



Civil Engineering and  
Development Department

*Agreement No. CE 60/2017 (EP)*

## **Environmental Team for Tung Chung New Town Extension (East) - Design and Construction**

**Baseline Monitoring Report for Tung Chung New Town  
Extension (East)**

July 2018

**ERM**

2507, 25/F  
One Harbourfront  
18 Tak Fung Street  
Hung Hom, Kowloon  
Hong Kong  
T: 2271 3000  
F: 2723 5660  
[www.erm.com](http://www.erm.com)



# Agreement No. CE60/2017 (EP) Environmental Team for Tung Chung New Town Extension (East) – Design and Construction




## Baseline Monitoring Report for Tung Chung New Town Extension (East)

### Environmental Resources Management

2507, 25/F, One Harbourfront  
18 Tak Fung Street  
Hung Hom, Kowloon  
Hong Kong  
Telephone: (852) 2271 3000  
Facsimile: (852) 2723 5660  
E-mail: post.hk@erm.com  
http://www.erm.com

### Revision 2

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Client: Civil Engineering and Development Department		Project No: 0445700			
Summary:  This document presents the Baseline Monitoring Report for <i>Environmental Team for Tung Chung New Town Extension (East) – Design and Construction (Agreement No. CE 60/2017 [EP])</i> .		Date: 6 July 2018			
		Approved by: 			
		Craig A. Reid Partner			
2	Baseline Monitoring Report for TCE	RC	JT	CAR	6/7/18
1	Baseline Monitoring Report for TCE	RC	JT	CAR	5/6/18
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> <div style="text-align: right;">    </div>			

## Tung Chung New Town Extension

### Environmental Certification Sheet for Environmental Permit No. EP-519/2016

#### Reference Document/Plan

Document/Plan to be Certified:	Baseline Monitoring Report for Tung Chung New Town Extension (East) (Revision 2)
Date of Report:	6 July 2018

#### Reference EP Condition

Environmental Permit Condition:	Condition 3.4
The Permit Holder shall submit 4 hard copies and 1 electronic copy of relevant Baseline Monitoring Reports to the Director at least 2 weeks before the commencement of construction of the Project. The submissions shall be certified by the ET Leader and verified by the IEC as having complied with the requirements as set out in the updated EM&A Manual before submission to the Director. Additional copies of the Baseline Monitoring Reports shall be provided upon request by the Director.	

#### ET Certification

I hereby certify that the above referenced document/plan complies with the above referenced condition of EP-519/2016

Jovy Tam  
Environmental Team Leader



Date: 6 July 2018



**BLACK & VEATCH**

**Black & Veatch Hong Kong Limited**

43/F, AIA Kowloon Tower, 100 How Ming Street, Kwun Tong, Hong Kong

博威工程顧問有限公司

香港九龍觀塘巧明街 100 號友邦九龍大樓 43 樓

Tel 電話 +852 2601 1000 • Fax 傳真 +852 2601 3988

Email 電郵 bvhk@bv.com

OUR REF 198377-0045

YOUR REF

DATE 6 July 2018

Sustainable Lantau Office  
Civil Engineering and Development Department  
13/F, North Point Government Offices  
333 Java Road, North Point  
Hong Kong

For the attention of Mr. Eddie Lam / Mr. Colin Wong

Dear Sirs,

**Agreement No. CE 59/2017 (EP)**  
**Independent Environmental Checker for Tung Chung New Town Extension - Investigation**

**Baseline Monitoring Report for Tung Chung New Town Extension (East)**  
**(EP condition 3.4)**

We refer to the Baseline Monitoring Report for Tung Chung New Town Extension (East) (Revision 2) dated 6 July 2018 and certified by the Environmental Team Leader on 6 July 2018. Please note the submission is hereby verified, in accordance with the requirement stipulated in Condition 3.4 of EP-519/2016.

Should you have any query, please feel free to contact the undersigned at 2608 7314 ([chuawo@bv.com](mailto:chuawo@bv.com)) or our Ivan Ting at 9222 9490 ([iec.tcnte@gmail.com](mailto:iec.tcnte@gmail.com))

Yours faithfully,  
for and on behalf of  
BLACK & VEATCH HONG KONG LIMITED

MANUEL CHUA  
Independent Environmental Checker

c.c. ET Leader – ERM (Attn: Mr. Jovy Tam) [by Email: [joxy.tam@erm.com](mailto:joxy.tam@erm.com)]  
Project Manager / TCE – AECOM (Attn: Mr. Robo Lo) [by Email: [sre1.tce@gmail.com](mailto:sre1.tce@gmail.com)]

## CONTENTS

	<i>EXECUTIVE SUMMARY</i>	1
1	<i>INTRODUCTION</i>	1
1.1	<i>BACKGROUND</i>	1
1.2	<i>PROJECT DESCRIPTION</i>	1
1.3	<i>PURPOSE OF THE BASELINE MONITORING REPORT FOR TUNG CHUNG EAST</i>	2
1.4	<i>STRUCTURE OF THE BASELINE MONITORING REPORT FOR TUNG CHUNG EAST</i>	2
2	<i>AIR QUALITY</i>	3
2.1	<i>MONITORING REQUIREMENT</i>	3
2.2	<i>MONITORING EQUIPMENT</i>	3
2.3	<i>MONITORING LOCATIONS</i>	3
2.4	<i>MONITORING PARAMETERS, FREQUENCY AND DURATION</i>	4
2.5	<i>MONITORING METHODOLOGY</i>	4
2.6	<i>WEATHER DATA</i>	4
2.7	<i>BASELINE MONITORING RESULTS</i>	4
2.8	<i>ACTION AND LIMIT LEVEL</i>	5
2.9	<i>EVENT AND ACTION PLAN</i>	6
3	<i>NOISE</i>	9
3.1	<i>MONITORING REQUIREMENT</i>	9
3.2	<i>MONITORING EQUIPMENT</i>	9
3.3	<i>MONITORING LOCATIONS</i>	9
3.4	<i>MONITORING PARAMETERS, FREQUENCY AND DURATION</i>	9
3.5	<i>MONITORING METHODOLOGY</i>	10
3.6	<i>MAINTENANCE AND CALIBRATION</i>	11
3.7	<i>BASELINE MONITORING RESULTS</i>	11
3.8	<i>ACTION AND LIMIT LEVELS</i>	12
3.9	<i>EVENT AND ACTION PLAN</i>	12
4	<i>WATER QUALITY</i>	14
4.1	<i>MONITORING REQUIREMENT</i>	14
4.2	<i>MONITORING LOCATIONS</i>	14
4.3	<i>MONITORING PARAMETERS AND FREQUENCY</i>	14
4.4	<i>MONITORING METHODOLOGY</i>	15
4.5	<i>QA/QC REQUIREMENTS</i>	16
4.6	<i>BASELINE MONITORING RESULTS</i>	17
4.7	<i>ACTION AND LIMIT LEVELS</i>	17
4.8	<i>EVENT AND ACTION PLAN</i>	19
5	<i>LANDSCAPE AND VISUAL</i>	22
5.1	<i>MONITORING REQUIREMENT</i>	22
5.2	<i>MONITORING METHODOLOGY</i>	22
5.3	<i>MONITORING RESULTS</i>	22
5.4	<i>SUMMARY</i>	25

6	<i>SOFT SHORE ECOLOGY</i>	26
6.1	<i>MONITORING REQUIREMENT</i>	26
6.2	<i>MONITORING LOCATIONS</i>	26
6.3	<i>MONITORING METHODOLOGY</i>	26
6.4	<i>BASELINE MONITORING RESULTS</i>	27
6.5	<i>EVENT AND ACTION PLAN</i>	31
7	<i>CONCLUSION</i>	33

