.0
06-09-2018	6:00	50.9	51.5	50.0
06-09-2018	6:05	51.4	52.0	50.5
06-09-2018	6:10	51.3	51.5	50.5
06-09-2018	6:15	51.1	51.0	49.5
06-09-2018	6:20	49.8	50.5	49.0
06-09-2018	6:25	49.7	50.0	48.5
06-09-2018	6:30	48.9	49.5	48.0
06-09-2018	6:35	48.5	49.0	47.5
06-09-2018	6:40	49.9	49.0	47.5
06-09-2018	6:45	50.3	52.0	48.0
06-09-2018	6:50	48.6	49.5	47.5
06-09-2018	6:55	49.5	50.0	48.5

Measured Noise Levels (dB(A)) at NM1 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
06-09-2018	23:00	56.7	57.5	55.0
06-09-2018	23:05	55.7	56.5	54.5
06-09-2018	23:10	55.6	56.5	54.5
06-09-2018	23:15	55.5	56.5	54.0
06-09-2018	23:20	55.5	56.0	54.5
06-09-2018	23:25	55.2	56.0	54.0
06-09-2018	23:30	54.9	55.5	54.0
06-09-2018	23:35	55.0	55.5	54.0
06-09-2018	23:40	55.3	56.0	54.5
06-09-2018	23:45	55.2	56.0	54.0
06-09-2018	23:50	55.1	56.0	54.0
06-09-2018	23:55	54.6	55.5	53.0
07-09-2018	0:00	54.7	55.5	53.5
07-09-2018	0:05	59.1	60.5	54.5
07-09-2018	0:10	55.0	56.0	53.5
07-09-2018	0:15	55.8	56.5	54.5
07-09-2018	0:20	56.2	57.0	55.0
07-09-2018	0:25	55.4	56.5	54.0
07-09-2018	0:30	54.7	55.5	53.5
07-09-2018	0:35	54.0	55.0	52.5
07-09-2018	0:40	53.0	53.5	52.0
07-09-2018	0:45	52.9	53.5	52.0
07-09-2018	0:50	53.2	54.0	52.0
07-09-2018	0:55	53.1	55.0	51.5
07-09-2018	1:00	54.6	56.0	52.0
07-09-2018	1:05	54.8	56.5	52.0
07-09-2018	1:10	53.8	55.5	51.0
07-09-2018	1:15	54.0	55.5	51.5
07-09-2018	1:20	54.1	55.5	52.0
07-09-2018	1:25	54.1	56.0	52.0
07-09-2018	1:30	55.5	57.0	52.5
07-09-2018	1:35	53.8	55.5	51.5
07-09-2018	1:40	53.0	54.5	51.0
07-09-2018	1:45	52.5	53.5	51.5
07-09-2018	1:50	54.2	55.0	52.5
07-09-2018	1:55	54.3	55.5	52.0
07-09-2018	2:00	54.5	56.0	52.5
07-09-2018	2:05	52.2	53.0	51.0
07-09-2018	2:10	53.1	54.5	51.0
07-09-2018	2:15	54.0	54.5	53.0
07-09-2018	2:20	55.4	56.5	53.5
07-09-2018	2:25	55.1	56.5	53.0
07-09-2018	2:30	54.1	55.5	52.0
07-09-2018	2:35	54.3	55.5	53.0
07-09-2018	2:40	54.4	55.5	52.5
07-09-2018	2:45	54.1	55.5	52.5
07-09-2018	2:50	52.5	54.0	50.5
07-09-2018	2:55	52.7	54.0	51.0

Measured Noise Levels (dB(A)) at NM1 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
07-09-2018	3:00	53.3	54.0	52.0
07-09-2018	3:05	53.7	55.0	52.0
07-09-2018	3:10	54.7	56.0	53.0
07-09-2018	3:15	54.7	56.5	52.5
07-09-2018	3:20	53.7	55.0	52.0
07-09-2018	3:25	52.8	54.0	51.5
07-09-2018	3:30	54.1	55.5	52.0
07-09-2018	3:35	52.8	54.0	51.5
07-09-2018	3:40	53.1	54.5	51.5
07-09-2018	3:45	54.1	55.5	52.0
07-09-2018	3:50	53.5	54.5	52.0
07-09-2018	3:55	53.8	55.0	52.0
07-09-2018	4:00	53.1	54.5	51.5
07-09-2018	4:05	52.6	54.0	51.0
07-09-2018	4:10	53.6	55.0	52.0
07-09-2018	4:15	54.0	55.5	52.0
07-09-2018	4:20	55.0	56.0	53.5
07-09-2018	4:25	54.7	56.0	53.0
07-09-2018	4:30	55.4	56.5	53.5
07-09-2018	4:35	56.3	57.5	54.0
07-09-2018	4:40	54.9	56.5	52.5
07-09-2018	4:45	55.1	57.0	52.5
07-09-2018	4:50	54.9	57.0	52.5
07-09-2018	4:55	55.6	57.5	53.0
07-09-2018	5:00	54.9	57.0	52.5
07-09-2018	5:05	53.9	55.5	52.0
07-09-2018	5:10	56.1	59.0	52.0
07-09-2018	5:15	54.6	55.5	53.0
07-09-2018	5:20	54.3	55.5	53.0
07-09-2018	5:25	54.6	55.5	53.0
07-09-2018	5:30	54.8	55.5	53.5
07-09-2018	5:35	56.8	59.5	52.5
07-09-2018	5:40	58.9	60.5	56.5
07-09-2018	5:45	57.0	58.5	55.0
07-09-2018	5:50	59.9	62.0	54.5
07-09-2018	5:55	60.4	63.0	57.0
07-09-2018	6:00	59.3	60.5	57.0
07-09-2018	6:05	55.3	57.0	52.0
07-09-2018	6:10	54.2	56.0	51.5
07-09-2018	6:15	55.5	57.0	53.0
07-09-2018	6:20	55.1	57.0	52.0
07-09-2018	6:25	53.2	54.5	51.5
07-09-2018	6:30	51.7	52.5	50.5
07-09-2018	6:35	52.3	53.0	51.0
07-09-2018	6:40	52.3	53.0	51.0
07-09-2018	6:45	52.9	54.5	51.5
07-09-2018	6:50	51.8	52.5	51.0
07-09-2018	6:55	55.8	60.0	51.0

Measured Noise Levels (dB(A)) at NM1 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
07-09-2018	23:00	57.4	58.5	56.0
07-09-2018	23:05	57.6	58.5	56.0
07-09-2018	23:10	59.3	60.5	57.5
07-09-2018	23:15	57.4	58.0	56.0
07-09-2018	23:20	58.5	59.0	57.0
07-09-2018	23:25	57.4	59.5	55.0
07-09-2018	23:30	57.3	58.0	56.0
07-09-2018	23:35	56.3	57.0	55.0
07-09-2018	23:40	56.2	56.5	55.0
07-09-2018	23:45	56.3	57.0	55.0
07-09-2018	23:50	55.1	55.5	54.0
07-09-2018	23:55	56.5	57.0	55.5
08-09-2018	0:00	55.9	57.0	54.5
08-09-2018	0:05	56.3	59.0	54.5
08-09-2018	0:10	55.6	56.5	54.5
08-09-2018	0:15	56.9	57.5	55.5
08-09-2018	0:20	60.8	64.5	57.5
08-09-2018	0:25	56.1	57.5	54.5
08-09-2018	0:30	55.8	56.5	54.5
08-09-2018	0:35	56.1	57.0	55.0
08-09-2018	0:40	54.8	56.0	53.5
08-09-2018	0:45	54.1	55.0	53.0
08-09-2018	0:50	54.1	55.0	53.0
08-09-2018	0:55	56.1	57.0	53.5
08-09-2018	1:00	57.3	58.0	56.0
08-09-2018	1:05	57.0	58.0	55.5
08-09-2018	1:10	55.8	56.5	54.5
08-09-2018	1:15	55.3	56.0	54.0
08-09-2018	1:20	56.0	57.0	54.5
08-09-2018	1:25	56.6	57.5	54.5
08-09-2018	1:30	56.2	57.0	55.0
08-09-2018	1:35	56.5	57.5	55.0
08-09-2018	1:40	56.5	57.5	55.0
08-09-2018	1:45	55.7	56.5	54.5
08-09-2018	1:50	57.3	58.5	55.0
08-09-2018	1:55	57.0	58.0	55.5
08-09-2018	2:00	56.5	57.5	54.5
08-09-2018	2:05	58.6	60.5	54.0
08-09-2018	2:10	61.1	62.5	59.0
08-09-2018	2:15	61.8	63.5	60.0
08-09-2018	2:20	58.0	59.5	54.5
08-09-2018	2:25	56.8	58.0	55.5
08-09-2018	2:30	55.2	56.5	53.0
08-09-2018	2:35	55.5	57.5	53.0
08-09-2018	2:40	57.6	59.0	54.5
08-09-2018	2:45	54.5	55.5	53.0
08-09-2018	2:50	53.0	53.5	52.0
08-09-2018	2:55	55.1	56.5	52.5

Measured Noise Levels (dB(A)) at NM1 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
08-09-2018	3:00	54.9	57.0	52.5
08-09-2018	3:05	54.5	56.5	52.5
08-09-2018	3:10	53.3	55.5	51.0
08-09-2018	3:15	52.1	53.0	51.0
08-09-2018	3:20	52.3	53.0	51.0
08-09-2018	3:25	52.0	52.5	51.0
08-09-2018	3:30	52.6	53.0	51.5
08-09-2018	3:35	55.3	57.0	52.5
08-09-2018	3:40	52.6	53.0	51.5
08-09-2018	3:45	53.0	54.5	52.0
08-09-2018	3:50	52.4	53.0	51.5
08-09-2018	3:55	52.4	53.0	51.5
08-09-2018	4:00	52.7	53.5	51.5
08-09-2018	4:05	52.0	52.5	51.0
08-09-2018	4:10	51.5	52.0	51.0
08-09-2018	4:15	51.7	52.0	51.0
08-09-2018	4:20	52.1	53.0	51.0
08-09-2018	4:25	52.1	53.0	51.0
08-09-2018	4:30	51.8	52.5	50.5
08-09-2018	4:35	51.5	52.0	50.5
08-09-2018	4:40	51.4	52.0	50.5
08-09-2018	4:45	51.5	52.0	50.5
08-09-2018	4:50	52.1	53.0	51.0
08-09-2018	4:55	53.0	53.5	52.0
08-09-2018	5:00	53.0	53.5	52.0
08-09-2018	5:05	52.8	53.5	51.5
08-09-2018	5:10	52.5	53.0	51.5
08-09-2018	5:15	52.2	52.5	51.5
08-09-2018	5:20	52.9	54.0	51.5
08-09-2018	5:25	52.6	53.0	51.5
08-09-2018	5:30	52.5	53.0	51.5
08-09-2018	5:35	52.9	53.5	52.0
08-09-2018	5:40	52.6	53.5	51.5
08-09-2018	5:45	53.3	54.0	52.0
08-09-2018	5:50	53.1	54.0	52.0
08-09-2018	5:55	53.2	54.5	51.5
08-09-2018	6:00	56.0	57.5	53.5
08-09-2018	6:05	55.6	57.5	52.0
08-09-2018	6:10	52.3	53.0	51.0
08-09-2018	6:15	52.0	52.5	50.5
08-09-2018	6:20	52.6	53.0	50.5
08-09-2018	6:25	51.8	52.5	50.5
08-09-2018	6:30	52.1	53.0	51.0
08-09-2018	6:35	52.0	52.5	51.0
08-09-2018	6:40	52.1	52.5	51.0
08-09-2018	6:45	52.2	53.0	51.0
08-09-2018	6:50	51.9	52.5	51.0
08-09-2018	6:55	52.1	53.0	51.0



Measured Noise Levels (dB(A)) at NM1 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
08-09-2018	23:00	57.2	59.0	53.5
08-09-2018	23:05	53.7	55.5	52.0
08-09-2018	23:10	56.3	59.0	53.5
08-09-2018	23:15	59.8	60.5	55.5
08-09-2018	23:20	58.1	60.0	53.0
08-09-2018	23:25	57.1	60.0	53.5
08-09-2018	23:30	54.6	55.5	53.0
08-09-2018	23:35	55.0	56.0	53.5
08-09-2018	23:40	55.5	57.5	52.5
08-09-2018	23:45	53.7	54.5	52.5
08-09-2018	23:50	53.8	54.5	52.5
08-09-2018	23:55	55.3	57.0	53.5
09-09-2018	0:00	55.3	57.0	53.5
09-09-2018	0:05	54.6	56.0	53.0
09-09-2018	0:10	55.4	57.0	53.5
09-09-2018	0:15	55.1	56.0	53.5
09-09-2018	0:20	55.5	56.5	53.5
09-09-2018	0:25	55.3	56.0	54.0
09-09-2018	0:30	54.7	56.0	53.0
09-09-2018	0:35	55.0	56.0	53.5
09-09-2018	0:40	54.3	55.0	53.0
09-09-2018	0:45	54.1	55.0	53.0
09-09-2018	0:50	54.4	55.0	53.5
09-09-2018	0:55	54.6	55.0	53.5
09-09-2018	1:00	54.5	55.0	53.5
09-09-2018	1:05	55.6	57.5	53.5
09-09-2018	1:10	55.9	58.0	53.5
09-09-2018	1:15	55.5	57.5	52.5
09-09-2018	1:20	54.3	56.5	52.0
09-09-2018	1:25	54.2	56.0	52.0
09-09-2018	1:30	54.4	55.5	52.5
09-09-2018	1:35	54.7	56.0	53.0
09-09-2018	1:40	55.0	56.5	52.5
09-09-2018	1:45	55.4	57.5	52.5
09-09-2018	1:50	55.1	57.0	52.5
09-09-2018	1:55	54.5	56.0	52.5
09-09-2018	2:00	54.7	56.0	53.0
09-09-2018	2:05	54.6	56.0	52.5
09-09-2018	2:10	54.4	55.5	52.5
09-09-2018	2:15	54.6	56.0	52.5
09-09-2018	2:20	54.4	55.5	52.5
09-09-2018	2:25	54.0	55.0	52.5
09-09-2018	2:30	53.5	54.5	52.0
09-09-2018	2:35	53.2	54.5	51.5
09-09-2018	2:40	54.0	55.5	52.0
09-09-2018	2:45	52.9	54.5	50.5
09-09-2018	2:50	53.2	55.0	51.0
09-09-2018	2:55	53.5	55.0	51.0

Measured Noise Levels (dB(A)) at NM1 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
09-09-2018	3:00	53.3	55.5	50.5
09-09-2018	3:05	52.9	55.0	51.0
09-09-2018	3:10	54.1	57.0	50.5
09-09-2018	3:15	56.1	58.0	52.5
09-09-2018	3:20	53.6	56.5	51.0
09-09-2018	3:25	53.6	56.5	50.5
09-09-2018	3:30	54.7	57.0	51.0
09-09-2018	3:35	55.5	57.5	51.5
09-09-2018	3:40	54.6	57.0	51.0
09-09-2018	3:45	53.9	56.0	51.0
09-09-2018	3:50	53.0	55.0	50.5
09-09-2018	3:55	54.6	56.5	51.5
09-09-2018	4:00	55.5	58.5	51.5
09-09-2018	4:05	55.2	58.0	52.0
09-09-2018	4:10	54.3	56.0	52.0
09-09-2018	4:15	54.9	56.5	52.0
09-09-2018	4:20	55.2	57.0	52.5
09-09-2018	4:25	54.8	56.5	52.0
09-09-2018	4:30	55.0	57.0	52.0
09-09-2018	4:35	54.9	56.5	52.5
09-09-2018	4:40	54.9	56.5	52.5
09-09-2018	4:45	56.2	58.0	53.5
09-09-2018	4:50	56.6	58.5	54.0
09-09-2018	4:55	56.5	58.0	54.0
09-09-2018	5:00	56.6	58.0	54.0
09-09-2018	5:05	56.5	58.0	54.0
09-09-2018	5:10	55.6	57.0	53.0
09-09-2018	5:15	54.3	56.5	51.5
09-09-2018	5:20	54.4	56.0	52.5
09-09-2018	5:25	54.2	56.0	51.5
09-09-2018	5:30	55.3	56.5	53.0
09-09-2018	5:35	54.2	56.0	52.0
09-09-2018	5:40	56.7	60.5	52.0
09-09-2018	5:45	56.0	57.5	53.5
09-09-2018	5:50	56.4	58.0	53.5
09-09-2018	5:55	55.2	57.0	52.5
09-09-2018	6:00	54.9	56.5	52.5
09-09-2018	6:05	54.5	56.0	52.5
09-09-2018	6:10	54.7	56.5	52.5
09-09-2018	6:15	53.8	55.5	52.0
09-09-2018	6:20	52.4	53.0	51.5
09-09-2018	6:25	51.8	52.5	50.5
09-09-2018	6:30	51.9	52.5	50.5
09-09-2018	6:35	51.9	53.0	50.5
09-09-2018	6:40	51.8	52.5	50.5
09-09-2018	6:45	52.3	53.0	50.5
09-09-2018	6:50	52.2	53.5	50.5
09-09-2018	6:55	52.4	53.5	50.5

Measured Noise Levels (dB(A)) at NM1 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
09-09-2018	23:00	54.4	56.5	50.5
09-09-2018	23:05	54.9	56.5	51.5
09-09-2018	23:10	54.1	56.0	50.5
09-09-2018	23:15	54.5	56.5	50.5
09-09-2018	23:20	53.8	56.0	50.0
09-09-2018	23:25	55.2	57.5	51.5
09-09-2018	23:30	54.9	57.0	51.0
09-09-2018	23:35	54.9	57.0	51.0
09-09-2018	23:40	54.8	57.5	50.5
09-09-2018	23:45	55.5	57.5	51.0
09-09-2018	23:50	56.7	58.5	53.5
09-09-2018	23:55	55.9	57.5	52.5
10-09-2018	0:00	55.5	57.5	51.5
10-09-2018	0:05	55.0	57.0	50.5
10-09-2018	0:10	54.4	57.0	51.0
10-09-2018	0:15	55.4	57.0	52.5
10-09-2018	0:20	54.9	57.0	52.0
10-09-2018	0:25	55.4	57.5	51.5
10-09-2018	0:30	55.4	57.5	52.0
10-09-2018	0:35	55.4	57.5	52.0
10-09-2018	0:40	55.4	57.5	52.0
10-09-2018	0:45	55.7	57.5	52.0
10-09-2018	0:50	55.7	57.5	52.0
10-09-2018	0:55	54.4	56.5	50.0
10-09-2018	1:00	59.7	64.5	51.5
10-09-2018	1:05	58.9	63.0	48.5
10-09-2018	1:10	58.1	63.0	49.0
10-09-2018	1:15	54.0	57.0	50.0
10-09-2018	1:20	54.7	57.0	51.0
10-09-2018	1:25	54.4	57.0	50.0
10-09-2018	1:30	53.7	57.0	49.0
10-09-2018	1:35	52.8	56.0	49.0
10-09-2018	1:40	53.1	55.5	50.0
10-09-2018	1:45	53.7	56.0	50.5
10-09-2018	1:50	53.1	55.0	50.5
10-09-2018	1:55	53.5	55.5	51.0
10-09-2018	2:00	53.5	55.5	51.0
10-09-2018	2:05	54.2	56.0	51.5
10-09-2018	2:10	53.2	55.0	50.5
10-09-2018	2:15	53.8	56.0	51.0
10-09-2018	2:20	54.2	56.5	51.5
10-09-2018	2:25	54.7	57.0	51.5
10-09-2018	2:30	54.9	57.0	51.5
10-09-2018	2:35	54.6	57.0	51.5
10-09-2018	2:40	54.8	57.0	51.5
10-09-2018	2:45	55.0	57.5	51.5
10-09-2018	2:50	55.1	57.5	51.5
10-09-2018	2:55	54.8	57.0	51.5

Measured Noise Levels (dB(A)) at NM1 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
10-09-2018	3:00	54.8	57.0	51.5
10-09-2018	3:05	53.4	55.5	51.5
10-09-2018	3:10	53.8	56.0	52.0
10-09-2018	3:15	54.2	56.5	51.5
10-09-2018	3:20	51.8	52.5	50.0
10-09-2018	3:25	50.8	51.5	50.0
10-09-2018	3:30	51.8	52.5	50.5
10-09-2018	3:35	52.9	54.0	51.5
10-09-2018	3:40	53.2	54.5	52.0
10-09-2018	3:45	54.0	55.5	52.0
10-09-2018	3:50	54.4	57.0	51.0
10-09-2018	3:55	53.3	55.0	51.0
10-09-2018	4:00	54.3	55.5	52.0
10-09-2018	4:05	55.1	57.0	51.5
10-09-2018	4:10	52.0	53.0	51.0
10-09-2018	4:15	52.9	54.0	51.5
10-09-2018	4:20	53.3	54.5	52.0
10-09-2018	4:25	54.4	57.0	51.0
10-09-2018	4:30	53.3	54.5	51.5
10-09-2018	4:35	53.7	55.0	51.5
10-09-2018	4:40	54.5	56.5	52.0
10-09-2018	4:45	54.3	56.0	51.5
10-09-2018	4:50	54.7	57.0	51.5
10-09-2018	4:55	54.9	57.0	52.0
10-09-2018	5:00	55.0	57.0	52.5
10-09-2018	5:05	54.8	56.5	52.0
10-09-2018	5:10	53.7	56.5	51.5
10-09-2018	5:15	51.9	52.5	51.0
10-09-2018	5:20	52.3	53.0	51.5
10-09-2018	5:25	54.4	56.0	52.0
10-09-2018	5:30	55.7	57.5	53.0
10-09-2018	5:35	55.5	57.5	53.0
10-09-2018	5:40	54.2	57.0	51.0
10-09-2018	5:45	51.7	52.0	51.0
10-09-2018	5:50	52.3	53.0	51.0
10-09-2018	5:55	52.0	52.5	51.0
10-09-2018	6:00	51.5	52.0	50.5
10-09-2018	6:05	52.0	52.5	51.0
10-09-2018	6:10	51.6	52.0	51.0
10-09-2018	6:15	51.5	52.0	51.0
10-09-2018	6:20	50.9	51.5	50.0
10-09-2018	6:25	50.6	51.0	50.0
10-09-2018	6:30	50.4	51.0	49.5
10-09-2018	6:35	50.7	51.0	50.0
10-09-2018	6:40	50.9	51.5	50.0
10-09-2018	6:45	50.9	51.0	49.5
10-09-2018	6:50	52.2	55.0	50.0
10-09-2018	6:55	52.0	53.0	50.0

Measured Noise Levels (dB(A)) at NM1 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
	<b>Average</b>	54.7		
	<b>Min</b>	46.6		
	<b>Max</b>	70.4		

Notes:

- (a) Data affected by the rain were discarded.
- (b) Correction of +3 dB(A) was made for free field measurements.

Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
24-08-2018	12:30	59.7	62.5	55.5	63.5
24-08-2018	12:35	63.2	65.5	60.0	
24-08-2018	12:40	64.8	65.0	60.0	
24-08-2018	12:45	63.3	65.5	60.0	
24-08-2018	12:50	65.2	68.5	60.0	
24-08-2018	12:55	62.9	65.5	59.0	64.4
24-08-2018	13:00	61.4	62.5	58.5	
24-08-2018	13:05	64.1	64.5	59.5	
24-08-2018	13:10	64.9	67.0	62.0	
24-08-2018	13:15	64.6	67.0	61.0	
24-08-2018	13:20	65.5	68.0	62.0	62.7
24-08-2018	13:25	64.9	65.0	60.5	
24-08-2018	13:30	62.3	64.0	58.5	
24-08-2018	13:35	62.8	62.5	58.0	
24-08-2018	13:40	61.0	62.5	57.5	
24-08-2018	13:45	60.3	62.0	56.5	64.1
24-08-2018	13:50	65.1	66.0	61.5	
24-08-2018	13:55	63.1	65.0	60.0	
24-08-2018	14:00	64.5	65.0	61.5	
24-08-2018	14:05	64.9	65.5	61.5	
24-08-2018	14:10	63.8	65.0	60.0	64.2
24-08-2018	14:15	64.4	65.5	61.0	
24-08-2018	14:20	62.6	64.0	60.0	
24-08-2018	14:25	64.2	65.5	60.5	
24-08-2018	14:30	64.1	65.5	61.0	
24-08-2018	14:35	63.6	65.5	59.0	63.9
24-08-2018	14:40	64.0	66.5	61.0	
24-08-2018	14:45	64.7	67.0	61.5	
24-08-2018	14:50	64.3	66.0	61.5	
24-08-2018	14:55	64.4	65.0	61.0	
24-08-2018	15:00	63.4	64.5	61.0	61.1
24-08-2018	15:05	64.1	65.5	61.0	
24-08-2018	15:10	64.0	64.5	60.5	
24-08-2018	15:15	63.7	65.5	61.0	
24-08-2018	15:20	65.2	67.0	60.5	
24-08-2018	15:25	62.5	65.0	58.5	61.3
24-08-2018	15:30	60.6	62.0	57.5	
24-08-2018	15:35	61.1	61.0	56.0	
24-08-2018	15:40	59.6	61.0	56.0	
24-08-2018	15:45	61.1	62.5	58.5	
24-08-2018	15:50	61.8	63.0	59.5	61.3
24-08-2018	15:55	62.0	63.0	59.5	
24-08-2018	16:00	61.7	63.0	59.5	
24-08-2018	16:05	61.3	62.5	59.0	
24-08-2018	16:10	61.0	62.0	58.0	
24-08-2018	16:15	60.9	62.0	58.0	61.3
24-08-2018	16:20	62.0	63.5	59.5	
24-08-2018	16:25	60.7	62.0	58.0	

Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
24-08-2018	16:30	61.2	62.5	58.5	61.7
24-08-2018	16:35	61.7	63.0	59.0	
24-08-2018	16:40	60.8	62.5	58.0	
24-08-2018	16:45	62.1	64.0	59.0	
24-08-2018	16:50	61.8	63.5	59.0	
24-08-2018	16:55	62.5	63.5	60.0	
24-08-2018	17:00	61.8	63.0	59.0	61.8
24-08-2018	17:05	61.3	62.5	58.0	
24-08-2018	17:10	62.4	64.0	59.0	
24-08-2018	17:15	61.3	62.5	58.5	
24-08-2018	17:20	61.5	62.5	59.0	
24-08-2018	17:25	62.2	63.5	59.5	
24-08-2018	17:30	61.5	63.0	58.5	61.8
24-08-2018	17:35	61.4	63.0	58.0	
24-08-2018	17:40	61.3	62.0	58.0	
24-08-2018	17:45	62.1	63.5	59.0	
24-08-2018	17:50	61.7	63.0	59.0	
24-08-2018	17:55	62.5	63.5	60.0	
24-08-2018	18:00	62.2	63.5	60.0	62.6
24-08-2018	18:05	62.3	63.5	60.0	
24-08-2018	18:10	62.2	63.5	60.0	
24-08-2018	18:15	63.1	64.5	61.0	
24-08-2018	18:20	62.6	64.0	60.5	
24-08-2018	18:25	62.9	64.0	60.5	
24-08-2018	18:30	62.5	63.0	59.5	62.7
24-08-2018	18:35	62.5	63.5	60.5	
24-08-2018	18:40	62.4	63.5	60.5	
24-08-2018	18:45	63.3	64.5	61.0	
24-08-2018	18:50	63.1	65.0	60.5	
24-08-2018	18:55	62.3	63.5	60.0	
25-08-2018	7:00	58.0	59.5	53.0	57.4
25-08-2018	7:05	57.5	58.5	52.5	
25-08-2018	7:10	57.4	58.5	52.5	
25-08-2018	7:15	57.3	58.5	52.5	
25-08-2018	7:20	57.2	58.5	52.5	
25-08-2018	7:25	57.2	58.5	52.5	
25-08-2018	7:30	59.2	61.5	54.0	59.4
25-08-2018	7:35	57.7	59.0	53.0	
25-08-2018	7:40	58.7	60.0	53.5	
25-08-2018	7:45	58.6	59.5	54.0	
25-08-2018	7:50	60.0	61.5	56.5	
25-08-2018	7:55	61.4	63.0	58.5	
25-08-2018	8:00	63.7	66.0	61.0	63.4
25-08-2018	8:05	63.3	65.5	60.0	
25-08-2018	8:10	63.5	64.5	60.5	
25-08-2018	8:15	64.0	66.0	61.0	
25-08-2018	8:20	61.6	63.5	58.5	
25-08-2018	8:25	63.7	65.0	60.5	

Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
25-08-2018	8:30	61.4	62.5	59.0	63.3
25-08-2018	8:35	63.0	64.5	60.5	
25-08-2018	8:40	63.9	66.0	61.0	
25-08-2018	8:45	63.7	65.5	61.0	
25-08-2018	8:50	63.7	65.0	61.0	
25-08-2018	8:55	63.6	64.5	61.0	
25-08-2018	9:00	62.9	64.5	59.0	63.7
25-08-2018	9:05	63.4	65.0	60.5	
25-08-2018	9:10	64.3	65.0	61.0	
25-08-2018	9:15	63.6	65.0	61.0	
25-08-2018	9:20	63.8	65.5	60.5	
25-08-2018	9:25	64.2	65.5	60.5	
25-08-2018	9:30	63.2	64.5	60.5	63.1
25-08-2018	9:35	63.9	65.5	60.0	
25-08-2018	9:40	62.5	63.0	60.0	
25-08-2018	9:45	63.0	63.5	60.0	
25-08-2018	9:50	63.1	64.0	61.0	
25-08-2018	9:55	62.9	64.0	60.5	
25-08-2018	10:00	63.2	64.5	60.5	64.4
25-08-2018	10:05	63.9	65.5	61.5	
25-08-2018	10:10	65.7	65.0	61.0	
25-08-2018	10:15	63.9	65.0	61.0	
25-08-2018	10:20	64.4	66.0	62.5	
25-08-2018	10:25	64.9	66.5	62.0	
25-08-2018	10:30	64.4	65.5	62.0	63.6
25-08-2018	10:35	62.9	64.0	61.0	
25-08-2018	10:40	63.5	64.5	61.5	
25-08-2018	10:45	63.0	64.5	60.5	
25-08-2018	10:50	63.3	64.5	61.0	
25-08-2018	10:55	64.3	65.5	61.5	
25-08-2018	11:00	63.6	66.0	60.5	62.5
25-08-2018	11:05	62.5	64.5	60.0	
25-08-2018	11:10	63.8	65.5	61.0	
25-08-2018	11:15	61.9	63.0	59.5	
25-08-2018	11:20	61.6	62.5	59.0	
25-08-2018	11:25	61.2	62.0	58.5	
25-08-2018	11:30	61.5	63.0	58.5	61.6
25-08-2018	11:35	62.2	64.5	58.5	
25-08-2018	11:40	63.5	65.0	58.5	
25-08-2018	11:45	60.6	62.0	57.0	
25-08-2018	11:50	59.7	61.5	56.0	
25-08-2018	11:55	61.1	62.5	58.5	
25-08-2018	12:00	60.7	62.0	58.0	60.8
25-08-2018	12:05	60.9	62.0	58.5	
25-08-2018	12:10	61.3	62.5	57.5	
25-08-2018	12:15	60.5	62.0	57.5	
25-08-2018	12:20	60.5	62.0	57.5	
25-08-2018	12:25	60.8	62.5	57.5	

Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
25-08-2018	12:30	60.7	62.0	57.0	62.8
25-08-2018	12:35	65.2	67.0	60.0	
25-08-2018	12:40	62.8	64.0	60.0	
25-08-2018	12:45	61.3	62.5	59.0	
25-08-2018	12:50	63.1	63.5	59.5	
25-08-2018	12:55	62.0	63.5	59.5	
25-08-2018	13:00	61.4	62.5	58.5	62.5
25-08-2018	13:05	62.9	64.0	59.0	
25-08-2018	13:10	63.0	64.5	60.0	
25-08-2018	13:15	62.3	63.5	60.0	
25-08-2018	13:20	62.1	63.5	59.5	
25-08-2018	13:25	62.8	64.0	60.5	
25-08-2018	13:30	61.7	63.5	59.0	62.6
25-08-2018	13:35	62.4	64.0	59.0	
25-08-2018	13:40	63.4	65.0	61.0	
25-08-2018	13:45	62.4	63.5	60.0	
25-08-2018	13:50	62.8	64.0	60.5	
25-08-2018	13:55	63.0	64.5	60.5	
25-08-2018	14:00	62.2	63.5	59.5	62.7
25-08-2018	14:05	62.8	64.0	60.5	
25-08-2018	14:10	62.7	64.0	60.5	
25-08-2018	14:15	61.8	63.5	59.0	
25-08-2018	14:20	63.0	64.5	61.0	
25-08-2018	14:25	63.3	64.5	61.0	
25-08-2018	14:30	62.7	64.0	60.0	63.5
25-08-2018	14:35	63.7	64.5	61.5	
25-08-2018	14:40	62.9	64.0	60.0	
25-08-2018	14:45	63.6	64.5	61.0	
25-08-2018	14:50	64.0	65.5	61.0	
25-08-2018	14:55	64.0	66.0	61.0	
25-08-2018	15:00	63.7	65.0	61.0	63.2
25-08-2018	15:05	62.8	64.5	60.0	
25-08-2018	15:10	63.1	64.0	60.5	
25-08-2018	15:15	63.8	65.0	61.5	
25-08-2018	15:20	63.8	65.5	61.0	
25-08-2018	15:25	61.7	63.5	58.5	
25-08-2018	15:30	61.2	62.5	58.5	60.7
25-08-2018	15:35	59.8	61.0	56.0	
25-08-2018	15:40	59.8	60.5	55.0	
25-08-2018	15:45	61.1	62.5	58.0	
25-08-2018	15:50	61.3	62.5	58.0	
25-08-2018	15:55	60.6	61.5	57.0	
25-08-2018	16:00	60.0	61.5	56.5	61.0
25-08-2018	16:05	60.8	62.0	58.0	
25-08-2018	16:10	61.6	62.5	59.5	
25-08-2018	16:15	61.4	63.0	58.5	
25-08-2018	16:20	60.9	61.5	58.0	
25-08-2018	16:25	60.9	62.0	58.5	

Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
25-08-2018	16:30	61.7	63.0	59.5	62.1
25-08-2018	16:35	62.3	63.5	60.0	
25-08-2018	16:40	62.5	64.0	60.0	
25-08-2018	16:45	62.2	63.0	60.0	
25-08-2018	16:50	62.0	63.0	59.5	
25-08-2018	16:55	61.7	63.0	59.5	
25-08-2018	17:00	61.5	63.0	59.0	62.7
25-08-2018	17:05	61.6	63.0	59.0	
25-08-2018	17:10	63.3	64.5	61.0	
25-08-2018	17:15	63.5	64.5	61.0	
25-08-2018	17:20	62.8	64.5	60.5	
25-08-2018	17:25	63.1	64.5	60.5	
25-08-2018	17:30	62.6	64.0	60.5	62.7
25-08-2018	17:35	62.8	64.0	60.0	
25-08-2018	17:40	62.6	64.0	60.0	
25-08-2018	17:45	63.7	65.0	60.0	
25-08-2018	17:50	62.4	64.0	60.0	
25-08-2018	17:55	61.9	63.5	59.5	
25-08-2018	18:00	61.6	63.0	59.0	61.8
25-08-2018	18:05	61.8	63.0	59.0	
25-08-2018	18:10	61.6	63.0	59.0	
25-08-2018	18:15	62.3	64.0	59.5	
25-08-2018	18:20	61.4	63.0	59.0	
25-08-2018	18:25	61.8	63.0	58.5	
25-08-2018	18:30	61.5	63.0	58.5	61.5
25-08-2018	18:35	62.0	63.0	59.5	
25-08-2018	18:40	61.8	63.5	59.0	
25-08-2018	18:45	61.4	63.0	59.0	
25-08-2018	18:50	60.6	61.5	58.0	
25-08-2018	18:55	61.3	62.5	58.5	
27-08-2018	7:00	57.4	58.5	53.5	58.3
27-08-2018	7:05	58.7	61.0	54.0	
27-08-2018	7:10	57.7	59.0	53.5	
27-08-2018	7:15	57.9	59.0	53.5	
27-08-2018	7:20	58.4	60.0	54.0	
27-08-2018	7:25	59.4	62.0	54.5	
27-08-2018	7:30	58.0	59.5	54.0	59.2
27-08-2018	7:35	57.7	59.0	53.0	
27-08-2018	7:40	59.0	59.5	54.0	
27-08-2018	7:45	58.7	60.0	55.5	
27-08-2018	7:50	61.1	62.5	59.0	
27-08-2018	7:55	59.8	61.0	57.5	
27-08-2018	8:00	60.9	62.0	58.0	60.9
27-08-2018	8:05	61.2	63.0	58.0	
27-08-2018	8:10	59.5	60.5	57.0	
27-08-2018	8:15	60.8	62.5	57.5	
27-08-2018	8:20	62.3	65.0	59.5	
27-08-2018	8:25	60.4	61.5	58.0	

Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
27-08-2018	8:30	61.9	64.0	58.5	63.3
27-08-2018	8:35	61.3	62.5	59.0	
27-08-2018	8:40	62.7	64.0	60.5	
27-08-2018	8:45	64.3	66.5	60.5	
27-08-2018	8:50	64.6	66.0	61.5	
27-08-2018	8:55	64.1	66.5	61.0	
27-08-2018	9:00	63.5	65.5	60.5	63.1
27-08-2018	9:05	63.1	65.0	60.5	
27-08-2018	9:10	61.9	63.0	59.5	
27-08-2018	9:15	62.7	64.5	60.5	
27-08-2018	9:20	64.6	64.5	59.0	
27-08-2018	9:25	62.1	63.5	59.5	
27-08-2018	9:30	62.1	63.5	58.0	62.4
27-08-2018	9:35	62.5	63.0	59.5	
27-08-2018	9:40	63.3	65.0	60.0	
27-08-2018	9:45	62.5	64.0	59.5	
27-08-2018	9:50	61.7	62.5	60.0	
27-08-2018	9:55	62.2	63.5	60.0	
27-08-2018	10:00	62.2	63.5	60.0	62.5
27-08-2018	10:05	62.8	64.0	60.5	
27-08-2018	10:10	62.1	63.0	59.5	
27-08-2018	10:15	63.0	64.5	60.5	
27-08-2018	10:20	62.2	63.5	59.0	
27-08-2018	10:25	62.6	63.5	59.5	
27-08-2018	10:30	62.7	64.0	60.5	62.8
27-08-2018	10:35	62.9	63.5	59.5	
27-08-2018	10:40	64.0	65.5	60.0	
27-08-2018	10:45	62.0	63.5	59.0	
27-08-2018	10:50	62.7	64.0	60.0	
27-08-2018	10:55	62.3	63.5	60.5	
27-08-2018	11:00	63.3	64.5	60.5	61.6
27-08-2018	11:05	62.5	64.5	59.0	
27-08-2018	11:10	60.9	62.5	58.0	
27-08-2018	11:15	61.3	62.5	57.5	
27-08-2018	11:20	60.2	61.5	57.5	
27-08-2018	11:25	60.7	62.0	57.0	
27-08-2018	11:30	60.5	62.0	57.5	60.0
27-08-2018	11:35	59.9	61.5	56.0	
27-08-2018	11:40	59.5	61.0	56.5	
27-08-2018	11:45	59.8	61.0	57.0	
27-08-2018	11:50	60.3	61.0	55.5	
27-08-2018	11:55	59.8	61.0	56.5	
27-08-2018	12:00	60.5	62.0	58.0	60.3
27-08-2018	12:05	60.5	62.0	56.5	
27-08-2018	12:10	60.4	61.5	57.5	
27-08-2018	12:15	60.4	61.5	57.5	
27-08-2018	12:20	60.0	61.5	57.0	
27-08-2018	12:25	60.1	61.5	56.5	

Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
27-08-2018	12:30	58.6	60.0	54.0	62.0
27-08-2018	12:35	61.9	64.0	58.5	
27-08-2018	12:40	59.8	61.0	57.0	
27-08-2018	12:45	65.3	64.0	59.5	
27-08-2018	12:50	61.9	63.5	59.5	
27-08-2018	12:55	61.6	64.0	58.0	
27-08-2018	13:00	60.8	61.5	57.5	61.7
27-08-2018	13:05	62.8	63.0	57.5	
27-08-2018	13:10	61.6	63.0	59.5	
27-08-2018	13:15	60.5	61.5	58.0	
27-08-2018	13:20	60.4	62.0	57.0	
27-08-2018	13:25	63.1	64.0	59.5	
27-08-2018	13:30	61.4	62.5	58.5	62.5
27-08-2018	13:35	61.0	62.5	57.5	
27-08-2018	13:40	63.7	63.5	57.5	
27-08-2018	13:45	61.7	63.0	59.0	
27-08-2018	13:50	64.0	64.0	59.0	
27-08-2018	13:55	62.4	64.0	59.5	
27-08-2018	14:00	62.6	64.0	59.0	63.0
27-08-2018	14:05	63.4	64.0	59.0	
27-08-2018	14:10	62.4	64.0	59.5	
27-08-2018	14:15	63.3	65.0	59.5	
27-08-2018	14:20	61.9	63.5	59.5	
27-08-2018	14:25	64.0	65.5	60.0	
27-08-2018	14:30	63.5	65.0	60.5	63.6
27-08-2018	14:35	63.8	64.5	60.5	
27-08-2018	14:40	62.5	64.0	59.5	
27-08-2018	14:45	64.9	66.0	60.5	
27-08-2018	14:50	61.9	63.5	59.5	
27-08-2018	14:55	64.2	65.0	59.5	
27-08-2018	15:00	65.0	64.5	60.5	63.6
27-08-2018	15:05	62.7	64.0	59.5	
27-08-2018	15:10	62.9	64.0	60.0	
27-08-2018	15:15	64.8	64.5	60.5	
27-08-2018	15:20	63.5	65.5	60.0	
27-08-2018	15:25	61.4	62.5	59.5	
27-08-2018	15:30	62.2	63.5	59.5	60.4
27-08-2018	15:35	59.1	60.5	55.0	
27-08-2018	15:40	58.6	59.5	54.5	
27-08-2018	15:45	59.6	60.5	56.0	
27-08-2018	15:50	60.7	62.0	57.5	
27-08-2018	15:55	61.0	61.5	57.5	
27-08-2018	16:00	60.4	61.5	57.5	60.4
27-08-2018	16:05	60.6	62.0	57.5	
27-08-2018	16:10	60.8	62.0	58.0	
27-08-2018	16:15	60.3	61.5	57.5	
27-08-2018	16:20	59.9	61.0	57.0	
27-08-2018	16:25	60.5	62.0	57.5	

Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
27-08-2018	16:30	60.8	62.0	58.0	60.7
27-08-2018	16:35	60.8	62.0	58.0	
27-08-2018	16:40	60.3	61.5	57.5	
27-08-2018	16:45	60.5	61.5	57.5	
27-08-2018	16:50	60.9	62.0	58.0	
27-08-2018	16:55	60.6	62.0	57.5	
27-08-2018	17:00	60.3	61.5	57.5	60.9
27-08-2018	17:05	60.9	62.0	58.0	
27-08-2018	17:10	60.9	62.0	58.5	
27-08-2018	17:15	60.9	62.0	58.0	
27-08-2018	17:20	60.9	62.0	58.0	
27-08-2018	17:25	61.2	62.5	58.5	
27-08-2018	17:30	61.2	62.5	58.5	61.0
27-08-2018	17:35	61.6	62.0	57.5	
27-08-2018	17:40	60.3	61.5	57.5	
27-08-2018	17:45	61.0	62.5	58.5	
27-08-2018	17:50	61.0	62.0	58.5	
27-08-2018	17:55	60.5	61.5	58.0	
27-08-2018	18:00	61.0	62.0	58.5	60.8
27-08-2018	18:05	61.4	63.0	58.5	
27-08-2018	18:10	60.7	61.5	58.5	
27-08-2018	18:15	60.7	62.0	58.5	
27-08-2018	18:20	60.3	61.5	58.0	
27-08-2018	18:25	60.7	62.0	58.0	
27-08-2018	18:30	59.5	61.0	56.0	59.6
27-08-2018	18:35	59.3	60.5	55.5	
27-08-2018	18:40	59.1	60.5	56.0	
27-08-2018	18:45	60.4	61.5	57.5	
27-08-2018	18:50	59.6	61.0	56.0	
27-08-2018	18:55	59.6	61.0	56.0	
28-08-2018	7:00	65.6	62.0	54.5	61.4
28-08-2018	7:05	60.1	62.5	54.0	
28-08-2018	7:10	61.1	63.5	55.0	
28-08-2018	7:15	58.9	60.5	55.5	
28-08-2018	7:20	58.5	59.5	54.5	
28-08-2018	7:25	59.4	60.0	55.0	
28-08-2018	7:30	58.0	59.5	54.0	58.8
28-08-2018	7:35	58.7	60.0	55.0	
28-08-2018	7:40	58.2	59.5	54.5	
28-08-2018	7:45	59.4	61.0	55.5	
28-08-2018	7:50	59.1	60.5	55.5	
28-08-2018	7:55	59.1	60.0	56.0	
28-08-2018	8:00	59.9	62.0	56.5	59.8
28-08-2018	8:05	59.7	61.0	57.0	
28-08-2018	8:10	59.5	60.5	56.5	
28-08-2018	8:15	60.2	61.5	57.0	
28-08-2018	8:20	59.2	60.5	56.0	
28-08-2018	8:25	60.0	61.5	56.5	

Annex B3 - 111

Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
28-08-2018	8:30	60.2	61.5	57.5	60.7
28-08-2018	8:35	60.0	61.5	56.5	
28-08-2018	8:40	60.3	61.5	57.0	
28-08-2018	8:45	60.0	61.5	57.0	
28-08-2018	8:50	60.9	63.0	57.5	
28-08-2018	8:55	62.2	65.0	57.5	
28-08-2018	9:00	59.2	60.5	56.0	60.3
28-08-2018	9:05	60.0	61.0	57.0	
28-08-2018	9:10	59.5	60.5	57.0	
28-08-2018	9:15	59.9	61.0	57.0	
28-08-2018	9:20	60.3	62.0	57.0	
28-08-2018	9:25	62.0	65.0	58.0	
28-08-2018	9:30	60.1	61.5	57.0	60.2
28-08-2018	9:35	59.4	60.5	56.5	
28-08-2018	9:40	60.3	62.0	57.0	
28-08-2018	9:45	60.4	62.0	57.5	
28-08-2018	9:50	60.0	61.0	57.0	
28-08-2018	9:55	61.0	63.0	57.5	
28-08-2018	10:00	60.3	62.0	57.0	60.1
28-08-2018	10:05	60.7	62.0	57.5	
28-08-2018	10:10	60.0	61.5	57.0	
28-08-2018	10:15	59.9	61.0	57.0	
28-08-2018	10:20	60.3	62.0	57.0	
28-08-2018	10:25	59.5	61.0	56.5	
28-08-2018	10:30	60.1	61.5	57.0	60.0
28-08-2018	10:35	61.1	62.5	57.0	
28-08-2018	10:40	59.5	60.5	56.0	
28-08-2018	10:45	59.8	61.0	57.0	
28-08-2018	10:50	59.9	61.5	56.5	
28-08-2018	10:55	59.4	61.0	56.0	
28-08-2018	11:00	59.5	61.0	56.0	59.2
28-08-2018	11:05	59.6	61.0	56.5	
28-08-2018	11:10	60.1	62.0	56.5	
28-08-2018	11:15	58.4	59.5	54.5	
28-08-2018	11:20	58.8	60.0	55.5	
28-08-2018	11:25	58.5	60.0	55.0	
28-08-2018	11:30	58.6	60.0	54.5	59.0
28-08-2018	11:35	59.4	59.5	55.0	
28-08-2018	11:40	59.5	61.0	55.0	
28-08-2018	11:45	58.7	60.0	55.0	
28-08-2018	11:50	58.4	59.5	54.5	
28-08-2018	11:55	59.0	60.5	55.0	
28-08-2018	12:00	59.5	60.0	54.5	58.7
28-08-2018	12:05	58.3	59.5	54.5	
28-08-2018	12:10	58.3	59.5	54.5	
28-08-2018	12:15	58.6	60.0	54.5	
28-08-2018	12:20	58.9	60.5	55.0	
28-08-2018	12:25	58.7	60.0	54.5	

Annex B3 - 112

Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
28-08-2018	12:30	58.2	59.5	54.0	59.4
28-08-2018	12:35	58.5	60.0	54.5	
28-08-2018	12:40	58.6	60.0	54.5	
28-08-2018	12:45	59.2	60.5	56.0	
28-08-2018	12:50	60.1	61.5	56.0	
28-08-2018	12:55	61.1	62.0	56.5	
28-08-2018	17:00	60.9	62.0	58.5	59.1
28-08-2018	17:05	59.0	60.0	56.0	
28-08-2018	17:10	58.3	59.5	55.0	
28-08-2018	17:15	58.6	59.5	55.5	
28-08-2018	17:20	58.5	59.5	55.5	
28-08-2018	17:25	58.5	59.5	55.0	
28-08-2018	17:30	58.6	59.5	55.5	58.7
28-08-2018	17:35	58.8	60.0	56.0	
28-08-2018	17:40	59.3	60.5	56.5	
28-08-2018	17:45	58.7	60.0	55.5	
28-08-2018	17:50	58.3	59.5	55.0	
28-08-2018	17:55	58.5	59.5	55.5	
28-08-2018	18:00	58.2	59.5	55.0	62.9
28-08-2018	18:05	65.1	68.5	56.5	
28-08-2018	18:10	63.5	66.5	59.0	
28-08-2018	18:15	64.4	66.5	61.5	
28-08-2018	18:20	63.0	65.0	59.5	
28-08-2018	18:25	58.7	60.0	55.5	
28-08-2018	18:30	58.7	60.0	55.5	58.7
28-08-2018	18:35	58.6	59.5	55.5	
28-08-2018	18:40	58.6	59.5	55.5	
28-08-2018	18:45	58.7	60.0	55.5	
28-08-2018	18:50	58.7	60.0	55.5	
28-08-2018	18:55	58.7	60.0	55.5	
29-08-2018	7:00	58.1	59.0	54.0	58.0
29-08-2018	7:05	58.0	59.0	54.0	
29-08-2018	7:10	58.7	59.5	54.0	
29-08-2018	7:15	57.8	59.0	54.0	
29-08-2018	7:20	57.8	59.0	53.5	
29-08-2018	7:25	57.8	59.0	54.0	
29-08-2018	7:30	58.3	59.0	53.5	58.2
29-08-2018	7:35	58.2	59.0	54.0	
29-08-2018	7:40	58.1	59.5	54.0	
29-08-2018	7:45	57.8	59.0	54.0	
29-08-2018	7:50	58.4	59.5	55.0	
29-08-2018	7:55	58.5	59.5	55.5	
29-08-2018	8:00	59.9	62.0	56.0	59.3
29-08-2018	8:05	59.1	60.0	55.5	
29-08-2018	8:10	58.8	60.0	55.0	
29-08-2018	8:15	58.9	60.0	55.5	
29-08-2018	8:20	58.8	60.0	55.5	
29-08-2018	8:25	60.0	61.5	56.0	

Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
29-08-2018	8:30	63.1	65.5	59.5	63.2
29-08-2018	8:35	62.6	64.5	59.0	
29-08-2018	8:40	63.8	66.0	60.0	
29-08-2018	8:45	66.1	66.5	59.0	
29-08-2018	8:50	60.9	62.5	58.0	
29-08-2018	8:55	60.2	61.5	56.5	
29-08-2018	9:00	63.2	63.0	57.0	62.1
29-08-2018	9:05	61.3	63.0	58.5	
29-08-2018	9:10	60.2	61.5	56.5	
29-08-2018	9:15	64.3	62.0	56.5	
29-08-2018	9:20	61.8	63.0	58.5	
29-08-2018	9:25	60.0	61.0	57.0	
29-08-2018	9:30	59.4	60.0	56.0	61.9
29-08-2018	9:35	63.8	63.0	58.0	
29-08-2018	9:40	60.5	62.0	57.5	
29-08-2018	9:45	59.6	61.0	56.5	
29-08-2018	9:50	63.9	64.0	58.0	
29-08-2018	9:55	61.8	63.5	59.0	
29-08-2018	10:00	59.4	60.5	56.5	61.5
29-08-2018	10:05	59.5	60.5	56.5	
29-08-2018	10:10	64.0	63.0	58.0	
29-08-2018	10:15	60.5	62.0	57.5	
29-08-2018	10:20	62.5	63.5	58.5	
29-08-2018	10:25	60.9	62.5	57.0	
29-08-2018	10:30	63.4	64.0	58.5	66.2
29-08-2018	10:35	61.5	63.5	58.0	
29-08-2018	10:40	59.8	61.0	57.0	
29-08-2018	10:45	63.1	64.0	59.0	
29-08-2018	10:50	72.1	76.5	59.5	
29-08-2018	10:55	63.8	69.0	57.0	
29-08-2018	11:00	62.1	62.0	57.5	60.6
29-08-2018	11:05	62.7	64.5	59.0	
29-08-2018	11:10	60.2	61.5	57.5	
29-08-2018	11:15	59.6	61.0	57.0	
29-08-2018	11:20	58.9	60.0	55.5	
29-08-2018	11:25	58.5	59.5	55.0	
29-08-2018	11:30	58.3	59.5	54.5	58.4
29-08-2018	11:35	58.4	59.5	54.5	
29-08-2018	11:40	58.3	59.5	54.5	
29-08-2018	11:45	59.1	60.0	54.5	
29-08-2018	11:50	57.9	59.0	54.0	
29-08-2018	11:55	58.4	59.5	54.5	
29-08-2018	13:00	59.2	60.5	56.0	60.7
29-08-2018	13:05	59.2	60.5	56.5	
29-08-2018	13:10	61.8	62.5	58.0	
29-08-2018	13:15	60.5	61.5	58.0	
29-08-2018	13:20	60.4	61.5	58.0	
29-08-2018	13:25	62.2	62.5	59.0	



Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
29-08-2018	13:30	64.2	65.5	60.5	61.6
29-08-2018	13:35	62.2	64.0	59.5	
29-08-2018	13:40	59.7	61.0	57.0	
29-08-2018	13:45	59.2	60.0	56.5	
29-08-2018	13:50	61.5	62.0	57.0	
29-08-2018	13:55	60.9	62.5	58.0	
29-08-2018	14:00	59.5	60.5	56.5	61.4
29-08-2018	14:05	61.7	62.5	58.0	
29-08-2018	14:10	62.0	63.0	58.0	
29-08-2018	14:15	61.9	63.5	58.0	
29-08-2018	14:20	61.0	63.0	57.5	
29-08-2018	14:25	61.6	63.0	58.0	
29-08-2018	14:30	59.5	60.5	56.0	62.0
29-08-2018	14:35	61.1	62.5	58.0	
29-08-2018	14:40	65.8	65.0	58.5	
29-08-2018	14:45	61.7	63.0	59.0	
29-08-2018	14:50	60.8	62.0	58.0	
29-08-2018	14:55	59.5	61.0	56.5	
29-08-2018	15:00	63.4	64.5	58.0	62.0
29-08-2018	15:05	61.2	63.0	58.5	
29-08-2018	15:10	61.7	63.5	59.0	
29-08-2018	15:15	63.6	65.0	59.0	
29-08-2018	15:20	62.1	64.5	58.0	
29-08-2018	15:25	58.3	59.5	55.0	
29-08-2018	15:30	58.9	60.0	55.5	59.7
29-08-2018	15:35	58.2	59.5	54.5	
29-08-2018	15:40	58.2	59.5	54.5	
29-08-2018	15:45	61.8	65.0	56.5	
29-08-2018	15:50	60.2	62.0	57.0	
29-08-2018	15:55	59.6	61.0	57.0	
29-08-2018	16:00	60.6	61.5	57.5	59.5
29-08-2018	16:05	59.2	60.5	56.0	
29-08-2018	16:10	59.3	60.5	56.5	
29-08-2018	16:15	59.0	60.0	56.0	
29-08-2018	16:20	59.3	60.5	56.0	
29-08-2018	16:25	59.2	60.5	56.5	
29-08-2018	16:30	60.3	61.0	57.5	59.7
29-08-2018	16:35	59.9	61.0	57.5	
29-08-2018	16:40	59.5	60.5	57.0	
29-08-2018	16:45	59.4	60.5	56.5	
29-08-2018	16:50	59.8	61.0	57.0	
29-08-2018	16:55	59.4	60.5	56.5	
29-08-2018	17:00	59.5	60.5	57.0	58.9
29-08-2018	17:05	59.2	60.5	56.0	
29-08-2018	17:10	58.8	60.0	56.0	
29-08-2018	17:15	58.8	60.0	55.5	
29-08-2018	17:20	58.3	59.5	55.0	
29-08-2018	17:25	58.6	60.0	55.0	

Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
29-08-2018	17:30	59.1	61.0	55.0	58.7
29-08-2018	17:35	60.5	60.5	55.0	
29-08-2018	17:40	58.4	59.5	54.5	
29-08-2018	17:45	58.1	59.5	54.5	
29-08-2018	17:50	57.7	59.0	53.5	
29-08-2018	17:55	57.7	59.0	53.5	
29-08-2018	18:00	58.4	59.5	54.5	58.5
29-08-2018	18:05	58.1	59.5	54.5	
29-08-2018	18:10	58.9	60.5	54.5	
29-08-2018	18:15	58.1	59.5	54.5	
29-08-2018	18:20	59.4	61.0	55.0	
29-08-2018	18:25	58.1	59.0	54.5	
29-08-2018	18:30	59.6	61.5	55.0	58.7
29-08-2018	18:35	59.2	60.5	55.5	
29-08-2018	18:40	58.3	59.5	55.0	
29-08-2018	18:45	58.7	60.0	55.0	
29-08-2018	18:50	58.2	59.5	55.0	
29-08-2018	18:55	58.2	59.5	55.0	
30-08-2018	7:00	59.0	60.0	55.0	58.4
30-08-2018	7:05	58.2	59.5	54.5	
30-08-2018	7:10	57.6	59.0	53.5	
30-08-2018	7:15	57.8	59.0	54.0	
30-08-2018	7:20	59.0	60.0	54.5	
30-08-2018	7:25	58.7	59.5	54.0	
30-08-2018	7:30	58.1	59.5	54.0	58.6
30-08-2018	7:35	57.7	59.0	54.0	
30-08-2018	7:40	58.4	59.5	55.0	
30-08-2018	7:45	58.0	59.5	54.0	
30-08-2018	7:50	58.6	59.5	55.0	
30-08-2018	7:55	60.3	61.0	55.5	
30-08-2018	8:00	63.2	66.5	56.5	61.3
30-08-2018	8:05	59.4	60.0	56.0	
30-08-2018	8:10	61.1	63.5	57.0	
30-08-2018	8:15	62.0	63.5	59.5	
30-08-2018	8:20	60.1	61.0	57.5	
30-08-2018	8:25	61.2	63.0	57.5	
30-08-2018	8:30	64.9	64.0	58.5	62.4
30-08-2018	8:35	59.5	61.0	56.0	
30-08-2018	8:40	62.7	63.5	56.5	
30-08-2018	8:45	60.9	62.0	58.0	
30-08-2018	8:50	61.2	62.0	57.5	
30-08-2018	8:55	63.2	62.0	57.5	
30-08-2018	9:00	60.3	61.5	57.0	62.3
30-08-2018	9:05	61.0	62.5	58.0	
30-08-2018	9:10	66.2	63.5	57.5	
30-08-2018	9:15	59.4	61.0	55.5	
30-08-2018	9:20	62.0	62.5	57.0	
30-08-2018	9:25	60.5	61.5	58.0	

Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
30-08-2018	9:30	60.2	61.5	57.0	62.0
30-08-2018	9:35	63.9	62.5	58.0	
30-08-2018	9:40	61.0	62.5	58.0	
30-08-2018	9:45	62.7	62.0	57.5	
30-08-2018	9:50	60.6	62.0	57.5	
30-08-2018	9:55	62.6	62.0	58.0	
30-08-2018	10:00	60.4	61.5	57.5	61.9
30-08-2018	10:05	61.7	64.0	57.5	
30-08-2018	10:10	62.4	64.0	58.0	
30-08-2018	10:15	61.4	63.0	58.5	
30-08-2018	10:20	63.2	64.5	58.0	
30-08-2018	10:25	61.6	63.0	59.0	
30-08-2018	10:30	60.8	63.0	56.5	61.9
30-08-2018	10:35	63.8	62.5	58.0	
30-08-2018	10:40	60.8	62.0	58.5	
30-08-2018	10:45	61.1	62.0	58.0	
30-08-2018	10:50	62.4	64.0	59.0	
30-08-2018	10:55	61.8	63.0	59.0	
30-08-2018	11:00	61.2	62.5	58.5	60.6
30-08-2018	11:05	61.3	62.5	58.5	
30-08-2018	11:10	62.1	64.0	58.5	
30-08-2018	11:15	58.4	59.5	54.5	
30-08-2018	11:20	61.2	65.0	55.0	
30-08-2018	11:25	57.6	59.0	53.0	
30-08-2018	11:30	58.6	59.5	54.5	58.0
30-08-2018	11:35	57.7	59.0	53.5	
30-08-2018	11:40	57.7	59.0	53.5	
30-08-2018	11:45	57.9	59.0	53.5	
30-08-2018	11:50	57.8	59.0	53.5	
30-08-2018	11:55	58.1	59.0	53.5	
30-08-2018	12:00	57.6	59.0	53.0	57.6
30-08-2018	12:05	57.5	59.0	53.0	
30-08-2018	12:10	57.8	59.0	53.5	
30-08-2018	12:15	57.6	59.0	53.0	
30-08-2018	12:20	57.6	59.0	53.0	
30-08-2018	12:25	57.5	59.0	53.0	
30-08-2018	12:30	57.7	59.0	53.5	60.5
30-08-2018	12:35	58.7	60.0	54.5	
30-08-2018	12:40	61.1	62.5	56.0	
30-08-2018	12:45	62.2	62.5	57.5	
30-08-2018	12:50	61.1	62.5	57.0	
30-08-2018	12:55	60.6	62.0	57.5	
30-08-2018	13:00	61.5	62.5	58.0	61.4
30-08-2018	13:05	61.9	63.0	58.0	
30-08-2018	13:10	61.3	63.0	58.0	
30-08-2018	13:15	61.8	63.0	58.0	
30-08-2018	13:20	62.0	63.0	58.5	
30-08-2018	13:25	59.7	61.0	57.0	

Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
30-08-2018	13:30	61.9	64.0	58.0	61.4
30-08-2018	13:35	62.1	63.5	59.0	
30-08-2018	13:40	61.0	62.5	58.0	
30-08-2018	13:45	60.6	62.0	57.5	
30-08-2018	13:50	61.0	63.0	57.5	
30-08-2018	13:55	61.4	62.5	57.0	
30-08-2018	14:00	59.9	61.5	56.5	61.0
30-08-2018	14:05	61.2	62.5	58.0	
30-08-2018	14:10	62.0	62.5	58.0	
30-08-2018	14:15	60.7	62.0	57.5	
30-08-2018	14:20	61.0	62.5	58.0	
30-08-2018	14:25	60.8	62.0	58.0	
30-08-2018	14:30	61.6	63.0	57.5	60.3
30-08-2018	14:35	59.6	61.5	55.5	
30-08-2018	14:40	59.0	60.5	56.0	
30-08-2018	14:45	59.8	61.0	57.0	
30-08-2018	14:50	60.7	62.0	58.0	
30-08-2018	14:55	60.7	62.0	58.0	
30-08-2018	15:00	62.0	64.0	58.5	61.6
30-08-2018	15:05	60.6	62.0	58.0	
30-08-2018	15:10	61.5	63.5	58.5	
30-08-2018	15:15	61.3	62.0	58.0	
30-08-2018	15:20	61.2	62.5	58.0	
30-08-2018	15:25	62.8	64.5	59.5	
30-08-2018	15:30	62.9	65.5	59.5	61.2
30-08-2018	15:35	62.1	64.0	59.0	
30-08-2018	15:40	58.8	60.0	55.0	
30-08-2018	15:45	59.9	61.0	56.0	
30-08-2018	15:50	61.6	63.0	58.5	
30-08-2018	15:55	60.9	62.5	57.5	
30-08-2018	16:00	62.9	65.5	59.0	62.0
30-08-2018	16:05	61.7	64.0	58.0	
30-08-2018	16:10	61.5	63.5	58.0	
30-08-2018	16:15	61.9	64.0	58.0	
30-08-2018	16:20	61.1	62.5	57.5	
30-08-2018	16:25	62.7	65.0	59.0	
30-08-2018	16:30	62.5	64.5	59.0	62.5
30-08-2018	16:35	61.8	63.5	58.0	
30-08-2018	16:40	62.9	65.5	58.5	
30-08-2018	16:45	62.1	64.0	59.0	
30-08-2018	16:50	63.8	66.0	60.5	
30-08-2018	16:55	61.6	63.0	57.5	
30-08-2018	17:00	63.2	65.5	59.0	62.3
30-08-2018	17:05	61.3	63.0	58.0	
30-08-2018	17:10	62.5	64.5	58.0	
30-08-2018	17:15	61.9	63.5	57.5	
30-08-2018	17:20	62.0	63.5	58.5	
30-08-2018	17:25	62.6	65.0	58.0	

Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
30-08-2018	17:30	61.0	62.5	57.5	61.3
30-08-2018	17:35	61.4	62.5	58.5	
30-08-2018	17:40	61.1	62.0	58.0	
30-08-2018	17:45	63.4	66.0	59.0	
30-08-2018	17:50	60.9	63.5	56.0	
30-08-2018	17:55	58.9	60.5	55.0	
30-08-2018	18:00	57.9	59.0	54.0	58.3
30-08-2018	18:05	58.1	59.5	53.5	
30-08-2018	18:10	59.1	61.0	55.0	
30-08-2018	18:15	57.7	59.0	53.5	
30-08-2018	18:20	59.0	61.0	55.0	
30-08-2018	18:25	57.7	59.0	53.5	
30-08-2018	18:30	57.9	59.0	54.0	58.3
30-08-2018	18:35	58.0	59.5	54.0	
30-08-2018	18:40	57.6	59.0	53.5	
30-08-2018	18:45	58.3	59.5	54.5	
30-08-2018	18:50	58.5	60.0	55.0	
30-08-2018	18:55	59.1	60.5	56.0	
31-08-2018	7:00	61.2	63.5	53.0	66.2
31-08-2018	7:05	69.5	73.0	59.5	
31-08-2018	7:10	61.7	64.5	56.0	
31-08-2018	7:15	68.9	72.0	61.5	
31-08-2018	7:20	66.7	71.0	58.5	
31-08-2018	7:25	60.0	64.0	53.5	
31-08-2018	7:30	58.3	60.0	53.0	64.2
31-08-2018	7:35	59.1	60.5	53.0	
31-08-2018	7:40	68.9	69.0	53.0	
31-08-2018	7:45	58.8	60.5	53.0	
31-08-2018	7:50	59.7	62.0	55.0	
31-08-2018	7:55	66.8	70.5	59.0	
31-08-2018	8:00	59.3	60.5	55.5	61.1
31-08-2018	8:05	60.1	62.0	56.5	
31-08-2018	8:10	62.8	64.5	58.0	
31-08-2018	8:15	59.8	61.0	56.5	
31-08-2018	8:20	61.5	62.0	58.0	
31-08-2018	8:25	62.1	63.5	59.0	
31-08-2018	8:30	60.9	63.0	56.5	61.6
31-08-2018	8:35	61.1	62.5	56.5	
31-08-2018	8:40	61.5	62.5	57.5	
31-08-2018	8:45	62.6	64.5	58.5	
31-08-2018	8:50	61.0	62.5	57.5	
31-08-2018	8:55	62.2	64.0	58.5	
31-08-2018	9:00	62.8	65.0	58.5	62.1
31-08-2018	9:05	61.5	63.0	58.5	
31-08-2018	9:10	62.4	63.0	58.0	
31-08-2018	9:15	60.3	62.0	57.0	
31-08-2018	9:20	63.1	64.5	58.5	
31-08-2018	9:25	61.8	63.0	59.0	

Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
31-08-2018	9:30	61.5	63.0	59.0	61.5
31-08-2018	9:35	60.9	62.0	58.5	
31-08-2018	9:40	61.0	62.0	58.0	
31-08-2018	9:45	61.7	62.0	58.5	
31-08-2018	9:50	62.3	63.5	59.0	
31-08-2018	9:55	61.6	63.5	58.0	
31-08-2018	10:00	61.3	62.5	58.5	61.8
31-08-2018	10:05	61.3	62.5	58.5	
31-08-2018	10:10	61.9	63.5	59.0	
31-08-2018	10:15	61.5	63.0	58.5	
31-08-2018	10:20	62.5	64.5	58.5	
31-08-2018	10:25	62.0	63.5	59.0	
31-08-2018	10:30	60.8	62.0	58.0	61.2
31-08-2018	10:35	60.8	62.5	57.0	
31-08-2018	10:40	62.0	64.0	58.5	
31-08-2018	10:45	62.2	64.0	59.0	
31-08-2018	10:50	61.2	62.5	58.0	
31-08-2018	10:55	60.0	61.5	57.0	
31-08-2018	11:00	62.0	62.5	58.0	59.7
31-08-2018	11:05	61.2	63.0	58.5	
31-08-2018	11:10	58.7	60.0	55.0	
31-08-2018	11:15	58.3	59.5	54.5	
31-08-2018	11:20	58.4	59.5	54.5	
31-08-2018	11:25	58.0	59.0	54.0	
31-08-2018	11:30	58.2	59.5	54.0	58.1
31-08-2018	11:35	58.1	59.5	54.0	
31-08-2018	11:40	58.6	59.5	54.5	
31-08-2018	11:45	58.2	59.5	54.0	
31-08-2018	11:50	57.8	59.0	53.5	
31-08-2018	11:55	57.9	59.0	53.5	
31-08-2018	12:00	59.0	60.0	54.0	58.4
31-08-2018	12:05	58.3	59.5	54.0	
31-08-2018	12:10	58.6	60.0	54.5	
31-08-2018	12:15	57.8	59.0	53.0	
31-08-2018	12:20	57.9	59.0	53.0	
31-08-2018	12:25	58.5	60.0	54.0	
31-08-2018	12:30	57.9	59.0	53.5	58.4
31-08-2018	12:35	58.4	59.5	54.0	
31-08-2018	12:40	58.2	59.5	54.0	
31-08-2018	12:45	58.8	60.0	55.0	
31-08-2018	12:50	58.2	59.5	54.5	
31-08-2018	12:55	58.8	60.0	55.0	
31-08-2018	13:00	58.7	60.0	55.0	58.9
31-08-2018	13:05	58.9	60.0	55.5	
31-08-2018	13:10	58.8	60.0	56.0	
31-08-2018	13:15	59.0	60.0	56.0	
31-08-2018	13:20	59.0	60.0	55.5	
31-08-2018	13:25	59.2	60.5	55.5	

Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
31-08-2018	13:30	62.3	64.0	58.5	61.7
31-08-2018	13:35	62.2	64.0	58.5	
31-08-2018	13:40	61.4	63.0	58.0	
31-08-2018	13:45	61.4	63.0	58.0	
31-08-2018	13:50	61.9	63.5	58.5	
31-08-2018	13:55	60.5	62.0	57.0	
31-08-2018	14:00	63.0	63.5	57.5	61.5
31-08-2018	14:05	61.9	63.5	58.5	
31-08-2018	14:10	59.5	61.0	55.5	
31-08-2018	14:15	62.5	61.5	57.0	
31-08-2018	14:20	61.6	63.5	58.0	
31-08-2018	14:25	59.2	60.5	55.5	
31-08-2018	14:30	62.0	61.5	56.5	60.5
31-08-2018	14:35	59.7	61.5	55.0	
31-08-2018	14:40	58.5	60.0	54.5	
31-08-2018	14:45	61.5	61.5	56.0	
31-08-2018	14:50	61.1	62.5	57.5	
31-08-2018	14:55	59.2	60.0	55.5	
31-08-2018	15:00	61.1	62.0	58.0	60.8
31-08-2018	15:05	61.0	63.0	57.5	
31-08-2018	15:10	59.9	61.5	56.0	
31-08-2018	15:15	61.0	61.5	57.5	
31-08-2018	15:20	60.8	62.5	56.5	
31-08-2018	15:25	61.0	62.5	56.0	
31-08-2018	15:30	59.0	59.5	54.5	59.0
31-08-2018	15:35	59.0	60.0	55.0	
31-08-2018	15:40	58.7	60.0	55.0	
31-08-2018	15:45	58.9	60.0	55.5	
31-08-2018	15:50	59.4	61.0	55.5	
31-08-2018	15:55	58.9	60.0	55.0	
31-08-2018	16:00	59.6	61.5	54.5	58.7
31-08-2018	16:05	58.7	60.0	55.0	
31-08-2018	16:10	58.5	59.5	55.0	
31-08-2018	16:15	57.9	59.0	54.0	
31-08-2018	16:20	58.7	60.0	55.5	
31-08-2018	16:25	58.5	59.5	55.0	
31-08-2018	16:30	58.6	60.0	55.0	58.3
31-08-2018	16:35	58.1	59.5	54.5	
31-08-2018	16:40	58.3	59.5	55.0	
31-08-2018	16:45	58.1	59.0	54.0	
31-08-2018	16:50	58.0	59.0	54.0	
31-08-2018	16:55	58.8	60.0	55.0	
31-08-2018	17:00	58.7	60.0	55.0	58.8
31-08-2018	17:05	58.2	59.5	54.0	
31-08-2018	17:10	58.1	59.5	54.0	
31-08-2018	17:15	58.4	60.0	55.0	
31-08-2018	17:20	58.8	59.5	54.0	
31-08-2018	17:25	60.3	61.5	55.0	

Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
31-08-2018	17:30	57.7	59.0	53.5	57.9
31-08-2018	17:35	57.8	59.0	53.5	
31-08-2018	17:40	58.3	59.5	54.0	
31-08-2018	17:45	58.1	59.5	54.0	
31-08-2018	17:50	57.7	59.0	53.0	
31-08-2018	17:55	57.5	58.5	53.0	
31-08-2018	18:00	57.7	59.0	53.5	57.8
31-08-2018	18:05	57.8	59.0	53.5	
31-08-2018	18:10	57.7	59.0	53.5	
31-08-2018	18:15	57.7	59.0	53.5	
31-08-2018	18:20	58.1	59.5	54.0	
31-08-2018	18:25	57.9	59.0	54.0	
31-08-2018	18:30	58.5	59.5	54.5	58.5
31-08-2018	18:35	58.7	60.0	55.0	
31-08-2018	18:40	58.6	60.0	55.0	
31-08-2018	18:45	58.2	59.5	54.5	
31-08-2018	18:50	58.2	59.5	54.0	
31-08-2018	18:55	58.9	61.0	55.0	
01-09-2018	7:00	58.1	60.0	53.5	58.0
01-09-2018	7:05	58.5	59.5	52.5	
01-09-2018	7:10	57.7	59.0	53.5	
01-09-2018	7:15	58.3	59.5	53.5	
01-09-2018	7:20	57.3	58.5	52.5	
01-09-2018	7:25	58.1	59.5	54.5	
01-09-2018	7:30	57.4	58.5	52.5	57.7
01-09-2018	7:35	57.5	59.0	52.5	
01-09-2018	7:40	57.5	59.0	52.5	
01-09-2018	7:45	57.1	58.5	52.0	
01-09-2018	7:50	57.7	59.0	53.0	
01-09-2018	7:55	59.0	60.0	55.0	
01-09-2018	8:00	60.2	62.0	56.5	61.2
01-09-2018	8:05	61.4	62.5	58.0	
01-09-2018	8:10	61.6	63.5	57.5	
01-09-2018	8:15	59.1	60.0	56.0	
01-09-2018	8:20	59.0	60.0	56.0	
01-09-2018	8:25	63.7	63.0	59.0	
01-09-2018	8:30	61.8	63.0	58.5	61.8
01-09-2018	8:35	64.1	67.5	59.0	
01-09-2018	8:40	61.5	64.0	57.5	
01-09-2018	8:45	61.7	63.0	59.0	
01-09-2018	8:50	60.6	61.5	58.0	
01-09-2018	8:55	59.7	61.0	57.0	
01-09-2018	9:00	62.3	62.5	57.0	61.8
01-09-2018	9:05	61.8	63.0	59.5	
01-09-2018	9:10	61.6	63.0	58.5	
01-09-2018	9:15	59.8	61.0	57.0	
01-09-2018	9:20	62.2	63.5	58.5	
01-09-2018	9:25	62.5	64.0	59.5	

Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
01-09-2018	12:00	64.2	66.0	60.5	61.8
01-09-2018	12:05	60.6	62.0	58.5	
01-09-2018	12:10	60.3	61.5	58.0	
01-09-2018	12:15	61.7	63.0	59.5	
01-09-2018	12:20	61.4	62.5	59.5	
01-09-2018	12:25	61.3	62.0	59.5	
01-09-2018	12:30	60.4	61.5	58.5	60.1
01-09-2018	12:35	59.5	60.5	57.0	
01-09-2018	12:40	59.8	60.5	57.5	
01-09-2018	12:45	60.7	62.5	58.0	
01-09-2018	12:50	60.1	61.0	58.0	
01-09-2018	12:55	60.2	61.0	58.0	
01-09-2018	13:00	59.7	60.5	57.5	61.9
01-09-2018	13:05	59.7	60.5	57.0	
01-09-2018	13:10	62.1	63.5	60.0	
01-09-2018	13:15	63.3	65.0	60.0	
01-09-2018	13:20	63.5	65.0	61.5	
01-09-2018	13:25	61.7	63.0	59.5	
01-09-2018	13:30	62.8	64.5	60.5	66.8
01-09-2018	13:35	66.5	68.5	64.0	
01-09-2018	13:40	68.3	72.0	61.5	
01-09-2018	13:45	67.4	70.0	64.0	
01-09-2018	13:50	67.2	68.5	63.5	
01-09-2018	13:55	66.6	69.5	62.5	
01-09-2018	14:00	63.6	65.0	61.5	62.9
01-09-2018	14:05	63.9	65.5	61.5	
01-09-2018	14:10	62.9	64.0	61.0	
01-09-2018	14:15	62.0	63.0	60.0	
01-09-2018	14:20	61.5	62.5	59.5	
01-09-2018	14:25	63.2	65.0	60.5	
01-09-2018	14:30	64.2	66.0	61.5	63.0
01-09-2018	14:35	63.9	65.5	61.5	
01-09-2018	14:40	61.7	62.5	60.0	
01-09-2018	14:45	61.7	62.5	60.0	
01-09-2018	14:50	62.8	64.0	60.0	
01-09-2018	14:55	63.1	65.0	60.0	
01-09-2018	15:00	63.4	65.5	60.5	61.8
01-09-2018	15:05	62.9	64.5	60.5	
01-09-2018	15:10	61.6	63.0	59.5	
01-09-2018	15:15	60.8	62.0	59.0	
01-09-2018	15:20	60.7	62.0	58.0	
01-09-2018	15:25	60.3	61.5	58.0	
01-09-2018	15:30	59.6	60.5	57.5	59.9
01-09-2018	15:35	59.8	61.0	57.5	
01-09-2018	15:40	60.1	61.0	57.5	
01-09-2018	15:45	59.9	61.0	57.5	
01-09-2018	15:50	60.1	61.0	58.0	
01-09-2018	15:55	59.9	61.0	57.5	

Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
01-09-2018	16:00	60.2	61.0	58.0	59.8
01-09-2018	16:05	59.8	60.5	57.5	
01-09-2018	16:10	59.8	60.5	57.0	
01-09-2018	16:15	59.5	60.5	57.0	
01-09-2018	16:20	59.5	60.5	57.0	
01-09-2018	16:25	59.7	60.5	57.5	
01-09-2018	16:30	59.9	61.0	57.5	60.2
01-09-2018	16:35	60.1	61.5	57.5	
01-09-2018	16:40	59.8	61.0	57.5	
01-09-2018	16:45	61.0	62.5	58.0	
01-09-2018	16:50	60.1	61.0	58.0	
01-09-2018	16:55	60.0	61.0	58.0	
01-09-2018	17:00	59.9	61.0	57.5	60.0
01-09-2018	17:05	60.5	61.5	58.0	
01-09-2018	17:10	60.3	61.5	57.5	
01-09-2018	17:15	60.2	61.5	57.5	
01-09-2018	17:20	59.4	60.5	56.5	
01-09-2018	17:25	59.4	60.5	57.0	
01-09-2018	17:30	59.4	60.5	56.5	59.4
01-09-2018	17:35	59.2	60.0	56.5	
01-09-2018	17:40	59.4	60.5	56.5	
01-09-2018	17:45	59.5	60.5	57.0	
01-09-2018	17:50	59.5	60.5	57.0	
01-09-2018	17:55	59.6	60.5	57.0	
01-09-2018	18:00	59.2	60.0	56.5	59.0
01-09-2018	18:05	58.9	60.0	56.0	
01-09-2018	18:10	58.7	60.0	55.5	
01-09-2018	18:15	58.9	60.0	56.0	
01-09-2018	18:20	59.3	60.5	56.5	
01-09-2018	18:25	59.2	60.0	56.0	
01-09-2018	18:30	59.2	60.5	56.5	59.2
01-09-2018	18:35	58.9	60.0	55.5	
01-09-2018	18:40	59.9	61.0	56.0	
01-09-2018	18:45	58.7	60.0	55.5	
01-09-2018	18:50	58.9	60.0	56.0	
01-09-2018	18:55	59.6	62.0	55.5	
03-09-2018	11:00	62.5	65.0	59.0	59.9
03-09-2018	11:05	59.5	60.5	56.5	
03-09-2018	11:10	59.3	60.0	55.5	
03-09-2018	11:15	58.9	60.5	55.0	
03-09-2018	11:20	59.0	60.0	55.0	
03-09-2018	11:25	59.0	60.0	55.5	
03-09-2018	11:30	58.5	59.5	54.5	58.9
03-09-2018	11:35	59.0	60.0	55.5	
03-09-2018	11:40	58.9	60.0	55.0	
03-09-2018	11:45	59.4	60.5	55.5	
03-09-2018	11:50	58.6	60.0	55.0	
03-09-2018	11:55	59.0	60.0	55.5	

Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
03-09-2018	12:00	58.9	60.0	55.5	59.5
03-09-2018	12:05	60.1	61.5	56.0	
03-09-2018	12:10	59.8	61.5	55.5	
03-09-2018	12:15	60.3	62.0	56.5	
03-09-2018	12:20	58.6	60.0	54.5	
03-09-2018	12:25	59.2	60.5	55.0	
03-09-2018	12:30	59.4	61.0	55.0	61.9
03-09-2018	12:35	62.1	64.0	57.5	
03-09-2018	12:40	61.4	63.5	58.0	
03-09-2018	12:45	62.9	65.0	59.5	
03-09-2018	12:50	63.0	65.0	59.5	
03-09-2018	12:55	61.7	63.0	59.0	
03-09-2018	13:00	61.6	63.0	59.0	61.7
03-09-2018	13:05	61.6	62.5	58.0	
03-09-2018	13:10	61.9	63.0	59.5	
03-09-2018	13:15	62.4	64.0	59.5	
03-09-2018	13:20	61.2	62.5	58.5	
03-09-2018	13:25	61.4	63.0	58.0	
03-09-2018	13:30	61.0	62.0	57.0	61.5
03-09-2018	13:35	61.0	62.0	58.0	
03-09-2018	13:40	60.7	62.0	57.5	
03-09-2018	13:45	61.4	63.0	58.0	
03-09-2018	13:50	61.2	63.0	57.5	
03-09-2018	13:55	63.0	63.5	58.0	
03-09-2018	14:00	60.9	62.5	57.5	61.8
03-09-2018	14:05	60.0	61.0	56.5	
03-09-2018	14:10	62.7	63.5	59.0	
03-09-2018	14:15	61.6	63.0	59.0	
03-09-2018	14:20	63.6	63.5	59.0	
03-09-2018	14:25	61.0	63.0	57.5	
03-09-2018	14:30	60.7	61.5	56.5	61.6
03-09-2018	14:35	60.7	62.0	58.0	
03-09-2018	14:40	61.7	62.5	57.5	
03-09-2018	14:45	61.0	62.0	58.5	
03-09-2018	14:50	61.3	62.5	58.5	
03-09-2018	14:55	63.4	63.5	58.5	
03-09-2018	15:00	60.6	61.5	58.0	61.4
03-09-2018	15:05	61.9	62.0	57.5	
03-09-2018	15:10	61.3	63.0	58.5	
03-09-2018	15:15	61.9	63.5	59.0	
03-09-2018	15:20	62.2	64.0	58.0	
03-09-2018	15:25	60.2	61.5	57.5	
03-09-2018	15:30	59.4	60.5	56.5	59.3
03-09-2018	15:35	59.0	60.5	55.5	
03-09-2018	15:40	59.2	60.5	56.0	
03-09-2018	15:45	59.4	60.5	56.5	
03-09-2018	15:50	59.6	61.0	56.5	
03-09-2018	15:55	59.4	60.5	56.0	

Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
03-09-2018	16:00	59.0	60.0	55.5	59.4
03-09-2018	16:05	59.6	60.5	55.5	
03-09-2018	16:10	59.6	61.0	56.0	
03-09-2018	16:15	59.6	61.0	55.5	
03-09-2018	16:20	59.4	60.5	56.5	
03-09-2018	16:25	59.0	60.0	56.0	
03-09-2018	16:30	58.9	60.0	56.0	59.6
03-09-2018	16:35	59.7	61.0	56.5	
03-09-2018	16:40	60.1	61.5	57.0	
03-09-2018	16:45	59.1	60.0	56.0	
03-09-2018	16:50	59.3	60.5	56.0	
03-09-2018	16:55	60.3	61.5	57.5	
03-09-2018	17:00	59.3	60.5	56.5	59.4
03-09-2018	17:05	59.5	61.0	56.5	
03-09-2018	17:10	59.7	61.0	56.0	
03-09-2018	17:15	58.5	59.5	55.0	
03-09-2018	17:20	60.2	60.5	56.5	
03-09-2018	17:25	59.0	60.0	56.0	
03-09-2018	17:30	58.8	60.0	55.5	58.8
03-09-2018	17:35	58.6	60.0	55.5	
03-09-2018	17:40	58.7	60.0	55.5	
03-09-2018	17:45	59.4	60.5	56.0	
03-09-2018	17:50	58.7	60.0	55.5	
03-09-2018	17:55	58.7	60.0	55.5	
03-09-2018	18:00	58.5	59.5	55.0	58.7
03-09-2018	18:05	58.4	59.5	54.5	
03-09-2018	18:10	59.2	60.5	55.0	
03-09-2018	18:15	58.5	60.0	55.0	
03-09-2018	18:20	58.8	60.0	55.5	
03-09-2018	18:25	58.5	60.0	55.0	
03-09-2018	18:30	58.4	59.5	54.5	58.3
03-09-2018	18:35	58.5	59.5	55.0	
03-09-2018	18:40	58.8	60.0	56.0	
03-09-2018	18:45	58.0	59.0	54.5	
03-09-2018	18:50	58.0	59.0	54.5	
03-09-2018	18:55	57.8	59.0	54.0	
04-09-2018	7:00	58.5	59.0	53.0	57.8
04-09-2018	7:05	58.4	60.0	53.5	
04-09-2018	7:10	57.3	58.5	53.0	
04-09-2018	7:15	57.3	58.5	53.5	
04-09-2018	7:20	56.7	58.0	52.0	
04-09-2018	7:25	58.5	60.5	53.0	
04-09-2018	7:30	57.2	58.5	53.0	58.3
04-09-2018	7:35	57.3	58.5	53.0	
04-09-2018	7:40	57.5	58.5	53.0	
04-09-2018	7:45	57.9	59.0	53.5	
04-09-2018	7:50	58.9	60.5	55.0	
04-09-2018	7:55	60.2	61.5	56.5	

Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
04-09-2018	8:00	60.7	62.5	57.0	61.9
04-09-2018	8:05	59.1	60.0	56.5	
04-09-2018	8:10	60.8	62.0	58.0	
04-09-2018	8:15	61.6	63.0	59.0	
04-09-2018	8:20	64.2	66.5	59.0	
04-09-2018	8:25	63.0	64.5	59.5	
04-09-2018	8:30	61.8	64.0	58.5	62.8
04-09-2018	8:35	62.4	63.0	58.0	
04-09-2018	8:40	62.4	64.0	60.0	
04-09-2018	8:45	64.0	66.0	61.0	
04-09-2018	8:50	63.1	62.5	58.5	
04-09-2018	8:55	62.8	65.5	59.0	
04-09-2018	9:00	60.1	61.0	57.0	60.8
04-09-2018	9:05	62.6	64.0	57.5	
04-09-2018	9:10	60.3	61.5	57.5	
04-09-2018	9:15	59.1	60.5	56.0	
04-09-2018	9:20	61.6	62.5	58.0	
04-09-2018	9:25	60.5	62.0	57.5	
04-09-2018	9:30	59.0	60.0	56.0	60.6
04-09-2018	9:35	61.6	62.5	58.5	
04-09-2018	9:40	60.1	61.5	57.0	
04-09-2018	9:45	59.7	61.0	57.0	
04-09-2018	9:50	62.2	63.0	58.0	
04-09-2018	9:55	60.4	61.5	58.0	
04-09-2018	10:00	59.2	60.0	56.5	61.3
04-09-2018	10:05	62.7	63.0	58.0	
04-09-2018	10:10	60.6	61.5	57.0	
04-09-2018	10:15	62.3	63.0	58.5	
04-09-2018	10:20	61.4	62.5	58.5	
04-09-2018	10:25	60.7	61.5	58.0	
04-09-2018	10:30	62.7	64.0	58.5	61.4
04-09-2018	10:35	61.5	63.0	58.5	
04-09-2018	10:40	60.9	62.0	58.0	
04-09-2018	10:45	62.5	63.5	58.5	
04-09-2018	10:50	60.4	62.0	57.0	
04-09-2018	10:55	59.8	61.0	57.0	
04-09-2018	11:00	59.5	60.5	56.5	58.9
04-09-2018	11:05	58.6	60.0	55.0	
04-09-2018	11:10	58.8	60.0	55.5	
04-09-2018	11:15	58.9	59.5	54.5	
04-09-2018	11:20	58.5	59.5	54.5	
04-09-2018	11:25	59.2	60.0	55.5	
04-09-2018	11:30	59.5	60.5	56.0	59.2
04-09-2018	11:35	58.9	60.0	55.5	
04-09-2018	11:40	60.1	61.5	55.0	
04-09-2018	11:45	58.7	60.0	55.0	
04-09-2018	11:50	58.8	60.0	55.0	
04-09-2018	11:55	58.9	60.0	55.0	

Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
04-09-2018	12:00	58.6	59.5	54.5	58.8
04-09-2018	12:05	58.7	60.0	55.0	
04-09-2018	12:10	59.2	60.0	55.0	
04-09-2018	12:15	59.2	60.5	55.0	
04-09-2018	12:20	58.4	59.5	54.5	
04-09-2018	12:25	58.4	59.5	54.0	
04-09-2018	12:30	59.5	60.5	55.5	62.7
04-09-2018	12:35	63.3	65.0	58.0	
04-09-2018	12:40	62.9	65.0	59.5	
04-09-2018	12:45	62.6	64.5	59.5	
04-09-2018	12:50	63.3	65.0	60.5	
04-09-2018	12:55	63.3	65.0	60.5	
04-09-2018	13:00	62.6	63.5	60.0	62.2
04-09-2018	13:05	61.8	63.0	59.0	
04-09-2018	13:10	62.9	65.0	59.5	
04-09-2018	13:15	62.5	64.0	59.0	
04-09-2018	13:20	60.8	62.5	57.5	
04-09-2018	13:25	62.0	62.5	57.5	
04-09-2018	13:30	61.7	63.0	59.0	61.6
04-09-2018	13:35	61.4	63.0	57.5	
04-09-2018	13:40	62.3	63.5	58.5	
04-09-2018	13:45	60.7	62.0	57.5	
04-09-2018	13:50	61.7	63.0	57.0	
04-09-2018	13:55	61.4	63.0	58.5	
04-09-2018	14:00	60.4	62.0	56.5	61.0
04-09-2018	14:05	62.8	64.0	58.0	
04-09-2018	14:10	60.6	62.0	57.5	
04-09-2018	14:15	59.4	60.5	56.0	
04-09-2018	14:20	61.4	62.5	57.5	
04-09-2018	14:25	60.7	62.0	57.5	
04-09-2018	14:30	60.4	62.0	56.0	61.5
04-09-2018	14:35	60.7	62.0	57.5	
04-09-2018	14:40	59.8	61.5	56.5	
04-09-2018	14:45	61.7	63.5	58.0	
04-09-2018	14:50	62.4	63.5	59.5	
04-09-2018	14:55	62.9	65.0	59.0	
04-09-2018	15:00	61.9	63.0	59.5	61.8
04-09-2018	15:05	63.9	66.5	60.5	
04-09-2018	15:10	62.0	63.5	59.0	
04-09-2018	15:15	62.0	64.0	58.0	
04-09-2018	15:20	60.1	61.5	57.0	
04-09-2018	15:25	59.6	61.0	56.5	
04-09-2018	15:30	59.3	60.5	56.0	59.1
04-09-2018	15:35	59.3	60.5	56.0	
04-09-2018	15:40	58.9	60.0	55.5	
04-09-2018	15:45	58.6	60.0	55.0	
04-09-2018	15:50	59.7	61.0	55.5	
04-09-2018	15:55	58.9	60.0	55.0	

Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
04-09-2018	16:00	59.0	60.0	54.5	59.1
04-09-2018	16:05	58.8	60.0	55.0	
04-09-2018	16:10	59.0	60.0	55.5	
04-09-2018	16:15	59.0	60.5	55.5	
04-09-2018	16:20	59.0	60.5	55.5	
04-09-2018	16:25	59.5	60.5	56.0	
04-09-2018	16:30	59.6	61.0	56.0	59.5
04-09-2018	16:35	59.4	60.5	55.5	
04-09-2018	16:40	59.0	60.0	55.0	
04-09-2018	16:45	59.3	60.5	56.0	
04-09-2018	16:50	59.9	61.0	57.0	
04-09-2018	16:55	59.9	61.5	56.0	
04-09-2018	17:00	59.8	61.0	56.5	59.7
04-09-2018	17:05	59.6	61.0	56.5	
04-09-2018	17:10	60.0	61.5	56.0	
04-09-2018	17:15	59.5	61.0	56.5	
04-09-2018	17:20	59.8	61.0	56.5	
04-09-2018	17:25	59.7	61.0	56.5	
04-09-2018	17:30	59.0	60.0	55.5	59.2
04-09-2018	17:35	59.5	60.5	56.0	
04-09-2018	17:40	59.1	60.0	55.5	
04-09-2018	17:45	59.0	60.0	55.5	
04-09-2018	17:50	59.3	60.5	56.0	
04-09-2018	17:55	59.3	60.5	56.5	
04-09-2018	18:00	58.4	59.5	55.0	58.6
04-09-2018	18:05	58.7	60.0	55.5	
04-09-2018	18:10	58.4	59.5	55.0	
04-09-2018	18:15	58.7	59.5	55.0	
04-09-2018	18:20	58.7	60.0	55.5	
04-09-2018	18:25	58.6	60.0	55.5	
04-09-2018	18:30	59.2	60.5	56.0	58.9
04-09-2018	18:35	58.7	60.0	55.5	
04-09-2018	18:40	58.8	60.0	55.5	
04-09-2018	18:45	58.2	59.5	55.0	
04-09-2018	18:50	59.0	60.5	56.0	
04-09-2018	18:55	59.3	60.5	56.5	
05-09-2018	7:00	59.2	61.5	54.0	58.4
05-09-2018	7:05	60.2	62.5	56.0	
05-09-2018	7:10	57.7	59.0	54.0	
05-09-2018	7:15	57.3	58.5	53.5	
05-09-2018	7:20	57.3	58.5	53.5	
05-09-2018	7:25	57.6	58.5	53.5	
05-09-2018	7:30	58.9	60.5	53.5	59.0
05-09-2018	7:35	57.5	58.5	53.0	
05-09-2018	7:40	58.8	61.0	54.0	
05-09-2018	7:45	58.4	60.0	55.0	
05-09-2018	7:50	59.8	62.0	56.0	
05-09-2018	7:55	60.1	62.0	57.5	

Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
05-09-2018	8:00	60.8	63.0	57.0	61.8
05-09-2018	8:05	59.8	61.0	56.5	
05-09-2018	8:10	61.2	63.5	58.0	
05-09-2018	8:15	62.1	64.0	58.5	
05-09-2018	8:20	64.0	66.0	59.0	
05-09-2018	8:25	61.8	64.0	58.0	
05-09-2018	8:30	61.2	63.0	58.0	61.5
05-09-2018	8:35	60.8	62.0	57.0	
05-09-2018	8:40	62.3	63.5	60.0	
05-09-2018	8:45	62.2	64.0	59.5	
05-09-2018	8:50	61.5	63.5	58.5	
05-09-2018	8:55	60.6	61.5	58.5	
05-09-2018	9:00	62.5	63.0	60.5	61.6
05-09-2018	9:05	62.4	63.5	60.0	
05-09-2018	9:10	60.9	62.0	58.5	
05-09-2018	9:15	62.2	62.5	58.5	
05-09-2018	9:20	61.1	62.5	58.5	
05-09-2018	9:25	59.7	61.0	57.0	
05-09-2018	9:30	61.7	62.0	58.5	61.0
05-09-2018	9:35	60.9	62.5	58.0	
05-09-2018	9:40	60.6	61.5	58.0	
05-09-2018	9:45	58.6	60.5	56.0	
05-09-2018	9:50	61.9	63.5	59.0	
05-09-2018	9:55	61.6	63.5	58.5	
05-09-2018	10:00	60.8	62.0	58.0	60.8
05-09-2018	10:05	61.1	62.5	59.0	
05-09-2018	10:10	59.4	60.5	56.5	
05-09-2018	10:15	61.0	62.0	57.5	
05-09-2018	10:20	60.8	62.0	58.5	
05-09-2018	10:25	61.4	62.0	58.0	
05-09-2018	10:30	62.4	65.0	58.5	62.0
05-09-2018	10:35	62.3	64.0	57.5	
05-09-2018	10:40	61.9	63.0	60.0	
05-09-2018	10:45	62.4	64.0	59.0	
05-09-2018	10:50	61.4	63.0	58.0	
05-09-2018	10:55	61.3	62.5	59.0	
05-09-2018	11:00	60.1	61.5	57.0	60.1
05-09-2018	11:05	60.1	61.5	57.0	
05-09-2018	11:10	59.6	61.0	56.0	
05-09-2018	11:15	60.1	61.5	56.0	
05-09-2018	11:20	59.9	61.0	56.0	
05-09-2018	11:25	60.7	62.0	57.0	
05-09-2018	11:30	59.2	60.5	55.5	59.7
05-09-2018	11:35	59.6	60.5	56.0	
05-09-2018	11:40	60.0	61.5	56.5	
05-09-2018	11:45	59.3	60.5	55.5	
05-09-2018	11:50	59.4	60.5	55.5	
05-09-2018	11:55	60.6	62.5	57.0	



Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
05-09-2018	12:00	59.9	61.0	56.5	59.0
05-09-2018	12:05	59.2	60.5	55.5	
05-09-2018	12:10	59.2	60.5	55.5	
05-09-2018	12:15	58.8	60.0	55.0	
05-09-2018	12:20	58.4	59.5	54.0	
05-09-2018	12:25	58.4	59.5	54.0	
05-09-2018	12:30	59.2	60.5	55.5	62.0
05-09-2018	12:35	60.5	62.0	57.0	
05-09-2018	12:40	63.0	65.0	59.5	
05-09-2018	12:45	62.9	65.0	59.5	
05-09-2018	12:50	62.1	64.0	59.5	
05-09-2018	12:55	63.1	65.0	59.5	
05-09-2018	13:00	62.8	64.5	60.5	61.1
05-09-2018	13:05	62.2	64.0	59.0	
05-09-2018	13:10	59.8	61.0	56.5	
05-09-2018	13:15	59.6	61.0	56.0	
05-09-2018	13:20	60.3	62.0	56.5	
05-09-2018	13:25	61.0	62.5	58.5	
05-09-2018	13:30	60.8	62.0	58.0	61.7
05-09-2018	13:35	61.2	62.5	58.5	
05-09-2018	13:40	62.5	64.0	59.5	
05-09-2018	13:45	62.0	63.5	59.5	
05-09-2018	13:50	61.7	63.0	58.0	
05-09-2018	13:55	61.6	63.0	59.0	
05-09-2018	14:00	62.1	63.5	59.0	63.0
05-09-2018	14:05	62.3	63.5	59.5	
05-09-2018	14:10	63.6	64.5	60.5	
05-09-2018	14:15	62.9	64.0	61.0	
05-09-2018	14:20	64.5	64.5	60.5	
05-09-2018	14:25	62.0	63.0	59.5	
05-09-2018	14:30	63.2	64.5	60.0	62.6
05-09-2018	14:35	60.8	62.0	58.0	
05-09-2018	14:40	62.3	64.0	59.0	
05-09-2018	14:45	61.7	63.0	59.5	
05-09-2018	14:50	64.1	65.0	60.5	
05-09-2018	14:55	62.7	64.0	60.5	
05-09-2018	15:00	61.7	63.0	59.0	61.9
05-09-2018	15:05	62.8	63.5	59.5	
05-09-2018	15:10	62.7	63.0	59.0	
05-09-2018	15:15	61.6	63.0	58.5	
05-09-2018	15:20	60.9	62.0	58.5	
05-09-2018	15:25	61.1	62.5	58.5	
05-09-2018	15:30	60.4	61.5	57.5	59.7
05-09-2018	15:35	59.6	61.0	56.5	
05-09-2018	15:40	59.0	60.0	55.5	
05-09-2018	15:45	59.5	61.0	56.0	
05-09-2018	15:50	60.0	61.0	57.0	
05-09-2018	15:55	59.8	61.0	56.5	

Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
05-09-2018	16:00	60.7	61.5	58.0	60.4
05-09-2018	16:05	60.8	62.0	58.5	
05-09-2018	16:10	60.4	61.5	57.5	
05-09-2018	16:15	59.8	61.0	57.0	
05-09-2018	16:20	60.5	62.0	57.5	
05-09-2018	16:25	60.0	61.5	57.0	
05-09-2018	16:30	60.0	61.5	57.0	60.4
05-09-2018	16:35	60.3	62.0	57.0	
05-09-2018	16:40	61.1	62.5	57.5	
05-09-2018	16:45	60.6	62.0	57.5	
05-09-2018	16:50	59.7	61.0	57.0	
05-09-2018	16:55	60.7	62.0	57.5	
05-09-2018	17:00	60.1	61.5	57.5	59.9
05-09-2018	17:05	60.0	61.5	57.0	
05-09-2018	17:10	59.9	61.0	57.0	
05-09-2018	17:15	59.5	61.0	56.5	
05-09-2018	17:20	59.3	60.5	56.0	
05-09-2018	17:25	60.7	62.0	57.5	
05-09-2018	17:30	59.9	61.0	57.0	59.3
05-09-2018	17:35	59.6	61.0	57.0	
05-09-2018	17:40	59.0	60.0	56.0	
05-09-2018	17:45	58.9	60.0	55.5	
05-09-2018	17:50	59.3	60.5	56.0	
05-09-2018	17:55	59.0	60.0	56.0	
05-09-2018	18:00	60.1	61.5	56.5	66.0
05-09-2018	18:05	59.3	60.5	56.5	
05-09-2018	18:10	63.2	65.5	59.5	
05-09-2018	18:15	65.2	68.0	60.5	
05-09-2018	18:20	63.6	65.5	60.0	
05-09-2018	18:25	71.6	74.5	62.5	
05-09-2018	18:30	73.3	75.5	70.0	68.2
05-09-2018	18:35	71.4	74.0	59.5	
05-09-2018	18:40	60.3	61.5	57.5	
05-09-2018	18:45	60.7	62.0	58.0	
05-09-2018	18:50	60.6	62.0	58.0	
05-09-2018	18:55	60.7	62.0	58.0	
06-09-2018	7:00	58.6	61.0	53.5	57.5
06-09-2018	7:05	58.1	59.5	54.0	
06-09-2018	7:10	57.1	58.5	52.0	
06-09-2018	7:15	57.0	58.5	51.5	
06-09-2018	7:20	57.0	58.5	51.5	
06-09-2018	7:25	57.1	58.5	52.0	
06-09-2018	7:30	57.3	58.5	52.5	58.1
06-09-2018	7:35	57.5	58.5	52.5	
06-09-2018	7:40	57.6	59.0	53.5	
06-09-2018	7:45	58.0	59.0	54.0	
06-09-2018	7:50	59.4	60.5	56.5	
06-09-2018	7:55	58.3	59.5	55.0	

Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
06-09-2018	8:00	58.4	59.5	54.5	59.4
06-09-2018	8:05	59.3	61.0	55.0	
06-09-2018	8:10	59.1	60.5	56.0	
06-09-2018	8:15	59.6	61.0	56.5	
06-09-2018	8:20	60.2	61.5	57.5	
06-09-2018	8:25	59.6	61.0	56.5	
06-09-2018	8:30	59.8	61.0	57.0	61.6
06-09-2018	8:35	60.7	61.5	58.5	
06-09-2018	8:40	60.7	62.0	58.5	
06-09-2018	8:45	62.5	64.0	59.5	
06-09-2018	8:50	61.9	63.5	59.5	
06-09-2018	8:55	62.9	63.5	59.0	
06-09-2018	9:00	63.2	64.0	61.0	63.2
06-09-2018	9:05	62.7	64.0	60.5	
06-09-2018	9:10	63.5	64.0	60.0	
06-09-2018	9:15	64.1	65.0	59.5	
06-09-2018	9:20	62.1	63.0	59.5	
06-09-2018	9:25	63.1	65.0	60.0	
06-09-2018	9:30	61.9	63.0	59.5	61.9
06-09-2018	9:35	61.2	62.0	59.0	
06-09-2018	9:40	61.8	63.0	59.0	
06-09-2018	9:45	62.5	63.5	59.5	
06-09-2018	9:50	62.5	63.5	60.0	
06-09-2018	9:55	61.5	62.5	59.5	
06-09-2018	10:00	60.6	62.0	58.0	61.8
06-09-2018	10:05	61.3	63.0	57.5	
06-09-2018	10:10	62.5	65.0	59.0	
06-09-2018	10:15	62.0	63.5	59.0	
06-09-2018	10:20	62.0	63.0	60.0	
06-09-2018	10:25	62.3	63.5	60.0	
06-09-2018	10:30	62.1	63.5	58.5	61.8
06-09-2018	10:35	60.9	62.0	58.5	
06-09-2018	10:40	61.0	62.5	58.5	
06-09-2018	10:45	60.6	62.0	57.0	
06-09-2018	10:50	62.7	64.5	59.0	
06-09-2018	10:55	63.0	63.5	58.0	
06-09-2018	11:00	59.7	61.0	57.0	59.3
06-09-2018	11:05	59.6	60.5	56.0	
06-09-2018	11:10	59.1	60.5	55.0	
06-09-2018	11:15	59.3	60.5	56.0	
06-09-2018	11:20	59.1	60.0	55.5	
06-09-2018	11:25	58.9	60.0	55.5	
06-09-2018	11:30	58.9	60.0	55.5	58.5
06-09-2018	11:35	58.7	60.0	55.0	
06-09-2018	11:40	58.3	59.5	54.5	
06-09-2018	11:45	58.1	59.5	54.0	
06-09-2018	11:50	58.6	60.0	54.5	
06-09-2018	11:55	58.2	59.5	54.0	

Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
06-09-2018	12:00	58.6	60.0	54.5	58.4
06-09-2018	12:05	57.9	59.0	53.5	
06-09-2018	12:10	58.2	59.5	54.0	
06-09-2018	12:15	58.3	59.5	54.5	
06-09-2018	12:20	59.0	60.5	55.0	
06-09-2018	12:25	58.6	59.5	54.5	
06-09-2018	12:30	59.0	60.5	54.5	59.6
06-09-2018	12:35	59.4	60.5	55.0	
06-09-2018	12:40	58.8	60.0	55.0	
06-09-2018	12:45	59.4	60.5	55.5	
06-09-2018	12:50	59.8	61.5	56.5	
06-09-2018	12:55	61.0	62.5	58.5	
06-09-2018	13:00	59.1	60.5	55.5	61.0
06-09-2018	13:05	60.7	62.5	56.5	
06-09-2018	13:10	61.8	64.0	57.5	
06-09-2018	13:15	61.1	63.0	57.5	
06-09-2018	13:20	61.3	63.0	58.0	
06-09-2018	13:25	61.4	63.0	58.0	
06-09-2018	13:30	61.8	64.0	58.0	60.6
06-09-2018	13:35	61.3	63.0	58.0	
06-09-2018	13:40	61.1	63.0	57.5	
06-09-2018	13:45	59.6	60.5	56.5	
06-09-2018	13:50	59.5	60.5	56.5	
06-09-2018	13:55	59.9	61.5	57.0	
06-09-2018	14:00	61.1	62.5	58.5	61.2
06-09-2018	14:05	62.2	65.0	58.5	
06-09-2018	14:10	60.5	61.5	58.0	
06-09-2018	14:15	61.1	62.5	57.5	
06-09-2018	14:20	61.0	62.0	58.0	
06-09-2018	14:25	61.0	62.0	58.5	
06-09-2018	14:30	61.3	62.5	58.5	61.1
06-09-2018	14:35	61.3	62.5	59.0	
06-09-2018	14:40	61.2	62.5	58.5	
06-09-2018	14:45	61.2	62.5	58.5	
06-09-2018	14:50	61.4	62.5	58.5	
06-09-2018	14:55	60.2	61.5	57.5	
06-09-2018	15:00	61.9	63.0	59.5	61.2
06-09-2018	15:05	61.2	62.5	59.0	
06-09-2018	15:10	60.7	62.0	58.0	
06-09-2018	15:15	61.5	63.0	59.0	
06-09-2018	15:20	61.5	62.5	59.0	
06-09-2018	15:25	59.9	61.0	57.0	
06-09-2018	15:30	59.2	60.5	56.0	59.5
06-09-2018	15:35	59.1	60.0	55.0	
06-09-2018	15:40	59.3	60.5	55.5	
06-09-2018	15:45	60.1	62.0	56.0	
06-09-2018	15:50	59.8	61.0	57.0	
06-09-2018	15:55	59.5	60.5	56.0	

Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
06-09-2018	16:00	59.9	60.5	56.0	59.9
06-09-2018	16:05	59.8	61.0	56.5	
06-09-2018	16:10	61.0	62.0	58.0	
06-09-2018	16:15	59.5	61.0	56.5	
06-09-2018	16:20	59.8	61.0	57.0	
06-09-2018	16:25	59.2	60.5	56.0	
06-09-2018	16:30	59.5	60.5	56.5	59.8
06-09-2018	16:35	59.4	60.5	56.0	
06-09-2018	16:40	59.8	61.0	56.5	
06-09-2018	16:45	59.8	61.0	56.5	
06-09-2018	16:50	60.2	61.5	57.0	
06-09-2018	16:55	59.8	61.0	56.5	
06-09-2018	17:00	59.6	61.0	56.5	59.9
06-09-2018	17:05	59.7	61.0	57.0	
06-09-2018	17:10	60.0	61.0	57.0	
06-09-2018	17:15	60.4	61.5	57.5	
06-09-2018	17:20	60.1	61.5	57.5	
06-09-2018	17:25	59.7	61.0	57.0	
06-09-2018	17:30	59.7	61.0	57.0	59.8
06-09-2018	17:35	59.6	60.5	56.5	
06-09-2018	17:40	59.8	61.0	57.0	
06-09-2018	17:45	59.9	61.0	57.0	
06-09-2018	17:50	60.3	61.0	57.0	
06-09-2018	17:55	59.5	60.5	56.5	
06-09-2018	18:00	59.2	60.5	56.5	59.2
06-09-2018	18:05	59.4	60.5	56.5	
06-09-2018	18:10	59.3	60.5	56.5	
06-09-2018	18:15	59.0	60.0	56.0	
06-09-2018	18:20	58.9	60.0	55.5	
06-09-2018	18:25	59.3	60.5	56.5	
06-09-2018	18:30	59.0	60.0	55.5	58.8
06-09-2018	18:35	58.8	60.0	55.5	
06-09-2018	18:40	58.7	59.5	55.5	
06-09-2018	18:45	58.7	60.0	55.5	
06-09-2018	18:50	58.8	60.0	56.0	
06-09-2018	18:55	58.7	60.0	55.5	
07-09-2018	7:00	58.4	59.5	55.0	58.8
07-09-2018	7:05	58.7	60.0	54.5	
07-09-2018	7:10	58.6	60.5	54.0	
07-09-2018	7:15	59.3	62.5	53.5	
07-09-2018	7:20	58.7	61.0	54.0	
07-09-2018	7:25	59.3	61.5	55.5	
07-09-2018	7:30	58.9	61.0	55.0	59.3
07-09-2018	7:35	58.4	60.5	54.0	
07-09-2018	7:40	59.7	60.5	54.0	
07-09-2018	7:45	59.4	61.0	56.5	
07-09-2018	7:50	59.5	61.0	57.0	
07-09-2018	7:55	59.7	61.0	56.5	

Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
07-09-2018	8:00	59.4	61.0	56.5	59.4
07-09-2018	8:05	60.0	61.0	57.5	
07-09-2018	8:10	60.2	62.5	56.5	
07-09-2018	8:15	59.1	60.0	56.0	
07-09-2018	8:20	58.6	59.5	55.5	
07-09-2018	8:25	58.8	60.0	55.5	
07-09-2018	8:30	59.3	60.5	56.5	60.1
07-09-2018	8:35	59.4	60.5	56.5	
07-09-2018	8:40	58.9	60.0	56.0	
07-09-2018	8:45	59.5	60.5	56.0	
07-09-2018	8:50	60.6	62.5	57.0	
07-09-2018	8:55	61.9	63.5	59.0	
07-09-2018	9:00	62.1	63.5	59.0	62.0
07-09-2018	9:05	61.7	63.5	58.5	
07-09-2018	9:10	61.5	63.5	58.5	
07-09-2018	9:15	63.1	64.5	58.5	
07-09-2018	9:20	61.6	63.5	58.0	
07-09-2018	9:25	61.6	63.5	58.5	
07-09-2018	9:30	62.2	64.0	59.0	60.6
07-09-2018	9:35	60.2	61.5	57.5	
07-09-2018	9:40	60.8	62.0	58.0	
07-09-2018	9:45	59.8	61.0	57.5	
07-09-2018	9:50	59.9	61.0	57.0	
07-09-2018	9:55	60.4	62.0	57.5	
07-09-2018	10:00	60.1	61.0	57.5	60.3
07-09-2018	10:05	60.9	62.5	58.0	
07-09-2018	10:10	60.0	61.0	57.5	
07-09-2018	10:15	60.2	61.0	57.0	
07-09-2018	10:20	59.9	61.0	57.0	
07-09-2018	10:25	60.5	62.0	57.5	
07-09-2018	10:30	60.3	61.5	58.0	60.0
07-09-2018	10:35	60.5	62.5	57.5	
07-09-2018	10:40	60.1	61.0	57.5	
07-09-2018	10:45	59.7	61.0	57.0	
07-09-2018	10:50	59.9	61.0	57.0	
07-09-2018	10:55	59.7	61.0	57.0	
07-09-2018	11:00	59.5	60.5	56.5	59.2
07-09-2018	11:05	60.1	62.0	56.0	
07-09-2018	11:10	59.3	61.0	54.5	
07-09-2018	11:15	58.8	60.0	54.0	
07-09-2018	11:20	58.7	60.0	55.0	
07-09-2018	11:25	58.9	60.0	55.5	
07-09-2018	11:30	58.8	60.0	55.0	58.7
07-09-2018	11:35	58.7	60.0	54.5	
07-09-2018	11:40	58.7	60.0	55.0	
07-09-2018	11:45	58.7	60.0	54.5	
07-09-2018	11:50	58.8	60.0	55.0	
07-09-2018	11:55	58.7	60.0	55.0	

Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
07-09-2018	12:00	59.3	60.5	55.5	59.0
07-09-2018	12:05	58.8	60.0	55.0	
07-09-2018	12:10	58.8	60.0	55.0	
07-09-2018	12:15	59.6	60.5	55.0	
07-09-2018	12:20	59.1	60.5	55.5	
07-09-2018	12:25	58.4	59.5	54.0	
07-09-2018	12:30	59.1	60.0	54.5	59.5
07-09-2018	12:35	58.9	60.0	55.0	
07-09-2018	12:40	59.3	60.0	55.5	
07-09-2018	12:45	59.5	61.0	55.5	
07-09-2018	12:50	59.7	61.0	56.0	
07-09-2018	12:55	60.2	61.5	57.0	
07-09-2018	13:00	60.2	61.5	57.0	59.8
07-09-2018	13:05	59.5	61.0	56.0	
07-09-2018	13:10	59.7	61.0	56.0	
07-09-2018	13:15	60.2	61.0	56.5	
07-09-2018	13:20	59.6	61.0	56.5	
07-09-2018	13:25	59.5	61.0	56.0	
07-09-2018	13:30	59.9	61.0	56.0	60.5
07-09-2018	13:35	59.9	61.0	56.5	
07-09-2018	13:40	60.1	61.0	56.0	
07-09-2018	13:45	59.7	61.0	55.5	
07-09-2018	13:50	61.1	63.0	58.0	
07-09-2018	13:55	61.8	64.0	58.0	
07-09-2018	14:00	62.5	64.0	59.5	61.6
07-09-2018	14:05	60.9	62.0	58.0	
07-09-2018	14:10	61.9	63.5	59.0	
07-09-2018	14:15	61.6	63.0	58.5	
07-09-2018	14:20	61.1	62.5	58.5	
07-09-2018	14:25	61.3	63.0	57.5	
07-09-2018	14:30	61.0	62.5	58.0	61.0
07-09-2018	14:35	61.0	62.0	58.5	
07-09-2018	14:40	60.6	62.0	57.5	
07-09-2018	14:45	60.9	62.5	58.0	
07-09-2018	14:50	60.4	61.5	57.0	
07-09-2018	14:55	61.9	64.0	57.5	
07-09-2018	15:00	61.7	63.5	57.5	62.8
07-09-2018	15:05	62.2	65.0	57.0	
07-09-2018	15:10	62.8	65.5	59.0	
07-09-2018	15:15	63.0	65.0	58.5	
07-09-2018	15:20	64.6	68.0	58.5	
07-09-2018	15:25	62.0	64.0	58.0	
07-09-2018	15:30	59.8	60.5	56.0	60.4
07-09-2018	15:35	59.1	60.5	54.5	
07-09-2018	15:40	59.4	60.5	56.0	
07-09-2018	15:45	60.6	61.5	57.0	
07-09-2018	15:50	61.9	63.5	58.0	
07-09-2018	15:55	60.8	62.0	58.0	

Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
07-09-2018	16:00	61.3	63.0	58.0	61.0
07-09-2018	16:05	61.0	63.0	57.5	
07-09-2018	16:10	60.9	62.0	58.0	
07-09-2018	16:15	60.9	62.5	58.0	
07-09-2018	16:20	61.3	63.0	58.0	
07-09-2018	16:25	60.8	62.0	57.5	
07-09-2018	16:30	60.7	62.5	57.5	60.6
07-09-2018	16:35	60.9	62.5	58.0	
07-09-2018	16:40	60.6	61.5	58.0	
07-09-2018	16:45	60.3	61.5	57.5	
07-09-2018	16:50	61.0	63.0	57.5	
07-09-2018	16:55	60.1	61.5	57.5	
07-09-2018	17:00	60.6	62.0	57.5	61.5
07-09-2018	17:05	60.9	62.0	57.5	
07-09-2018	17:10	62.4	64.5	59.5	
07-09-2018	17:15	60.9	62.5	57.5	
07-09-2018	17:20	61.9	63.5	59.0	
07-09-2018	17:25	61.9	63.5	59.0	
07-09-2018	17:30	62.2	64.0	59.5	62.1
07-09-2018	17:35	62.2	64.5	59.0	
07-09-2018	17:40	62.1	64.0	59.0	
07-09-2018	17:45	62.5	64.0	59.5	
07-09-2018	17:50	61.7	63.0	59.0	
07-09-2018	17:55	61.7	63.5	58.5	
07-09-2018	18:00	60.8	62.5	57.5	61.9
07-09-2018	18:05	61.8	64.5	57.0	
07-09-2018	18:10	62.4	64.5	59.0	
07-09-2018	18:15	62.0	64.5	58.5	
07-09-2018	18:20	61.7	64.0	58.5	
07-09-2018	18:25	62.6	64.5	59.0	
07-09-2018	18:30	63.8	66.0	60.5	63.8
07-09-2018	18:35	64.8	67.0	61.5	
07-09-2018	18:40	63.9	66.5	59.5	
07-09-2018	18:45	63.4	66.0	59.0	
07-09-2018	18:50	64.2	66.0	60.5	
07-09-2018	18:55	61.9	64.0	58.5	
08-09-2018	7:00	57.1	58.5	52.5	57.5
08-09-2018	7:05	57.2	58.5	52.5	
08-09-2018	7:10	58.5	60.5	53.0	
08-09-2018	7:15	57.4	58.5	53.5	
08-09-2018	7:20	57.3	58.5	53.0	
08-09-2018	7:25	57.5	59.0	53.5	
08-09-2018	7:30	57.7	59.0	53.5	59.6
08-09-2018	7:35	58.3	59.5	54.5	
08-09-2018	7:40	58.3	59.5	55.0	
08-09-2018	7:45	59.2	60.5	56.0	
08-09-2018	7:50	61.0	62.5	58.0	
08-09-2018	7:55	61.5	63.0	59.0	

Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
08-09-2018	8:00	62.5	64.5	58.5	61.1
08-09-2018	8:05	60.6	62.0	57.5	
08-09-2018	8:10	61.8	63.0	58.0	
08-09-2018	8:15	60.7	62.0	57.5	
08-09-2018	8:20	60.6	62.0	57.5	
08-09-2018	8:25	59.8	61.0	57.0	
08-09-2018	8:30	60.9	62.5	57.5	61.8
08-09-2018	8:35	59.6	61.0	56.5	
08-09-2018	8:40	61.8	63.0	57.5	
08-09-2018	8:45	63.9	66.5	59.0	
08-09-2018	8:50	61.7	63.5	57.0	
08-09-2018	8:55	61.5	63.0	58.0	
08-09-2018	9:00	61.9	64.0	58.5	61.2
08-09-2018	9:05	61.8	63.0	59.0	
08-09-2018	9:10	61.3	62.5	58.5	
08-09-2018	9:15	60.1	61.5	57.5	
08-09-2018	9:20	61.5	62.5	59.0	
08-09-2018	9:25	60.6	62.0	57.5	
08-09-2018	9:30	61.6	63.0	59.0	62.1
08-09-2018	9:35	61.7	63.0	59.5	
08-09-2018	9:40	62.2	63.5	59.5	
08-09-2018	9:45	62.7	64.5	58.5	
08-09-2018	9:50	60.6	62.0	57.5	
08-09-2018	9:55	63.4	65.0	59.5	
08-09-2018	10:00	61.7	63.0	59.0	62.1
08-09-2018	10:05	61.5	62.5	58.5	
08-09-2018	10:10	61.5	63.0	58.5	
08-09-2018	10:15	62.3	64.0	60.0	
08-09-2018	10:20	62.9	64.5	60.5	
08-09-2018	10:25	62.3	63.5	60.0	
08-09-2018	10:30	61.4	63.0	58.5	63.3
08-09-2018	10:35	60.5	61.5	57.5	
08-09-2018	10:40	61.8	63.0	59.0	
08-09-2018	10:45	65.0	68.0	59.5	
08-09-2018	10:50	63.0	64.0	59.5	
08-09-2018	10:55	65.6	69.0	60.0	
08-09-2018	11:00	65.2	67.5	58.5	62.3
08-09-2018	11:05	64.1	66.5	59.0	
08-09-2018	11:10	59.6	61.0	56.5	
08-09-2018	11:15	60.1	61.0	56.5	
08-09-2018	11:20	61.0	62.0	58.0	
08-09-2018	11:25	60.9	62.5	58.0	
08-09-2018	11:30	62.9	64.0	59.0	61.7
08-09-2018	11:35	62.3	64.0	59.5	
08-09-2018	11:40	60.8	62.0	58.0	
08-09-2018	11:45	60.9	62.5	57.5	
08-09-2018	11:50	61.5	63.0	58.0	
08-09-2018	11:55	61.3	63.0	58.5	

Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
08-09-2018	12:00	60.2	61.5	56.5	62.2
08-09-2018	12:05	62.7	64.5	59.5	
08-09-2018	12:10	61.8	63.5	58.5	
08-09-2018	12:15	62.9	64.5	59.5	
08-09-2018	12:20	62.8	64.5	59.5	
08-09-2018	12:25	62.1	64.5	57.5	
08-09-2018	12:30	64.7	66.0	57.5	63.5
08-09-2018	12:35	63.7	67.0	57.5	
08-09-2018	12:40	62.3	65.5	55.0	
08-09-2018	12:45	64.1	67.5	55.5	
08-09-2018	12:50	61.7	63.5	57.0	
08-09-2018	12:55	63.8	67.5	58.5	
08-09-2018	13:00	62.1	64.5	56.5	62.5
08-09-2018	13:05	63.7	67.0	56.0	
08-09-2018	13:10	61.0	62.5	56.5	
08-09-2018	13:15	60.3	61.5	57.0	
08-09-2018	13:20	63.8	67.0	59.0	
08-09-2018	13:25	62.7	64.0	59.0	
08-09-2018	13:30	62.0	64.0	58.0	61.9
08-09-2018	13:35	63.5	65.5	57.0	
08-09-2018	13:40	61.3	62.5	57.5	
08-09-2018	13:45	61.3	62.5	58.5	
08-09-2018	13:50	61.4	62.5	59.0	
08-09-2018	13:55	61.4	62.5	59.0	
08-09-2018	14:00	63.1	65.0	59.5	63.0
08-09-2018	14:05	63.6	65.5	60.5	
08-09-2018	14:10	63.9	65.5	61.0	
08-09-2018	14:15	62.4	64.0	60.0	
08-09-2018	14:20	62.1	63.5	59.5	
08-09-2018	14:25	62.6	64.0	60.5	
08-09-2018	14:30	61.2	62.5	58.5	61.9
08-09-2018	14:35	61.2	62.0	58.0	
08-09-2018	14:40	62.0	63.5	60.0	
08-09-2018	14:45	63.3	65.5	60.0	
08-09-2018	14:50	61.8	63.5	58.5	
08-09-2018	14:55	61.2	63.0	58.0	
08-09-2018	15:00	61.6	63.0	59.0	62.6
08-09-2018	15:05	61.8	63.0	59.0	
08-09-2018	15:10	61.4	62.5	58.0	
08-09-2018	15:15	62.0	63.5	59.0	
08-09-2018	15:20	65.7	68.5	59.5	
08-09-2018	15:25	60.9	62.0	58.5	
08-09-2018	15:30	60.5	63.0	56.5	61.1
08-09-2018	15:35	60.2	62.0	57.0	
08-09-2018	15:40	61.8	64.0	58.5	
08-09-2018	15:45	61.8	63.5	58.5	
08-09-2018	15:50	60.4	62.0	57.5	
08-09-2018	15:55	61.3	63.0	58.0	

Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
08-09-2018	16:00	62.4	63.5	59.0	61.9
08-09-2018	16:05	61.4	62.5	58.5	
08-09-2018	16:10	61.9	63.5	59.0	
08-09-2018	16:15	62.1	64.0	59.0	
08-09-2018	16:20	61.7	63.0	58.5	
08-09-2018	16:25	61.6	63.5	59.0	
08-09-2018	16:30	60.8	62.0	58.5	61.7
08-09-2018	16:35	62.2	63.5	59.5	
08-09-2018	16:40	62.4	64.0	59.0	
08-09-2018	16:45	61.4	62.5	59.0	
08-09-2018	16:50	61.6	63.0	58.5	
08-09-2018	16:55	61.9	63.5	59.0	
08-09-2018	17:00	60.2	61.5	57.5	61.9
08-09-2018	17:05	62.0	63.0	58.5	
08-09-2018	17:10	63.0	64.0	59.5	
08-09-2018	17:15	62.4	64.0	59.5	
08-09-2018	17:20	61.7	63.5	58.5	
08-09-2018	17:25	61.7	63.0	58.5	
08-09-2018	17:30	62.9	64.5	60.0	61.6
08-09-2018	17:35	61.4	63.0	58.5	
08-09-2018	17:40	61.4	63.0	58.5	
08-09-2018	17:45	61.1	62.5	58.0	
08-09-2018	17:50	61.3	62.5	58.0	
08-09-2018	17:55	61.4	63.0	58.0	
08-09-2018	18:00	61.6	63.5	58.5	61.8
08-09-2018	18:05	62.1	64.0	59.0	
08-09-2018	18:10	61.8	63.5	58.5	
08-09-2018	18:15	61.3	63.5	58.0	
08-09-2018	18:20	62.0	64.0	59.0	
08-09-2018	18:25	62.2	64.0	58.5	
08-09-2018	18:30	60.6	62.0	57.5	60.9
08-09-2018	18:35	61.0	63.0	57.5	
08-09-2018	18:40	60.4	62.0	57.0	
08-09-2018	18:45	61.4	63.0	58.0	
08-09-2018	18:50	60.9	62.5	58.0	
08-09-2018	18:55	61.2	62.5	58.5	
10-09-2018	7:00	57.1	58.5	52.0	57.2
10-09-2018	7:05	57.3	58.5	52.5	
10-09-2018	7:10	57.2	58.5	52.5	
10-09-2018	7:15	57.0	58.5	52.0	
10-09-2018	7:20	57.2	58.5	52.5	
10-09-2018	7:25	57.2	58.5	52.5	
10-09-2018	7:30	57.3	58.5	52.5	58.3
10-09-2018	7:35	58.1	59.5	54.0	
10-09-2018	7:40	57.7	59.0	53.0	
10-09-2018	7:45	58.1	59.5	54.0	
10-09-2018	7:50	59.2	60.5	56.0	
10-09-2018	7:55	59.1	60.5	55.5	

Annex B3 - 141

Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
10-09-2018	8:00	59.5	60.5	56.0	61.2
10-09-2018	8:05	61.1	62.0	58.0	
10-09-2018	8:10	61.6	63.0	58.0	
10-09-2018	8:15	61.8	63.5	57.5	
10-09-2018	8:20	60.6	61.5	57.0	
10-09-2018	8:25	62.3	64.0	57.0	
10-09-2018	8:30	61.4	63.0	58.0	61.4
10-09-2018	8:35	61.2	63.5	57.5	
10-09-2018	8:40	61.6	63.0	57.5	
10-09-2018	8:45	61.0	62.0	57.0	
10-09-2018	8:50	61.0	62.0	57.5	
10-09-2018	8:55	62.1	63.0	57.5	
10-09-2018	9:00	61.6	63.0	57.5	61.8
10-09-2018	9:05	61.4	62.5	56.5	
10-09-2018	9:10	62.7	63.5	57.5	
10-09-2018	9:15	62.7	65.5	57.5	
10-09-2018	9:20	59.9	61.5	56.0	
10-09-2018	9:25	61.7	63.0	58.0	
10-09-2018	9:30	62.3	64.5	59.0	61.7
10-09-2018	9:35	61.5	63.5	57.5	
10-09-2018	9:40	60.5	61.5	57.0	
10-09-2018	9:45	61.1	62.5	58.0	
10-09-2018	9:50	62.3	64.5	58.5	
10-09-2018	9:55	62.2	64.0	58.0	
10-09-2018	10:00	61.4	63.5	57.5	62.3
10-09-2018	10:05	61.9	64.0	58.5	
10-09-2018	10:10	63.0	64.0	59.0	
10-09-2018	10:15	62.4	63.5	59.0	
10-09-2018	10:20	63.5	65.5	59.0	
10-09-2018	10:25	61.0	62.5	58.0	
10-09-2018	10:30	61.2	62.5	58.5	61.7
10-09-2018	10:35	62.4	63.5	59.5	
10-09-2018	10:40	61.5	62.5	58.5	
10-09-2018	10:45	61.8	63.0	59.0	
10-09-2018	10:50	61.2	62.5	58.5	
10-09-2018	10:55	62.1	64.0	58.5	
10-09-2018	11:00	62.0	63.5	59.0	62.0
10-09-2018	11:05	61.0	62.5	58.0	
10-09-2018	11:10	63.0	66.5	57.0	
10-09-2018	11:15	63.5	66.0	58.5	
10-09-2018	11:20	60.9	62.5	57.5	
10-09-2018	11:25	61.0	62.5	58.5	
10-09-2018	11:30	61.9	64.0	58.0	61.7
10-09-2018	11:35	60.4	62.0	57.0	
10-09-2018	11:40	61.2	62.5	57.5	
10-09-2018	11:45	61.8	64.0	57.5	
10-09-2018	11:50	63.3	65.0	57.0	
10-09-2018	11:55	61.0	62.5	57.0	

Annex B3 - 142

Measured Noise Levels (dB(A)) at NM2 during Normal Working Hours  
(07:00-19:00 hrs; Normal Weekdays)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
10-09-2018	12:00	63.1	65.0	58.0	61.9
10-09-2018	12:05	60.4	62.0	56.5	
10-09-2018	12:10	61.8	63.0	57.0	
10-09-2018	12:15	62.2	64.0	58.5	
10-09-2018	12:20	61.8	64.0	58.0	
10-09-2018	12:25	61.6	61.0	55.5	
10-09-2018	12:30	61.2	63.0	57.0	62.8
10-09-2018	12:35	60.9	62.0	58.0	
10-09-2018	12:40	62.3	63.5	58.5	
10-09-2018	12:45	59.3	60.5	55.5	
10-09-2018	12:50	65.2	70.0	56.5	
10-09-2018	12:55	64.9	66.5	57.5	
10-09-2018	13:00	60.9	62.0	58.0	61.5
10-09-2018	13:05	62.6	65.5	56.5	
10-09-2018	13:10	62.0	64.5	57.5	
10-09-2018	13:15	60.5	61.5	57.0	
10-09-2018	13:20	61.3	63.0	57.0	
10-09-2018	13:25	61.6	65.0	56.5	
10-09-2018	13:30	62.4	65.5	57.0	62.3
10-09-2018	13:35	60.3	62.0	56.0	
10-09-2018	13:40	62.6	63.5	58.5	
10-09-2018	13:45	62.8	64.5	60.0	
10-09-2018	13:50	63.2	66.0	60.0	
10-09-2018	13:55	61.7	63.0	59.5	
<b>Average</b>					61.3
<b>Min</b>					57.2
<b>Max</b>					68.2

Notes:

- (a) Data affected by the rain were discarded.
- (b) Data collection was corrupted due to power failure during 2 – 3 Sep 2018.
- (c) Correction of +3 dB(A) was made for free field measurements.