## *ANNEXES*

### *ANNEX A AIR QUALITY*

*ANNEX A1 CALIBRATION CERTIFICATES FOR THE AIR QUALITY MONITORING EQUIPMENT*

*ANNEX A2 WIND DATA AT CHEK LAP KOK COLLECTED BY THE HONG KONG OBSERVATORY*

*ANNEX A3 1-HOUR TSP MONITORING RESULTS*

*ANNEX A4 GRAPHICAL PRESENTATION OF 1-HOUR TSP MONITORING RESULTS*

### *ANNEX B NOISE*

*ANNEX B1 CALIBRATION CERTIFICATES FOR THE NOISE MONITORING EQUIPMENT*

*ANNEX B2 NOISE MONITORING RESULTS*

*ANNEX B3 GRAPHICAL PRESENTATION OF NOISE MONITORING RESULTS*

### *ANNEX C WATER QUALITY*

*ANNEX C1 CALIBRATION CERTIFICATES FOR THE WATER QUALITY MONITORING EQUIPMENT*

*ANNEX C2 BASELINE WATER QUALITY MONITORING SCHEDULE*

*ANNEX C3 WATER QUALITY MONITORING RESULTS*

*ANNEX C4 GRAPHICAL PRESENTATION OF WATER QUALITY MONITORING RESULTS*

### *ANNEX D SOFT SHORE ECOLOGY*

*ANNEX D1 RAW DATA FOR QUALITATIVE WALK-THROUGH SURVEY*

*ANNEX D2 RAW DATA FOR QUANTITATIVE TRANSECT SURVEY*

## *EXECUTIVE SUMMARY*

The development of the Tung Chung New Town Extension (TCNTE), comprising Tung Chung East (TCE) and Tung Chung West (TCW), is a mega-scale and complex project aiming to provide land to meet the future housing, economic and social development needs of Hong Kong. Due to the fact that the proposed works are geographically separated, the implementation of the mega-scale project is divided into two packages, namely TCE and TCW respectively. ERM-Hong Kong, Limited (ERM) is commissioned to undertake the role of Environmental Team (ET) for the construction and operation of TCE Project (“the Project”) in accordance with the requirements specified in the EP, Updated Environmental Monitoring and Audit (EM&A) Manual, EIA Report of the TCNTE project and other relevant statutory requirements.

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

- Air Quality;
- Noise;
- Water Quality;
- Landscape and Visual; and
- Soft Shore Ecology.

The baseline air quality monitoring was conducted at four (4) monitoring stations (DM-1, DM-2A, DM-3A and DM-4A) between 4 and 17 May 2018. Overall, the baseline air quality monitoring results 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 air quality (1-hour TSP levels) were established based on the baseline monitoring results.

Baseline noise monitoring was conducted at four (4) monitoring stations (NMS-CA-1A, NMS-CA-2A, NMS-CA-3 and NMS-CA-4) between 4 and 18 May 2018. The major noise sources identified at the monitoring station are the noise from road traffic, aircraft, MTR, renovation at Ying Tung Estate and insect. The baseline monitoring results are considered representative of the ambient noise level.

Baseline water quality monitoring was conducted at seven (7) monitoring stations (TCE-C1, TCE-C2, TCE-WQM1, TCE-WQM2a, TCE-WQM2b, TCE-WQM3A and TCE-WQM4) between 25 April and 21 May 2018. No observable pollution source was recorded at the monitoring stations and the baseline monitoring results are thus considered representative of the ambient water quality levels. Action and Limit Levels were established for DO, SS and Turbidity based on the baseline monitoring results.

Site conditions verification surveys for landscape and visual baseline were conducted on 15, 16, 17 and 19 May 2018 to revisit the identified Landscape Resources (LRs), Landscape Character Areas (LCAs) and Visual Sensitive Receivers (VSRs) in the approved EIA Report. The survey results concluded that the landscape and visual baseline conditions within the Project site boundary is similar to those presented in the approved EIA Report. There is no major change in the landscape and visual baseline conditions comparing to those during the EIA stage. Additional landscape and visual mitigation measures other than those recommended in the approved EIA Report are thus not required.

Baseline soft shore ecological monitoring was conducted at four (4) monitoring stations situated in Tung Chung Bay and Tai Ho Wan on 30 April, 2-4 May, 15-16 May and 27 June 2018. A total of 8,043 intertidal individuals and 37 individuals of horseshoe crabs were recorded during the surveys. The baseline mudflat surface levels at the four (4) monitoring stations were also measured for the determination of sedimentation rate during the impact/post-construction monitoring. Event and Action Plan is established for implementing appropriate actions and additional mitigation measures as necessary when comparing the data between baseline and impact/post-construction monitoring.

Upon agreement with EPD on this Baseline Monitoring Report for Tung Chung East, the Action and Limit Levels and the Event and Action Plan as proposed in this Report will be included in the next version of the Updated EM&A Manual.



# 1 INTRODUCTION

## 1.1 BACKGROUND

The development of the Tung Chung New Town Extension (TCNTE), comprising Tung Chung East (TCE) and Tung Chung West (TCW), is a mega-scale and complex project aiming to provide land to meet the future housing, economic and social development needs of Hong Kong. The Environmental Impact Assessment (EIA) Report for TCNTE (Register No. AEIAR-196/2016) <sup>(1)</sup> was approved on 8 April 2016 and the Environmental Permit (EP) EP-519/2016, covering the construction and operation of TCNTE, was granted on 9 August 2016. The EIA Report and EP cover both TCE and TCW.

Due to the fact that the proposed works are geographically separated, the implementation of the mega-scale project is divided into two packages, namely TCE and TCW, respectively. ERM-Hong Kong, Limited (ERM) is commissioned to undertake the role of Environmental Team (ET) for the construction and operation of TCE Project (“the Project”) in accordance with the requirements specified in the EP, Updated Environmental Monitoring and Audit (EM&A) Manual <sup>(2)</sup>, EIA Report of the TCNTE project <sup>(3)</sup> and other relevant statutory requirements.

## 1.2 PROJECT DESCRIPTION

The TCE Project (“the Project”) comprises the following elements:

1. Reclamation of the seabed by a non-dredged method at TCE to form a total of about 130 hectares of land;
2. Construction of about 4.9 kilometres of seawalls, with an eco-shoreline, three drainage box culvert outfalls, three circulation drains and a seawater intake at TCE;
3. Construction of a 470-metre (m) long multi-cell drainage box culvert at TCE;
4. Provision of infrastructure for Tung Chung Area 58, including construction of a single two-lane road with a footpath of about 270 m in length and the associated utility works;
5. Construction of roads, footbridges, drainage, sewerage, waterworks, sewage and salt water pumping stations, fresh water and salt water service reservoirs, and flood protection measures;

(1) Arup (2015). Environmental Impact Assessment Report for Tung Chung New Town Extension. Deposited to EPD under Register No. AEIAR-196/2016

(2) ERM (2018). Environmental Monitoring and Audit Manual for Tung Chung New Town Extension. Deposited to EPD under EP-519/2016

(3) Arup (2015). *Op cit.*

6. Provision of new cycle tracks connecting to the existing cycle track network;
7. Landscaping, reprovisioning and ancillary works; and
8. Implementation of environmental mitigation measures and environmental monitoring and audit works.

The location of the Project, including the associated infrastructure works, is shown in *Figure 1.1*.

### **1.3 PURPOSE OF THE BASELINE MONITORING REPORT FOR TUNG CHUNG EAST**

The purpose of this Baseline Monitoring Report for Tung Chung East is to present the baseline levels of air quality, noise, water quality and marine ecology (particularly intertidal habitats in Tung Chung Bay and Tai Ho Wan) at the designated monitoring locations around the Project area prior to the commencement of construction works of the Project. In addition, landscape and visual baseline monitoring were undertaken to verify the site conditions with reference to the approved EIA Report. Such baseline conditions will be used as the basis for assessing environmental impacts, if any, and compliance monitoring during the construction works of the Project.

Under the requirement of *Condition 3.4* of the EP, the Baseline Monitoring Report shall be prepared and submitted to the Director of the Environmental Protection (DEP) at least two weeks before the commencement of any construction works of the Project.

### **1.4 STRUCTURE OF THE BASELINE MONITORING REPORT FOR TUNG CHUNG EAST**

Following this introductory section, the remainder of the *Baseline Monitoring Report for Tung Chung East* is structured as follows:

- Section 2 Air Quality* - presents the methodology and findings of the baseline air quality monitoring.
- Section 3 Noise* - presents the methodology and findings of the baseline noise monitoring.
- Section 4 Water Quality* - presents the methodology and findings of the baseline water quality monitoring.
- Section 5 Landscape and Visual* - presents the methodology and findings of the baseline landscape and visual monitoring.
- Section 6 Soft Shore Ecology* - presents the methodology and findings of the baseline soft shore ecological monitoring.
- Section 7 Conclusion*

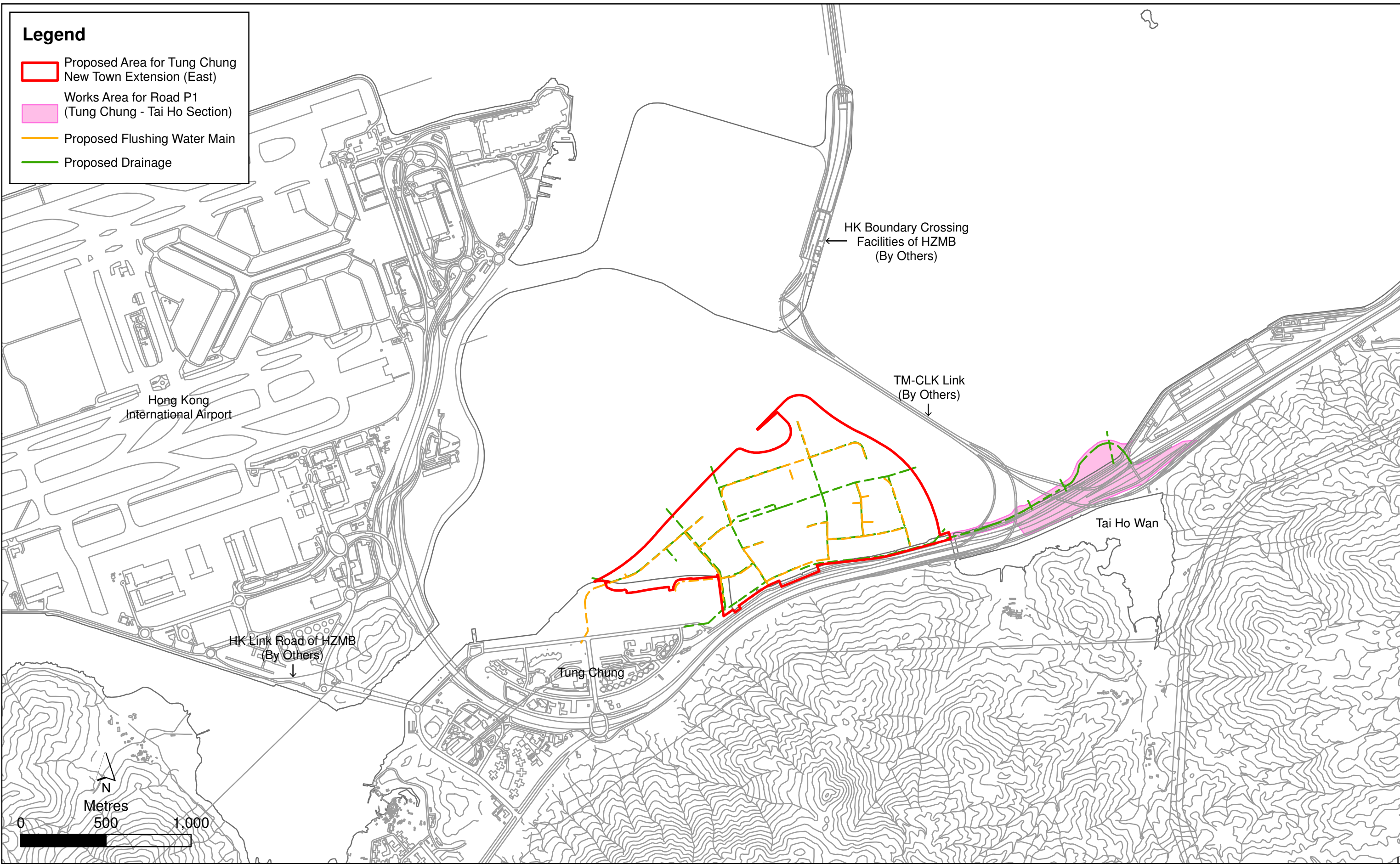


Figure 1.1

Location of the Tung Chung New Town Extensions (East) and its Associated Infrastructure Works

## 2 AIR QUALITY

### 2.1 MONITORING REQUIREMENT

According to the Updated EM&A Manual <sup>(1)</sup> of the Project, baseline air quality monitoring shall be carried out at the designated monitoring locations for at least 14 consecutive days prior to the commissioning of major construction works of the Project to obtain 1-hour Total Suspended Particulate (TSP) samples. The selected baseline monitoring stations should reflect baseline conditions at the impact stations. One-hour sampling should be done at least 3 times per day while the highest dust impact is expected. Further details of the baseline air quality monitoring are presented in the following sections.

### 2.2 MONITORING EQUIPMENT

Portable direct reading dust meters were used to measure 1-hour TSP levels in undertaking the air quality monitoring for the Project. The proposed use of portable direct reading dust meters was submitted to the Independent Environmental Checker (IEC) and obtained agreement from the IEC as stated in Section 5.5 of the Updated EM&A Manual. With the use of direct reading dust meter, it can allow prompt and direct results for the EM&A reporting and the implementation of the event and action plan. The portable direct reading dust meter would be calibrated every year against HVS to check the validity and accuracy of the results measured by direct reading method.

Table 2.1 summarizes the equipment used in the baseline air quality monitoring programme. Copies of the calibration certificates for the equipment are presented in Annex A1, which showed that the portable direct reading dust meter is capable of providing comparable results with that provided by a High Volume Sampler (HVS).

Table 2.1 Air Quality Monitoring Equipment




Equipment	Monitoring Station	Model
1-hour TSP	DM-1	SIBATA LD-5R (S/N: 620402)
Dust Meter	DM-2A	SIDEPAK AM510 (S/N: 10406054)
	DM-3A	SIDEPAK AM510 (S/N: 11009015)
	DM-4A	SIBATA LD-5R (S/N: 781282)

### 2.3 MONITORING LOCATIONS

Baseline air quality monitoring for the Project was conducted at four (4) monitoring stations around the Project area (ie DM-1, DM-2A, DM-3A and DM-4A). Locations of the four monitoring stations are shown in Figure 2.1.