Measured Noise Levels (dB(A)) at NM2 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
24-08-2018	19:00	61.2	62.0	58.5
24-08-2018	19:05	60.8	62.0	58.5
24-08-2018	19:10	60.9	62.0	58.5
24-08-2018	19:15	61.4	62.5	58.5
24-08-2018	19:20	61.7	63.0	59.5
24-08-2018	19:25	61.6	63.0	59.5
24-08-2018	19:30	61.8	63.0	59.5
24-08-2018	19:35	62.3	63.5	59.5
24-08-2018	19:40	62.0	63.5	59.5
24-08-2018	19:45	61.6	63.0	59.0
24-08-2018	19:50	60.9	62.0	58.5
24-08-2018	19:55	62.0	63.5	59.5
24-08-2018	20:00	61.0	62.0	58.5
24-08-2018	20:05	61.9	63.0	59.5
24-08-2018	20:10	62.2	63.5	60.0
24-08-2018	20:15	61.7	63.5	58.5
24-08-2018	20:20	61.5	63.5	58.5
24-08-2018	20:25	61.7	63.0	59.0
24-08-2018	20:30	61.2	62.5	58.5
24-08-2018	20:35	60.6	62.0	58.0
24-08-2018	20:40	61.1	62.5	58.0
24-08-2018	20:45	61.4	63.0	59.0
24-08-2018	20:50	60.5	62.0	57.5
24-08-2018	20:55	61.1	62.5	58.0
24-08-2018	21:00	61.5	63.0	58.5
24-08-2018	21:05	60.3	61.5	57.0
24-08-2018	21:10	60.0	61.5	57.0
24-08-2018	21:15	59.9	61.5	56.5
24-08-2018	21:20	59.8	61.0	56.5
24-08-2018	21:25	63.2	67.0	57.5
24-08-2018	21:30	59.9	61.5	56.0
24-08-2018	21:35	59.0	60.5	55.5
24-08-2018	21:40	58.6	60.0	55.0
24-08-2018	21:45	58.3	59.5	55.0
24-08-2018	21:50	58.5	59.5	55.5
24-08-2018	21:55	59.4	61.0	56.5
24-08-2018	22:00	59.2	60.5	56.0
24-08-2018	22:05	59.4	61.5	55.0
24-08-2018	22:10	57.8	59.0	54.0
24-08-2018	22:15	57.9	59.0	54.0
24-08-2018	22:20	57.5	59.0	53.5
24-08-2018	22:25	57.8	59.0	54.0
24-08-2018	22:30	57.7	59.0	53.5
24-08-2018	22:35	57.9	59.0	53.0
24-08-2018	22:40	57.7	59.0	53.5
24-08-2018	22:45	57.6	59.0	53.0
24-08-2018	22:50	58.6	60.0	54.5
24-08-2018	22:55	58.5	60.5	53.5

Measured Noise Levels (dB(A)) at NM2 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
25-08-2018	19:00	61.5	62.5	59.0
25-08-2018	19:05	61.1	62.5	59.0
25-08-2018	19:10	60.5	61.5	57.5
25-08-2018	19:15	61.4	63.5	58.0
25-08-2018	19:20	60.5	61.5	57.0
25-08-2018	19:25	60.9	62.0	58.0
25-08-2018	19:30	60.6	62.0	58.0
25-08-2018	19:35	60.8	62.0	58.5
25-08-2018	19:40	60.8	62.0	58.5
25-08-2018	19:45	61.0	62.5	58.5
25-08-2018	19:50	60.9	62.5	58.5
25-08-2018	19:55	60.8	62.0	58.0
25-08-2018	20:00	61.3	62.5	58.5
25-08-2018	20:05	61.5	63.0	59.0
25-08-2018	20:10	61.5	63.0	58.5
25-08-2018	20:15	60.3	61.5	57.5
25-08-2018	20:20	59.0	60.0	56.0
25-08-2018	20:25	60.4	62.0	57.0
25-08-2018	20:30	60.5	61.5	58.0
25-08-2018	20:35	60.5	61.5	58.0
25-08-2018	20:40	60.2	61.5	57.5
25-08-2018	20:45	60.2	61.5	57.5
25-08-2018	20:50	59.8	61.0	57.0
25-08-2018	20:55	59.7	61.0	57.0
25-08-2018	21:00	59.4	61.0	56.5
25-08-2018	21:05	59.5	61.0	56.5
25-08-2018	21:10	59.7	61.0	56.5
25-08-2018	21:15	60.6	63.0	56.5
25-08-2018	21:20	57.8	59.0	54.0
25-08-2018	21:25	58.8	60.0	55.0
25-08-2018	21:30	59.5	61.0	56.5
25-08-2018	21:35	58.8	60.0	56.0
25-08-2018	21:40	59.7	61.5	56.5
25-08-2018	21:45	58.9	60.0	55.5
25-08-2018	21:50	58.3	59.5	55.0
25-08-2018	21:55	59.4	61.5	55.0
25-08-2018	22:00	59.8	61.5	56.5
25-08-2018	22:05	58.7	60.0	55.5
25-08-2018	22:10	57.9	59.0	53.5
25-08-2018	22:15	57.6	59.0	53.5
25-08-2018	22:20	58.0	59.0	54.5
25-08-2018	22:25	57.5	58.5	53.0
25-08-2018	22:30	57.1	58.5	52.5
25-08-2018	22:35	57.1	58.5	52.5
25-08-2018	22:40	57.4	58.5	53.0
25-08-2018	22:45	58.2	60.0	53.5
25-08-2018	22:50	58.1	60.0	53.0
25-08-2018	22:55	57.6	58.5	53.0

Measured Noise Levels (dB(A)) at NM2 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
26-08-2018	7:00	57.8	59.5	53.0
26-08-2018	7:05	57.7	59.0	53.5
26-08-2018	7:10	57.5	58.5	52.5
26-08-2018	7:15	57.5	59.0	53.0
26-08-2018	7:20	57.2	58.5	52.0
26-08-2018	7:25	57.3	58.5	52.5
26-08-2018	7:30	57.1	58.5	52.5
26-08-2018	7:35	58.3	59.5	52.5
26-08-2018	7:40	58.3	59.0	52.5
26-08-2018	7:45	57.0	58.5	52.0
26-08-2018	7:50	57.3	58.5	52.5
26-08-2018	7:55	58.1	59.5	54.5
26-08-2018	8:00	59.2	60.5	55.5
26-08-2018	8:05	59.0	60.5	55.5
26-08-2018	8:10	60.1	62.0	56.5
26-08-2018	8:15	61.2	62.5	58.5
26-08-2018	8:20	60.0	61.5	56.5
26-08-2018	8:25	60.2	62.5	57.0
26-08-2018	8:30	60.0	62.0	56.5
26-08-2018	8:35	59.2	60.5	56.0
26-08-2018	8:40	60.9	62.5	57.5
26-08-2018	8:45	60.3	62.5	56.5
26-08-2018	8:50	58.2	59.0	54.0
26-08-2018	8:55	58.5	59.5	54.5
26-08-2018	9:00	59.8	61.0	56.5
26-08-2018	9:05	61.9	65.0	57.5
26-08-2018	9:10	59.4	61.5	55.0
26-08-2018	9:15	61.0	63.0	57.0
26-08-2018	9:20	60.1	62.0	55.0
26-08-2018	9:25	61.0	63.5	57.0
26-08-2018	9:30	61.2	63.5	57.5
26-08-2018	9:35	61.3	63.0	58.0
26-08-2018	9:40	61.4	63.0	58.5
26-08-2018	9:45	61.6	63.0	59.5
26-08-2018	9:50	60.8	62.5	58.0
26-08-2018	9:55	60.9	62.5	58.0
26-08-2018	10:00	61.8	63.0	59.5
26-08-2018	10:05	61.0	62.5	58.0
26-08-2018	10:10	60.0	61.5	56.0
26-08-2018	10:15	61.7	63.5	58.0
26-08-2018	10:20	62.5	64.0	60.0
26-08-2018	10:25	61.2	62.5	58.0
26-08-2018	10:30	61.0	62.0	58.5
26-08-2018	10:35	60.7	62.0	58.0
26-08-2018	10:40	61.4	62.5	58.5
26-08-2018	10:45	62.5	64.0	59.5
26-08-2018	10:50	61.7	63.0	59.0
26-08-2018	10:55	62.5	64.0	59.0



Measured Noise Levels (dB(A)) at NM2 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
26-08-2018	11:00	62.0	63.5	58.5
26-08-2018	11:05	60.5	61.5	57.5
26-08-2018	11:10	60.6	62.0	55.5
26-08-2018	11:15	59.0	60.5	55.0
26-08-2018	11:20	58.9	60.5	55.5
26-08-2018	11:25	59.2	60.5	55.0
26-08-2018	11:30	58.1	59.0	53.0
26-08-2018	11:35	57.7	59.0	52.5
26-08-2018	11:40	58.2	59.5	53.5
26-08-2018	11:45	59.8	61.0	55.0
26-08-2018	11:50	59.7	61.0	56.0
26-08-2018	11:55	59.3	60.5	55.5
26-08-2018	12:00	58.8	60.0	55.0
26-08-2018	12:05	58.8	60.0	55.0
26-08-2018	12:10	58.9	60.5	55.0
26-08-2018	12:15	58.7	60.0	54.5
26-08-2018	12:20	58.3	59.5	54.0
26-08-2018	12:25	57.8	59.0	53.0
26-08-2018	12:30	57.8	59.0	53.0
26-08-2018	12:35	58.0	59.5	53.5
26-08-2018	12:40	59.2	60.5	55.0
26-08-2018	12:45	59.0	60.0	55.5
26-08-2018	12:50	61.7	63.5	58.0
26-08-2018	12:55	61.5	63.0	59.0
26-08-2018	13:00	62.9	64.5	59.0
26-08-2018	13:05	63.9	66.0	60.5
26-08-2018	13:10	63.9	65.0	60.0
26-08-2018	13:15	62.2	64.5	56.5
26-08-2018	13:20	62.3	64.5	58.5
26-08-2018	13:25	62.8	65.0	59.0
26-08-2018	13:30	62.0	64.5	57.5
26-08-2018	13:35	62.0	64.5	58.0
26-08-2018	13:40	61.8	64.5	57.5
26-08-2018	13:45	61.4	63.5	57.5
26-08-2018	13:50	61.1	62.5	58.5
26-08-2018	13:55	61.7	63.0	59.5
26-08-2018	14:00	63.2	65.0	60.0
26-08-2018	14:05	63.1	65.0	60.0
26-08-2018	14:10	63.0	65.0	59.5
26-08-2018	14:15	62.1	65.0	57.5
26-08-2018	14:20	62.4	65.0	58.0
26-08-2018	14:25	61.4	63.5	57.5
26-08-2018	14:30	60.7	63.0	56.5
26-08-2018	14:35	60.1	61.5	56.5
26-08-2018	14:40	59.0	60.5	55.0
26-08-2018	14:45	59.2	60.0	55.5
26-08-2018	14:50	59.7	61.0	57.0
26-08-2018	14:55	61.5	63.5	58.0

Measured Noise Levels (dB(A)) at NM2 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
26-08-2018	15:00	61.6	63.5	58.5
26-08-2018	15:05	61.6	63.5	58.0
26-08-2018	15:10	61.5	63.5	58.0
26-08-2018	15:15	60.5	62.0	58.0
26-08-2018	15:20	61.7	62.0	58.0
26-08-2018	15:25	60.2	61.5	57.5
26-08-2018	15:30	58.4	60.0	54.5
26-08-2018	15:35	57.5	59.0	52.5
26-08-2018	15:40	57.3	58.5	52.0
26-08-2018	15:45	58.2	59.5	54.5
26-08-2018	15:50	59.3	60.5	56.0
26-08-2018	15:55	59.6	61.0	56.5
26-08-2018	16:00	59.4	61.0	55.5
26-08-2018	16:05	60.6	62.5	56.5
26-08-2018	16:10	59.7	61.0	56.0
26-08-2018	16:15	61.2	63.0	58.0
26-08-2018	16:20	61.7	63.5	58.5
26-08-2018	16:25	62.2	64.0	59.0
26-08-2018	16:30	60.8	62.0	58.0
26-08-2018	16:35	63.7	65.5	61.5
26-08-2018	16:40	67.1	69.0	64.5
26-08-2018	16:45	69.1	71.0	66.0
26-08-2018	16:50	68.2	71.5	63.0
26-08-2018	16:55	66.0	68.0	63.5
26-08-2018	17:00	62.9	65.0	60.5
26-08-2018	17:05	61.5	63.0	59.5
26-08-2018	17:10	60.7	62.5	58.0
26-08-2018	17:15	60.3	61.5	58.0
26-08-2018	17:20	61.7	62.5	57.5
26-08-2018	17:25	59.4	60.5	56.5
26-08-2018	17:30	61.9	63.0	57.5
26-08-2018	17:35	60.8	62.0	58.5
26-08-2018	17:40	62.2	63.0	59.0
26-08-2018	17:45	60.9	62.0	58.5
26-08-2018	17:50	61.6	62.5	59.0
26-08-2018	17:55	62.1	63.5	59.0
26-08-2018	18:00	62.3	64.0	60.0
26-08-2018	18:05	62.3	64.0	59.5
26-08-2018	18:10	61.9	64.0	59.0
26-08-2018	18:15	63.1	65.5	58.5
26-08-2018	18:20	60.7	63.0	57.0
26-08-2018	18:25	61.0	63.0	57.5
26-08-2018	18:30	61.2	63.0	57.5
26-08-2018	18:35	60.3	61.0	57.5
26-08-2018	18:40	60.8	62.5	57.5
26-08-2018	18:45	60.0	61.5	57.5
26-08-2018	18:50	58.3	59.5	55.0
26-08-2018	18:55	59.2	60.5	56.5

Measured Noise Levels (dB(A)) at NM2 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
26-08-2018	19:00	59.1	60.5	56.0
26-08-2018	19:05	58.5	60.0	54.5
26-08-2018	19:10	59.6	61.5	56.0
26-08-2018	19:15	60.5	63.0	56.5
26-08-2018	19:20	59.6	62.0	55.0
26-08-2018	19:25	59.5	60.5	56.5
26-08-2018	19:30	60.9	63.0	57.5
26-08-2018	19:35	60.5	62.0	58.0
26-08-2018	19:40	60.3	61.5	58.0
26-08-2018	19:45	59.6	61.0	56.5
26-08-2018	19:50	59.5	61.5	56.0
26-08-2018	19:55	59.0	60.5	55.5
26-08-2018	20:00	57.7	59.0	54.0
26-08-2018	20:05	59.1	60.5	55.5
26-08-2018	20:10	59.5	61.5	56.0
26-08-2018	20:15	59.4	61.5	56.0
26-08-2018	20:20	57.1	58.5	52.5
26-08-2018	20:25	58.5	60.5	53.5
26-08-2018	20:30	57.1	58.5	52.5
26-08-2018	20:35	57.6	59.0	53.5
26-08-2018	20:40	57.3	58.5	53.0
26-08-2018	20:45	57.5	59.0	53.5
26-08-2018	20:50	57.4	58.5	53.0
26-08-2018	20:55	57.2	58.5	52.5
26-08-2018	21:00	57.5	59.0	53.5
26-08-2018	21:05	58.0	59.5	54.5
26-08-2018	21:10	57.9	59.0	54.5
26-08-2018	21:15	58.6	60.5	55.0
26-08-2018	21:20	58.8	60.0	55.0
26-08-2018	21:25	58.1	59.0	54.0
26-08-2018	21:30	58.0	59.0	54.5
26-08-2018	21:35	59.2	60.5	55.5
26-08-2018	21:40	58.5	59.5	55.5
26-08-2018	21:45	59.8	61.5	57.0
26-08-2018	21:50	58.8	60.5	55.5
26-08-2018	21:55	58.6	59.5	55.5
26-08-2018	22:00	59.8	61.0	57.5
26-08-2018	22:05	60.4	61.5	58.0
26-08-2018	22:10	58.8	60.0	56.0
26-08-2018	22:15	58.6	59.5	55.5
26-08-2018	22:20	58.8	60.0	56.0
26-08-2018	22:25	57.7	59.5	53.0
26-08-2018	22:30	56.9	58.0	51.5
26-08-2018	22:35	57.0	58.0	51.5
26-08-2018	22:40	56.8	58.0	51.5
26-08-2018	22:45	57.1	58.5	51.5
26-08-2018	22:50	57.0	58.0	51.5
26-08-2018	22:55	57.8	58.5	52.0

Measured Noise Levels (dB(A)) at NM2 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
27-08-2018	19:00	59.2	60.5	56.0
27-08-2018	19:05	60.3	61.5	57.0
27-08-2018	19:10	58.5	60.0	55.0
27-08-2018	19:15	58.4	59.5	54.5
27-08-2018	19:20	58.6	60.0	55.0
27-08-2018	19:25	59.0	60.0	56.0
27-08-2018	19:30	59.3	60.5	56.0
27-08-2018	19:35	58.8	60.0	55.5
27-08-2018	19:40	58.9	60.0	55.5
27-08-2018	19:45	59.4	61.0	56.0
27-08-2018	19:50	59.4	60.5	56.5
27-08-2018	19:55	59.2	60.5	56.0
27-08-2018	20:00	59.6	61.0	56.5
27-08-2018	20:05	60.0	61.5	57.0
27-08-2018	20:10	59.9	61.0	57.0
27-08-2018	20:15	59.9	61.5	57.0
27-08-2018	20:20	59.8	61.0	57.0
27-08-2018	20:25	60.4	61.5	58.0
27-08-2018	20:30	61.4	62.5	59.0
27-08-2018	20:35	60.3	61.5	57.5
27-08-2018	20:40	61.0	62.0	58.0
27-08-2018	20:45	61.3	62.5	59.0
27-08-2018	20:50	60.4	61.5	58.0
27-08-2018	20:55	60.9	62.0	58.5
27-08-2018	21:00	60.1	61.5	57.5
27-08-2018	21:05	59.8	61.5	56.5
27-08-2018	21:10	58.9	60.5	54.0
27-08-2018	21:15	63.2	67.5	55.5
27-08-2018	21:20	60.3	62.0	57.0
27-08-2018	21:25	60.8	62.0	58.0
27-08-2018	21:30	61.6	62.5	60.0
27-08-2018	21:35	62.0	63.0	60.5
27-08-2018	21:40	61.7	62.5	60.0
27-08-2018	21:45	60.4	61.5	58.0
27-08-2018	21:50	59.5	60.5	57.0
27-08-2018	21:55	59.7	61.0	57.0
27-08-2018	22:00	62.6	65.5	59.0
27-08-2018	22:05	60.0	61.5	57.5
27-08-2018	22:10	57.9	59.0	54.0
27-08-2018	22:15	57.6	59.0	53.5
27-08-2018	22:20	57.4	58.5	53.0
27-08-2018	22:25	57.8	59.0	53.5
27-08-2018	22:30	57.9	59.0	54.0
27-08-2018	22:35	57.9	59.0	53.5
27-08-2018	22:40	58.8	60.5	53.0
27-08-2018	22:45	57.5	59.0	52.5
27-08-2018	22:50	57.4	58.5	53.0
27-08-2018	22:55	57.9	59.0	53.5

Measured Noise Levels (dB(A)) at NM2 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
28-08-2018	19:00	58.4	59.5	55.0
28-08-2018	19:05	58.6	59.5	55.5
28-08-2018	19:10	58.7	59.5	55.5
28-08-2018	19:15	58.6	59.5	55.5
28-08-2018	19:20	58.8	60.0	56.0
28-08-2018	19:25	59.0	60.0	56.0
28-08-2018	19:30	58.8	60.0	55.5
28-08-2018	19:35	58.8	60.0	55.5
28-08-2018	19:40	58.6	60.0	55.5
28-08-2018	19:45	58.4	59.5	55.0
28-08-2018	19:50	58.4	59.5	55.0
28-08-2018	19:55	58.7	60.0	55.5
28-08-2018	20:00	58.6	59.5	55.5
28-08-2018	20:05	58.1	59.0	54.5
28-08-2018	20:10	57.9	59.0	54.0
28-08-2018	20:15	58.2	59.5	54.5
28-08-2018	20:20	58.2	59.5	54.5
28-08-2018	20:25	57.9	59.0	54.5
28-08-2018	20:30	58.0	59.0	54.5
28-08-2018	20:35	58.4	59.5	55.0
28-08-2018	20:40	58.3	59.5	55.0
28-08-2018	20:45	58.0	59.0	54.5
28-08-2018	20:50	58.5	60.0	55.0
28-08-2018	20:55	57.7	59.0	53.5
28-08-2018	21:00	57.7	59.0	53.5
28-08-2018	21:05	57.6	59.0	53.5
28-08-2018	21:10	58.8	60.5	55.0
28-08-2018	21:15	58.8	60.0	55.5
28-08-2018	21:20	57.9	59.0	54.5
28-08-2018	21:25	57.9	59.0	54.0
28-08-2018	21:30	57.5	58.5	53.0
28-08-2018	21:35	57.3	58.5	53.0
28-08-2018	21:40	57.5	58.5	53.0
28-08-2018	21:45	57.2	58.5	52.5
28-08-2018	21:50	57.2	58.5	52.5
28-08-2018	21:55	57.4	58.5	53.0
28-08-2018	22:00	57.7	59.0	53.5
28-08-2018	22:05	57.1	58.5	52.0
28-08-2018	22:10	57.1	58.5	52.0
28-08-2018	22:15	57.3	58.5	52.5
28-08-2018	22:20	57.2	58.5	52.5
28-08-2018	22:25	57.2	58.5	52.5
28-08-2018	22:30	57.2	58.5	52.5
28-08-2018	22:35	57.1	58.5	52.0
28-08-2018	22:40	57.1	58.5	52.0
28-08-2018	22:45	57.1	58.5	52.0
28-08-2018	22:50	57.3	58.5	52.5
28-08-2018	22:55	57.1	58.5	52.0

Measured Noise Levels (dB(A)) at NM2 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
29-08-2018	19:00	58.8	60.0	56.0
29-08-2018	19:05	58.8	60.0	56.0
29-08-2018	19:10	59.1	60.0	56.5
29-08-2018	19:15	59.3	60.5	56.5
29-08-2018	19:20	59.8	61.5	57.0
29-08-2018	19:25	60.6	62.5	57.0
29-08-2018	19:30	60.8	63.0	57.0
29-08-2018	19:35	60.8	63.0	56.5
29-08-2018	19:40	60.6	62.5	56.5
29-08-2018	19:45	59.6	60.5	57.0
29-08-2018	19:50	60.5	62.0	57.0
29-08-2018	19:55	60.0	61.5	56.5
29-08-2018	20:00	60.6	62.5	57.0
29-08-2018	20:05	60.8	62.5	57.0
29-08-2018	20:10	61.1	63.0	57.5
29-08-2018	20:15	58.9	60.0	56.0
29-08-2018	20:20	58.6	59.5	55.5
29-08-2018	20:25	58.9	60.5	55.5
29-08-2018	20:30	58.9	60.0	55.5
29-08-2018	20:35	58.5	59.5	55.0
29-08-2018	20:40	58.5	59.5	55.0
29-08-2018	20:45	58.2	59.5	54.5
29-08-2018	20:50	57.9	59.0	54.0
29-08-2018	20:55	58.2	59.5	54.5
29-08-2018	21:00	60.4	62.0	57.5
29-08-2018	21:05	60.2	61.5	57.5
29-08-2018	21:10	59.6	60.5	55.5
29-08-2018	21:15	58.9	60.0	55.5
29-08-2018	21:20	58.4	59.5	55.0
29-08-2018	21:25	58.5	59.5	55.0
29-08-2018	21:30	58.9	60.0	55.5
29-08-2018	21:35	58.5	59.5	55.0
29-08-2018	21:40	58.2	59.5	54.5
29-08-2018	21:45	58.4	59.5	54.5
29-08-2018	21:50	58.7	60.5	55.0
29-08-2018	21:55	58.0	59.0	54.5
29-08-2018	22:00	58.7	60.0	55.0
29-08-2018	22:05	58.1	59.5	54.5
29-08-2018	22:10	58.1	59.5	54.5
29-08-2018	22:15	58.1	59.5	54.5
29-08-2018	22:20	58.1	59.5	54.5
29-08-2018	22:25	59.3	60.5	55.5
29-08-2018	22:30	58.4	59.5	55.0
29-08-2018	22:35	58.0	59.5	54.5
29-08-2018	22:40	58.2	59.5	54.5
29-08-2018	22:45	58.0	59.5	54.5
29-08-2018	22:50	58.3	59.5	54.5
29-08-2018	22:55	58.7	60.0	55.5

Measured Noise Levels (dB(A)) at NM2 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
30-08-2018	19:00	58.6	60.0	55.0
30-08-2018	19:05	60.5	62.5	56.5
30-08-2018	19:10	58.4	59.5	55.0
30-08-2018	19:15	58.5	60.0	55.0
30-08-2018	19:20	58.7	60.0	55.5
30-08-2018	19:25	58.4	59.5	55.0
30-08-2018	19:30	58.6	59.5	55.5
30-08-2018	19:35	58.3	59.5	55.0
30-08-2018	19:40	58.5	59.5	55.0
30-08-2018	19:45	58.2	59.5	54.5
30-08-2018	19:50	58.3	59.0	54.5
30-08-2018	19:55	58.5	59.5	55.5
30-08-2018	20:00	59.0	60.5	56.0
30-08-2018	20:05	60.0	62.0	56.5
30-08-2018	20:10	58.6	60.0	54.5
30-08-2018	20:15	58.0	59.5	54.5
30-08-2018	20:20	58.3	59.5	54.5
30-08-2018	20:25	57.7	59.0	54.0
30-08-2018	20:30	58.3	59.5	54.0
30-08-2018	20:35	57.9	59.0	54.0
30-08-2018	20:40	59.5	62.0	55.0
30-08-2018	20:45	58.6	60.0	55.0
30-08-2018	20:50	57.9	59.0	54.0
30-08-2018	20:55	58.1	59.5	54.5
30-08-2018	21:00	59.8	61.0	56.5
30-08-2018	21:05	58.5	60.0	55.0
30-08-2018	21:10	57.9	59.0	54.0
30-08-2018	21:15	58.3	59.5	54.0
30-08-2018	21:20	57.6	59.0	53.5
30-08-2018	21:25	57.6	59.0	53.5
30-08-2018	21:30	57.3	58.5	53.0
30-08-2018	21:35	57.3	58.5	52.5
30-08-2018	21:40	57.2	58.5	52.5
30-08-2018	21:45	57.5	59.0	53.0
30-08-2018	21:50	57.4	58.5	53.0
30-08-2018	21:55	57.8	59.0	53.5
30-08-2018	22:00	59.0	60.5	54.0
30-08-2018	22:05	57.8	59.0	53.0
30-08-2018	22:10	57.9	59.0	52.5
30-08-2018	22:15	57.2	58.5	52.0
30-08-2018	22:20	57.3	58.5	52.5
30-08-2018	22:25	57.3	58.5	52.5
30-08-2018	22:30	57.3	58.5	52.5
30-08-2018	22:35	59.0	62.0	52.5
30-08-2018	22:40	58.4	60.5	53.5
30-08-2018	22:45	57.0	58.5	52.0
30-08-2018	22:50	56.9	58.5	51.5
30-08-2018	22:55	57.0	58.5	52.0

Measured Noise Levels (dB(A)) at NM2 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
31-08-2018	19:00	58.5	60.0	54.5
31-08-2018	19:05	59.6	62.5	55.0
31-08-2018	19:10	59.3	62.5	54.5
31-08-2018	19:15	58.3	60.0	54.0
31-08-2018	19:20	58.4	59.5	54.0
31-08-2018	19:25	59.5	61.5	55.5
31-08-2018	19:30	59.6	62.0	54.5
31-08-2018	19:35	59.0	60.5	55.0
31-08-2018	19:40	60.1	63.0	55.5
31-08-2018	19:45	58.6	60.0	55.0
31-08-2018	19:50	58.0	59.5	54.5
31-08-2018	19:55	58.2	59.5	54.5
31-08-2018	20:00	59.4	60.5	56.5
31-08-2018	20:05	59.2	60.5	56.5
31-08-2018	20:10	59.3	60.5	56.5
31-08-2018	20:15	59.6	61.0	57.0
31-08-2018	20:20	59.3	60.5	56.5
31-08-2018	20:25	60.0	61.0	57.5
31-08-2018	20:30	59.5	61.5	56.0
31-08-2018	20:35	58.8	60.0	55.5
31-08-2018	20:40	59.0	60.5	56.0
31-08-2018	20:45	60.9	62.5	58.0
31-08-2018	20:50	59.7	61.0	57.0
31-08-2018	20:55	61.7	65.0	57.5
31-08-2018	21:00	61.3	62.5	57.5
31-08-2018	21:05	59.7	61.0	56.5
31-08-2018	21:10	59.3	60.5	56.0
31-08-2018	21:15	59.4	61.0	56.5
31-08-2018	21:20	58.9	60.5	55.5
31-08-2018	21:25	58.3	59.5	54.5
31-08-2018	21:30	59.4	61.0	55.5
31-08-2018	21:35	61.7	64.5	57.0
31-08-2018	21:40	61.9	65.0	57.0
31-08-2018	21:45	60.9	64.5	55.5
31-08-2018	21:50	57.7	59.0	53.5
31-08-2018	21:55	57.8	59.0	53.5
31-08-2018	22:00	58.0	59.5	53.0
31-08-2018	22:05	58.6	61.0	53.5
31-08-2018	22:10	58.6	60.5	54.0
31-08-2018	22:15	58.4	60.0	54.0
31-08-2018	22:20	58.3	60.0	54.5
31-08-2018	22:25	59.1	61.0	54.5
31-08-2018	22:30	58.1	60.0	53.5
31-08-2018	22:35	58.3	60.0	53.5
31-08-2018	22:40	57.1	58.5	52.0
31-08-2018	22:45	57.3	58.5	52.5
31-08-2018	22:50	57.2	58.5	52.5
31-08-2018	22:55	57.3	58.5	52.5

Measured Noise Levels (dB(A)) at NM2 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
01-09-2018	19:00	59.0	60.0	56.5
01-09-2018	19:05	58.7	60.0	55.5
01-09-2018	19:10	58.6	59.5	55.5
01-09-2018	19:15	58.9	60.0	56.0
01-09-2018	19:20	58.9	60.0	56.0
01-09-2018	19:25	59.6	61.0	56.5
01-09-2018	19:30	63.2	67.0	57.5
01-09-2018	19:35	59.2	60.5	56.5
01-09-2018	19:40	59.7	61.0	57.0
01-09-2018	19:45	59.2	60.5	56.5
01-09-2018	19:50	59.6	60.5	57.0
01-09-2018	19:55	59.3	60.5	56.5
01-09-2018	20:00	60.0	61.5	57.0
01-09-2018	20:05	59.0	60.0	56.0
01-09-2018	20:10	58.1	59.5	55.0
01-09-2018	20:15	58.2	59.5	55.0
01-09-2018	20:20	58.3	59.5	55.0
01-09-2018	20:25	58.4	59.5	55.0
01-09-2018	20:30	58.1	59.5	55.0
01-09-2018	20:35	58.3	59.5	55.0
01-09-2018	20:40	58.7	60.0	55.0
01-09-2018	20:45	58.1	59.0	54.0
01-09-2018	20:50	58.2	59.5	55.0
01-09-2018	20:55	60.7	62.5	57.5
01-09-2018	21:00	59.1	60.5	56.0
01-09-2018	21:05	58.4	59.5	55.0
01-09-2018	21:10	58.0	59.0	54.5
01-09-2018	21:15	57.6	59.0	53.5
01-09-2018	21:20	57.7	59.0	54.0
01-09-2018	21:25	57.9	59.0	54.0
01-09-2018	21:30	58.0	59.5	54.5
01-09-2018	21:35	58.3	59.5	55.0
01-09-2018	21:40	57.8	59.0	54.0
01-09-2018	21:45	57.9	59.0	54.5
01-09-2018	21:50	58.1	59.5	54.5
01-09-2018	21:55	59.9	61.5	54.5
01-09-2018	22:00	58.0	59.0	54.5
01-09-2018	22:05	58.8	60.0	55.5
01-09-2018	22:10	58.6	60.0	55.0
01-09-2018	22:15	57.7	59.0	54.0
01-09-2018	22:20	57.8	59.0	54.0
01-09-2018	22:25	58.2	59.5	54.5
01-09-2018	22:30	58.5	60.5	54.5
01-09-2018	22:35	57.9	59.0	54.0
01-09-2018	22:40	57.9	59.5	54.0
01-09-2018	22:45	57.6	59.0	53.5
01-09-2018	22:50	58.0	59.5	54.0
01-09-2018	22:55	57.6	59.0	53.5

Measured Noise Levels (dB(A)) at NM2 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
03-09-2018	19:00	58.2	59.5	54.0
03-09-2018	19:05	59.3	60.5	54.5
03-09-2018	19:10	58.1	59.0	54.5
03-09-2018	19:15	58.8	60.0	56.0
03-09-2018	19:20	58.8	60.0	56.0
03-09-2018	19:25	59.1	60.5	56.5
03-09-2018	19:30	59.3	61.0	56.5
03-09-2018	19:35	58.6	59.5	55.5
03-09-2018	19:40	58.3	59.5	55.0
03-09-2018	19:45	59.4	61.0	56.5
03-09-2018	19:50	58.6	60.0	55.5
03-09-2018	19:55	59.0	60.5	56.0
03-09-2018	20:00	58.3	60.0	54.5
03-09-2018	20:05	58.6	60.0	55.5
03-09-2018	20:10	59.3	61.0	56.0
03-09-2018	20:15	58.7	60.0	55.5
03-09-2018	20:20	64.9	66.0	63.0
03-09-2018	20:25	65.0	66.0	64.0
03-09-2018	20:30	65.2	66.0	64.0
03-09-2018	20:35	64.9	65.5	63.5
03-09-2018	20:40	62.6	64.0	61.0
03-09-2018	20:45	62.7	63.5	61.0
03-09-2018	20:50	62.4	63.0	61.0
03-09-2018	20:55	63.3	66.0	58.0
03-09-2018	21:00	58.3	59.5	55.0
03-09-2018	21:05	60.3	62.0	57.0
03-09-2018	21:10	61.0	63.0	58.0
03-09-2018	21:15	60.4	62.0	57.5
03-09-2018	21:20	58.7	61.0	55.0
03-09-2018	21:25	58.6	60.0	55.5
03-09-2018	21:30	58.2	59.5	54.5
03-09-2018	21:35	58.7	60.0	55.0
03-09-2018	21:40	58.4	60.0	55.0
03-09-2018	21:45	58.3	60.0	54.5
03-09-2018	21:50	57.9	59.0	54.0
03-09-2018	21:55	57.5	59.0	53.5
03-09-2018	22:00	57.2	58.5	53.0
03-09-2018	22:05	57.3	58.5	53.0
03-09-2018	22:10	57.4	59.0	53.0
03-09-2018	22:15	57.3	58.5	52.5
03-09-2018	22:20	57.9	59.0	52.5
03-09-2018	22:25	57.4	58.5	52.5
03-09-2018	22:30	57.5	59.0	53.0
03-09-2018	22:35	57.5	58.5	53.0
03-09-2018	22:40	57.9	59.5	53.5
03-09-2018	22:45	57.3	58.5	52.5
03-09-2018	22:50	57.0	58.5	52.5
03-09-2018	22:55	56.9	58.0	52.0

Measured Noise Levels (dB(A)) at NM2 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
04-09-2018	19:00	59.7	60.5	56.5
04-09-2018	19:05	59.3	60.5	56.5
04-09-2018	19:10	58.5	59.5	55.5
04-09-2018	19:15	58.5	59.5	55.5
04-09-2018	19:20	59.2	60.5	56.5
04-09-2018	19:25	58.8	60.0	56.0
04-09-2018	19:30	58.9	60.0	56.0
04-09-2018	19:35	58.8	60.0	56.0
04-09-2018	19:40	59.6	61.0	57.0
04-09-2018	19:45	59.2	60.5	56.0
04-09-2018	19:50	58.5	59.5	55.5
04-09-2018	19:55	58.6	60.0	55.5
04-09-2018	20:00	58.9	60.0	56.0
04-09-2018	20:05	58.8	60.0	56.0
04-09-2018	20:10	59.3	60.5	56.0
04-09-2018	20:15	59.1	61.0	56.0
04-09-2018	20:20	58.6	60.0	55.0
04-09-2018	20:25	58.8	60.5	55.0
04-09-2018	20:30	59.6	61.5	55.5
04-09-2018	20:35	59.2	61.0	55.5
04-09-2018	20:40	58.4	60.0	55.0
04-09-2018	20:45	58.4	60.0	55.0
04-09-2018	20:50	58.8	60.5	55.0
04-09-2018	20:55	60.7	63.5	57.0
04-09-2018	21:00	60.4	62.5	57.0
04-09-2018	21:05	58.6	60.5	55.5
04-09-2018	21:10	58.4	60.0	54.5
04-09-2018	21:15	58.5	60.0	54.5
04-09-2018	21:20	58.7	60.5	55.0
04-09-2018	21:25	58.7	60.5	54.5
04-09-2018	21:30	57.5	58.5	54.0
04-09-2018	21:35	57.3	58.5	53.0
04-09-2018	21:40	57.5	58.5	54.0
04-09-2018	21:45	57.6	59.0	54.0
04-09-2018	21:50	58.8	61.0	54.5
04-09-2018	21:55	57.6	59.0	54.0
04-09-2018	22:00	57.2	58.5	53.0
04-09-2018	22:05	57.5	58.5	52.5
04-09-2018	22:10	57.6	58.5	52.5
04-09-2018	22:15	58.5	61.0	53.5
04-09-2018	22:20	56.9	58.0	52.5
04-09-2018	22:25	58.5	61.0	53.5
04-09-2018	22:30	57.2	58.5	52.5
04-09-2018	22:35	56.7	58.0	52.0
04-09-2018	22:40	56.7	58.0	52.0
04-09-2018	22:45	57.1	58.0	52.5
04-09-2018	22:50	58.0	60.0	53.5
04-09-2018	22:55	57.6	59.0	54.0

Measured Noise Levels (dB(A)) at NM2 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
05-09-2018	19:00	59.9	61.5	57.0
05-09-2018	19:05	59.8	61.0	57.0
05-09-2018	19:10	59.5	60.5	56.5
05-09-2018	19:15	59.5	61.0	56.5
05-09-2018	19:20	59.2	60.5	56.0
05-09-2018	19:25	59.1	60.5	56.0
05-09-2018	19:30	59.5	61.0	56.5
05-09-2018	19:35	60.2	62.5	56.5
05-09-2018	19:40	59.9	62.0	56.5
05-09-2018	19:45	59.3	60.5	56.5
05-09-2018	19:50	59.2	61.0	56.0
05-09-2018	19:55	58.9	60.5	55.5
05-09-2018	20:00	59.1	60.5	55.5
05-09-2018	20:05	59.0	60.5	55.5
05-09-2018	20:10	59.2	60.5	56.0
05-09-2018	20:15	59.7	61.5	56.5
05-09-2018	20:20	59.2	60.5	56.0
05-09-2018	20:25	59.5	61.5	56.0
05-09-2018	20:30	59.4	61.0	56.0
05-09-2018	20:35	59.4	61.0	56.5
05-09-2018	20:40	58.7	60.0	55.5
05-09-2018	20:45	58.3	59.5	55.0
05-09-2018	20:50	58.5	60.0	55.0
05-09-2018	20:55	59.6	61.5	56.0
05-09-2018	21:00	61.4	63.0	58.0
05-09-2018	21:05	59.8	61.5	57.0
05-09-2018	21:10	58.6	60.0	55.0
05-09-2018	21:15	58.4	60.0	54.5
05-09-2018	21:20	57.9	59.0	54.0
05-09-2018	21:25	58.3	59.5	54.5
05-09-2018	21:30	58.2	59.5	54.5
05-09-2018	21:35	58.6	60.0	55.0
05-09-2018	21:40	58.8	60.5	55.0
05-09-2018	21:45	58.3	59.5	54.5
05-09-2018	21:50	59.1	61.0	55.5
05-09-2018	21:55	58.7	60.5	54.5
05-09-2018	22:00	57.9	59.5	53.0
05-09-2018	22:05	58.3	60.0	54.0
05-09-2018	22:10	57.9	59.5	53.5
05-09-2018	22:15	57.6	59.0	53.0
05-09-2018	22:20	58.2	60.0	54.0
05-09-2018	22:25	58.3	60.0	54.0
05-09-2018	22:30	57.8	59.5	53.0
05-09-2018	22:35	57.7	59.0	53.0
05-09-2018	22:40	57.9	59.5	53.0
05-09-2018	22:45	57.7	59.5	52.5
05-09-2018	22:50	57.7	59.0	53.0
05-09-2018	22:55	57.5	59.0	52.5

Measured Noise Levels (dB(A)) at NM2 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
06-09-2018	19:00	58.5	59.5	55.0
06-09-2018	19:05	58.5	59.5	55.0
06-09-2018	19:10	58.7	60.0	55.5
06-09-2018	19:15	59.4	60.5	57.0
06-09-2018	19:20	59.3	60.5	56.5
06-09-2018	19:25	59.5	60.5	57.0
06-09-2018	19:30	59.0	60.5	56.0
06-09-2018	19:35	59.4	60.5	56.0
06-09-2018	19:40	59.1	60.0	56.5
06-09-2018	19:45	58.7	60.0	55.5
06-09-2018	19:50	58.4	59.5	55.0
06-09-2018	19:55	58.4	60.0	55.0
06-09-2018	20:00	59.4	61.0	56.5
06-09-2018	20:05	58.5	60.0	55.5
06-09-2018	20:10	58.6	60.0	55.0
06-09-2018	20:15	59.2	60.5	56.0
06-09-2018	20:20	58.8	60.0	55.5
06-09-2018	20:25	59.1	61.0	55.0
06-09-2018	20:30	58.3	59.5	55.0
06-09-2018	20:35	58.5	60.0	55.0
06-09-2018	20:40	58.5	60.0	55.0
06-09-2018	20:45	58.8	60.5	55.0
06-09-2018	20:50	59.7	62.0	56.0
06-09-2018	20:55	59.2	61.5	55.5
06-09-2018	21:00	59.7	61.5	56.0
06-09-2018	21:05	59.2	61.5	55.0
06-09-2018	21:10	62.2	64.5	58.5
06-09-2018	21:15	59.7	61.5	56.5
06-09-2018	21:20	59.2	61.0	55.5
06-09-2018	21:25	58.6	60.0	55.0
06-09-2018	21:30	59.4	61.5	55.5
06-09-2018	21:35	58.9	61.0	55.0
06-09-2018	21:40	58.7	61.0	54.5
06-09-2018	21:45	58.4	60.5	53.5
06-09-2018	21:50	58.1	60.0	53.5
06-09-2018	21:55	58.9	61.0	54.5
06-09-2018	22:00	58.9	61.0	54.5
06-09-2018	22:05	58.2	60.0	53.5
06-09-2018	22:10	58.6	61.0	53.0
06-09-2018	22:15	57.8	59.5	53.0
06-09-2018	22:20	58.0	60.0	53.0
06-09-2018	22:25	57.7	59.5	52.5
06-09-2018	22:30	57.5	59.0	53.0
06-09-2018	22:35	57.4	58.5	52.5
06-09-2018	22:40	57.4	59.0	53.0
06-09-2018	22:45	57.4	59.0	53.0
06-09-2018	22:50	57.5	59.0	53.0
06-09-2018	22:55	57.1	58.5	52.0

Measured Noise Levels (dB(A)) at NM2 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
07-09-2018	19:00	62.0	64.0	59.0
07-09-2018	19:05	61.8	63.0	58.5
07-09-2018	19:10	62.3	64.5	59.0
07-09-2018	19:15	62.9	64.5	60.0
07-09-2018	19:20	62.7	64.5	58.5
07-09-2018	19:25	61.7	64.0	58.5
07-09-2018	19:30	63.3	65.0	60.0
07-09-2018	19:35	63.1	65.0	60.5
07-09-2018	19:40	61.0	62.5	58.5
07-09-2018	19:45	61.4	63.5	58.0
07-09-2018	19:50	61.5	63.5	58.0
07-09-2018	19:55	61.4	62.5	58.0
07-09-2018	20:00	60.7	62.0	58.0
07-09-2018	20:05	61.6	64.0	58.5
07-09-2018	20:10	61.1	63.5	57.5
07-09-2018	20:15	59.3	60.5	56.0
07-09-2018	20:20	59.8	61.0	57.0
07-09-2018	20:25	59.9	61.5	57.0
07-09-2018	20:30	61.2	63.0	58.5
07-09-2018	20:35	58.1	59.5	54.5
07-09-2018	20:40	58.2	59.5	54.5
07-09-2018	20:45	58.4	59.5	54.5
07-09-2018	20:50	60.4	62.5	57.0
07-09-2018	20:55	60.8	63.0	57.0
07-09-2018	21:00	59.9	61.5	56.5
07-09-2018	21:05	59.0	60.0	55.5
07-09-2018	21:10	59.1	60.0	56.0
07-09-2018	21:15	59.8	61.5	56.5
07-09-2018	21:20	59.9	61.5	57.0
07-09-2018	21:25	60.3	62.0	57.5
07-09-2018	21:30	58.8	60.0	55.0
07-09-2018	21:35	58.2	59.5	54.5
07-09-2018	21:40	59.2	60.5	56.0
07-09-2018	21:45	59.3	60.5	56.0
07-09-2018	21:50	59.5	61.0	56.0
07-09-2018	21:55	60.4	63.0	55.5
07-09-2018	22:00	58.5	59.5	55.0
07-09-2018	22:05	57.4	58.5	53.0
07-09-2018	22:10	58.6	61.0	53.5
07-09-2018	22:15	59.4	62.5	54.5
07-09-2018	22:20	57.9	59.5	54.0
07-09-2018	22:25	57.3	58.5	52.5
07-09-2018	22:30	57.3	58.5	52.5
07-09-2018	22:35	57.5	59.0	52.5
07-09-2018	22:40	57.1	58.5	52.0
07-09-2018	22:45	57.4	58.5	52.0
07-09-2018	22:50	57.0	58.5	52.0
07-09-2018	22:55	57.0	58.5	52.0

Measured Noise Levels (dB(A)) at NM2 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
08-09-2018	19:00	61.5	63.0	59.0
08-09-2018	19:05	60.4	61.5	58.0
08-09-2018	19:10	61.3	63.0	58.5
08-09-2018	19:15	62.6	64.0	60.5
08-09-2018	19:20	64.7	66.0	62.5
08-09-2018	19:25	64.7	66.0	62.5
08-09-2018	19:30	66.5	67.5	64.5
08-09-2018	19:35	63.6	65.0	61.5
08-09-2018	19:40	62.1	63.5	60.0
08-09-2018	19:45	63.0	64.5	60.5
08-09-2018	19:50	62.8	64.5	60.5
08-09-2018	19:55	62.1	64.0	59.0
08-09-2018	20:00	60.8	62.0	58.0
08-09-2018	20:05	62.6	64.5	59.5
08-09-2018	20:10	62.7	64.5	59.0
08-09-2018	20:15	62.5	64.5	59.0
08-09-2018	20:20	63.2	65.5	59.5
08-09-2018	20:25	62.5	64.5	59.0
08-09-2018	20:30	60.7	62.0	57.5
08-09-2018	20:35	59.5	61.0	56.0
08-09-2018	20:40	59.4	60.5	56.5
08-09-2018	20:45	60.4	62.0	57.5
08-09-2018	20:50	60.7	62.0	58.0
08-09-2018	20:55	61.1	63.0	57.5
08-09-2018	21:00	59.1	61.0	55.0
08-09-2018	21:05	59.2	61.0	55.5
08-09-2018	21:10	60.5	62.5	57.5
08-09-2018	21:15	59.4	60.5	56.0
08-09-2018	21:20	61.3	62.5	59.0
08-09-2018	21:25	61.5	63.0	58.5
08-09-2018	21:30	61.6	64.0	58.0
08-09-2018	21:35	61.1	62.5	58.0
08-09-2018	21:40	60.6	62.5	57.5
08-09-2018	21:45	61.1	62.5	58.5
08-09-2018	21:50	59.9	61.5	57.0
08-09-2018	21:55	60.2	62.0	57.0
08-09-2018	22:00	58.4	59.5	55.0
08-09-2018	22:05	58.2	59.5	54.0
08-09-2018	22:10	57.8	59.0	54.0
08-09-2018	22:15	57.9	59.0	54.0
08-09-2018	22:20	58.2	59.5	54.5
08-09-2018	22:25	57.8	59.5	53.5
08-09-2018	22:30	57.7	59.0	53.0
08-09-2018	22:35	57.4	58.5	52.5
08-09-2018	22:40	57.2	58.5	52.5
08-09-2018	22:45	57.5	59.0	52.5
08-09-2018	22:50	57.4	58.5	52.5
08-09-2018	22:55	57.6	59.0	52.5

Measured Noise Levels (dB(A)) at NM2 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
09-09-2018	7:00	57.0	58.5	52.0
09-09-2018	7:05	57.6	59.0	52.5
09-09-2018	7:10	57.1	58.5	52.5
09-09-2018	7:15	57.1	58.5	52.5
09-09-2018	7:20	57.1	58.5	52.0
09-09-2018	7:25	57.1	58.5	52.0
09-09-2018	7:30	57.2	58.5	52.5
09-09-2018	7:35	57.2	58.5	52.5
09-09-2018	7:40	57.2	58.5	52.5
09-09-2018	7:45	58.2	59.5	54.0
09-09-2018	7:50	59.9	61.5	56.5
09-09-2018	7:55	58.6	60.0	55.5
09-09-2018	8:00	60.4	62.0	56.5
09-09-2018	8:05	59.3	60.5	56.5
09-09-2018	8:10	59.1	60.5	56.0
09-09-2018	8:15	59.5	61.0	56.0
09-09-2018	8:20	59.7	61.5	56.5
09-09-2018	8:25	62.6	65.0	57.5
09-09-2018	8:30	60.9	62.5	56.5
09-09-2018	8:35	62.3	65.0	57.5
09-09-2018	8:40	58.5	60.0	54.5
09-09-2018	8:45	61.0	62.0	56.0
09-09-2018	8:50	62.1	64.5	57.5
09-09-2018	8:55	60.0	61.5	57.0
09-09-2018	9:00	60.0	61.5	57.0
09-09-2018	9:05	60.4	61.5	57.0
09-09-2018	9:10	59.5	61.0	56.5
09-09-2018	9:15	60.0	61.5	56.0
09-09-2018	9:20	59.2	60.5	56.5
09-09-2018	9:25	58.7	60.0	55.5
09-09-2018	9:30	59.9	61.5	56.0
09-09-2018	9:35	60.6	62.0	58.0
09-09-2018	9:40	60.2	61.5	57.0
09-09-2018	9:45	60.0	61.5	56.5
09-09-2018	9:50	59.1	60.5	56.0
09-09-2018	9:55	60.0	61.5	57.0
09-09-2018	10:00	61.5	63.5	57.5
09-09-2018	10:05	60.0	61.5	56.5
09-09-2018	10:10	59.7	61.0	55.5
09-09-2018	10:15	61.8	62.0	56.5
09-09-2018	10:20	59.8	61.0	57.0
09-09-2018	10:25	61.6	63.5	57.0
09-09-2018	10:30	61.6	63.0	57.0
09-09-2018	10:35	60.9	62.5	57.5
09-09-2018	10:40	60.1	62.0	56.5
09-09-2018	10:45	60.3	62.0	57.0
09-09-2018	10:50	61.3	63.0	57.0
09-09-2018	10:55	63.4	66.0	57.5



Measured Noise Levels (dB(A)) at NM2 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
09-09-2018	11:00	60.0	61.5	56.5
09-09-2018	11:05	59.1	60.5	55.5
09-09-2018	11:10	58.2	59.5	54.0
09-09-2018	11:15	58.7	60.0	55.0
09-09-2018	11:20	61.3	63.5	55.0
09-09-2018	11:25	60.9	62.0	55.5
09-09-2018	11:30	59.4	61.5	55.0
09-09-2018	11:35	61.9	64.0	55.0
09-09-2018	11:40	61.1	62.0	55.5
09-09-2018	11:45	59.3	60.5	55.5
09-09-2018	11:50	58.4	60.0	54.0
09-09-2018	11:55	58.1	59.5	53.5
09-09-2018	12:00	58.0	59.5	53.0
09-09-2018	12:05	58.1	59.0	52.5
09-09-2018	12:10	58.5	60.0	54.0
09-09-2018	12:15	59.0	60.5	55.5
09-09-2018	12:20	58.8	60.5	55.0
09-09-2018	12:25	58.2	59.5	53.5
09-09-2018	12:30	59.5	61.0	55.5
09-09-2018	12:35	59.6	61.0	56.0
09-09-2018	12:40	60.1	61.5	57.0
09-09-2018	12:45	60.0	61.5	56.5
09-09-2018	12:50	60.8	62.5	58.0
09-09-2018	12:55	60.3	62.0	57.0
09-09-2018	13:00	59.7	61.0	56.0
09-09-2018	13:05	59.9	61.5	56.5
09-09-2018	13:10	59.6	61.0	56.0
09-09-2018	13:15	59.7	61.0	56.5
09-09-2018	13:20	60.0	61.5	57.0
09-09-2018	13:25	58.4	60.0	54.0
09-09-2018	13:30	58.5	60.0	54.0
09-09-2018	13:35	59.9	61.5	56.0
09-09-2018	13:40	60.3	61.5	57.0
09-09-2018	13:45	59.6	61.0	56.0
09-09-2018	13:50	60.1	61.5	57.0
09-09-2018	13:55	60.2	61.5	57.0
09-09-2018	14:00	59.9	61.0	56.5
09-09-2018	14:05	61.2	62.5	57.5
09-09-2018	14:10	60.3	62.0	57.0
09-09-2018	14:15	60.3	61.5	57.0
09-09-2018	14:20	60.5	62.0	57.0
09-09-2018	14:25	60.2	62.0	56.5
09-09-2018	14:30	65.3	68.5	57.5
09-09-2018	14:35	66.5	70.5	57.0
09-09-2018	14:40	66.7	71.0	57.0
09-09-2018	14:45	66.7	70.5	57.5
09-09-2018	14:50	61.5	62.5	57.5
09-09-2018	14:55	60.8	62.0	57.0

Measured Noise Levels (dB(A)) at NM2 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
09-09-2018	15:00	62.6	63.0	57.0
09-09-2018	15:05	60.6	62.0	57.5
09-09-2018	15:10	60.0	61.5	56.5
09-09-2018	15:15	59.6	61.0	56.0
09-09-2018	15:20	59.4	61.0	55.5
09-09-2018	15:25	58.7	60.0	54.0
09-09-2018	15:30	57.8	59.0	52.5
09-09-2018	15:35	61.5	59.5	53.5
09-09-2018	15:40	59.2	60.5	55.5
09-09-2018	15:45	59.8	61.0	56.5
09-09-2018	15:50	59.5	61.0	56.0
09-09-2018	15:55	59.4	60.5	56.5
09-09-2018	16:00	61.4	62.5	57.0
09-09-2018	16:05	59.8	61.0	57.0
09-09-2018	16:10	59.8	61.0	57.0
09-09-2018	16:15	59.8	61.0	57.0
09-09-2018	16:20	59.8	61.0	57.0
09-09-2018	16:25	60.6	62.0	57.5
09-09-2018	16:30	60.9	62.0	58.5
09-09-2018	16:35	60.7	62.0	58.0
09-09-2018	16:40	59.7	61.0	56.5
09-09-2018	16:45	60.3	61.5	58.0
09-09-2018	16:50	60.3	62.0	57.5
09-09-2018	16:55	61.9	63.0	59.5
09-09-2018	17:00	62.0	63.5	59.5
09-09-2018	17:05	62.0	63.5	59.5
09-09-2018	17:10	62.1	63.5	59.5
09-09-2018	17:15	61.0	62.5	58.5
09-09-2018	17:20	61.3	63.0	58.5
09-09-2018	17:25	60.3	61.5	57.5
09-09-2018	17:30	62.2	64.5	59.0
09-09-2018	17:35	61.7	63.5	59.0
09-09-2018	17:40	61.8	63.5	59.0
09-09-2018	17:45	60.3	62.0	57.5
09-09-2018	17:50	60.6	62.0	57.5
09-09-2018	17:55	60.5	62.0	57.5
09-09-2018	18:00	60.8	62.5	57.5
09-09-2018	18:05	61.0	62.5	58.5
09-09-2018	18:10	60.9	62.5	57.5
09-09-2018	18:15	60.5	62.0	57.5
09-09-2018	18:20	60.3	61.5	57.5
09-09-2018	18:25	60.0	61.5	57.0
09-09-2018	18:30	60.0	61.5	57.0
09-09-2018	18:35	60.0	61.5	57.0
09-09-2018	18:40	58.9	60.5	55.5
09-09-2018	18:45	59.9	61.0	57.0
09-09-2018	18:50	60.8	62.5	58.0
09-09-2018	18:55	59.7	61.0	57.0

Measured Noise Levels (dB(A)) at NM2 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
09-09-2018	19:00	59.8	61.0	56.5
09-09-2018	19:05	60.6	62.5	57.5
09-09-2018	19:10	61.3	63.0	58.0
09-09-2018	19:15	61.1	62.5	57.5
09-09-2018	19:20	61.0	62.5	58.5
09-09-2018	19:25	61.4	63.0	58.5
09-09-2018	19:30	61.3	63.0	58.5
09-09-2018	19:35	60.7	62.0	57.5
09-09-2018	19:40	60.1	61.5	57.0
09-09-2018	19:45	61.2	63.5	56.0
09-09-2018	19:50	61.1	63.0	57.0
09-09-2018	19:55	60.1	62.0	56.5
09-09-2018	20:00	60.0	62.0	56.5
09-09-2018	20:05	60.2	62.0	56.0
09-09-2018	20:10	60.3	62.5	56.5
09-09-2018	20:15	60.1	62.0	56.5
09-09-2018	20:20	59.6	61.0	56.5
09-09-2018	20:25	62.8	64.5	59.5
09-09-2018	20:30	64.3	66.5	60.0
09-09-2018	20:35	62.1	64.0	59.0
09-09-2018	20:40	63.0	65.0	59.0
09-09-2018	20:45	62.7	64.5	60.0
09-09-2018	20:50	59.2	61.0	55.5
09-09-2018	20:55	61.2	64.5	55.5
09-09-2018	21:00	63.2	66.5	57.5
09-09-2018	21:05	59.7	61.0	56.5
09-09-2018	21:10	58.7	60.0	55.5
09-09-2018	21:15	58.7	60.5	54.5
09-09-2018	21:20	58.2	59.5	54.5
09-09-2018	21:25	59.1	60.5	55.5
09-09-2018	21:30	58.5	60.0	55.0
09-09-2018	21:35	59.0	60.5	56.0
09-09-2018	21:40	59.7	62.0	56.5
09-09-2018	21:45	65.6	70.0	59.0
09-09-2018	21:50	68.6	71.5	62.0
09-09-2018	21:55	63.5	65.5	60.0
09-09-2018	22:00	59.4	60.5	56.5
09-09-2018	22:05	60.1	61.5	57.0
09-09-2018	22:10	61.9	63.5	58.5
09-09-2018	22:15	63.3	65.0	60.5
09-09-2018	22:20	63.6	65.5	61.0
09-09-2018	22:25	59.2	61.0	55.0
09-09-2018	22:30	57.4	58.5	52.5
09-09-2018	22:35	58.1	59.5	53.0
09-09-2018	22:40	57.1	58.5	52.0
09-09-2018	22:45	57.1	58.5	52.0
09-09-2018	22:50	57.2	58.5	52.5
09-09-2018	22:55	57.0	58.5	52.0

Measured Noise Levels (dB(A)) at NM2 during Evening on Normal Weekdays  
(19:00-23:00 hrs) and Holidays (07:00-23:00 hrs)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
	<b>Average</b>	60.0		
	<b>Min</b>	56.7		
	<b>Max</b>	69.1		

Notes:

- (a) Data affected by the rain were discarded.
- (b) Data collection was corrupted due to power failure during 2 – 3 Sep 2018.
- (c) Correction of +3 dB(A) was made for free field measurements.

Measured Noise Levels (dB(A)) at NM2 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
24-08-2018	23:00	57.5	59.0	53.0
24-08-2018	23:05	57.8	59.0	53.0
24-08-2018	23:10	58.2	59.5	53.0
24-08-2018	23:15	57.2	58.5	52.5
24-08-2018	23:20	57.2	58.5	52.5
24-08-2018	23:25	57.2	58.5	52.5
24-08-2018	23:30	57.7	59.0	53.0
24-08-2018	23:35	57.3	58.5	52.5
24-08-2018	23:40	57.5	59.0	53.0
24-08-2018	23:45	57.2	58.5	52.5
24-08-2018	23:50	57.7	59.0	53.5
24-08-2018	23:55	57.4	59.0	53.0
25-08-2018	0:00	58.4	59.5	53.0
25-08-2018	0:05	57.8	59.5	52.5
25-08-2018	0:10	57.1	58.5	52.0
25-08-2018	0:15	57.1	58.5	52.0
25-08-2018	0:20	58.4	60.0	53.0
25-08-2018	0:25	57.7	59.5	53.0
25-08-2018	0:30	57.5	59.0	53.0
25-08-2018	0:35	57.8	59.0	53.5
25-08-2018	0:40	58.3	59.5	55.0
25-08-2018	0:45	58.4	60.0	55.0
25-08-2018	0:50	58.1	59.5	54.0
25-08-2018	0:55	57.8	59.5	53.5
25-08-2018	1:00	59.3	61.0	56.0
25-08-2018	1:05	58.2	59.5	54.0
25-08-2018	1:10	57.7	59.0	54.0
25-08-2018	1:15	58.7	60.0	54.0
25-08-2018	1:20	57.4	59.0	53.0
25-08-2018	1:25	57.3	58.5	52.5
25-08-2018	1:30	57.5	59.0	53.5
25-08-2018	1:35	57.3	58.5	52.5
25-08-2018	1:40	57.5	59.0	53.0
25-08-2018	1:45	57.8	59.0	54.0
25-08-2018	1:50	58.0	59.5	54.5
25-08-2018	1:55	57.7	59.0	53.5
25-08-2018	2:00	57.4	58.5	53.0
25-08-2018	2:05	58.8	60.5	54.0
25-08-2018	2:10	57.9	59.5	53.5
25-08-2018	2:15	57.4	59.0	53.0
25-08-2018	2:20	57.5	59.0	53.0
25-08-2018	2:25	58.6	59.5	53.0
25-08-2018	2:30	57.5	58.5	52.5
25-08-2018	2:35	57.6	58.5	52.5
25-08-2018	2:40	57.4	58.5	53.0
25-08-2018	2:45	58.2	60.0	53.5
25-08-2018	2:50	57.3	58.5	53.0
25-08-2018	2:55	57.5	59.0	53.0

Measured Noise Levels (dB(A)) at NM2 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
25-08-2018	3:00	57.4	58.5	53.0
25-08-2018	3:05	57.4	58.5	53.0
25-08-2018	3:10	57.5	59.0	53.0
25-08-2018	3:15	57.7	59.0	53.5
25-08-2018	3:20	57.6	59.0	53.5
25-08-2018	3:25	57.7	59.0	53.5
25-08-2018	3:30	58.0	59.5	54.0
25-08-2018	3:35	57.6	59.0	53.5
25-08-2018	3:40	57.6	58.5	53.0
25-08-2018	3:45	58.1	59.5	53.5
25-08-2018	3:50	57.2	58.5	52.5
25-08-2018	3:55	57.8	59.0	53.0
25-08-2018	4:00	57.4	58.5	52.5
25-08-2018	4:05	57.2	58.5	52.5
25-08-2018	4:10	57.1	58.5	52.5
25-08-2018	4:15	57.2	58.5	52.5
25-08-2018	4:20	57.2	58.5	52.5
25-08-2018	4:25	57.7	59.0	53.0
25-08-2018	4:30	57.2	58.5	52.5
25-08-2018	4:35	58.6	61.0	53.5
25-08-2018	4:40	58.4	60.5	53.0
25-08-2018	4:45	57.2	58.5	52.5
25-08-2018	4:50	57.2	58.5	52.5
25-08-2018	4:55	57.2	58.5	52.5
25-08-2018	5:00	58.0	59.5	53.0
25-08-2018	5:05	57.2	58.5	52.5
25-08-2018	5:10	58.4	60.0	53.0
25-08-2018	5:15	57.2	58.5	52.5
25-08-2018	5:20	57.2	58.5	52.5
25-08-2018	5:25	57.2	58.5	52.5
25-08-2018	5:30	57.7	59.0	53.0
25-08-2018	5:35	58.6	60.5	53.5
25-08-2018	5:40	57.7	59.0	53.0
25-08-2018	5:45	58.3	59.5	54.0
25-08-2018	5:50	58.0	59.5	54.0
25-08-2018	5:55	57.6	59.0	53.5
25-08-2018	6:00	58.7	60.5	54.0
25-08-2018	6:05	58.1	59.5	53.5
25-08-2018	6:10	57.7	59.0	53.5
25-08-2018	6:15	57.5	58.5	53.0
25-08-2018	6:20	58.3	60.0	53.5
25-08-2018	6:25	57.8	59.0	53.0
25-08-2018	6:30	58.2	58.5	52.5
25-08-2018	6:35	57.7	59.0	53.0
25-08-2018	6:40	58.7	60.0	52.5
25-08-2018	6:45	58.1	59.5	53.0
25-08-2018	6:50	61.5	59.0	52.5
25-08-2018	6:55	58.7	61.0	53.5

Measured Noise Levels (dB(A)) at NM2 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
25-08-2018	23:00	57.4	58.5	53.0
25-08-2018	23:05	57.3	58.5	52.5
25-08-2018	23:10	57.0	58.5	52.0
25-08-2018	23:15	57.0	58.5	52.0
25-08-2018	23:20	57.4	58.5	52.5
25-08-2018	23:25	59.0	61.5	53.0
25-08-2018	23:30	57.1	58.5	52.0
25-08-2018	23:35	56.9	58.5	51.5
25-08-2018	23:40	57.0	58.5	52.0
25-08-2018	23:45	56.9	58.5	52.0
25-08-2018	23:50	57.0	58.5	52.0
25-08-2018	23:55	57.2	58.5	52.5
26-08-2018	0:00	57.1	58.5	52.0
26-08-2018	0:05	58.6	60.0	52.5
26-08-2018	0:10	58.1	59.5	53.0
26-08-2018	0:15	57.0	58.5	52.0
26-08-2018	0:20	57.0	58.5	52.0
26-08-2018	0:25	57.9	60.0	52.5
26-08-2018	0:30	57.0	58.5	52.0
26-08-2018	0:35	57.0	58.5	52.0
26-08-2018	0:40	58.9	61.0	52.5
26-08-2018	0:45	57.0	58.5	52.0
26-08-2018	0:50	57.0	58.5	52.0
26-08-2018	0:55	57.6	58.5	52.5
26-08-2018	1:00	57.1	58.5	52.5
26-08-2018	1:05	58.2	59.5	52.5
26-08-2018	1:10	57.0	58.5	52.0
26-08-2018	1:15	57.2	58.5	52.0
26-08-2018	1:20	56.9	58.5	52.0
26-08-2018	1:25	57.0	58.5	52.0
26-08-2018	1:30	56.9	58.5	52.0
26-08-2018	1:35	56.9	58.5	52.0
26-08-2018	1:40	56.9	58.5	51.5
26-08-2018	1:45	56.9	58.5	51.5
26-08-2018	1:50	60.2	63.0	52.5
26-08-2018	1:55	56.9	58.5	51.5
26-08-2018	2:00	56.9	58.5	51.5
26-08-2018	2:05	57.2	58.5	52.0
26-08-2018	2:10	58.6	59.5	52.0
26-08-2018	2:15	56.8	58.0	51.5
26-08-2018	2:20	56.8	58.5	51.5
26-08-2018	2:25	57.3	58.5	52.0
26-08-2018	2:30	56.9	58.5	51.5
26-08-2018	2:35	56.9	58.5	51.5
26-08-2018	2:40	56.8	58.5	51.5
26-08-2018	2:45	56.8	58.0	51.5
26-08-2018	2:50	56.8	58.5	51.5
26-08-2018	2:55	56.9	58.5	51.5

Measured Noise Levels (dB(A)) at NM2 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
26-08-2018	3:00	56.9	58.5	52.0
26-08-2018	3:05	59.6	61.5	52.0
26-08-2018	3:10	58.3	59.5	52.0
26-08-2018	3:15	56.9	58.5	51.5
26-08-2018	3:20	56.9	58.5	52.0
26-08-2018	3:25	57.1	58.5	52.0
26-08-2018	3:30	56.9	58.5	52.0
26-08-2018	3:35	56.8	58.5	51.5
26-08-2018	3:40	56.8	58.0	51.5
26-08-2018	3:45	57.1	58.5	52.0
26-08-2018	3:50	56.9	58.5	51.5
26-08-2018	3:55	56.9	58.5	51.5
26-08-2018	4:00	56.9	58.0	51.5
26-08-2018	4:05	56.9	58.5	51.5
26-08-2018	4:10	56.9	58.5	51.5
26-08-2018	4:15	57.0	58.5	52.0
26-08-2018	4:20	59.6	61.5	52.0
26-08-2018	4:25	57.5	58.5	52.0
26-08-2018	4:30	58.7	61.5	53.0
26-08-2018	4:35	57.3	58.5	52.0
26-08-2018	4:40	57.5	59.0	52.0
26-08-2018	4:45	57.5	59.0	52.0
26-08-2018	4:50	57.2	58.5	52.0
26-08-2018	4:55	57.3	58.5	52.0
26-08-2018	5:00	56.9	58.5	52.0
26-08-2018	5:05	58.0	60.5	52.5
26-08-2018	5:10	57.2	58.5	52.0
26-08-2018	5:15	56.9	58.5	52.0
26-08-2018	5:20	56.9	58.5	52.0
26-08-2018	5:25	57.3	58.5	52.0
26-08-2018	5:30	57.1	58.5	52.0
26-08-2018	5:35	58.2	59.5	52.5
26-08-2018	5:40	57.3	58.5	52.5
26-08-2018	5:45	57.2	58.5	52.5
26-08-2018	5:50	57.1	58.5	52.0
26-08-2018	5:55	57.9	59.5	53.5
26-08-2018	6:00	58.0	59.5	53.5
26-08-2018	6:05	57.4	58.5	52.5
26-08-2018	6:10	57.1	58.5	52.5
26-08-2018	6:15	57.1	58.5	52.5
26-08-2018	6:20	57.8	59.0	52.5
26-08-2018	6:25	58.9	61.0	53.5
26-08-2018	6:30	58.3	59.5	53.0
26-08-2018	6:35	57.7	59.0	52.5
26-08-2018	6:40	58.1	59.5	52.5
26-08-2018	6:45	61.5	62.5	53.0
26-08-2018	6:50	57.7	59.0	52.5
26-08-2018	6:55	57.9	59.5	52.5

Measured Noise Levels (dB(A)) at NM2 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
26-08-2018	23:00	56.9	58.5	52.0
26-08-2018	23:05	58.1	58.5	52.0
26-08-2018	23:10	63.6	68.5	55.0
26-08-2018	23:15	65.3	69.0	60.0
26-08-2018	23:20	63.7	65.0	61.0
26-08-2018	23:25	65.1	66.0	63.0
26-08-2018	23:30	66.5	68.5	64.5
26-08-2018	23:35	62.5	64.5	59.5
26-08-2018	23:40	61.1	60.5	56.0
26-08-2018	23:45	58.3	59.5	54.5
26-08-2018	23:50	57.4	58.5	52.5
26-08-2018	23:55	60.2	64.0	54.0
27-08-2018	0:00	69.8	71.0	67.5
27-08-2018	0:05	65.9	66.5	64.5
27-08-2018	0:10	64.1	66.0	61.5
27-08-2018	0:15	59.8	61.5	57.0
27-08-2018	0:20	57.5	59.0	53.5
27-08-2018	0:25	57.6	59.0	53.5
27-08-2018	0:30	59.0	60.0	56.5
27-08-2018	0:35	58.6	60.0	55.5
27-08-2018	0:40	57.7	59.0	54.0
27-08-2018	0:45	57.2	58.5	53.0
27-08-2018	0:50	57.1	58.5	52.5
27-08-2018	0:55	57.2	58.5	52.5
27-08-2018	1:00	57.0	58.5	52.5
27-08-2018	1:05	57.2	58.5	52.5
27-08-2018	1:10	58.3	59.5	55.0
27-08-2018	1:15	58.6	59.5	55.5
27-08-2018	1:20	58.1	59.5	55.0
27-08-2018	1:25	57.4	58.5	53.0
27-08-2018	1:30	57.0	58.5	52.5
27-08-2018	1:35	57.1	58.5	52.5
27-08-2018	1:40	56.9	58.5	52.0
27-08-2018	1:45	57.0	58.5	52.0
27-08-2018	1:50	58.0	59.5	54.0
27-08-2018	1:55	57.6	59.0	53.5
27-08-2018	2:00	57.2	58.5	53.0
27-08-2018	2:05	56.9	58.0	52.0
27-08-2018	2:10	56.9	58.0	52.0
27-08-2018	2:15	57.0	58.5	52.0
27-08-2018	2:20	57.5	59.0	52.5
27-08-2018	2:25	57.2	58.5	53.0
27-08-2018	2:30	57.0	58.5	52.0
27-08-2018	2:35	56.9	58.5	52.0
27-08-2018	2:40	57.5	58.5	52.0
27-08-2018	2:45	56.9	58.5	52.0
27-08-2018	2:50	56.9	58.5	52.0
27-08-2018	2:55	57.0	58.5	52.0

Measured Noise Levels (dB(A)) at NM2 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
27-08-2018	3:00	56.9	58.5	52.0
27-08-2018	3:05	57.0	58.5	52.0
27-08-2018	3:10	56.9	58.5	52.0
27-08-2018	3:15	57.4	58.5	53.0
27-08-2018	3:20	57.3	58.5	53.0
27-08-2018	3:25	57.0	58.5	52.0
27-08-2018	3:30	57.0	58.5	52.0
27-08-2018	3:35	57.0	58.5	52.0
27-08-2018	3:40	56.9	58.5	52.0
27-08-2018	3:45	57.8	59.0	52.5
27-08-2018	3:50	56.9	58.5	52.0
27-08-2018	3:55	57.0	58.5	52.0
27-08-2018	4:00	57.0	58.5	52.5
27-08-2018	4:05	57.1	58.5	52.5
27-08-2018	4:10	57.1	58.5	52.5
27-08-2018	4:15	59.3	61.5	53.0
27-08-2018	4:20	57.0	58.5	52.5
27-08-2018	4:25	57.4	58.5	53.0
27-08-2018	4:30	57.1	58.5	52.5
27-08-2018	4:35	57.5	59.0	53.5
27-08-2018	4:40	58.0	59.0	54.0
27-08-2018	4:45	57.9	59.0	54.0
27-08-2018	4:50	58.3	59.5	54.5
27-08-2018	4:55	58.1	59.5	54.0
27-08-2018	5:00	57.4	58.5	53.5
27-08-2018	5:05	57.5	59.0	53.5
27-08-2018	5:10	57.6	59.0	54.0
27-08-2018	5:15	57.6	59.0	54.0
27-08-2018	5:20	57.6	59.0	54.0
27-08-2018	5:25	58.8	60.5	55.0
27-08-2018	5:30	58.3	59.5	55.0
27-08-2018	5:35	58.0	59.0	54.5
27-08-2018	5:40	58.0	59.0	54.5
27-08-2018	5:45	58.7	59.5	55.5
27-08-2018	5:50	59.3	61.5	55.5
27-08-2018	5:55	58.6	60.0	55.0
27-08-2018	6:00	58.2	59.0	55.0
27-08-2018	6:05	58.2	59.0	55.0
27-08-2018	6:10	58.3	59.5	54.5
27-08-2018	6:15	59.2	61.5	55.0
27-08-2018	6:20	58.2	59.5	54.5
27-08-2018	6:25	57.7	59.0	54.0
27-08-2018	6:30	58.4	59.0	54.5
27-08-2018	6:35	58.8	60.5	54.5
27-08-2018	6:40	57.9	59.5	54.0
27-08-2018	6:45	58.0	59.5	54.0
27-08-2018	6:50	58.3	59.0	53.5
27-08-2018	6:55	57.7	59.0	53.5

Measured Noise Levels (dB(A)) at NM2 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
27-08-2018	23:00	57.2	58.5	52.5
27-08-2018	23:05	57.0	58.5	52.0
27-08-2018	23:10	57.0	58.5	52.0
27-08-2018	23:15	58.4	60.0	53.5
27-08-2018	23:20	58.1	59.5	53.5
27-08-2018	23:25	58.3	60.0	53.5
27-08-2018	23:30	57.3	58.5	52.5
27-08-2018	23:35	57.5	58.5	53.0
27-08-2018	23:40	57.2	58.5	52.0
27-08-2018	23:45	57.1	58.5	52.0
27-08-2018	23:50	58.5	60.0	52.5
27-08-2018	23:55	57.4	58.5	52.5
28-08-2018	0:00	57.5	58.5	53.0
28-08-2018	0:05	57.7	59.0	52.5
28-08-2018	0:10	57.0	58.5	52.0
28-08-2018	0:15	57.1	58.5	52.0
28-08-2018	0:20	57.4	59.0	53.0
28-08-2018	0:25	59.0	61.0	54.5
28-08-2018	0:30	64.4	67.0	60.0
28-08-2018	0:35	62.4	65.0	56.5
28-08-2018	0:40	64.4	67.5	58.5
28-08-2018	0:45	57.3	58.5	52.5
28-08-2018	0:50	57.1	58.5	52.0
28-08-2018	0:55	57.1	58.5	52.0
28-08-2018	1:00	57.1	58.5	52.0
28-08-2018	1:05	56.9	58.5	51.5
28-08-2018	1:10	57.0	58.5	51.5
28-08-2018	1:15	57.0	58.5	52.0
28-08-2018	1:20	57.1	58.5	52.0
28-08-2018	1:25	57.2	58.5	52.0
28-08-2018	1:30	57.3	58.5	52.5
28-08-2018	1:35	57.1	58.5	52.0
28-08-2018	1:40	57.1	58.5	52.0
28-08-2018	1:45	57.2	58.5	52.0
28-08-2018	1:50	57.0	58.5	52.0
28-08-2018	1:55	57.1	58.5	52.0
28-08-2018	2:00	57.1	58.5	52.0
28-08-2018	2:05	57.0	58.5	51.5
28-08-2018	2:10	57.0	58.5	52.0
28-08-2018	2:15	57.0	58.5	51.5
28-08-2018	2:20	57.0	58.5	51.5
28-08-2018	2:25	57.0	58.5	51.5
28-08-2018	2:30	57.0	58.5	51.5
28-08-2018	2:35	57.0	58.5	51.5
28-08-2018	2:40	57.0	58.5	51.5
28-08-2018	2:45	57.1	58.5	52.0
28-08-2018	2:50	57.0	58.5	51.5
28-08-2018	2:55	57.0	58.5	51.5

Measured Noise Levels (dB(A)) at NM2 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
28-08-2018	3:00	57.0	58.5	51.5
28-08-2018	3:05	57.0	58.5	52.0
28-08-2018	3:10	57.0	58.5	51.5
28-08-2018	3:15	57.0	58.5	51.5
28-08-2018	3:20	57.0	58.5	52.0
28-08-2018	3:25	57.2	58.5	52.5
28-08-2018	3:30	57.8	59.0	52.5
28-08-2018	3:35	57.1	58.5	52.0
28-08-2018	3:40	57.1	58.5	52.0
28-08-2018	3:45	57.8	59.5	52.5
28-08-2018	3:50	57.1	58.5	52.0
28-08-2018	3:55	57.2	58.5	52.5
28-08-2018	4:00	57.1	58.5	52.0
28-08-2018	4:05	57.2	58.5	52.5
28-08-2018	4:10	57.9	59.0	52.5
28-08-2018	4:15	57.2	58.5	52.5
28-08-2018	4:20	64.9	68.5	56.0
28-08-2018	4:25	57.7	59.0	53.0
28-08-2018	4:30	57.3	58.5	52.5
28-08-2018	4:35	57.2	58.5	52.5
28-08-2018	4:40	57.2	58.5	52.5
28-08-2018	4:45	57.1	58.5	52.0
28-08-2018	4:50	57.2	58.5	52.0
28-08-2018	4:55	57.2	58.5	52.0
28-08-2018	5:00	57.2	58.5	52.5
28-08-2018	5:05	57.2	58.5	52.5
28-08-2018	5:10	57.1	58.5	52.0
28-08-2018	5:15	57.2	58.5	52.5
28-08-2018	5:20	57.8	59.0	53.5
28-08-2018	5:25	57.5	59.0	53.0
28-08-2018	5:30	57.8	59.0	54.0
28-08-2018	5:35	57.8	59.0	54.0
28-08-2018	5:40	58.3	59.5	55.0
28-08-2018	5:45	58.6	60.0	55.5
28-08-2018	5:50	59.2	60.0	56.0
28-08-2018	5:55	59.0	60.0	56.0
28-08-2018	6:00	59.0	60.5	55.5
28-08-2018	6:05	58.5	59.5	55.0
28-08-2018	6:10	58.5	59.5	55.5
28-08-2018	6:15	58.1	59.5	54.5
28-08-2018	6:20	57.9	59.0	54.5
28-08-2018	6:25	61.7	60.0	55.5
28-08-2018	6:30	61.6	60.0	55.0
28-08-2018	6:35	60.6	63.0	54.5
28-08-2018	6:40	64.7	61.5	54.0
28-08-2018	6:45	61.5	61.5	55.5
28-08-2018	6:50	58.2	59.5	54.5
28-08-2018	6:55	59.0	60.0	54.5