(1) ERM (2018). *Op cit.*

**Legend**

-  Proposed Area for Tung Chung New Town Extension (East)
-  Tuen Mun – Chek Lap Kok Link (TM-CLKL)
-  Dust Monitoring Station

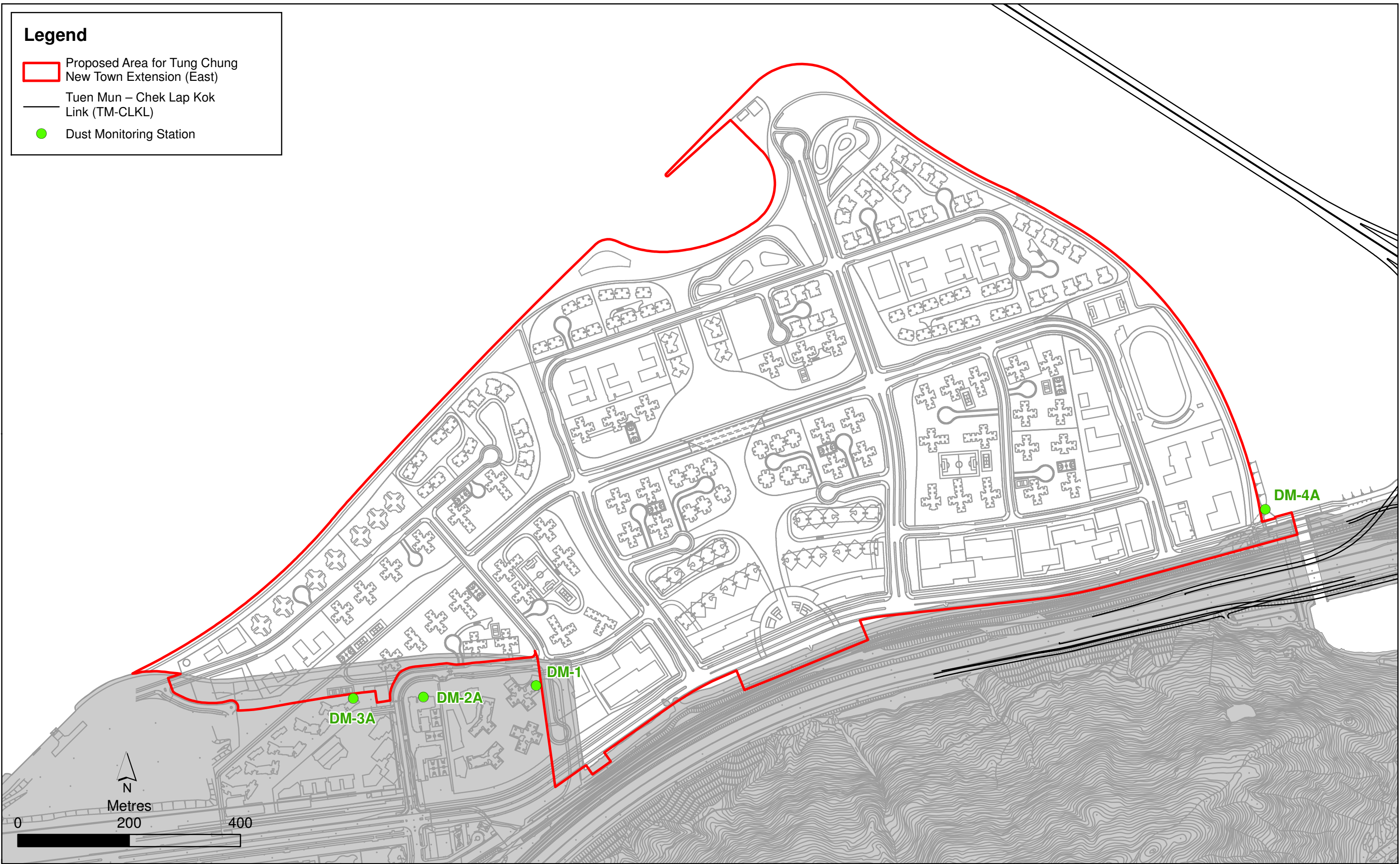


Figure 2.1

Baseline Dust Monitoring Station Locations

## 2.4 MONITORING PARAMETERS, FREQUENCY AND DURATION

Table 2.2 summarizes the monitoring parameters, monitoring period and frequency of baseline air quality monitoring.

Table 2.2 Frequency and Parameters of Baseline Air Quality Monitoring

Monitoring Station	Location	Parameter	Period	Frequency
DM-1	Tung Chung Area 56 - Planned Public Rental Housing Development	1-hour TSP	0700-1900 for 14 consecutive days	3 times/ day
DM-2A <sup>(1)</sup>	Planned School in Tung Chung East			
DM-3A <sup>(1)</sup>	Residential premise near Tung Chung East			
DM-4A <sup>(1)</sup>	Pak Mong Pier			

Remark: (1) Alternative Monitoring Station proposed in the Updated EM&A Manual

## 2.5 MONITORING METHODOLOGY

The 1-hour TSP levels were measured by the dust meter in accordance with procedures specified in the Manufacturer's Instruction Manual. The general procedures are described as follows:

- Pull up the air sampling inlet cover; and
- Set the timer and make a measurement.

## 2.6 WEATHER DATA

Wind data at Chek Lap Kok collected from the Hong Kong Observatory (HKO) were used for the air quality monitoring and they are shown in Annex A2. It is considered that wind data obtained at the existing Chek Lap Kok Wind Station are representative of the Project area and could be used for undertaking the baseline and construction phase air quality monitoring programme for the Project.

The proposed use of the existing wind data from Chek Lap Kok Wind Station collected from HKO for wind data collection instead of setting up wind monitoring equipment near the monitoring stations was submitted and agreed by IEC, and Engineer's Representative (ER)'s approval was also obtained in accordance with the requirements as stated in Section 5.5 of the Updated EM&A Manual.

## 2.7 BASELINE MONITORING RESULTS

The baseline air quality monitoring was conducted at four (4) monitoring locations (DM-1, DM-2A, DM-3A and DM-4A) between 4 and 17 May 2018 and the results are summarized in Table 2.3. The detailed 1-hour TSP

monitoring results are presented in *Annex A3*. Graphical presentations of the 1-hour TSP results at each monitoring location are shown in *Annex A4*. The weather was generally sunny and cloudy during the baseline monitoring period. Road traffic dust is identified as the influencing factors which may affect the results of baseline monitoring.

**Table 2.3** *Summary of Baseline 1-hour TSP Monitoring Results*

Monitoring Station	Average 1-hr TSP Concentration ( $\mu\text{g}/\text{m}^3$ ) (Range)
DM-1 – Tung Chung Area 56 – Planned Public Rental Housing Development	49.7 (25.0-76.0)
DM-2A – Planned School in Tung Chung East	42.4 (24.0-75.0)
DM-3A – Residential premise near Tung Chung East	40.9 (24.0-63.0)
DM-4A – Pak Mong Pier	45.9 (25.0-74.0)
<b>Overall Average 44.7</b>	

## 2.8 ACTION AND LIMIT LEVEL

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

**Table 2.4** *Guidelines for Establishing Action and Limit Levels for Air Quality*

Parameters	Action Level	Limit Level
1-hour TSP Level in $\mu\text{g}/\text{m}^3$	For baseline level $\leq 384 \mu\text{g}/\text{m}^3$ , Action level = (baseline level * 1.3 + Limit level)/2; For baseline level $> 384 \mu\text{g}/\text{m}^3$ , Action level = Limit level	500 $\mu\text{g}/\text{m}^3$

Given the 1-hour TSP levels recorded at the four monitoring stations (DM-1, DM-2A, DM-3A and DM-4A) are similar (ranged from 40.9 - 49.7  $\mu\text{g}/\text{m}^3$ ) during the baseline monitoring, it is considered appropriate to set up one Action Level for the Project instead of Action Levels for each monitoring station. The Action and Limit Levels of 1-hr TSP levels for air quality impact monitoring are determined and presented in *Table 2.5*.

**Table 2.5** *Action and Limit Levels for 1-hour TSP*

Location	Action Level, $\mu\text{g}/\text{m}^3$	Limit Level, $\mu\text{g}/\text{m}^3$
Monitoring stations for Tung Chung East (i.e. DM-1, DM-2, DM-3, DM-4, or other alternative monitoring stations proposed by the ET)	279	500

2.9

*EVENT AND ACTION PLAN*

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



**Table 2.6** *Event and Action Plan for Air Quality*

Event	Action			
	ET	IEC	ER	Contractor
Action level exceedance for one sample	<ol style="list-style-type: none"> <li>1. Identify source, investigate the causes of exceedance and propose remedial measures;</li> <li>2. Inform IEC and ER;</li> <li>3. Repeat measurement to confirm finding;</li> <li>4. Increase monitoring frequency to daily.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check monitoring data submitted by ET;</li> <li>2. Check Contractor's working method.</li> </ol>	<ol style="list-style-type: none"> <li>1. Notify Contractor.</li> </ol>	<ol style="list-style-type: none"> <li>1. Rectify any unacceptable practice;</li> <li>2. Amend working methods if appropriate.</li> </ol>
Action level exceedance for two or more consecutive samples	<ol style="list-style-type: none"> <li>1. Identify source;</li> <li>2. Inform IEC and ER;</li> <li>3. Advise the ER on the effectiveness of the proposed remedial measures;</li> <li>4. Repeat measurements to confirm findings;</li> <li>5. Increase monitoring frequency to daily;</li> <li>6. Discuss with IEC and Contractor on remedial actions required;</li> <li>7. If exceedance continues, arrange meeting with IEC and ER;</li> <li>8. If exceedance stops, cease additional monitoring.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check monitoring data submitted by ET;</li> <li>2. Check Contractor's working method;</li> <li>3. Discuss with ET and Contractor on possible remedial measures;</li> <li>4. Advise the ET on the effectiveness of the proposed remedial measures;</li> <li>5. Supervise Implementation of remedial measures.</li> </ol>	<ol style="list-style-type: none"> <li>1. Confirm receipt of notification of failure in writing;</li> <li>2. Notify Contractor;</li> <li>3. Ensure remedial measures properly implemented.</li> </ol>	<ol style="list-style-type: none"> <li>1. Submit proposals for remedial to ER within 3 working days of notification;</li> <li>2. Implement the agreed proposals;</li> <li>3. Amend proposal if appropriate.</li> </ol>

Event	Action			
	ET	IEC	ER	Contractor
Limit level exceedance for one sample	<ol style="list-style-type: none"> <li>1. Identify source, investigate the causes of exceedance and propose remedial measures;</li> <li>2. Inform ER, Contractor and EPD;</li> <li>3. Repeat measurement to confirm finding;</li> <li>4. Increase monitoring frequency to daily;</li> <li>5. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check monitoring data submitted by ET;</li> <li>2. Check Contractor's working method;</li> <li>3. Discuss with ET and Contractor on possible remedial measures;</li> <li>4. Advise the ER on the effectiveness of the proposed remedial measures;</li> <li>5. Supervise implementation of remedial measures.</li> </ol>	<ol style="list-style-type: none"> <li>1. Confirm receipt of notification of failure in writing;</li> <li>2. Notify Contractor;</li> <li>3. Ensure remedial measures properly implemented.</li> </ol>	<ol style="list-style-type: none"> <li>1. Take immediate action to avoid further exceedance;</li> <li>2. Submit proposals for remedial actions to IEC within 3 working days of notification;</li> <li>3. Implement the agreed proposals;</li> <li>4. Amend proposal if appropriate.</li> </ol>
Limit level exceedance for two or more consecutive samples	<ol style="list-style-type: none"> <li>1. Notify IEC, ER, Contractor and EPD;</li> <li>2. Identify source;</li> <li>3. Repeat measurement to confirm findings;</li> <li>4. Increase monitoring frequency to daily;</li> <li>5. Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented;</li> <li>6. Arrange meeting with IEC and ER to discuss the remedial actions to be taken;</li> <li>7. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results;</li> <li>8. If exceedance stops, cease additional monitoring.</li> </ol>	<ol style="list-style-type: none"> <li>1. Discuss amongst ER, ET, and Contractor on the potential remedial actions;</li> <li>2. Review Contractor's remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly;</li> <li>3. Supervise the implementation of remedial measures.</li> </ol>	<ol style="list-style-type: none"> <li>1. Confirm receipt of notification of failure in writing;</li> <li>2. Notify Contractor;</li> <li>3. In consultation with the IEC, agree with the Contractor on the remedial measures to be implemented;</li> <li>4. Ensure remedial measures properly implemented;</li> <li>5. If exceedance continues, consider what portion of the work is responsible and instruct the Contractor to stop that portion of work until the exceedance is abated.</li> </ol>	<ol style="list-style-type: none"> <li>1. Take immediate action to avoid further exceedance;</li> <li>2. Submit proposals for remedial actions to IEC within 3 working days of notification;</li> <li>3. Implement the agreed proposals;</li> <li>4. Resubmit proposals if problem still not under control;</li> <li>5. Stop the relevant portion of works as determined by the ER until the exceedance is abated.</li> </ol>

### 3 NOISE

#### 3.1 MONITORING REQUIREMENT

According to the Updated EM&A Manual <sup>(1)</sup> of the Project, baseline noise monitoring shall be carried out at the monitoring locations for a period of at least two weeks in a sample period interval of 5 minutes or 30 minutes between 0700 and 1900, and 5 minutes between 1900 and 0700. The noise levels shall be measured in terms of A-weighted levels  $L_{eq}$ ,  $L_{10}$  and  $L_{90}$ . 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 meter used also complied with International Electrotechnical Commission Publications 651:1979 (Type 1) and 804:1985 (Type 1) specifications. The noise monitoring equipment used is presented in *Table 3.1* and copies of the calibration certificates for the sound level meter and calibrator are presented in *Annex B1*.

**Table 3.1** *Noise Monitoring Equipment*

Equipment	Monitoring Station	Model
Sound Level Meter	NMS-CA-1A	Rion NL-31 (S/N: 00603867)
	NMS-CA-2A	Rion NL-52 (S/N: 00331805)
	NMS-CA-3	Rion NL-52 (S/N: 00131627)
	NMS-CA-4	Rion NL-52 (S/N: 01010406)
Calibrator	All Station	LARSON DAVIS CAL200 (S/N: 11334)

#### 3.3 MONITORING LOCATIONS

Baseline noise monitoring for the Project was conducted at four (4) monitoring stations around the Project area (ie NMS-CA-1A, NMS-CA-2A, NMS-CA-3 and NMS-CA-4). Locations of the four monitoring stations are shown in *Figure 3.1*.

#### 3.4 MONITORING PARAMETERS, FREQUENCY AND DURATION

In accordance with the Updated EM&A Manual, baseline noise for the A-weighted levels  $L_{eq}$ ,  $L_{10}$  and  $L_{90}$  was recorded. The frequency and parameters of noise measurement are presented in *Table 3.2*.