Measured Noise Levels (dB(A)) at NM2 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
28-08-2018	23:00	57.2	58.5	52.5
28-08-2018	23:05	57.1	58.5	52.0
28-08-2018	23:10	57.2	58.5	52.5
28-08-2018	23:15	57.2	58.5	52.5
28-08-2018	23:20	57.1	58.5	52.0
28-08-2018	23:25	57.1	58.5	52.0
28-08-2018	23:30	57.6	58.5	52.5
28-08-2018	23:35	57.1	58.5	52.0
28-08-2018	23:40	57.0	58.5	52.0
28-08-2018	23:45	57.1	58.5	52.0
28-08-2018	23:50	57.0	58.5	52.0
28-08-2018	23:55	57.0	58.5	52.0
29-08-2018	0:00	57.1	58.5	52.0
29-08-2018	0:05	57.1	58.5	52.0
29-08-2018	0:10	57.0	58.5	52.0
29-08-2018	0:15	57.2	58.5	52.5
29-08-2018	0:20	57.2	58.5	52.5
29-08-2018	0:25	57.0	58.5	52.0
29-08-2018	0:30	57.0	58.5	51.5
29-08-2018	0:35	57.4	58.5	52.0
29-08-2018	0:40	57.2	58.5	52.0
29-08-2018	0:45	57.1	58.5	52.0
29-08-2018	0:50	57.1	58.5	52.0
29-08-2018	0:55	57.0	58.5	52.0
29-08-2018	1:00	57.0	58.5	51.5
29-08-2018	1:05	56.9	58.5	51.5
29-08-2018	1:10	57.1	58.5	52.0
29-08-2018	1:15	57.2	58.5	52.0
29-08-2018	1:20	57.1	58.5	52.0
29-08-2018	1:25	57.9	59.5	52.0
29-08-2018	1:30	57.5	58.5	52.0
29-08-2018	1:35	56.9	58.5	51.5
29-08-2018	1:40	57.0	58.5	51.5
29-08-2018	1:45	57.1	58.5	52.0
29-08-2018	1:50	57.8	59.0	52.5
29-08-2018	1:55	57.3	58.5	52.0
29-08-2018	2:00	56.9	58.5	51.5
29-08-2018	2:05	56.9	58.5	51.5
29-08-2018	2:10	57.0	58.5	51.5
29-08-2018	2:15	56.9	58.5	51.5
29-08-2018	2:20	57.0	58.5	51.5
29-08-2018	2:25	56.9	58.5	51.5
29-08-2018	2:30	57.0	58.5	51.5
29-08-2018	2:35	58.5	60.0	52.0
29-08-2018	2:40	57.0	58.5	51.5
29-08-2018	2:45	57.1	58.5	52.0
29-08-2018	2:50	57.0	58.5	51.5
29-08-2018	2:55	57.0	58.5	51.5

Measured Noise Levels (dB(A)) at NM2 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
29-08-2018	3:00	57.0	58.5	51.5
29-08-2018	3:05	56.9	58.5	51.5
29-08-2018	3:10	56.9	58.5	51.5
29-08-2018	3:15	56.9	58.5	51.5
29-08-2018	3:20	57.0	58.5	51.5
29-08-2018	3:25	57.0	58.5	51.5
29-08-2018	3:30	57.0	58.5	52.0
29-08-2018	3:35	57.1	58.5	52.0
29-08-2018	3:40	57.4	58.5	53.0
29-08-2018	3:45	58.0	59.0	54.5
29-08-2018	3:50	57.9	59.0	54.5
29-08-2018	3:55	57.8	59.0	54.0
29-08-2018	4:00	57.7	59.0	54.0
29-08-2018	4:05	57.7	59.0	54.0
29-08-2018	4:10	58.2	59.5	54.5
29-08-2018	4:15	57.8	59.0	54.0
29-08-2018	4:20	59.1	61.0	54.5
29-08-2018	4:25	58.5	60.0	54.5
29-08-2018	4:30	57.8	59.0	54.0
29-08-2018	4:35	58.6	60.0	55.0
29-08-2018	4:40	58.0	59.0	54.0
29-08-2018	4:45	57.7	59.0	54.0
29-08-2018	4:50	57.7	59.0	53.5
29-08-2018	4:55	57.7	59.0	53.5
29-08-2018	5:00	57.7	59.0	54.0
29-08-2018	5:05	57.7	59.0	53.5
29-08-2018	5:10	57.8	59.0	54.0
29-08-2018	5:15	58.3	59.5	54.0
29-08-2018	5:20	58.7	60.0	54.5
29-08-2018	5:25	58.7	60.5	55.0
29-08-2018	5:30	58.8	60.5	55.0
29-08-2018	5:35	60.1	61.5	57.0
29-08-2018	5:40	59.7	61.5	56.0
29-08-2018	5:45	60.3	61.0	58.0
29-08-2018	5:50	60.3	61.5	57.5
29-08-2018	5:55	60.1	61.5	58.0
29-08-2018	6:00	59.8	61.5	56.5
29-08-2018	6:05	59.6	61.0	56.5
29-08-2018	6:10	59.4	61.0	56.5
29-08-2018	6:15	59.8	61.5	56.5
29-08-2018	6:20	59.0	60.5	55.5
29-08-2018	6:25	59.2	61.0	55.5
29-08-2018	6:30	58.3	60.0	54.5
29-08-2018	6:35	58.0	59.0	54.0
29-08-2018	6:40	57.8	59.0	54.0
29-08-2018	6:45	58.3	59.5	54.5
29-08-2018	6:50	58.2	59.0	54.0
29-08-2018	6:55	57.9	59.0	53.5

Measured Noise Levels (dB(A)) at NM2 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
29-08-2018	23:00	58.8	60.0	55.5
29-08-2018	23:05	58.4	59.5	55.0
29-08-2018	23:10	58.1	59.5	54.5
29-08-2018	23:15	57.7	59.0	53.5
29-08-2018	23:20	57.6	59.0	53.5
29-08-2018	23:25	57.6	59.0	53.5
29-08-2018	23:30	57.5	59.0	53.0
29-08-2018	23:35	57.5	59.0	53.5
29-08-2018	23:40	57.5	59.0	53.0
29-08-2018	23:45	57.5	59.0	53.0
29-08-2018	23:50	57.5	59.0	53.0
29-08-2018	23:55	57.5	59.0	53.0
30-08-2018	0:00	57.5	59.0	53.0
30-08-2018	0:05	57.6	59.0	53.5
30-08-2018	0:10	58.7	61.0	54.0
30-08-2018	0:15	58.5	60.0	53.5
30-08-2018	0:20	57.9	59.0	53.5
30-08-2018	0:25	57.4	58.5	53.0
30-08-2018	0:30	57.3	58.5	52.5
30-08-2018	0:35	57.3	58.5	52.5
30-08-2018	0:40	57.3	58.5	52.5
30-08-2018	0:45	57.2	58.5	52.5
30-08-2018	0:50	57.5	58.5	52.5
30-08-2018	0:55	57.1	58.5	52.0
30-08-2018	1:00	60.7	61.0	53.0
30-08-2018	1:05	57.8	58.5	52.5
30-08-2018	1:10	57.0	58.5	52.0
30-08-2018	1:15	57.0	58.5	52.0
30-08-2018	1:20	57.1	58.5	52.0
30-08-2018	1:25	57.0	58.5	51.5
30-08-2018	1:30	57.0	58.5	52.0
30-08-2018	1:35	57.3	58.5	52.0
30-08-2018	1:40	57.0	58.5	51.5
30-08-2018	1:45	57.1	58.5	52.0
30-08-2018	1:50	57.0	58.5	52.0
30-08-2018	1:55	57.0	58.5	52.0
30-08-2018	2:00	57.0	58.5	52.0
30-08-2018	2:05	57.1	58.5	52.0
30-08-2018	2:10	57.2	58.5	52.0
30-08-2018	2:15	57.9	59.5	53.0
30-08-2018	2:20	56.9	58.5	51.5
30-08-2018	2:25	57.0	58.5	51.5
30-08-2018	2:30	57.0	58.5	52.0
30-08-2018	2:35	57.1	58.5	52.0
30-08-2018	2:40	57.0	58.5	51.5
30-08-2018	2:45	57.0	58.5	52.0
30-08-2018	2:50	57.0	58.5	51.5
30-08-2018	2:55	57.0	58.5	52.0

Measured Noise Levels (dB(A)) at NM2 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
30-08-2018	3:00	57.0	58.5	52.0
30-08-2018	3:05	57.3	58.5	52.0
30-08-2018	3:10	57.3	58.5	52.0
30-08-2018	3:15	57.1	58.5	52.0
30-08-2018	3:20	57.4	58.5	52.5
30-08-2018	3:25	57.2	58.5	52.0
30-08-2018	3:30	57.2	58.5	52.5
30-08-2018	3:35	57.4	58.5	53.0
30-08-2018	3:40	57.3	58.5	52.5
30-08-2018	3:45	57.2	58.5	52.0
30-08-2018	3:50	57.2	58.5	52.0
30-08-2018	3:55	57.5	58.5	52.5
30-08-2018	4:00	58.0	59.0	54.0
30-08-2018	4:05	58.5	59.5	54.5
30-08-2018	4:10	58.5	59.5	54.5
30-08-2018	4:15	58.0	59.5	54.5
30-08-2018	4:20	57.8	59.0	54.0
30-08-2018	4:25	57.8	59.0	54.0
30-08-2018	4:30	58.0	59.0	54.5
30-08-2018	4:35	58.4	59.5	55.0
30-08-2018	4:40	58.8	60.0	55.0
30-08-2018	4:45	58.1	59.5	54.5
30-08-2018	4:50	58.2	59.5	54.5
30-08-2018	4:55	58.1	59.5	54.5
30-08-2018	5:00	58.2	59.5	55.0
30-08-2018	5:05	58.1	59.5	54.5
30-08-2018	5:10	58.6	59.5	55.0
30-08-2018	5:15	58.5	59.5	55.0
30-08-2018	5:20	58.4	59.5	55.0
30-08-2018	5:25	60.0	61.5	57.0
30-08-2018	5:30	60.5	62.0	57.0
30-08-2018	5:35	61.3	62.5	58.0
30-08-2018	5:40	61.0	62.5	58.0
30-08-2018	5:45	60.4	61.5	58.0
30-08-2018	5:50	60.9	62.0	58.5
30-08-2018	5:55	60.6	62.0	58.5
30-08-2018	6:00	60.8	61.5	58.0
30-08-2018	6:05	60.0	61.5	57.0
30-08-2018	6:10	59.9	61.5	56.5
30-08-2018	6:15	59.6	61.5	56.0
30-08-2018	6:20	59.3	61.0	55.5
30-08-2018	6:25	59.2	61.0	55.0
30-08-2018	6:30	58.4	59.5	54.5
30-08-2018	6:35	58.2	59.5	54.5
30-08-2018	6:40	59.0	60.5	54.0
30-08-2018	6:45	57.7	59.0	53.5
30-08-2018	6:50	57.8	59.0	54.0
30-08-2018	6:55	59.4	61.0	55.0



Measured Noise Levels (dB(A)) at NM2 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
30-08-2018	23:00	57.0	58.5	52.0
30-08-2018	23:05	57.0	58.5	52.0
30-08-2018	23:10	57.0	58.5	52.0
30-08-2018	23:15	57.0	58.5	52.0
30-08-2018	23:20	57.5	58.5	52.0
30-08-2018	23:25	57.5	59.0	52.5
30-08-2018	23:30	58.0	60.0	53.0
30-08-2018	23:35	57.4	58.5	52.0
30-08-2018	23:40	57.5	59.0	52.5
30-08-2018	23:45	57.1	58.5	52.0
30-08-2018	23:50	57.4	59.0	52.5
30-08-2018	23:55	57.3	58.5	52.0
31-08-2018	0:00	57.4	59.0	52.5
31-08-2018	0:05	57.8	59.5	52.5
31-08-2018	0:10	57.3	58.5	52.0
31-08-2018	0:15	57.1	58.5	52.0
31-08-2018	0:20	57.3	58.5	52.0
31-08-2018	0:25	58.3	60.0	52.5
31-08-2018	0:30	57.5	59.0	52.5
31-08-2018	0:35	60.6	62.5	55.5
31-08-2018	0:40	57.0	58.5	52.0
31-08-2018	0:45	56.9	58.5	51.5
31-08-2018	0:50	56.8	58.5	51.5
31-08-2018	0:55	56.9	58.5	51.5
31-08-2018	1:00	56.9	58.5	51.5
31-08-2018	1:05	57.3	58.5	52.0
31-08-2018	1:10	57.1	58.5	52.0
31-08-2018	1:15	56.9	58.5	51.5
31-08-2018	1:20	57.5	58.5	52.5
31-08-2018	1:25	57.2	58.5	52.0
31-08-2018	1:30	57.5	58.5	52.0
31-08-2018	1:35	57.2	58.5	52.0
31-08-2018	1:40	57.2	58.5	52.0
31-08-2018	1:45	57.6	59.0	52.5
31-08-2018	1:50	57.3	58.5	52.0
31-08-2018	1:55	57.9	59.0	52.5
31-08-2018	2:00	57.0	58.5	51.5
31-08-2018	2:05	57.2	58.5	52.0
31-08-2018	2:10	57.8	59.0	52.5
31-08-2018	2:15	57.1	58.5	52.0
31-08-2018	2:20	57.1	58.5	52.0
31-08-2018	2:25	57.1	58.5	52.0
31-08-2018	2:30	57.0	58.5	52.0
31-08-2018	2:35	57.4	58.5	52.0
31-08-2018	2:40	57.9	60.0	53.0
31-08-2018	2:45	57.5	59.0	52.5
31-08-2018	2:50	58.0	59.0	53.0
31-08-2018	2:55	57.3	58.5	52.5

Measured Noise Levels (dB(A)) at NM2 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
31-08-2018	3:00	57.1	58.5	52.0
31-08-2018	3:05	57.0	58.5	52.0
31-08-2018	3:10	57.0	58.5	51.5
31-08-2018	3:15	57.0	58.5	52.0
31-08-2018	3:20	57.1	58.5	52.5
31-08-2018	3:25	57.6	58.5	52.5
31-08-2018	3:30	57.9	60.0	52.5
31-08-2018	3:35	58.3	61.0	52.5
31-08-2018	3:40	57.2	58.5	52.0
31-08-2018	3:45	57.0	58.5	51.5
31-08-2018	3:50	57.6	59.0	52.5
31-08-2018	3:55	57.9	59.5	53.0
31-08-2018	4:00	58.3	60.0	53.5
31-08-2018	4:05	60.2	62.0	57.0
31-08-2018	4:10	60.5	62.5	57.5
31-08-2018	4:15	60.4	62.0	57.0
31-08-2018	4:20	60.6	62.5	57.5
31-08-2018	4:25	60.6	62.0	57.5
31-08-2018	4:30	61.0	62.5	58.0
31-08-2018	4:35	61.1	62.5	58.5
31-08-2018	4:40	61.2	63.0	58.5
31-08-2018	4:45	59.8	62.5	54.5
31-08-2018	4:50	57.3	58.5	53.0
31-08-2018	4:55	57.3	58.5	52.5
31-08-2018	5:00	57.8	59.0	53.0
31-08-2018	5:05	58.8	61.5	53.5
31-08-2018	5:10	60.8	63.0	57.0
31-08-2018	5:15	58.8	61.5	53.5
31-08-2018	5:20	57.7	59.0	53.0
31-08-2018	5:25	59.7	61.5	55.5
31-08-2018	5:30	60.8	62.5	58.0
31-08-2018	5:35	62.7	64.5	60.0
31-08-2018	5:40	64.2	68.0	58.5
31-08-2018	5:45	62.7	64.5	59.5
31-08-2018	5:50	62.3	65.0	56.0
31-08-2018	5:55	57.9	59.0	53.5
31-08-2018	6:00	57.5	59.0	53.5
31-08-2018	6:05	57.7	59.0	53.5
31-08-2018	6:10	58.1	59.5	53.5
31-08-2018	6:15	59.3	61.5	53.5
31-08-2018	6:20	59.9	63.0	53.5
31-08-2018	6:25	58.3	59.5	53.0
31-08-2018	6:30	57.2	58.5	52.5
31-08-2018	6:35	57.3	58.5	52.5
31-08-2018	6:40	57.2	58.5	52.5
31-08-2018	6:45	57.1	58.5	52.5
31-08-2018	6:50	57.2	58.5	52.5
31-08-2018	6:55	57.1	58.5	52.0

Measured Noise Levels (dB(A)) at NM2 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
31-08-2018	23:00	57.7	59.5	52.5
31-08-2018	23:05	57.2	58.5	52.0
31-08-2018	23:10	57.0	58.5	51.5
31-08-2018	23:15	57.0	58.5	51.5
31-08-2018	23:20	57.1	58.5	52.0
31-08-2018	23:25	60.0	63.0	54.5
31-08-2018	23:30	61.1	64.0	56.5
31-08-2018	23:35	61.1	64.0	56.5
31-08-2018	23:40	58.3	60.0	52.5
31-08-2018	23:45	57.7	58.5	52.0
31-08-2018	23:50	58.2	60.0	52.5
31-08-2018	23:55	59.8	63.5	53.0
01-09-2018	0:00	61.3	65.0	55.5
01-09-2018	0:05	61.4	65.0	55.5
01-09-2018	0:10	62.1	65.0	57.0
01-09-2018	0:15	61.1	64.5	55.0
01-09-2018	0:20	58.4	60.0	52.5
01-09-2018	0:25	57.1	58.5	52.0
01-09-2018	0:30	57.4	58.5	52.5
01-09-2018	0:35	57.2	58.5	52.0
01-09-2018	0:40	57.1	58.5	52.0
01-09-2018	0:45	57.0	58.5	52.0
01-09-2018	0:50	57.2	58.5	52.0
01-09-2018	0:55	57.0	58.5	51.5
01-09-2018	1:00	57.0	58.5	52.0
01-09-2018	1:05	57.1	58.5	52.0
01-09-2018	1:10	57.3	58.5	52.5
01-09-2018	1:15	57.7	59.0	52.5
01-09-2018	1:20	57.2	58.5	52.0
01-09-2018	1:25	57.2	58.5	52.5
01-09-2018	1:30	57.4	58.5	52.5
01-09-2018	1:35	57.2	58.5	52.0
01-09-2018	1:40	57.1	58.5	52.0
01-09-2018	1:45	57.0	58.5	52.0
01-09-2018	1:50	57.0	58.5	51.5
01-09-2018	1:55	57.1	58.5	52.0
01-09-2018	2:00	57.2	58.5	52.5
01-09-2018	2:05	57.1	58.5	52.0
01-09-2018	2:10	57.0	58.5	52.0
01-09-2018	2:15	57.0	58.5	51.5
01-09-2018	2:20	57.0	58.5	51.5
01-09-2018	2:25	57.1	58.5	52.0
01-09-2018	2:30	57.0	58.5	51.5
01-09-2018	2:35	57.1	58.5	52.0
01-09-2018	2:40	57.0	58.5	51.5
01-09-2018	2:45	57.0	58.5	51.5
01-09-2018	2:50	57.2	58.5	52.5
01-09-2018	2:55	57.1	58.5	52.0

Annex B3 - 181

Measured Noise Levels (dB(A)) at NM2 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
01-09-2018	3:00	57.2	58.5	52.0
01-09-2018	3:05	57.2	58.5	52.0
01-09-2018	3:10	57.2	58.5	52.0
01-09-2018	3:15	57.3	58.5	52.0
01-09-2018	3:20	57.2	58.5	52.0
01-09-2018	3:25	57.2	58.5	52.0
01-09-2018	3:30	57.7	59.0	53.0
01-09-2018	3:35	59.3	61.5	55.0
01-09-2018	3:40	57.7	59.0	53.0
01-09-2018	3:45	58.2	59.5	54.5
01-09-2018	3:50	58.4	59.5	55.0
01-09-2018	3:55	58.3	59.5	54.5
01-09-2018	4:00	58.2	59.5	54.5
01-09-2018	4:05	58.1	59.5	54.5
01-09-2018	4:10	58.5	60.0	55.0
01-09-2018	4:15	58.7	60.0	55.5
01-09-2018	4:20	58.7	60.0	55.5
01-09-2018	4:25	58.8	60.0	55.5
01-09-2018	4:30	59.0	60.5	56.0
01-09-2018	4:35	58.9	60.5	56.0
01-09-2018	4:40	58.7	60.0	55.5
01-09-2018	4:45	58.9	60.5	56.0
01-09-2018	4:50	58.9	60.5	56.0
01-09-2018	4:55	59.0	60.5	56.0
01-09-2018	5:00	58.9	60.5	56.0
01-09-2018	5:05	58.9	60.5	56.0
01-09-2018	5:10	59.1	60.5	56.5
01-09-2018	5:15	59.2	60.5	56.5
01-09-2018	5:20	58.7	60.0	55.5
01-09-2018	5:25	58.7	60.0	55.5
01-09-2018	5:30	58.9	60.0	56.0
01-09-2018	5:35	59.0	60.0	56.5
01-09-2018	5:40	60.8	62.5	58.0
01-09-2018	5:45	60.0	62.5	56.0
01-09-2018	5:50	57.7	59.0	53.0
01-09-2018	5:55	59.6	62.0	54.5
01-09-2018	6:00	59.2	61.5	54.0
01-09-2018	6:05	57.1	58.5	52.0
01-09-2018	6:10	57.1	58.5	52.0
01-09-2018	6:15	59.7	63.0	53.5
01-09-2018	6:20	57.1	58.5	52.0
01-09-2018	6:25	57.2	58.5	52.0
01-09-2018	6:30	57.0	58.5	51.5
01-09-2018	6:35	57.1	58.5	52.0
01-09-2018	6:40	57.2	58.5	52.5
01-09-2018	6:45	58.7	59.0	52.5
01-09-2018	6:50	60.6	61.5	54.0
01-09-2018	6:55	60.6	61.5	54.5

Annex B3 - 182

Measured Noise Levels (dB(A)) at NM2 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
01-09-2018	23:00	57.5	59.0	53.5
01-09-2018	23:05	57.5	59.0	53.5
01-09-2018	23:10	57.6	59.0	53.5
01-09-2018	23:15	57.6	59.0	53.5
01-09-2018	23:20	57.5	59.0	53.5
01-09-2018	23:25	57.8	59.0	54.0
01-09-2018	23:30	57.8	59.0	54.0
01-09-2018	23:35	57.7	59.0	54.0
01-09-2018	23:40	57.7	59.0	54.0
01-09-2018	23:45	58.0	59.5	54.0
01-09-2018	23:50	57.6	59.0	53.5
01-09-2018	23:55	57.5	58.5	53.5
03-09-2018	23:00	58.7	61.0	53.5
03-09-2018	23:05	57.4	59.0	53.0
03-09-2018	23:10	56.9	58.0	52.5
03-09-2018	23:15	57.1	58.5	52.5
03-09-2018	23:20	57.4	58.5	53.0
03-09-2018	23:25	57.0	58.0	52.5
03-09-2018	23:30	58.1	60.0	53.0
03-09-2018	23:35	57.0	58.5	52.5
03-09-2018	23:40	56.8	58.0	52.0
03-09-2018	23:45	57.0	58.0	52.0
03-09-2018	23:50	57.6	59.0	52.5
03-09-2018	23:55	57.5	59.0	52.5
04-09-2018	0:00	56.8	58.0	52.0
04-09-2018	0:05	57.0	58.0	52.0
04-09-2018	0:10	56.9	58.0	52.0
04-09-2018	0:15	56.9	58.0	52.0
04-09-2018	0:20	57.7	59.0	53.0
04-09-2018	0:25	56.8	58.0	52.0
04-09-2018	0:30	57.7	59.5	53.0
04-09-2018	0:35	57.6	59.0	52.5
04-09-2018	0:40	57.9	59.5	53.5
04-09-2018	0:45	56.9	58.0	52.0
04-09-2018	0:50	58.1	59.5	53.0
04-09-2018	0:55	58.9	61.5	53.5
04-09-2018	1:00	57.5	59.0	52.5
04-09-2018	1:05	57.0	58.5	52.0
04-09-2018	1:10	57.5	59.0	52.0
04-09-2018	1:15	57.3	58.5	52.5
04-09-2018	1:20	56.8	58.0	52.0
04-09-2018	1:25	56.8	58.0	52.0
04-09-2018	1:30	57.3	58.5	52.5
04-09-2018	1:35	57.6	59.5	52.5
04-09-2018	1:40	56.6	58.0	51.5
04-09-2018	1:45	58.9	62.0	52.5
04-09-2018	1:50	56.6	58.0	51.5
04-09-2018	1:55	56.7	58.0	51.5

Measured Noise Levels (dB(A)) at NM2 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
04-09-2018	2:00	56.7	58.0	51.5
04-09-2018	2:05	56.7	58.0	52.0
04-09-2018	2:10	56.6	58.0	51.5
04-09-2018	2:15	56.7	58.0	51.5
04-09-2018	2:20	56.7	58.0	52.0
04-09-2018	2:25	56.7	58.0	51.5
04-09-2018	2:30	57.2	58.5	52.0
04-09-2018	2:35	56.8	58.0	52.0
04-09-2018	2:40	56.6	58.0	51.5
04-09-2018	2:45	56.7	58.0	52.0
04-09-2018	2:50	57.4	59.0	52.5
04-09-2018	2:55	57.6	59.5	52.5
04-09-2018	3:00	57.6	60.0	52.5
04-09-2018	3:05	57.7	60.0	52.5
04-09-2018	3:10	57.7	60.0	52.5
04-09-2018	3:15	57.3	58.5	52.5
04-09-2018	3:20	57.1	58.5	52.5
04-09-2018	3:25	56.9	58.0	52.5
04-09-2018	3:30	57.4	59.0	52.5
04-09-2018	3:35	57.2	58.5	52.5
04-09-2018	3:40	57.1	58.5	52.5
04-09-2018	3:45	57.4	59.0	53.0
04-09-2018	3:50	57.3	58.5	52.5
04-09-2018	3:55	58.5	60.0	53.0
04-09-2018	4:00	57.0	58.0	52.5
04-09-2018	4:05	56.9	58.0	52.5
04-09-2018	4:10	57.3	59.0	53.0
04-09-2018	4:15	57.1	58.5	52.5
04-09-2018	4:20	56.6	58.0	52.0
04-09-2018	4:25	56.9	58.0	52.5
04-09-2018	4:30	59.1	61.5	53.5
04-09-2018	4:35	56.9	58.0	52.5
04-09-2018	4:40	56.7	58.0	52.5
04-09-2018	4:45	56.7	58.0	52.5
04-09-2018	4:50	56.8	58.0	52.5
04-09-2018	4:55	57.9	58.5	52.5
04-09-2018	5:00	57.0	58.0	53.0
04-09-2018	5:05	56.7	58.0	52.0
04-09-2018	5:10	56.8	58.0	52.5
04-09-2018	5:15	56.9	58.0	52.5
04-09-2018	5:20	56.8	58.0	52.5
04-09-2018	5:25	57.2	58.0	52.5
04-09-2018	5:30	56.8	58.0	52.5
04-09-2018	5:35	56.7	58.0	52.5
04-09-2018	5:40	57.6	58.5	52.5
04-09-2018	5:45	58.9	61.5	53.5
04-09-2018	5:50	57.2	58.5	53.0
04-09-2018	5:55	57.0	58.0	53.0

Measured Noise Levels (dB(A)) at NM2 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
04-09-2018	6:00	56.8	58.0	52.5
04-09-2018	6:05	57.0	58.0	52.5
04-09-2018	6:10	56.8	58.0	52.5
04-09-2018	6:15	56.7	58.0	52.0
04-09-2018	6:20	57.5	59.0	52.5
04-09-2018	6:25	58.2	60.5	52.5
04-09-2018	6:30	58.0	60.0	52.5
04-09-2018	6:35	57.2	58.5	52.5
04-09-2018	6:40	56.8	58.0	52.0
04-09-2018	6:45	57.1	58.0	52.5
04-09-2018	6:50	57.2	58.5	52.5
04-09-2018	6:55	56.7	58.0	52.0
04-09-2018	23:00	57.3	59.0	53.0
04-09-2018	23:05	57.4	59.0	53.0
04-09-2018	23:10	57.7	59.5	53.5
04-09-2018	23:15	57.1	58.5	52.5
04-09-2018	23:20	56.8	58.0	52.0
04-09-2018	23:25	56.8	58.0	52.5
04-09-2018	23:30	57.1	58.5	53.0
04-09-2018	23:35	57.7	59.0	53.5
04-09-2018	23:40	56.9	58.0	52.5
04-09-2018	23:45	58.0	59.5	52.5
04-09-2018	23:50	56.9	58.0	52.5
04-09-2018	23:55	56.7	58.0	52.0
05-09-2018	0:00	56.6	58.0	51.5
05-09-2018	0:05	56.7	58.0	52.0
05-09-2018	0:10	57.5	59.5	52.5
05-09-2018	0:15	58.2	60.0	52.5
05-09-2018	0:20	56.6	58.0	51.5
05-09-2018	0:25	56.6	58.0	51.5
05-09-2018	0:30	57.2	58.5	52.5
05-09-2018	0:35	56.7	58.0	52.0
05-09-2018	0:40	57.4	58.5	52.0
05-09-2018	0:45	57.5	58.5	52.5
05-09-2018	0:50	57.1	58.5	52.5
05-09-2018	0:55	58.5	61.0	53.0
05-09-2018	1:00	57.4	59.0	52.5
05-09-2018	1:05	57.1	58.5	52.5
05-09-2018	1:10	57.3	58.5	52.5
05-09-2018	1:15	57.8	58.5	52.5
05-09-2018	1:20	57.1	58.0	52.0
05-09-2018	1:25	56.6	58.0	51.5
05-09-2018	1:30	56.6	58.0	52.0
05-09-2018	1:35	56.7	58.0	52.0
05-09-2018	1:40	56.7	58.0	52.0
05-09-2018	1:45	56.8	58.0	52.0
05-09-2018	1:50	56.7	58.0	52.0
05-09-2018	1:55	56.7	58.0	52.0

Measured Noise Levels (dB(A)) at NM2 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
05-09-2018	2:00	56.8	58.0	52.0
05-09-2018	2:05	57.9	59.5	52.5
05-09-2018	2:10	56.7	58.0	52.0
05-09-2018	2:15	56.9	58.0	52.0
05-09-2018	2:20	58.0	59.5	53.0
05-09-2018	2:25	57.0	58.0	52.0
05-09-2018	2:30	57.0	58.0	52.5
05-09-2018	2:35	57.1	58.5	52.5
05-09-2018	2:40	56.9	58.0	52.5
05-09-2018	2:45	57.1	58.5	52.5
05-09-2018	2:50	56.9	58.0	52.5
05-09-2018	2:55	56.8	58.0	52.5
05-09-2018	3:00	57.3	58.5	52.5
05-09-2018	3:05	56.8	58.0	52.0
05-09-2018	3:10	56.9	58.0	52.5
05-09-2018	3:15	56.8	58.0	52.0
05-09-2018	3:20	56.8	58.0	52.0
05-09-2018	3:25	56.9	58.0	52.0
05-09-2018	3:30	57.3	58.5	52.5
05-09-2018	3:35	56.9	58.0	52.0
05-09-2018	3:40	57.7	59.5	53.0
05-09-2018	3:45	56.9	58.0	52.5
05-09-2018	3:50	57.6	59.0	53.0
05-09-2018	3:55	57.5	59.0	53.0
05-09-2018	4:00	58.3	60.5	53.5
05-09-2018	4:05	58.1	59.0	53.0
05-09-2018	4:10	57.9	59.5	53.0
05-09-2018	4:15	57.1	58.5	53.0
05-09-2018	4:20	57.4	58.5	53.5
05-09-2018	4:25	57.6	59.0	53.5
05-09-2018	4:30	58.0	59.5	53.5
05-09-2018	4:35	57.2	58.5	53.0
05-09-2018	4:40	57.8	59.0	53.5
05-09-2018	4:45	57.7	58.5	53.5
05-09-2018	4:50	57.3	58.5	53.5
05-09-2018	4:55	57.1	58.5	53.0
05-09-2018	5:00	57.6	59.0	53.5
05-09-2018	5:05	57.0	58.5	52.5
05-09-2018	5:10	57.3	58.5	53.0
05-09-2018	5:15	57.7	59.0	53.5
05-09-2018	5:20	58.0	59.5	53.5
05-09-2018	5:25	58.7	61.0	54.0
05-09-2018	5:30	57.7	58.5	53.5
05-09-2018	5:35	58.3	59.5	53.5
05-09-2018	5:40	57.6	58.5	53.5
05-09-2018	5:45	57.5	58.5	53.5
05-09-2018	5:50	57.6	59.0	53.5
05-09-2018	5:55	58.1	60.0	54.0

Measured Noise Levels (dB(A)) at NM2 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
05-09-2018	6:00	58.6	60.5	53.0
05-09-2018	6:05	57.0	58.5	52.5
05-09-2018	6:10	57.0	58.5	52.5
05-09-2018	6:15	57.9	59.5	54.0
05-09-2018	6:20	57.5	58.5	53.0
05-09-2018	6:25	57.0	58.5	52.5
05-09-2018	6:30	58.2	60.0	53.5
05-09-2018	6:35	58.1	60.0	53.5
05-09-2018	6:40	58.2	60.0	54.0
05-09-2018	6:45	57.5	59.0	53.5
05-09-2018	6:50	57.0	58.5	52.5
05-09-2018	6:55	57.2	58.5	53.0
05-09-2018	23:00	57.2	58.5	52.0
05-09-2018	23:05	57.2	58.5	52.0
05-09-2018	23:10	57.1	58.5	52.0
05-09-2018	23:15	57.5	59.0	52.5
05-09-2018	23:20	57.7	59.0	53.0
05-09-2018	23:25	57.7	59.0	52.5
05-09-2018	23:30	57.7	59.0	52.5
05-09-2018	23:35	58.0	59.5	53.5
05-09-2018	23:40	57.8	59.5	53.0
05-09-2018	23:45	57.8	59.5	53.0
05-09-2018	23:50	57.4	59.0	52.5
05-09-2018	23:55	57.4	58.5	52.5
06-09-2018	0:00	57.4	58.5	52.5
06-09-2018	0:05	57.2	58.5	52.0
06-09-2018	0:10	57.2	58.5	52.0
06-09-2018	0:15	57.0	58.5	52.0
06-09-2018	0:20	57.2	58.5	52.0
06-09-2018	0:25	57.1	58.5	52.0
06-09-2018	0:30	57.0	58.5	52.0
06-09-2018	0:35	57.0	58.5	52.0
06-09-2018	0:40	57.1	58.5	52.0
06-09-2018	0:45	57.1	58.5	52.0
06-09-2018	0:50	57.3	58.5	52.0
06-09-2018	0:55	57.1	58.5	52.0
06-09-2018	1:00	57.2	58.5	52.5
06-09-2018	1:05	57.3	58.5	52.0
06-09-2018	1:10	57.3	58.5	52.5
06-09-2018	1:15	57.2	58.5	52.0
06-09-2018	1:20	57.2	58.5	52.0
06-09-2018	1:25	57.3	58.5	52.0
06-09-2018	1:30	57.1	58.5	52.0
06-09-2018	1:35	57.1	58.5	52.0
06-09-2018	1:40	57.1	58.5	52.0
06-09-2018	1:45	57.0	58.5	52.0
06-09-2018	1:50	57.0	58.5	52.0
06-09-2018	1:55	57.0	58.5	52.0

Measured Noise Levels (dB(A)) at NM2 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
06-09-2018	2:00	57.1	58.5	52.0
06-09-2018	2:05	57.0	58.5	52.0
06-09-2018	2:10	57.1	58.5	52.0
06-09-2018	2:15	57.2	58.5	52.0
06-09-2018	2:20	57.2	58.5	52.0
06-09-2018	2:25	57.4	58.5	52.5
06-09-2018	2:30	57.2	58.5	52.0
06-09-2018	2:35	57.0	58.5	51.5
06-09-2018	2:40	57.3	58.5	52.0
06-09-2018	2:45	57.3	58.5	52.0
06-09-2018	2:50	57.3	58.5	52.0
06-09-2018	2:55	57.2	58.5	52.0
06-09-2018	3:00	57.3	58.5	52.0
06-09-2018	3:05	57.3	58.5	52.0
06-09-2018	3:10	57.3	58.5	52.0
06-09-2018	3:15	57.9	59.0	52.0
06-09-2018	3:20	58.2	60.0	52.5
06-09-2018	3:25	58.4	61.0	52.5
06-09-2018	3:30	57.5	58.5	52.0
06-09-2018	3:35	57.1	58.5	52.0
06-09-2018	3:40	57.1	58.5	52.0
06-09-2018	3:45	57.4	58.5	52.5
06-09-2018	3:50	57.4	58.5	52.5
06-09-2018	3:55	57.3	58.5	52.5
06-09-2018	4:00	57.3	58.5	52.5
06-09-2018	4:05	57.2	58.5	52.5
06-09-2018	4:10	57.2	58.5	52.5
06-09-2018	4:15	57.3	58.5	52.5
06-09-2018	4:20	57.5	58.5	52.5
06-09-2018	4:25	57.2	58.5	52.5
06-09-2018	4:30	57.1	58.5	52.0
06-09-2018	4:35	57.1	58.5	52.0
06-09-2018	4:40	57.3	58.5	52.5
06-09-2018	4:45	57.8	59.0	53.0
06-09-2018	4:50	57.3	58.5	52.5
06-09-2018	4:55	57.2	58.5	52.5
06-09-2018	5:00	57.3	58.5	52.5
06-09-2018	5:05	57.3	58.5	52.5
06-09-2018	5:10	57.2	58.5	52.5
06-09-2018	5:15	57.3	58.5	52.5
06-09-2018	5:20	57.3	58.5	52.5
06-09-2018	5:25	57.3	58.5	52.5
06-09-2018	5:30	57.8	59.0	53.0
06-09-2018	5:35	57.3	58.5	52.5
06-09-2018	5:40	57.3	58.5	52.5
06-09-2018	5:45	57.3	58.5	52.5
06-09-2018	5:50	57.3	58.5	52.5
06-09-2018	5:55	57.3	58.5	52.5

Measured Noise Levels (dB(A)) at NM2 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
06-09-2018	6:00	57.3	58.5	52.5
06-09-2018	6:05	57.3	58.5	52.5
06-09-2018	6:10	57.3	58.5	52.5
06-09-2018	6:15	57.2	58.5	52.5
06-09-2018	6:20	57.3	58.5	52.5
06-09-2018	6:25	57.3	58.5	52.5
06-09-2018	6:30	64.5	58.5	52.5
06-09-2018	6:35	59.1	58.5	52.5
06-09-2018	6:40	65.5	59.5	53.0
06-09-2018	6:45	57.2	58.5	52.0
06-09-2018	6:50	57.1	58.5	52.0
06-09-2018	6:55	57.2	58.5	52.5
06-09-2018	23:00	57.1	58.5	52.0
06-09-2018	23:05	57.0	58.5	52.0
06-09-2018	23:10	57.1	58.5	52.0
06-09-2018	23:15	57.0	58.5	52.0
06-09-2018	23:20	57.0	58.5	52.0
06-09-2018	23:25	57.0	58.5	52.0
06-09-2018	23:30	57.0	58.5	51.5
06-09-2018	23:35	57.0	58.5	51.5
06-09-2018	23:40	57.1	58.5	52.0
06-09-2018	23:45	57.0	58.5	51.5
06-09-2018	23:50	57.1	58.5	52.0
06-09-2018	23:55	57.1	58.5	52.0
07-09-2018	0:00	57.0	58.5	52.0
07-09-2018	0:05	57.0	58.5	52.0
07-09-2018	0:10	57.0	58.5	52.0
07-09-2018	0:15	57.0	58.5	52.0
07-09-2018	0:20	57.0	58.5	52.0
07-09-2018	0:25	57.0	58.5	51.5
07-09-2018	0:30	57.0	58.5	52.0
07-09-2018	0:35	57.0	58.5	52.0
07-09-2018	0:40	56.9	58.5	51.5
07-09-2018	0:45	56.9	58.5	51.5
07-09-2018	0:50	57.1	58.5	52.0
07-09-2018	0:55	57.2	58.5	52.5
07-09-2018	1:00	57.0	58.5	52.0
07-09-2018	1:05	57.2	58.5	52.5
07-09-2018	1:10	57.1	58.5	52.0
07-09-2018	1:15	57.0	58.5	51.5
07-09-2018	1:20	57.0	58.5	52.0
07-09-2018	1:25	57.0	58.5	52.0
07-09-2018	1:30	57.1	58.5	52.0
07-09-2018	1:35	57.0	58.5	52.0
07-09-2018	1:40	56.9	58.5	51.5
07-09-2018	1:45	57.0	58.5	52.0
07-09-2018	1:50	57.0	58.5	51.5
07-09-2018	1:55	57.0	58.5	52.0

Measured Noise Levels (dB(A)) at NM2 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
07-09-2018	2:00	56.9	58.5	51.5
07-09-2018	2:05	57.1	58.5	52.0
07-09-2018	2:10	57.2	58.5	52.5
07-09-2018	2:15	57.0	58.5	52.0
07-09-2018	2:20	57.0	58.5	52.0
07-09-2018	2:25	56.9	58.5	51.5
07-09-2018	2:30	56.9	58.5	51.5
07-09-2018	2:35	56.9	58.5	51.5
07-09-2018	2:40	56.9	58.5	51.5
07-09-2018	2:45	56.9	58.5	51.5
07-09-2018	2:50	57.0	58.5	52.0
07-09-2018	2:55	57.0	58.5	52.0
07-09-2018	3:00	57.0	58.5	52.0
07-09-2018	3:05	57.0	58.5	52.0
07-09-2018	3:10	57.0	58.5	52.0
07-09-2018	3:15	56.9	58.5	51.5
07-09-2018	3:20	57.0	58.5	52.0
07-09-2018	3:25	57.0	58.5	52.0
07-09-2018	3:30	57.0	58.5	52.0
07-09-2018	3:35	57.0	58.5	52.0
07-09-2018	3:40	57.0	58.5	52.0
07-09-2018	3:45	57.2	58.5	52.0
07-09-2018	3:50	56.9	58.5	51.5
07-09-2018	3:55	56.9	58.5	51.5
07-09-2018	4:00	57.0	58.5	52.0
07-09-2018	4:05	57.0	58.5	52.0
07-09-2018	4:10	57.0	58.5	52.0
07-09-2018	4:15	57.2	58.5	52.5
07-09-2018	4:20	57.2	58.5	52.5
07-09-2018	4:25	57.5	59.0	53.0
07-09-2018	4:30	57.7	59.0	53.5
07-09-2018	4:35	57.8	59.0	53.5
07-09-2018	4:40	57.6	59.0	53.5
07-09-2018	4:45	57.5	59.0	53.5
07-09-2018	4:50	57.4	58.5	53.0
07-09-2018	4:55	57.3	58.5	52.5
07-09-2018	5:00	57.4	58.5	53.0
07-09-2018	5:05	57.5	59.0	53.5
07-09-2018	5:10	57.6	59.0	53.5
07-09-2018	5:15	57.9	59.5	53.5
07-09-2018	5:20	57.3	58.5	53.0
07-09-2018	5:25	57.7	59.0	53.0
07-09-2018	5:30	58.1	60.0	53.5
07-09-2018	5:35	60.4	62.5	57.5
07-09-2018	5:40	61.2	63.0	58.5
07-09-2018	5:45	62.8	64.5	60.0
07-09-2018	5:50	63.0	64.5	60.5
07-09-2018	5:55	61.7	63.5	59.5