(1) ERM (2018). *Op cit.*

**Legend**

- Proposed Area for Tung Chung New Town Extension (East)
- Tuen Mun – Chek Lap Kok Link (TM-CLKL)
- Airborne Noise Monitoring Station

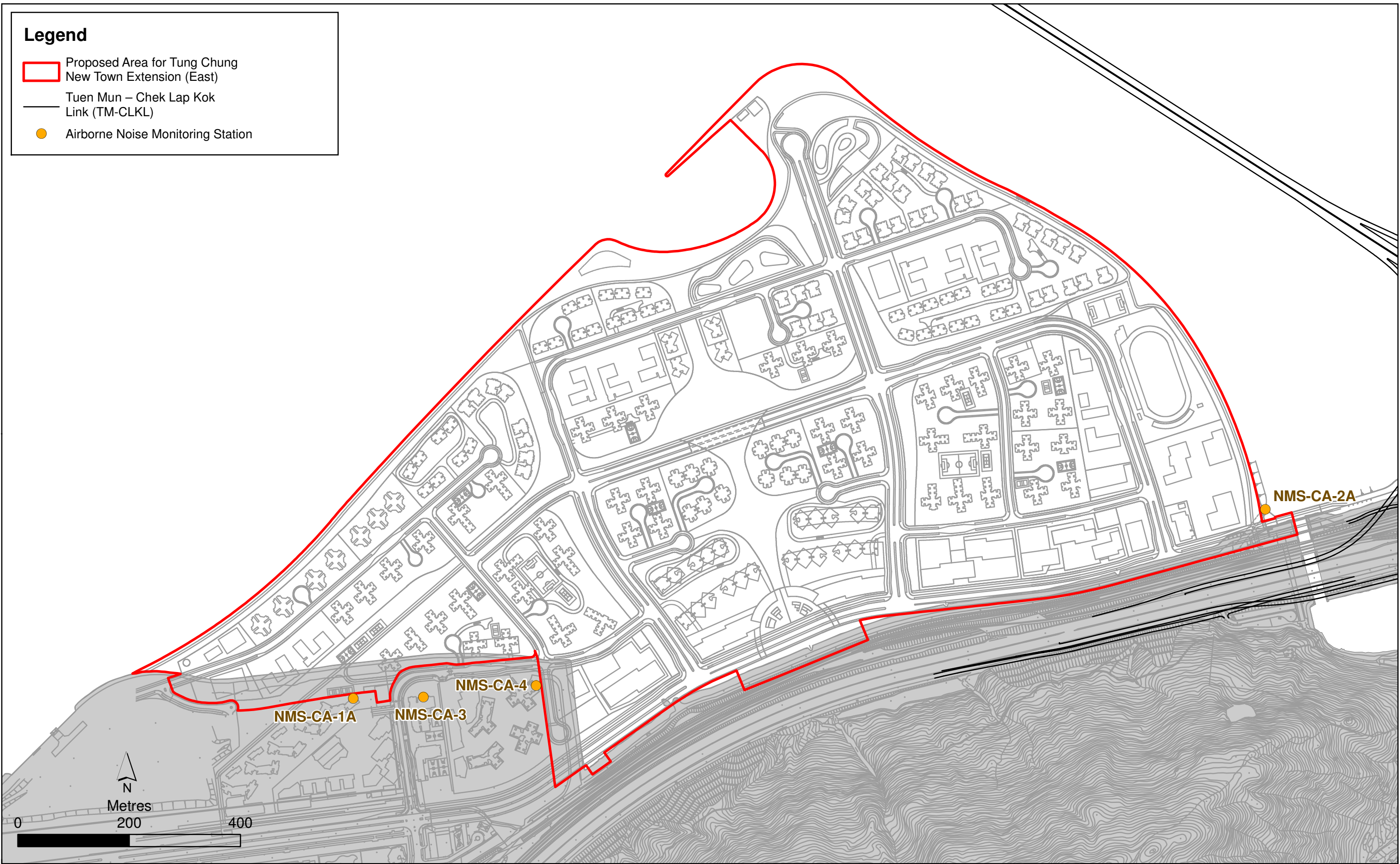


Figure 3.1

**Baseline Airborne Noise Monitoring Station Locations**

File: T:\GIS\CONTRACT\0445700\mxd\0445700\_Construction\_Airborne\_Noise\_MS\_outside\_site.mxd  
Date: 21/3/2018

**Environmental  
Resources  
Management**



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

<b>Monitoring Station</b>	<b>Location for Measurement</b>	<b>Time Period</b>	<b>Duration, min</b>	<b>Parameter</b>
NMS-CA-1A	Residential premise near Tung Chung East	Daytime on normal weekdays (0700-1900 hrs) for 2 weeks	30 min	$L_{eq}$ , $L_{10}$ & $L_{90}$
NMS-CA-2A	Pak Mong Pier	Evening and Night time on all days (1900-0700 hrs) and daytime during public holidays (including Sundays) (0700-1900 hrs) for 2 weeks	5min	
NMS-CA-3	School in the reclamation area next to Tung Chung East			
NMS-CA-4	Residential premise in the reclamation area next to Tung Chung East			

Remark: (1) Alternative Monitoring Station proposed in the Updated EM&A Manual

### 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 NMS-CA-1A, NMS-CA-2A, NMS-CA-3 and NMS-CA-4. 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 ( $L_{eq(30-min)}$  would be determined for daytime noise by calculating the logarithmic average of six  $L_{eq(5min)}$  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.

### 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 four (4) monitoring stations (NMS-CA-1A, NMS-CA-2A, NMS-CA-3 and NMS-CA-4) between 4 and 18 May 2018.

The baseline noise monitoring results are summarized in *Tables 3.3 to 3.5*. All baseline noise monitoring results are presented in *Annex B2*. Graphical presentations of the data are provided in *Annex B3*. The weather was generally sunny and cloudy during the baseline monitoring period. Road traffic, aircraft, train, renovation at Ying Tung Estate 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 (0700-1900 hours; Normal Weekdays)**

Normal Working Hours (0700-1900 hours; Normal Weekdays)	Measured Noise Level $L_{eq(30\ min)}$ dB(A)		
	Average	Min	Max
NMS-CA-1A	63.2	56.4	68.4
NMS-CA-2A	64.6	59.9	70.9
NMS-CA-3	67.4	60.2	83.7
NMS-CA-4	67.9	53.2	83.7

**Table 3.4** *Summary of Noise Monitoring Results during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)*

Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)	Measured Noise Level $L_{eq}$ (5 min), dB(A)		
	Average	Min	Max
NMS-CA-1A	62.3	50.4	72.4
NMS-CA-2A	63.8	54.1	71.6
NMS-CA-3	65.0	52.3	76.8
NMS-CA-4	61.3	50.9	76.2

**Table 3.5** *Summary of Noise Monitoring Results during Night-time (2300-0700 hours)*

Night-time (2300-0700 hours)	Measured Noise Level $L_{eq}$ (5 min), dB(A)		
	Average	Min	Max
NMS-CA-1A	62.1	44.1	83.2
NMS-CA-2A	62.4	48.5	79.7
NMS-CA-3	63.6	45.8	82.1
NMS-CA-4	63.2	45.1	84.3

### 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	Limit Level
0700 - 1900 hours on normal weekdays	When one documented complaint is received	75 dB(A) *

Notes:

If works are to be carried out during restricted hours, the conditions stipulated in the construction noise permit issued by the Noise Control Authority have to be followed.