Measured Noise Levels (dB(A)) at NM2 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
07-09-2018	6:00	61.9	64.5	58.0
07-09-2018	6:05	63.1	65.5	58.0
07-09-2018	6:10	63.1	65.5	59.0
07-09-2018	6:15	61.6	64.0	57.5
07-09-2018	6:20	62.7	65.0	59.0
07-09-2018	6:25	62.8	65.0	58.5
07-09-2018	6:30	62.3	65.0	58.0
07-09-2018	6:35	61.3	64.0	56.5
07-09-2018	6:40	59.9	62.5	55.0
07-09-2018	6:45	59.8	62.0	56.0
07-09-2018	6:50	59.5	61.5	55.5
07-09-2018	6:55	60.1	62.0	57.0
07-09-2018	23:00	57.1	58.5	52.0
07-09-2018	23:05	57.1	58.5	52.0
07-09-2018	23:10	57.3	58.5	52.0
07-09-2018	23:15	57.4	58.5	52.5
07-09-2018	23:20	57.1	58.5	52.0
07-09-2018	23:25	57.1	58.5	52.0
07-09-2018	23:30	57.3	58.5	52.5
07-09-2018	23:35	57.2	58.5	52.5
07-09-2018	23:40	57.6	59.0	53.0
07-09-2018	23:45	58.1	59.0	52.5
07-09-2018	23:50	58.3	59.5	52.5
07-09-2018	23:55	57.1	58.5	52.0
08-09-2018	0:00	57.4	58.5	53.0
08-09-2018	0:05	57.2	58.5	52.5
08-09-2018	0:10	57.0	58.5	52.0
08-09-2018	0:15	57.1	58.5	52.0
08-09-2018	0:20	57.1	58.5	52.5
08-09-2018	0:25	57.1	58.5	52.0
08-09-2018	0:30	59.8	63.0	53.5
08-09-2018	0:35	59.0	62.0	53.5
08-09-2018	0:40	57.1	58.5	52.5
08-09-2018	0:45	57.0	58.5	52.0
08-09-2018	0:50	57.1	58.5	52.0
08-09-2018	0:55	57.1	58.5	52.0
08-09-2018	1:00	57.3	58.5	52.5
08-09-2018	1:05	57.2	58.5	52.5
08-09-2018	1:10	57.1	58.5	52.0
08-09-2018	1:15	57.1	58.5	52.0
08-09-2018	1:20	57.3	58.5	52.5
08-09-2018	1:25	57.4	58.5	52.5
08-09-2018	1:30	57.6	59.0	53.0
08-09-2018	1:35	57.2	58.5	52.5
08-09-2018	1:40	57.4	58.5	53.0
08-09-2018	1:45	60.6	63.0	56.0
08-09-2018	1:50	60.4	62.5	57.0
08-09-2018	1:55	59.8	62.5	55.0

Annex B3 - 191

Measured Noise Levels (dB(A)) at NM2 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
08-09-2018	2:00	57.7	59.0	52.5
08-09-2018	2:05	57.7	59.0	53.0
08-09-2018	2:10	57.0	58.5	52.0
08-09-2018	2:15	57.5	59.0	52.0
08-09-2018	2:20	58.9	61.0	54.5
08-09-2018	2:25	57.0	58.5	52.0
08-09-2018	2:30	57.3	58.5	52.5
08-09-2018	2:35	57.2	58.5	52.5
08-09-2018	2:40	57.3	58.5	53.0
08-09-2018	2:45	57.2	58.5	52.5
08-09-2018	2:50	57.1	58.5	52.5
08-09-2018	2:55	57.2	58.5	52.5
08-09-2018	3:00	57.1	58.5	52.5
08-09-2018	3:05	57.1	58.5	52.0
08-09-2018	3:10	57.0	58.5	52.0
08-09-2018	3:15	57.0	58.5	52.0
08-09-2018	3:20	56.9	58.5	52.0
08-09-2018	3:25	57.0	58.5	52.0
08-09-2018	3:30	57.0	58.5	52.0
08-09-2018	3:35	57.1	58.5	52.0
08-09-2018	3:40	57.0	58.5	52.0
08-09-2018	3:45	57.1	58.5	52.5
08-09-2018	3:50	57.1	58.5	52.5
08-09-2018	3:55	57.0	58.5	52.0
08-09-2018	4:00	57.0	58.5	52.0
08-09-2018	4:05	57.0	58.5	52.0
08-09-2018	4:10	56.9	58.5	52.0
08-09-2018	4:15	57.1	58.5	52.5
08-09-2018	4:20	57.1	58.5	52.5
08-09-2018	4:25	57.1	58.5	52.5
08-09-2018	4:30	57.1	58.5	52.5
08-09-2018	4:35	59.4	62.5	53.0
08-09-2018	4:40	60.6	64.5	54.0
08-09-2018	4:45	57.2	58.5	52.5
08-09-2018	4:50	57.4	58.5	53.0
08-09-2018	4:55	59.2	62.0	54.0
08-09-2018	5:00	60.8	63.0	57.0
08-09-2018	5:05	60.0	63.0	55.0
08-09-2018	5:10	60.6	63.5	56.0
08-09-2018	5:15	61.1	64.0	56.5
08-09-2018	5:20	61.4	64.0	57.0
08-09-2018	5:25	61.4	64.0	57.0
08-09-2018	5:30	60.4	63.5	54.5
08-09-2018	5:35	62.2	66.0	56.0
08-09-2018	5:40	64.6	67.5	58.5
08-09-2018	5:45	65.0	67.5	60.5
08-09-2018	5:50	62.6	65.5	56.5
08-09-2018	5:55	61.8	65.0	55.5

Annex B3 - 192

Measured Noise Levels (dB(A)) at NM2 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
08-09-2018	6:00	57.6	58.5	53.0
08-09-2018	6:05	57.3	58.5	52.5
08-09-2018	6:10	58.7	61.0	53.0
08-09-2018	6:15	57.4	58.5	52.5
08-09-2018	6:20	57.0	58.5	52.0
08-09-2018	6:25	57.0	58.5	52.0
08-09-2018	6:30	62.8	65.5	53.0
08-09-2018	6:35	61.5	59.5	53.0
08-09-2018	6:40	57.1	58.5	52.0
08-09-2018	6:45	57.3	58.5	52.5
08-09-2018	6:50	57.1	58.5	52.5
08-09-2018	6:55	57.5	59.0	53.5
08-09-2018	23:00	57.1	58.5	52.0
08-09-2018	23:05	57.2	58.5	52.0
08-09-2018	23:10	57.1	58.5	52.0
08-09-2018	23:15	57.1	58.5	52.0
08-09-2018	23:20	57.1	58.5	52.0
08-09-2018	23:25	57.2	58.5	52.5
08-09-2018	23:30	57.2	58.5	52.5
08-09-2018	23:35	57.2	58.5	52.5
08-09-2018	23:40	57.1	58.5	52.0
08-09-2018	23:45	57.2	58.5	52.5
08-09-2018	23:50	57.2	58.5	52.5
08-09-2018	23:55	57.1	58.5	52.0
09-09-2018	0:00	57.1	58.5	52.0
09-09-2018	0:05	57.1	58.5	52.0
09-09-2018	0:10	57.1	58.5	52.0
09-09-2018	0:15	57.1	58.5	52.0
09-09-2018	0:20	57.4	58.5	52.5
09-09-2018	0:25	57.1	58.5	52.0
09-09-2018	0:30	57.0	58.5	52.0
09-09-2018	0:35	57.1	58.5	52.0
09-09-2018	0:40	57.1	58.5	52.0
09-09-2018	0:45	57.0	58.5	52.0
09-09-2018	0:50	56.9	58.5	51.5
09-09-2018	0:55	57.0	58.5	52.0
09-09-2018	1:00	57.2	58.5	52.0
09-09-2018	1:05	57.4	59.0	52.5
09-09-2018	1:10	57.0	58.5	52.0
09-09-2018	1:15	57.1	58.5	52.0
09-09-2018	1:20	57.1	58.5	52.0
09-09-2018	1:25	57.0	58.5	52.0
09-09-2018	1:30	57.1	58.5	52.0
09-09-2018	1:35	56.9	58.5	51.5
09-09-2018	1:40	57.0	58.5	52.0
09-09-2018	1:45	56.9	58.5	51.5
09-09-2018	1:50	56.9	58.5	51.5
09-09-2018	1:55	56.9	58.5	51.5

Measured Noise Levels (dB(A)) at NM2 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
09-09-2018	2:00	57.0	58.5	51.5
09-09-2018	2:05	57.1	58.5	52.0
09-09-2018	2:10	56.9	58.5	51.5
09-09-2018	2:15	57.0	58.5	52.0
09-09-2018	2:20	57.0	58.5	52.0
09-09-2018	2:25	57.0	58.5	52.0
09-09-2018	2:30	56.9	58.5	51.5
09-09-2018	2:35	56.9	58.5	51.5
09-09-2018	2:40	57.0	58.5	52.0
09-09-2018	2:45	56.9	58.5	51.5
09-09-2018	2:50	56.9	58.5	51.5
09-09-2018	2:55	56.9	58.5	51.5
09-09-2018	3:00	57.0	58.5	52.0
09-09-2018	3:05	57.1	58.5	52.5
09-09-2018	3:10	57.2	58.5	52.5
09-09-2018	3:15	57.3	58.5	52.5
09-09-2018	3:20	57.3	58.5	52.5
09-09-2018	3:25	57.3	58.5	52.5
09-09-2018	3:30	57.4	58.5	53.0
09-09-2018	3:35	57.5	59.0	53.5
09-09-2018	3:40	57.5	59.0	53.5
09-09-2018	3:45	57.4	58.5	53.0
09-09-2018	3:50	57.7	59.0	53.5
09-09-2018	3:55	57.5	58.5	53.0
09-09-2018	4:00	57.4	58.5	53.0
09-09-2018	4:05	57.4	58.5	53.0
09-09-2018	4:10	57.4	58.5	53.0
09-09-2018	4:15	57.3	58.5	53.0
09-09-2018	4:20	57.3	58.5	52.5
09-09-2018	4:25	57.3	58.5	53.0
09-09-2018	4:30	57.3	58.5	52.5
09-09-2018	4:35	57.3	58.5	52.5
09-09-2018	4:40	57.5	58.5	53.0
09-09-2018	4:45	57.4	58.5	53.0
09-09-2018	4:50	57.2	58.5	52.5
09-09-2018	4:55	57.3	58.5	52.5
09-09-2018	5:00	57.2	58.5	52.5
09-09-2018	5:05	57.2	58.5	52.5
09-09-2018	5:10	57.2	58.5	52.5
09-09-2018	5:15	57.2	58.5	52.5
09-09-2018	5:20	57.2	58.5	52.5
09-09-2018	5:25	57.2	58.5	52.5
09-09-2018	5:30	57.1	58.5	52.0
09-09-2018	5:35	57.2	58.5	52.5
09-09-2018	5:40	57.3	58.5	52.5
09-09-2018	5:45	57.5	58.5	53.0
09-09-2018	5:50	57.3	58.5	53.0
09-09-2018	5:55	57.2	58.5	52.5



Measured Noise Levels (dB(A)) at NM2 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
09-09-2018	6:00	57.1	58.5	52.5
09-09-2018	6:05	57.2	58.5	52.5
09-09-2018	6:10	57.1	58.5	52.5
09-09-2018	6:15	57.2	58.5	52.5
09-09-2018	6:20	57.2	58.5	52.5
09-09-2018	6:25	59.8	61.0	53.5
09-09-2018	6:30	57.7	58.5	52.5
09-09-2018	6:35	57.1	58.5	52.5
09-09-2018	6:40	57.1	58.5	52.0
09-09-2018	6:45	57.1	58.5	52.0
09-09-2018	6:50	57.1	58.5	52.0
09-09-2018	6:55	57.1	58.5	52.0
09-09-2018	23:00	57.2	58.5	52.0
09-09-2018	23:05	57.0	58.5	52.0
09-09-2018	23:10	57.3	58.5	52.0
09-09-2018	23:15	57.1	58.5	52.0
09-09-2018	23:20	57.1	58.5	52.0
09-09-2018	23:25	56.9	58.5	51.5
09-09-2018	23:30	57.0	58.5	52.0
09-09-2018	23:35	57.0	58.5	51.5
09-09-2018	23:40	57.1	58.5	52.0
09-09-2018	23:45	57.0	58.5	52.0
09-09-2018	23:50	57.0	58.5	52.0
09-09-2018	23:55	57.2	58.5	52.0
10-09-2018	0:00	57.4	58.5	52.0
10-09-2018	0:05	57.9	60.0	53.0
10-09-2018	0:10	58.2	60.5	52.5
10-09-2018	0:15	58.5	61.0	53.5
10-09-2018	0:20	58.2	60.5	53.0
10-09-2018	0:25	58.0	60.0	53.0
10-09-2018	0:30	58.5	61.0	53.5
10-09-2018	0:35	58.1	60.0	53.0
10-09-2018	0:40	58.6	61.0	53.5
10-09-2018	0:45	58.8	61.0	54.5
10-09-2018	0:50	58.6	60.5	54.0
10-09-2018	0:55	59.2	61.5	54.5
10-09-2018	1:00	62.6	66.0	56.5
10-09-2018	1:05	57.1	58.5	52.5
10-09-2018	1:10	57.1	58.5	52.0
10-09-2018	1:15	57.0	58.5	52.0
10-09-2018	1:20	57.1	58.5	52.0
10-09-2018	1:25	57.2	58.5	52.5
10-09-2018	1:30	57.0	58.5	51.5
10-09-2018	1:35	57.4	59.0	52.5
10-09-2018	1:40	57.1	58.5	52.0
10-09-2018	1:45	57.5	59.0	52.0
10-09-2018	1:50	57.7	59.5	52.5
10-09-2018	1:55	57.4	58.5	52.0

Measured Noise Levels (dB(A)) at NM2 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
10-09-2018	2:00	58.0	60.0	53.0
10-09-2018	2:05	58.0	60.0	53.0
10-09-2018	2:10	57.6	59.0	52.5
10-09-2018	2:15	58.1	60.0	53.0
10-09-2018	2:20	58.0	60.0	52.5
10-09-2018	2:25	57.1	58.5	52.0
10-09-2018	2:30	57.0	58.5	52.0
10-09-2018	2:35	57.2	58.5	51.5
10-09-2018	2:40	57.4	58.5	51.5
10-09-2018	2:45	56.9	58.5	51.5
10-09-2018	2:50	57.0	58.5	52.0
10-09-2018	2:55	58.0	58.5	52.5
10-09-2018	3:00	58.0	58.5	52.5
10-09-2018	3:05	59.1	62.0	53.5
10-09-2018	3:10	59.0	61.5	53.0
10-09-2018	3:15	60.9	64.0	55.0
10-09-2018	3:20	60.4	63.5	55.0
10-09-2018	3:25	60.6	63.5	55.0
10-09-2018	3:30	60.4	63.5	55.0
10-09-2018	3:35	60.9	64.0	56.0
10-09-2018	3:40	60.6	64.0	55.0
10-09-2018	3:45	60.2	63.5	54.0
10-09-2018	3:50	61.0	63.5	56.5
10-09-2018	3:55	61.2	64.0	56.5
10-09-2018	4:00	61.0	64.0	56.0
10-09-2018	4:05	61.7	64.5	57.0
10-09-2018	4:10	61.0	63.5	57.0
10-09-2018	4:15	60.8	63.0	56.5
10-09-2018	4:20	61.1	63.5	56.5
10-09-2018	4:25	60.2	62.0	56.5
10-09-2018	4:30	59.5	61.0	56.0
10-09-2018	4:35	59.3	61.0	54.5
10-09-2018	4:40	57.7	59.0	53.0
10-09-2018	4:45	57.4	58.5	53.0
10-09-2018	4:50	57.5	58.5	53.5
10-09-2018	4:55	57.5	59.0	53.5
10-09-2018	5:00	57.5	58.5	53.5
10-09-2018	5:05	57.4	58.5	53.0
10-09-2018	5:10	57.5	59.0	53.5
10-09-2018	5:15	57.4	58.5	53.0
10-09-2018	5:20	57.4	58.5	53.0
10-09-2018	5:25	57.4	58.5	53.0
10-09-2018	5:30	57.3	58.5	53.0
10-09-2018	5:35	57.1	58.5	52.0
10-09-2018	5:40	57.6	58.5	52.5
10-09-2018	5:45	57.2	58.5	52.5
10-09-2018	5:50	57.5	58.5	53.0
10-09-2018	5:55	58.1	59.5	54.0

Measured Noise Levels (dB(A)) at NM2 during Night-time  
(23:00-07:00 hrs of the next day)

Date	Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
10-09-2018	6:00	58.5	60.0	55.0
10-09-2018	6:05	58.8	60.5	55.5
10-09-2018	6:10	58.1	59.5	54.0
10-09-2018	6:15	57.7	59.0	53.5
10-09-2018	6:20	57.8	59.0	53.0
10-09-2018	6:25	59.0	61.0	54.0
10-09-2018	6:30	57.8	59.0	52.5
10-09-2018	6:35	57.2	58.5	52.0
10-09-2018	6:40	57.2	58.5	52.0
10-09-2018	6:45	57.6	59.0	52.5
10-09-2018	6:50	57.0	58.5	52.0
10-09-2018	6:55	57.0	58.5	52.0

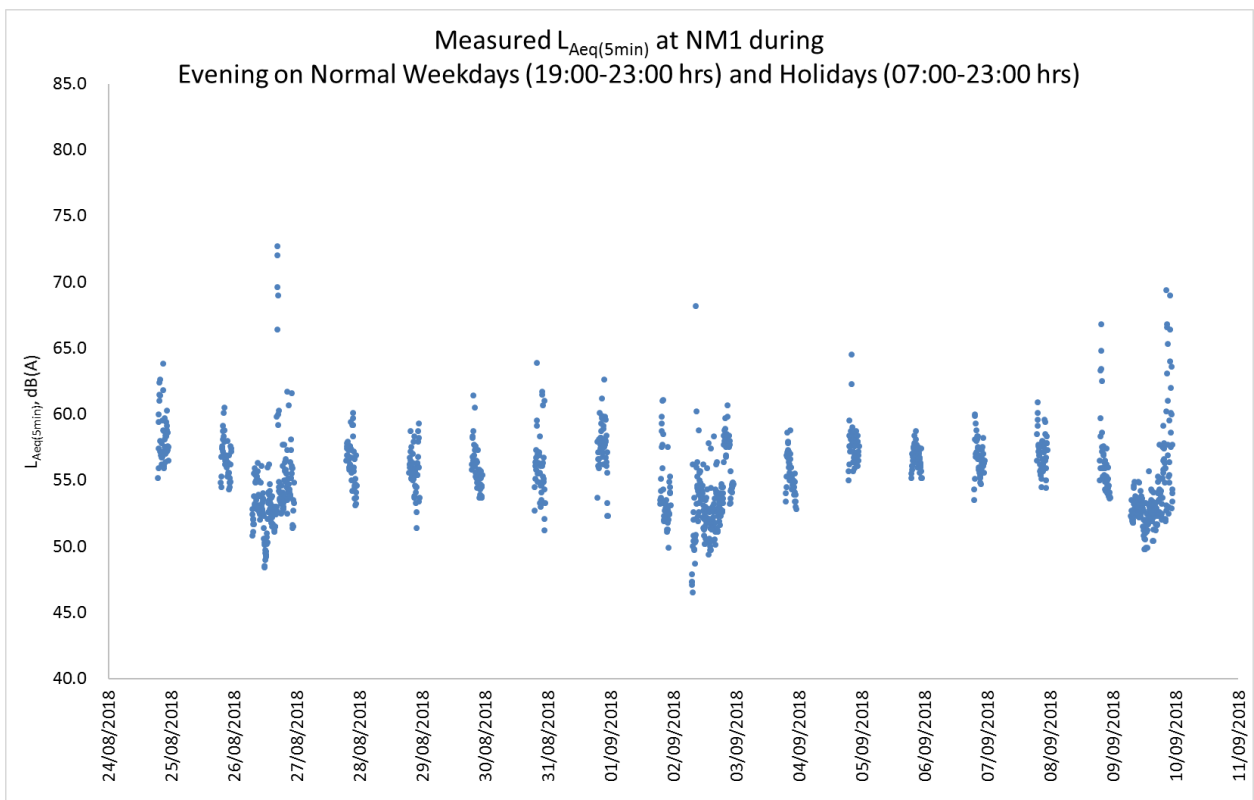
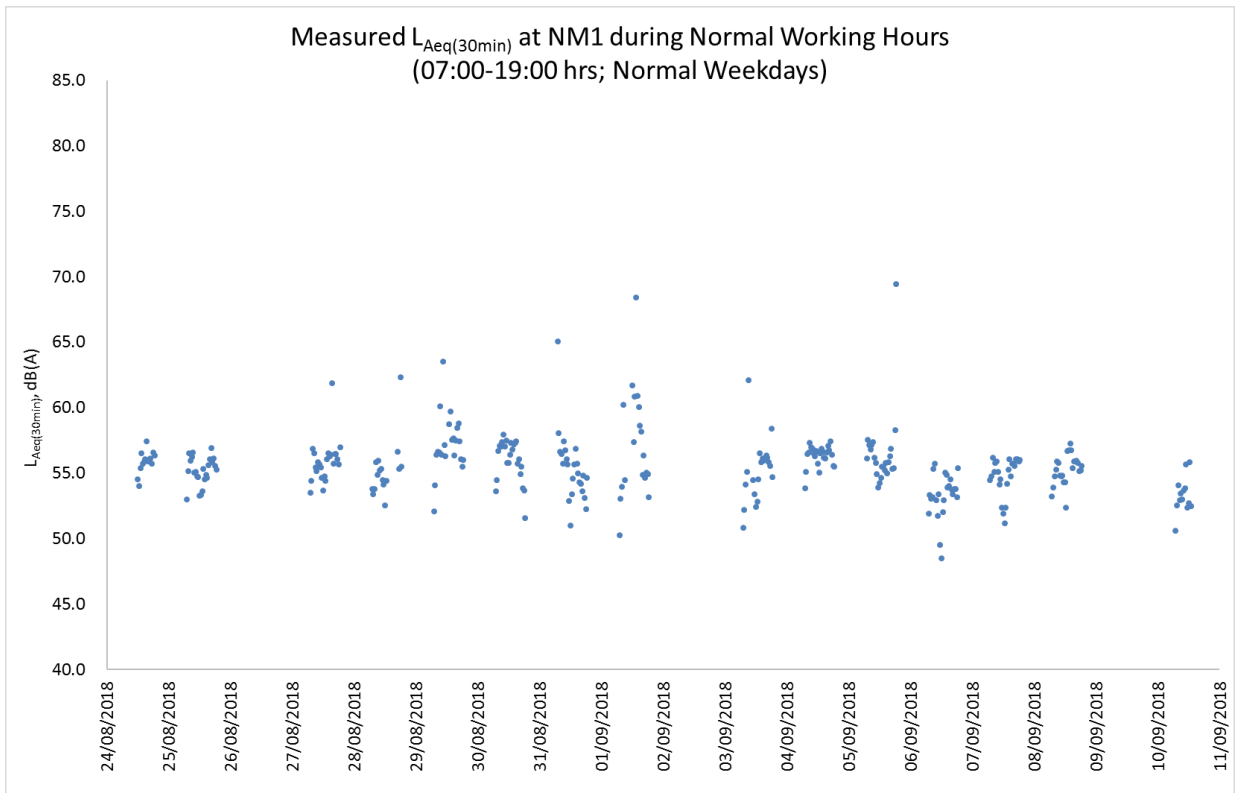
<b>Average</b>	58.1
<b>Min</b>	56.6
<b>Max</b>	69.8

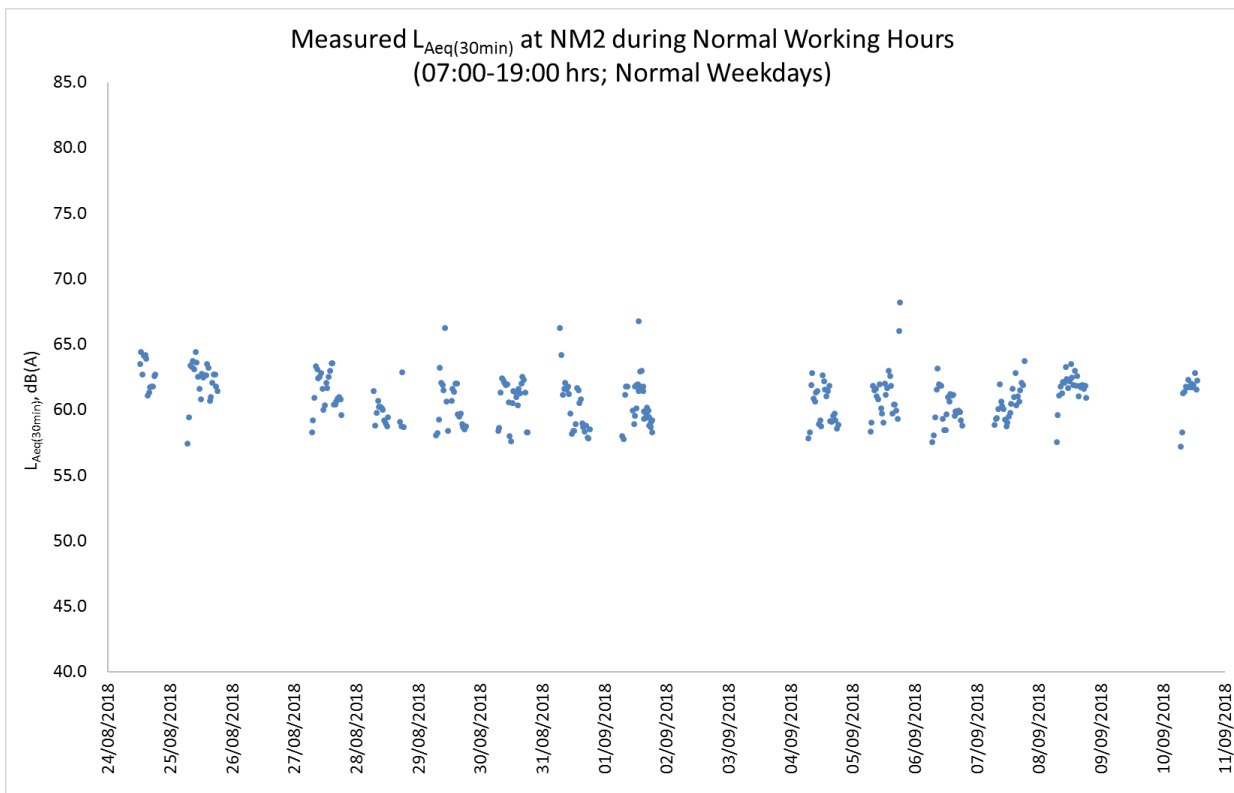
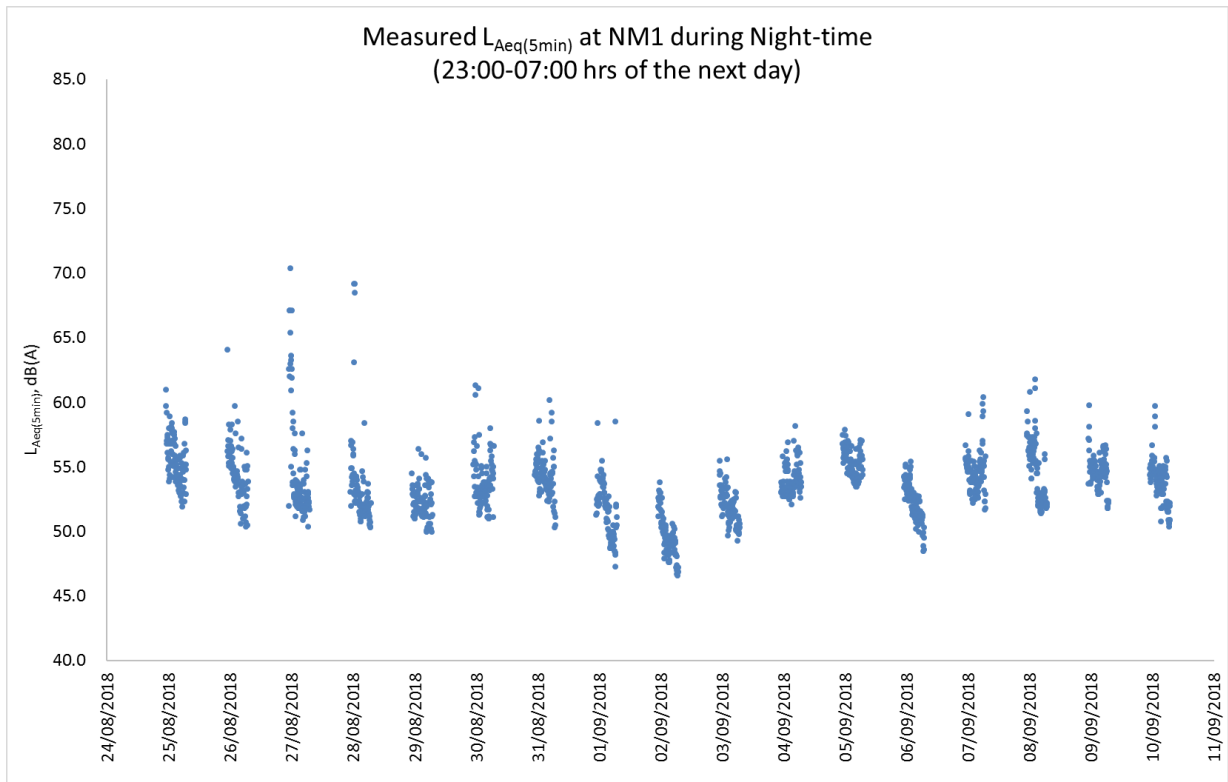
Notes:

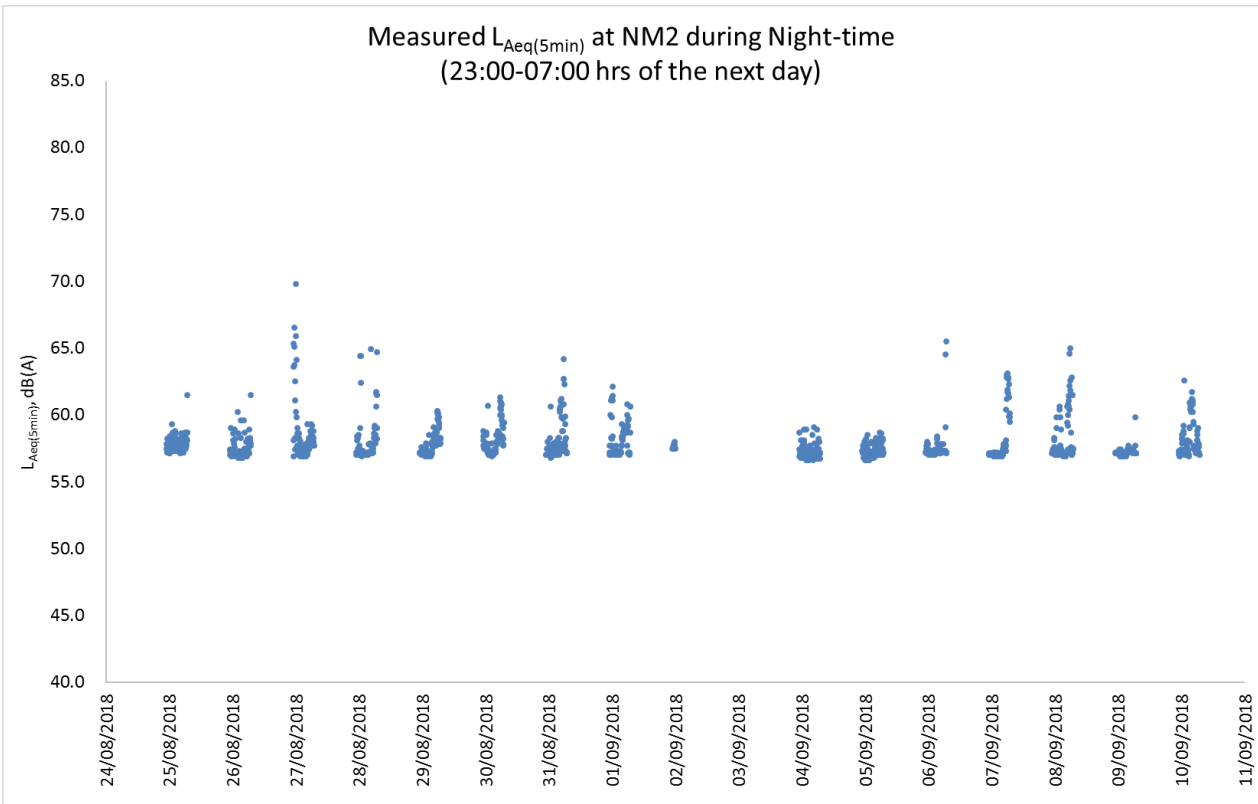
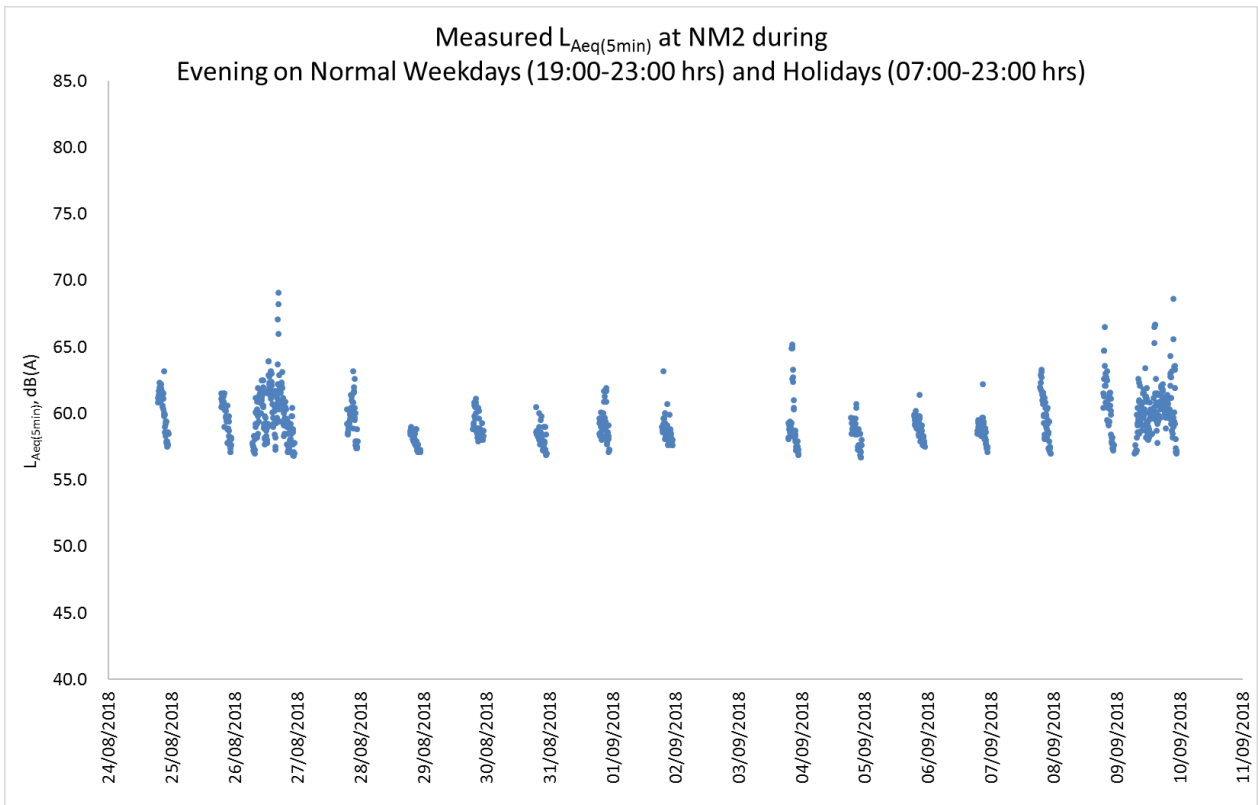
- (a) Data affected by the rain were discarded.
- (b) Data collection was corrupted due to power failure during 2 – 3 Sep 2018.
- (c) Correction of +3 dB(A) was made for free field measurements.

Annex B4

## Graphical Presentation of Noise Monitoring Results







Annex C

## Surface Water Quality

Annex C1

Calibration Certificates for  
Surface Water Quality  
Monitoring Equipment





## REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

CONTACT:	V.C. LAU	WORK ORDER:	HK1840568
CLIENT:	GREEN VALLEY LANDFILL LTD		
ADDRESS:	BOX 65036, TSEUNG KWAN O POST OFFICE, KOWLOON, HONG KONG	SUB-BATCH:	0
		LABORATORY:	HONG KONG
		DATE RECEIVED:	23-Jul-2018
		DATE OF ISSUE:	31-Jul-2018

### COMMENTS

The performance of the equipment stated in this report is checked with independent reference material and results compared against a calibrated secondary source.

**The "Tolerance Limit" quoted is the acceptance criteria applicable for similar equipment used by the ALS Hong Kong laboratory or quoted from relevant international standards.**

**The "Next Calibration Date" is recommended according to best practice principle as practised by the ALS Hong Kong laboratory or quoted from relevant international standards.**

Scope of Test:	pH Value and Temperature
Equipment Type:	pH meter
Brand Name:	Oakton
Model No.:	pH 450
Serial No.:	2607885
Equipment No.:	--
Date of Calibration:	25 July, 2018

### NOTES

This is the Final Report and supersedes any preliminary report with this batch number.

Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release.

Mr Chan Siu Ming, Vico  
Manager - Inorganic

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# REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION



WORK ORDER: HK1840568  
SUB-BATCH: 0  
DATE OF ISSUE: 31-Jul-2018  
CLIENT: GREEN VALLEY LANDFILL LTD

Equipment Type: pH meter  
Brand Name: Oakton  
Model No.: pH 450  
Serial No.: 2607885  
Equipment No.: --  
Date of Calibration: 25 July, 2018      Date of Next Calibration: 25 October, 2018

PARAMETERS:

pH Value      Method Ref: APHA (21st edition), 4500H:B

Expected Reading (pH unit)	Displayed Reading (pH unit)	Tolerance (pH unit)
4.0	3.96	-0.04
7.0	6.95	-0.05
10.0	9.83	-0.17
	Tolerance Limit (pH unit)	±0.20

Temperature

Method Ref: Section 6 of International Accreditation New Zealand Technical Guide No. 3 Second edition March 2008: Working Thermometer Calibration Procedure.

Expected Reading (°C)	Displayed Reading (°C)	Tolerance (°C)
10.4	10.5	+0.1
21.7	20.8	-0.9
40.5	40.4	-0.1
	Tolerance Limit (°C)	±2.0

Remark: "Displayed Reading" presents the figures shown on item under calibration / checking regardless of equipment precision or significant figures.

Mr Chan Siu Ming, Vico  
Manager - Inorganic



## REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

CONTACT:	V.C. LAU	WORK ORDER:	HK1840576
CLIENT:	GREEN VALLEY LANDFILL LTD		
ADDRESS:	BOX 65036, TSEUNG KWAN O POST OFFICE, KOWLOON, HONG KONG	SUB-BATCH:	0
		LABORATORY:	HONG KONG
		DATE RECEIVED:	23-Jul-2018
		DATE OF ISSUE:	31-Jul-2018

### COMMENTS

The performance of the equipment stated in this report is checked with independent reference material and results compared against a calibrated secondary source.

**The "Tolerance Limit" quoted is the acceptance criteria applicable for similar equipment used by the ALS Hong Kong laboratory or quoted from relevant international standards.**

**The "Next Calibration Date" is recommended according to best practice principle as practised by the ALS Hong Kong laboratory or quoted from relevant international standards.**

Scope of Test:	Dissolved Oxygen and Temperature
Equipment Type:	Dissolved Oxygen Meter
Brand Name:	Oakton
Model No.:	DO 300
Serial No.:	2105784
Equipment No.:	--
Date of Calibration:	25 July, 2018

### NOTES

This is the Final Report and supersedes any preliminary report with this batch number.

Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release.

Mr Chan Siu Ming, Vico  
Manager - Inorganic

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# REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION



WORK ORDER: HK1840576  
 SUB-BATCH: 0  
 DATE OF ISSUE: 31-Jul-2018  
 CLIENT: GREEN VALLEY LANDFILL LTD

Equipment Type: Dissolved Oxygen Meter  
 Brand Name: Oakton  
 Model No.: DO 300  
 Serial No.: 2105784  
 Equipment No.: --  
 Date of Calibration: 25 July, 2018

Date of Next Calibration: 25 October, 2018

**PARAMETERS:**

Dissolved Oxygen Method Ref: APHA (21st edition), 4500-O: G

Expected Reading (mg/L)	Displayed Reading (mg/L)	Tolerance (mg/L)
2.40	2.33	-0.07
4.88	4.92	+0.04
7.86	7.82	-0.04
	Tolerance Limit (mg/L)	±0.20

**Temperature**

Method Ref: Section 6 of International Accreditation New Zealand Technical Guide No. 3 Second edition March 2008: Working Thermometer Calibration Procedure.

Expected Reading (°C)	Displayed Reading (°C)	Tolerance (°C)
10.5	11.3	+0.8
21.0	21.7	+0.7
41.0	40.0	-1.0
	Tolerance Limit (°C)	±2.0

Remark: "Displayed Reading" presents the figures shown on item under calibration / checking regardless of equipment precision or significant figures.

Mr Chan Siu Ming, Vico  
 Manager - Inorganic



## REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION

CONTACT:	V.C. LAU	WORK ORDER:	HK1840580
CLIENT:	GREEN VALLEY LANDFILL LTD		
ADDRESS:	BOX 65036, TSEUNG KWAN O POST OFFICE, KOWLOON, HONG KONG	SUB-BATCH:	0
		LABORATORY:	HONG KONG
		DATE RECEIVED:	23-Jul-2018
		DATE OF ISSUE:	31-Jul-2018

### COMMENTS

The performance of the equipment stated in this report is checked with independent reference material and results compared against a calibrated secondary source.

**The "Tolerance Limit" quoted is the acceptance criteria applicable for similar equipment used by the ALS Hong Kong laboratory or quoted from relevant international standards.**

**The "Next Calibration Date" is recommended according to best practice principle as practised by the ALS Hong Kong laboratory or quoted from relevant international standards.**

Scope of Test:	Conductivity
Equipment Type:	Conductivity Meter
Brand Name:	YSI
Model No.:	Pro 30
Serial No.:	17B101804
Equipment No.:	--
Date of Calibration:	25 July, 2018

### NOTES

This is the Final Report and supersedes any preliminary report with this batch number.

Results apply to sample(s) as submitted. All pages of this report have been checked and approved for release.

Mr Chan Siu Ming, Vico  
Manager - Inorganic

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# REPORT OF EQUIPMENT PERFORMANCE CHECK/CALIBRATION



WORK ORDER: HK1840580  
 SUB-BATCH: 0  
 DATE OF ISSUE: 31-Jul-2018  
 CLIENT: GREEN VALLEY LANDFILL LTD

Equipment Type: Conductivity Meter  
 Brand Name: YSI  
 Model No.: Pro 30  
 Serial No.: 17B101804  
 Equipment No.: --  
 Date of Calibration: 25 July, 2018

Date of Next Calibration: 25 October, 2018

**PARAMETERS:**

Conductivity Method Ref: APHA (21st edition), 2510B

Expected Reading ( $\mu\text{S/cm}$ )	Displayed Reading ( $\mu\text{S/cm}$ )	Tolerance (%)
146.9	153.2	+4.3
6667	6864	+3.0
12890	13856	+7.5
58670	62480	+6.5
	Tolerance Limit (%)	$\pm 10.0$

Remark: "Displayed Reading" presents the figures shown on item under calibration / checking regardless of equipment precision or significant figures.