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

### 3.9 EVENT AND ACTION PLAN

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

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

Event	Action			
	ET	IEC	ER	Contractor
Action Level Exceedance	<ol style="list-style-type: none"> <li>1. Notify IEC, ER and Contractor;</li> <li>2. Carry out investigation;</li> <li>3. Report the results of investigation to the IEC, ER and Contractor;</li> <li>4. Discuss with the Contractor and formulate remedial measures;</li> <li>5. Increase monitoring frequency to check mitigation effectiveness.</li> </ol>	<ol style="list-style-type: none"> <li>1. Review the analysed results submitted by the ET;</li> <li>2. Review the proposed remedial measures by the Contractor and advise the ER accordingly;</li> <li>3. Supervise the implementation of remedial measures.</li> </ol>	<ol style="list-style-type: none"> <li>1. Confirm receipt of notification of failure in writing;</li> <li>2. Notify Contractor;</li> <li>3. Require Contractor to propose remedial measures for the analysed noise problem;</li> <li>4. Ensure remedial measures are properly implemented</li> </ol>	<ol style="list-style-type: none"> <li>1. Submit noise mitigation proposals to IEC and ER;</li> <li>2. Implement noise mitigation proposals.</li> </ol>
Limit Level Exceedance	<ol style="list-style-type: none"> <li>1. Identify source;</li> <li>2. Inform IEC, ER, EPD and Contractor;</li> <li>3. Repeat measurements to confirm findings;</li> <li>4. Increase monitoring frequency;</li> <li>5. Carry out analysis of Contractor's working procedures to determine possible mitigation to be implemented;</li> <li>6. Inform IEC, ER and EPD the causes and actions taken for the exceedances;</li> <li>7. Assess effectiveness of Contractor's remedial actions and keep IEC, EPD and ER informed of the results;</li> <li>8. If exceedance stops, cease additional monitoring.</li> </ol>	<ol style="list-style-type: none"> <li>1. Discuss amongst ER, ET, and Contractor on the potential remedial actions;</li> <li>2. Review Contractors remedial actions whenever necessary to assure their effectiveness and advise the ER accordingly;</li> <li>3. Supervise the implementation of remedial measures.</li> </ol>	<ol style="list-style-type: none"> <li>1. Confirm receipt of notification of failure in writing;</li> <li>2. Notify Contractor;</li> <li>3. Require Contractor to propose remedial measures for the analysed noise problem;</li> <li>4. Ensure remedial measures properly implemented;</li> <li>5. If exceedance continues, consider what portion of the work is responsible and instruct the Contractor to stop that portion of work until the exceedance is abated.</li> </ol>	<ol style="list-style-type: none"> <li>1. Take immediate action to avoid further exceedance;</li> <li>2. Submit proposals for remedial actions to IEC within 3 working days of notification;</li> <li>3. Implement the agreed proposals;</li> <li>4. Resubmit proposals if problem still not under control;</li> <li>5. Stop the relevant portion of works as determined by the ER until the exceedance is abated.</li> </ol>



## 4 WATER QUALITY

### 4.1 MONITORING REQUIREMENT

According to the Updated EM&A Manual <sup>(1)</sup> of the Project, baseline water quality monitoring shall be carried out three (3) times per week for at least 4 weeks prior to the commencement of construction works of the Project. The measurement should be taken at all designated monitoring stations for the Project, including control stations, at mid-flood and mid-ebb tides. Further details of the baseline water quality monitoring under this Project are presented in the following sections.

### 4.2 MONITORING LOCATIONS

Baseline water quality monitoring was conducted at seven (7) monitoring stations under the Project. Coordinates of the monitoring stations are summarized in *Table 4.1*. Locations of the monitoring stations are shown in *Figure 4.1*.

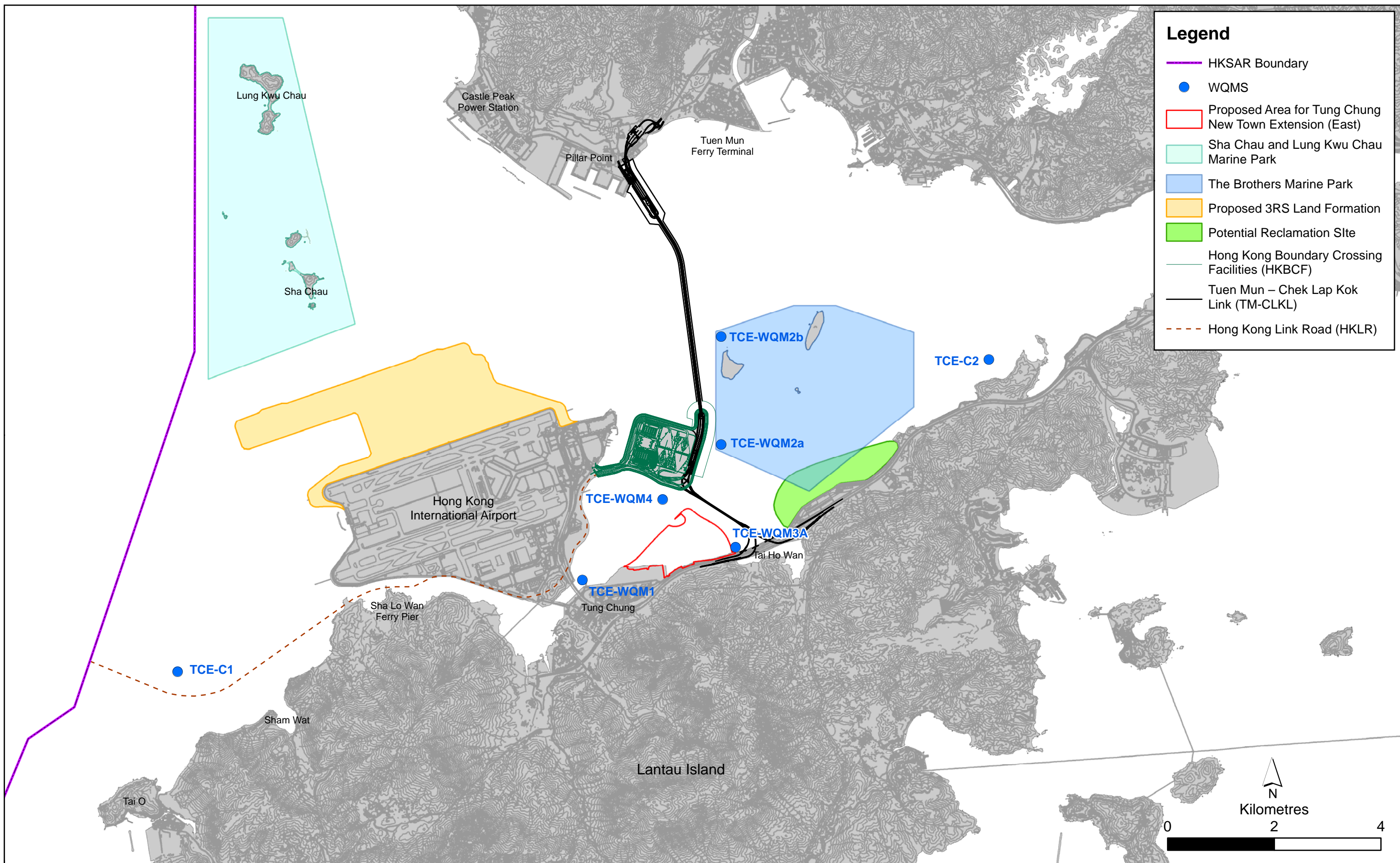
*Table 4.1 Marine Water Quality Monitoring Locations*

Monitoring Stations	Description	Coordinates	
		Easting	Northing
TCE-WQM1	Near Airport Channel	811838	817341
TCE-WQM2a	Marine Park 1	814439	819879
TCE-WQM2b	Marine Park 2	814439	821905
TCE-WQM3A	Outlet of Tai Ho Wan	814705	817859
TCE-WQM4	HKBCF	813344	818849
TCE-C1	Control Station - Outside Airport Channel	804247	815620
TCE-C2	Control Station - Sunny Bay	819460	821473

### 4.3 MONITORING PARAMETERS AND FREQUENCY

*Table 4.2* summarizes the monitoring parameters, monitoring period and frequencies of the water quality monitoring.