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Mr Chan Siu Ming, Vico  
 Manager - Inorganic

Annex C2

## Surface Water Quality Monitoring Results

Surface Water Quality Monitoring Results at DP4

During Baseline Surface Water Monitoring between 13 August 2018 and 31 August 2018

	17-Aug-18	20-Aug-18	21-Aug-18	23-Aug-18	24-Aug-18	27-Aug-18	28-Aug-18	29-Aug-18	30-Aug-18	31-Aug-18
Weather Condition	Overcast, heavy rain	Overcast, rainy	Cloudy, calm	Overcast, calm	Overcast, calm	Overcast, rainy	Overcast, calm	Overcast, calm	Overcast, light S wind	Overcast, calm
Sampling Time	10:30	10:30	10:25	10:15	9:50	10:35	10:20	10:15	10:25	10:55
Estimated Flow (In-situ)	L/min	>130	>130	18	50	70	50	40	50	25
Temperature (In-situ)	oC	25.8	26.3	29.8	27.9	27.8	27.2	26.7	27.7	26.8
Colour (In-situ)		Pale brown	Pale yellow	No	No	No	No	No	No	Pale brown
Clarity (In-situ)		Slightly turbid	Clear	Clear	Clear	Clear	Clear	Clear	Clear	Clear
Odour (In-situ)		No	No	No	No	No	No	No	No	No
pH (In-situ)		7.65	7.14	8.39	7.93	8.01	8.05	7.73	7.47	7.15
EC (In-situ)	us/cm	217.0	231.9	393.5	302.2	393.6	359.3	389.6	408.3	436.2
DO (In-situ)	mg/l	6.11	6.63	7.02	7.28	7.40	7.26	7.35	7.14	7.18
DO (In-situ)	% Sat	74.9	81.1	92.5	92.6	93.9	93.1	91.7	91.1	90.3
SS	mg/L	66 <sup>(a)</sup>	5	4	2	3	3	3	1	2
COD	mg/L	34	7	8	5	6	7	8	5	6
BOD5	mg/L	2	<2	<2	<2	<2	<2	<2	<2	<2
TOC	mg/L	6	3	3	2	3	4	4	4	3
Ammoniacal-nitrogen	mg/L	0.12	0.12	<0.10	<0.10	<0.10	<0.10	0.10	0.12	<0.10
Nitrate-nitrogen	mg/L	0.73	0.56	0.48	0.26	0.27	0.16	0.17	0.28	0.30
Nitrite-nitrogen	mg/L	<0.01	<0.01	0.02	<0.01	0.01	0.01	0.03	0.02	0.02
TKN	mg/L	0.9	0.5	0.3	0.3	0.2	0.4	0.4	0.2	0.3
TN	mg/L	1.63	1.06	0.80	0.56	0.48	0.57	0.60	0.50	0.62
Phosphate	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Sulphate	mg/L	16	20	42	38	47	41	42	43	48
Sulphide	mg/L	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Carbonate	mg/L	<1	<1	6	<1	<1	<1	<1	<1	<1
Oil & Grease	mg/L	<5	<5	<5	<5	<5	<5	<5	<5	<5
Bicarbonate	mg/L	70	57	80	76	90	83	87	98	103
Chloride	mg/L	10	14	24	21	25	22	23	23	25
Sodium	mg/L	10.8	12.0	16.2	16.2	17.0	16.3	17.5	17.5	14.6
Potassium	mg/L	4.99	3.88	4.72	4.77	4.82	4.68	5.08	4.64	5.29
Calcium	mg/L	31.4	25.1	35.7	35.8	39.1	37.8	41.9	43.5	46.5
Magnesium	mg/L	2.24	2.61	4.41	4.32	4.84	4.62	5.12	5.31	5.95
Nickel	mg/L	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese	mg/L	0.067	0.013	0.011	0.011	0.010	0.010	0.012	0.016	0.025
Chromium	mg/L	0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001
Cadmium	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Copper	mg/L	0.007	0.002	0.001	0.001	0.001	0.001	0.002	<0.001	0.001
Lead	mg/L	0.008	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.002
Iron	mg/L	0.48	<0.04	<0.04	0.05	<0.04	<0.04	0.05	<0.04	<0.04
Zinc	mg/L	0.040	<0.010	<0.010	<0.010	<0.010	<0.010	0.020	<0.010	0.020
Mercury	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Boron	mg/L	0.040	0.040	0.070	0.040	0.060	0.040	0.060	0.060	0.080



**Surface Water Quality Monitoring Results at DP4**  
**Historical Data between 15 May 2018 and 16 July 2018**

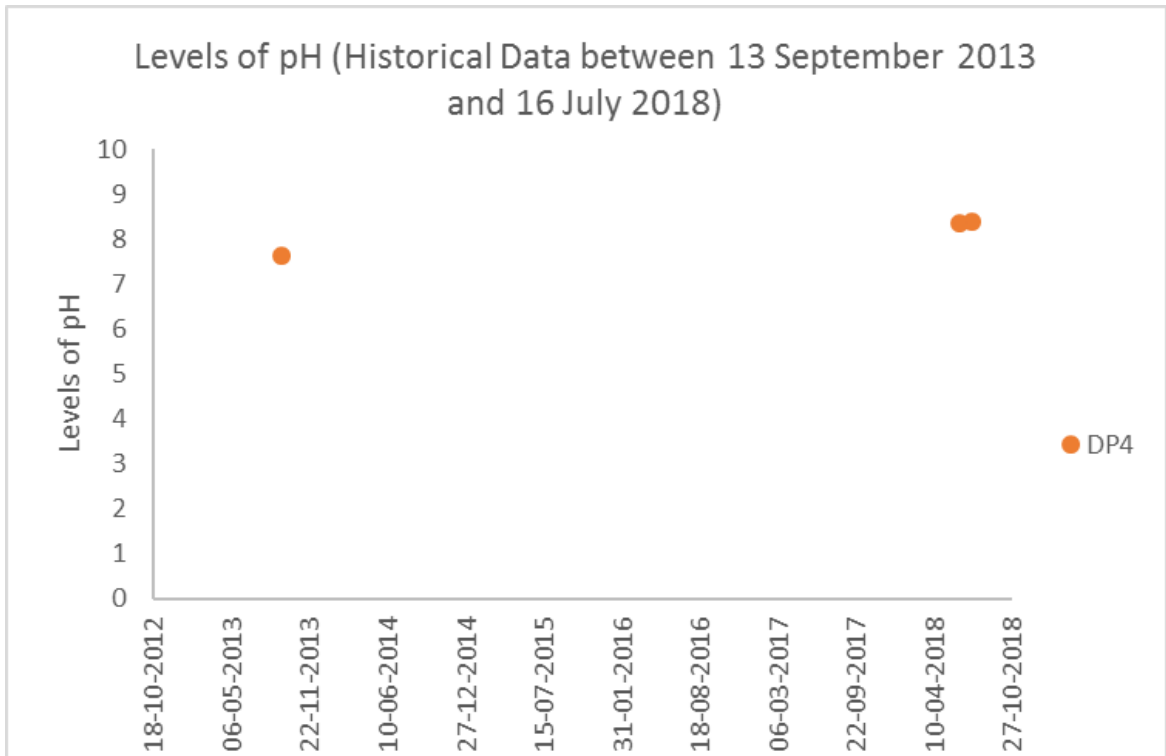
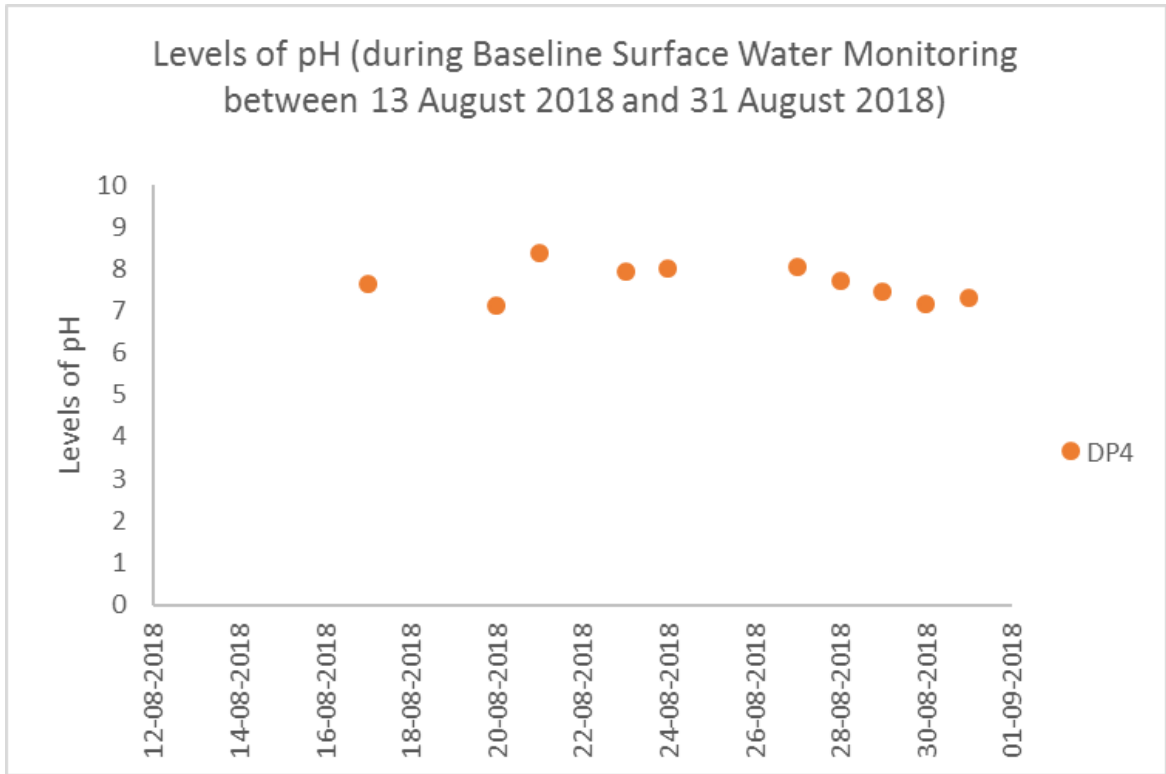
		13-Sep-13	14-Jun-18	16-Jul-18
Weather Condition		Sunnt, light NW wind	Cloudy, light S wind	Light rain, light NE wind
Sampling Time		10:30	10:00	10:20
Estimated Flow (In-situ)	L/min	35		72
Temperature (In-situ)	oC	28.7	26.4	26.9
Colour (In-situ)		Pale yellow	Colourless	Colourless
Clarity (In-situ)		Semi-clear	Clear	Clear
Odour (In-situ)		No	No	No
pH (In-situ)		7.65	8.35	8.40
EC (In-situ)	us/cm	311	385	405
DO (In-situ)	mg/l	5.33	7.26	6.90
DO (In-situ)	% Sat	74.1	87.8	83.1
		Duplicate		
SS	mg/L	<2	<2	10
COD	mg/L	10	7	12
BOD5	mg/L	<2	-	3
TOC	mg/L	4	4	4
Ammoniacal-nitrogen	mg/L	7	7.1	<0.10
Nitrate-nitrogen	mg/L	0.32	0.32	-
Nitrite-nitrogen	mg/L	0.4	0.4	-
TKN	mg/L	-	-	-
TN	mg/L	-	-	-
Phosphate	mg/L	-	-	-
Sulphate	mg/L	10	9	44
Sulphide	mg/L	<0.1	<0.1	<0.1
Carbonate	mg/L	<1	<1	1
Oil & Grease	mg/L	-	-	-
Bicarbonate	mg/L	105	110	<0.001
Chloride	mg/L	22	22	28
Sodium	mg/L	20	20.2	19.3
Potassium	mg/L	9.33	9.56	6.27
Calcium	mg/L	24.7	25	45.4
Magnesium	mg/L	1.91	1.98	4.45
Nickel	mg/L	0.001	<0.001	<0.001
Manganese	mg/L	0.222	0.222	0.01
Chromium	mg/L	<0.001	<0.001	<0.001
Cadmium	mg/L	<0.2	<0.2	<0.2
Copper	mg/L	0.001	0.001	0.002
Lead	mg/L	<0.001	<0.001	<0.001
Iron	mg/L	0.35	0.36	<0.04
Zinc	mg/L	<0.01	<0.01	<0.01
Mercury	mg/L	-	-	-
Boron	mg/L	-	-	-

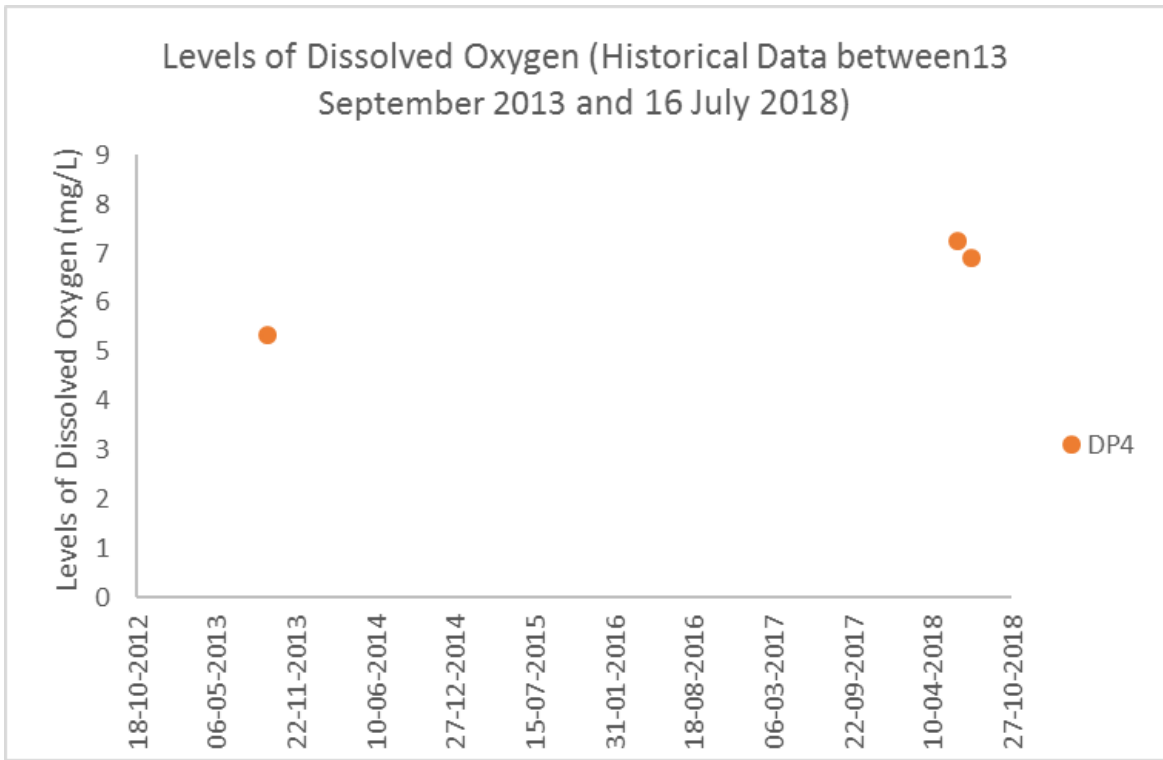
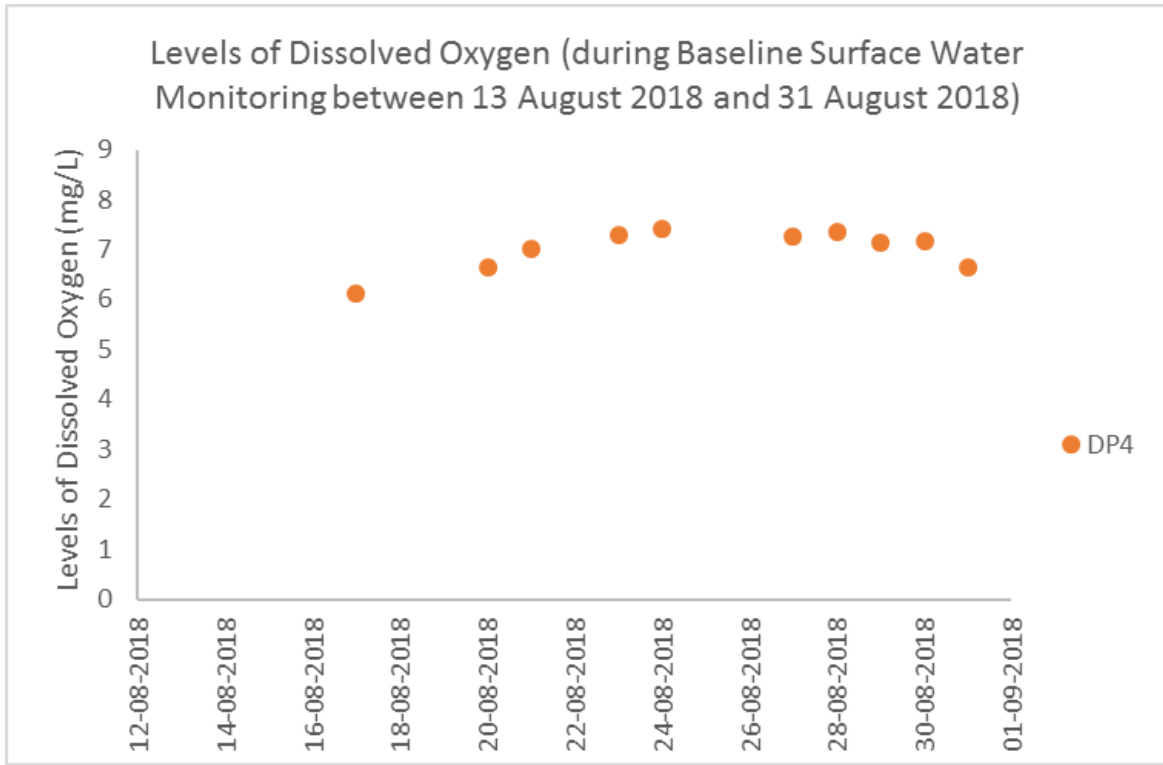
Note:

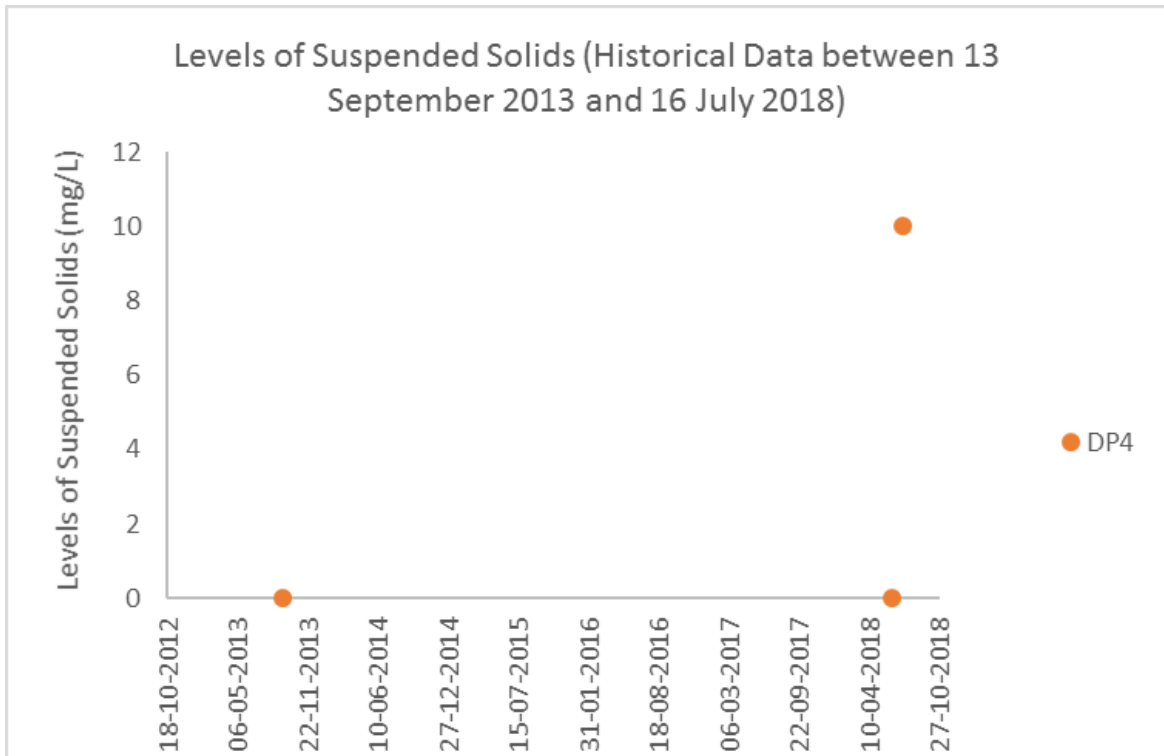
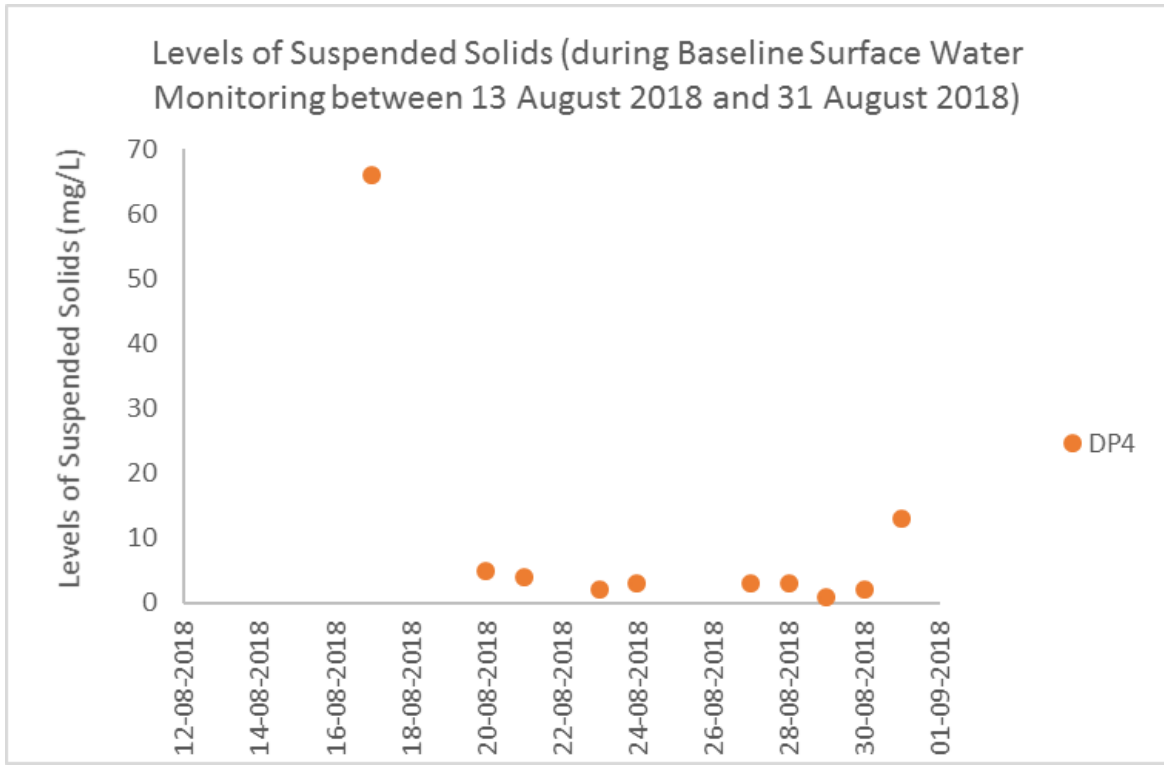
- (a) SS data collected at DP4 on 17 Aug 2018 is considered outlier. The data is discarded and is not used to establish the action and limit levels. All the data including the discarded value will be reviewed and used as references during the future impact monitoring.

Annex C3

# Graphical Presentation of Surface Water Quality Monitoring Results

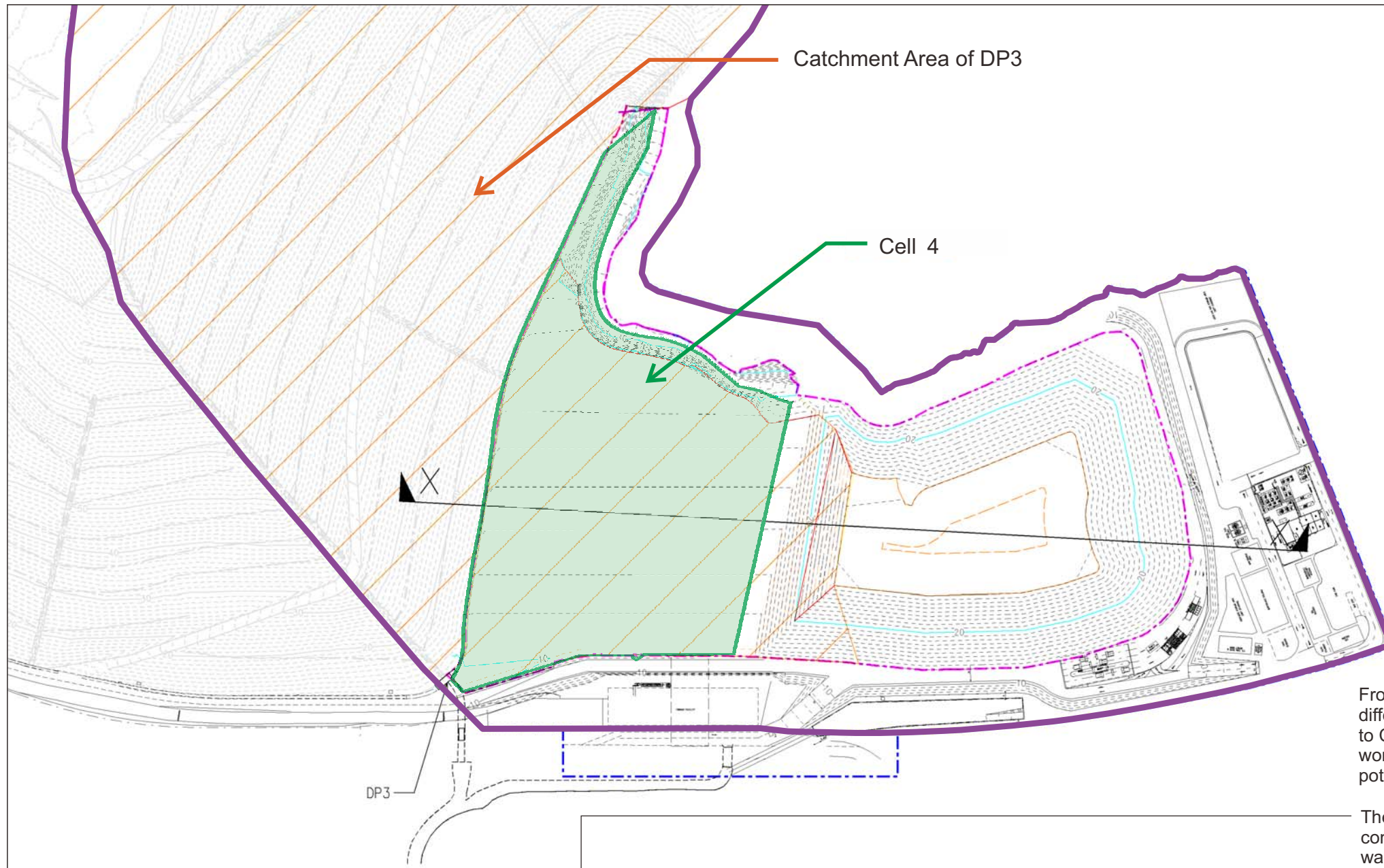






Annex C4

Catchment Area of DP3  
with Tentative Construction  
Programme



**Key**

The SENTX Site

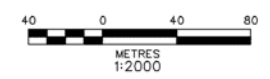
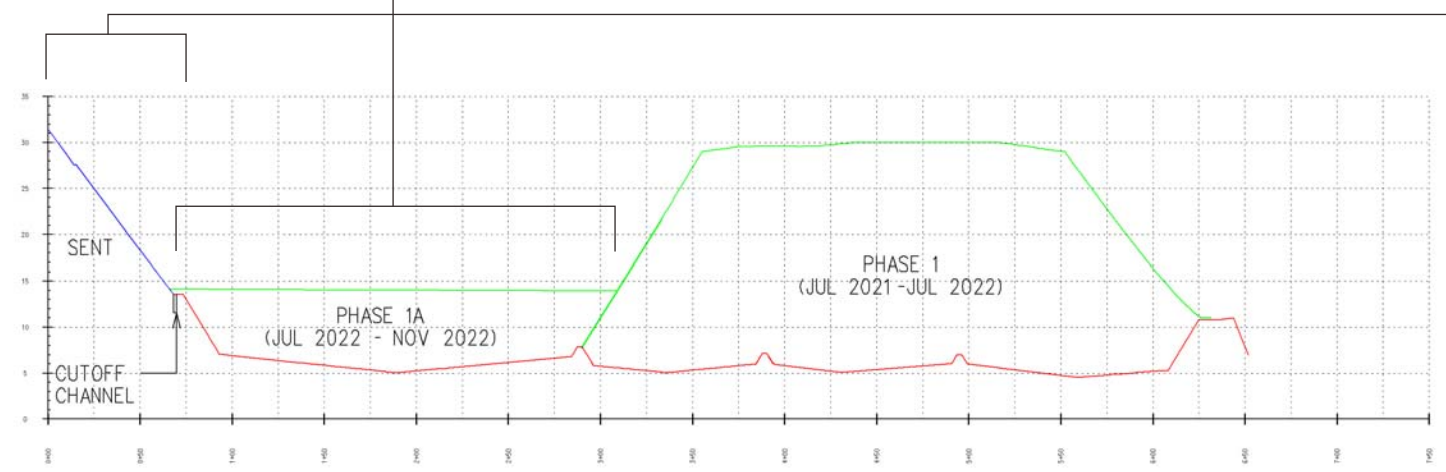
Location	Tentative Works Programme
Landfill Cell 2	2/11/2019 – 23/1/2021
Landfill Cell 3	20/2/2020 – 2/2/2022
Landfill Cell 4	7/9/2021 – 13/4/2023

From the tentative construction programme above, the construction works at different areas will be conducted in phase, starting from Landfill Cell 2, Cell 3 to Cell 4. The start date of construction works at Cell 4 is 7/9/2021 where the works will be carried out below the level of the cutoff channel and have no potential impact to DP3.

The earliest date when DP3 will be influenced by the SENTX construction/operation is November 2022 when Phase 1A has been filled with waste at the level of the cutoff channel.

Before the filling of waste at the SENT Landfill restored area (i.e. piggyback area of the SENTX and the catchment of DP3 within the Project boundary), the construction works at the SENT Landfill restored area will be the works related to the tie in of the base liner between the existing SENT base liner and the extension part, which is anticipated to be carried out during the dry season 2021/22.

Hence, there will be no other SENTX construction activities affecting DP3 by 2021.



Annex D

## Landscape and Visual



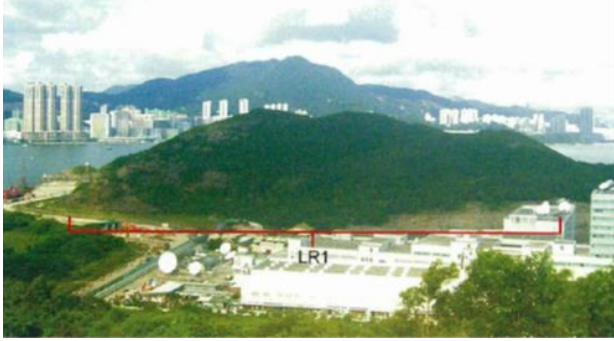
Annex D1

Updated Baseline  
Conditions of the  
Landscape Resources

**Approved EIA report**

**2018 Baseline**

LR1



Shrubs and topography on Fat Tong Chau Hillside



Shrubs and topography on Fat Tong Chau Hillside

LR2



Trees and shrubs in TVB City of Tseung Kwan O Industrial Estate

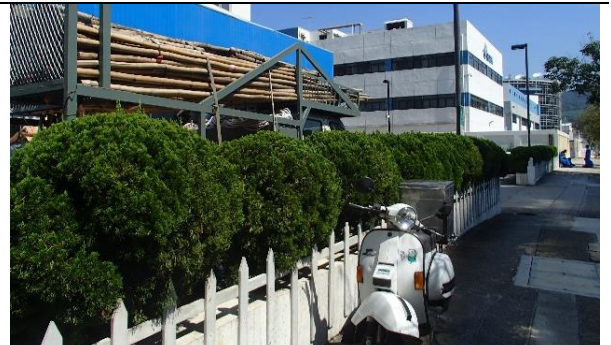


Trees and shrubs in TVB City of Tseung Kwan O Industrial Estate

LR3



Shrubs in Hong Kong Aircraft Engineering Building, TKO Industrial Estate



Shrubs in Hong Kong Aircraft Engineering Building, TKO Industrial Estate

LR4



Trees along Chun Wang Street



Trees along Chun Wang Street



Approved EIA report

2018 Baseline

LR5



Trees along Wan Po Road



Trees along Wan Po Road

LR6

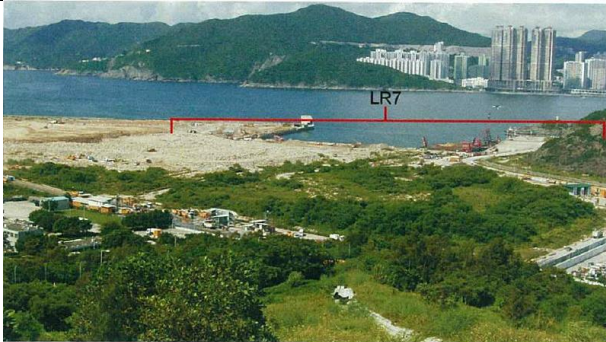


Drainage channel in TKO Area 137



Drainage channel in TKO Area 137

LR7



Trees in northern part of TKO Area 137



Trees in northern part of TKO Area 137

LR8



Coastal water east of TKO Area 137



Coastal water east of TKO Area 137

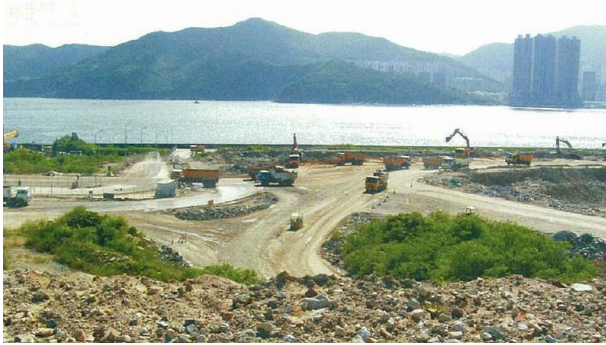


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**Approved EIA report**

**2018 Baseline**

LR9



Shrubs in southern part of TKO Area 137



Shrubs in southern part of TKO Area 137

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LR10



Stream on Fat Tong Chau Hillside



Stream on Fat Tong Chau Hillside

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LR11



Trees and shrubs along lower hillside of Tin Ha Shan



Trees and shrubs along lower hillside of Tin Ha Shan



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**Approved EIA report**

**2018 Baseline**

LR12



Site office area of SENT Landfill



Site office area of SENT Landfill

LR13



Plantation and topography in South SENT Landfill



Plantation and topography in South SENT Landfill

LR14



Plantation and topography in South-East SENT Landfill



Access road and topography in South-East SENT Landfill



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**Approved EIA report**

**2018 Baseline**

LR15



Plantation and topography in West SENT Landfill



Plantation and topography in West SENT Landfill

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LR16



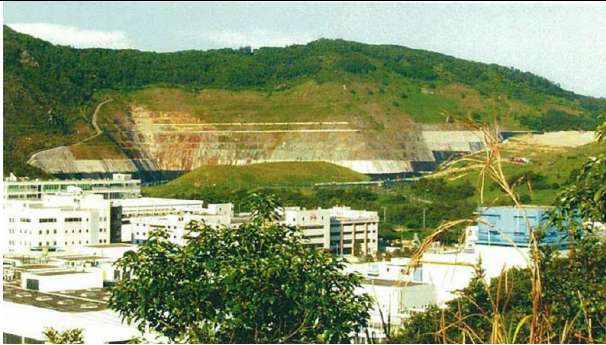
Grassland and topography in SENT Landfill



Shrubs and topography in SENT Landfill

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LR17



Man-made slope with shrubs and grass in SENT Landfill



Man-made slope with shrubs and grass in SENT Landfill

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LR18 NOT USED

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LR19









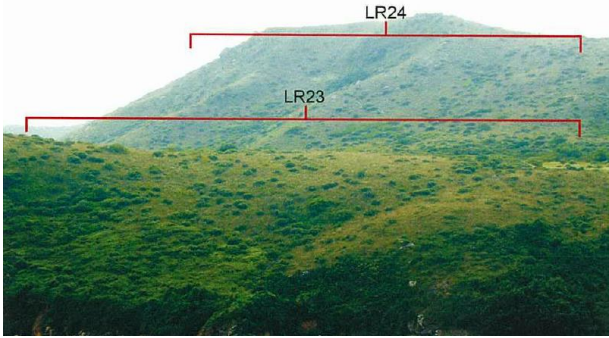
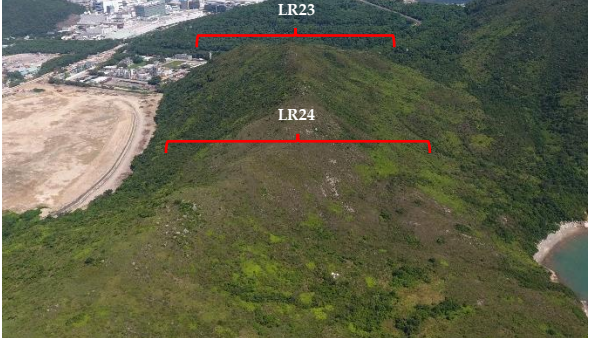
Trees, shrubs and topography in Ha Shan Tuk



Trees, shrubs and topography in Ha Shan Tuk

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	Approved EIA report	2018 Baseline
LR20	 <p style="text-align: center;">Shrubs and topography in Tin Ha Shan</p>	 <p style="text-align: center;">Shrubs and topography in Tin Ha Shan</p>
LR21	 <p style="text-align: center;">Streams in Tin Ha Shan</p>	 <p style="text-align: center;">Streams in Tin Ha Shan</p>
LR22	 <p style="text-align: center;">Trees, shrubs and topography in Tin Ha Au</p>	 <p style="text-align: center;">Trees, shrubs and topography in Tin Ha Au</p>
LR23, LR24	 <p style="text-align: center;">LR23 - Shrubs and Topography in Lower ridge east of TKO Area 137 LR24 - Grass, shrubs and topography on upper ridge east of TKO Area 137</p>	 <p style="text-align: center;">LR23 - Shrubs and Topography in Lower ridge east of TKO Area 137 LR24 - Grass, shrubs and topography on upper ridge east of TKO Area 137</p>



Shrubs and topography in Tin Ha Shan



Shrubs and topography in Tin Ha Shan



Streams in Tin Ha Shan



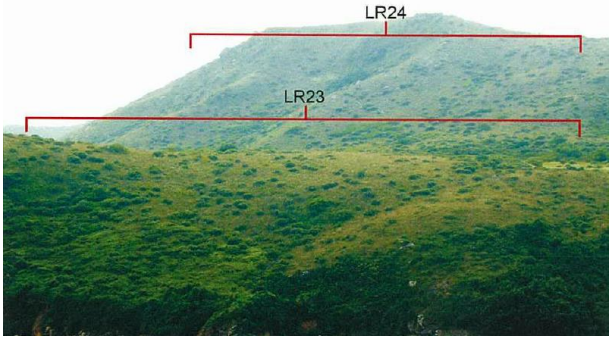
Streams in Tin Ha Shan



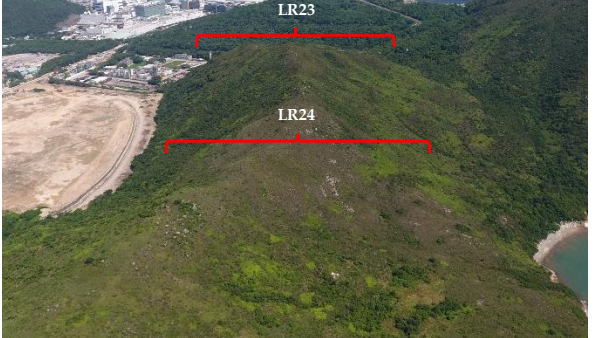
Trees, shrubs and topography in Tin Ha Au



Trees, shrubs and topography in Tin Ha Au



LR23 - Shrubs and Topography in Lower ridge east of TKO Area 137  
LR24 - Grass, shrubs and topography on upper ridge east of TKO Area 137



LR23 - Shrubs and Topography in Lower ridge east of TKO Area 137  
LR24 - Grass, shrubs and topography on upper ridge east of TKO Area 137



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Approved EIA report

2018 Baseline

LR25



Sandy shore south of ridge east of TKO Area 137



Sandy shore south of ridge east of TKO Area 137

LR26



Streams in Tin Ha Au



Streams in Tin Ha Au

LR27

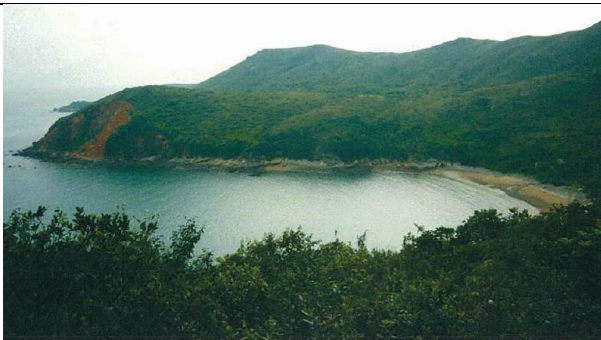


Sandy shore off Tin Ha Au



Sandy shore off Tin Ha Au

LR28



Coastal water off Tin Ha Au



Coastal water off Tin Ha Au



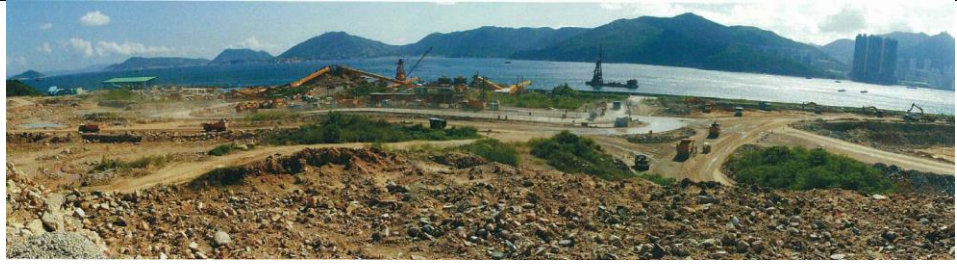
Annex D2

Updated Baseline  
Conditions of the  
Landscape Character Areas

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**LCA1**

Approved EIA report



Fat Tong O Reclamation

2018 Baseline



Fat Tong O Reclamation

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**LCA2**

Approved EIA report



Tseung Kwan O Industrial Estate

2018 Baseline



Tseung Kwan O Industrial Estate

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**LCA3**

Approved EIA report



SENT Landfill

2018 Baseline



SENT Landfill

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**LCA4**

Approved EIA report



Fat Tong Chau Headland

2018 Baseline



Fat Tong Chau Headland

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**LCA5**

Approved EIA report



Clear Water Bay Peninsular Central Coastal Uplands

2018 Baseline



Clear Water Bay Peninsular Central Coastal Uplands

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**LCA6**

Approved EIA report



Tathong Channel

2018 Baseline



Tathong Channel

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