(1) ERM (2018). *Op cit.*



**Table 4.2 Water Quality Monitoring Parameters and Frequency**

Monitoring Stations	Parameters (Unit)	Depth	Frequency and Replication
TCE-WQM1	• Dissolved Oxygen (DO) (mg/L and % saturation)	3 water depths: 1 m	Baseline monitoring: 3 days per week, at mid-flood and mid-ebb tides, for 4 weeks prior to the commencement of construction work.
TCE-WQM2a		below sea surface,	
TCE-WQM2b		mid-depth and 1 m	
TCE-WQM3A <sup>(1)</sup>	• Temperature (°C)	above seabed.	
TCE-WQM4	• Turbidity (NTU)		
TCE-C1	• Salinity (ppt)	If the water depth is less than 3 m, mid-depth	
TCE-C2	• pH	sampling only.	
	• Water depth (m)		
	• Suspended Solid (SS) (mg/L)	If water depth less than 6 m, mid-depth may be omitted.	Two (2) replicate <i>in-situ</i> measurements and water samples.

Remark: (1) Alternative Monitoring Station proposed in the Updated EM&A Manual

In addition to the parameters presented in *Table 4.2*, other relevant data shall also be recorded, including monitoring location / position, time, water depth, tidal stages, weather conditions and any special phenomena or work underway at the construction site.

#### 4.4 MONITORING METHODOLOGY

##### 4.4.1 Instrumentation

*Table 4.3* summarizes the equipment used in the baseline water quality monitoring works. All the monitoring equipment complied with the requirements set out in the Updated EM&A Manual. Copies of the calibration certificates are attached in *Annex C1*.

**Table 4.3 Water Quality Monitoring Equipment**

Equipment	Model
Water Sampler	Kahlsico Water Samplers
Multi-parameter Water Quality System (measurement of DO, Temperature, Turbidity, Salinity and pH)	YSI ProDSS (S/N: 15M100005; S/N: 16H104233; S/N: 16H104234; S/N: 17E100747; S/N: 17H105557) YSI 6920 v2 (S/N: 0001C6A7; S/N: 000109DF)

Note 1: Two of the multi-parameter water quality systems were used at each monitoring station during each survey day.

##### 4.4.2 Operating/Analytical Procedures

At each sampling depth, two consecutive measurements of DO level, DO Saturation, Temperature, Turbidity, Salinity and pH were taken using two independent multi-parameter water quality systems. Where the difference in the value between the first and second readings of each set was more than 25% of the value of the first reading, the reading was discarded and further readings were taken. Two samples were collected for laboratory analysis of SS content. Following collection, water samples for laboratory analysis were

stored in high density polythene bottles (1L) with no preservatives added, 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 reporting limit.

#### 4.4.3 *Laboratory Analytical Methods*

The testing of SS 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 reporting limit are provided in *Table 4.4*.

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

Parameter	Analytical Method	Reporting Limit
Suspended Solids (SS)	APHA 17e 2540D	0.5 mg/L

### 4.5 *QA/QC REQUIREMENTS*

#### 4.5.1 *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 water quality monitoring programme.

Responses of sensors and electrodes were checked with certified standard solutions before each use. Wet bulb calibration for a DO meter was carried out before measurement at each monitoring event.

For the on-site calibration of field equipment (Multi-parameter Water Quality System), the BS 1427:2009, "Guide to on-site test methods for the analysis of waters" was observed.

Sufficient stocks of spare parts were maintained for replacements when necessary. Backup monitoring equipment was also being made available so that monitoring can proceed uninterrupted even when some equipment was under maintenance, calibration, etc.

#### 4.5.2 *Decontamination Procedures*

Water sampling equipment used during the course of the monitoring programme was decontaminated by manual washing and rinsed clean seawater/distilled water after each sampling event. All disposable equipment was discarded after sampling.

#### 4.5.3 *Sampling Management and Supervision*

All sampling bottles were labeled with the sample ID (including the indication of sampling station and tidal stage e.g. TCE-C1\_ME\_S\_R1), 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.

#### 4.5.4 *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 set of quality control (QC) samples (including method QC and sample duplicate).

#### 4.6 *BASELINE MONITORING RESULTS*

Baseline water quality monitoring was conducted at seven (7) monitoring stations (TCE-C1, TCE-C2, TCE-WQM1, TCE-WQM2a, TCE-WQM2b, TCE-WQM3A and TCE-WQM4) between 25 April and 21 May 2018. The detailed monitoring schedule is shown in *Annex C2*. The monitoring results at each monitoring station are shown in *Annex C3*. Graphical presentation of water quality (DO, Turbidity and SS) at the monitoring stations is given in *Annex C4*.

During the baseline monitoring period, no marine construction works were observed in the vicinity of all monitoring stations. The baseline monitoring results are thus considered representative of the ambient water quality of the Project area during the season.

#### 4.7 *ACTION AND LIMIT LEVELS*

The Action and Limit Levels for DO, Turbidity and SS are determined in accordance with requirements set out in the Updated EM&A Manual which are summarized in *Table 4.5*.

**Table 4.5 Action and Limit Levels for Water Quality**

<b>Parameters</b>	<b>Action Level</b>	<b>Limit Level</b>
DO in mg/L (Surface, Middle & Bottom)	<u>Surface and Middle</u> 5 percentile of baseline data <sup>[1]</sup>	<u>Surface and Middle</u> 4 mg/L or 1 percentile of baseline data <sup>[1]</sup>
	<u>Bottom</u> 5 percentile of baseline data	<u>Bottom</u> 2 mg/L or 1 percentile of baseline data
SS in mg/L (Depth-averaged)	95 percentile of baseline data or 120% of upstream control station at the same tide of the same day, whichever is higher. <sup>[2]</sup>	99 percentile of baseline data or 130% of upstream control station at the same tide of the same day, whichever is higher. <sup>[2]</sup>
Turbidity in NTU (Depth- averaged)	95 percentile of baseline data or 120% of upstream control station at the same tide of the same day, whichever is higher. <sup>[2]</sup>	99 percentile of baseline data or 130% of upstream control station at the same tide of the same day, whichever is higher. <sup>[2]</sup>

Notes:

- (1) For DO, non-compliance occurs when monitoring results is lower than the limits.
- (2) For SS and Turbidity, non-compliance occurs when monitoring results is larger than the limits

The calculated Action and Limit levels are shown in *Table 4.6*.

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

<b>Parameters</b>	<b>Action Level</b>	<b>Limit Level</b>
DO in mg/L (Surface, Middle & Bottom)	<u>Surface and Middle</u> 5.9 mg/L <sup>[1]</sup>	<u>Surface and Middle</u> 4 mg/L <sup>[1]</sup>
	<u>Bottom</u> 5.6 mg/L	<u>Bottom</u> 2 mg/L
SS in mg/L (Depth-averaged)	13.5 mg/L or 120% of upstream control station at the same tide of the same day, whichever is higher. <sup>[2]</sup>	23.5 mg/L or 130% of upstream control station at the same tide of the same day, whichever is higher. <sup>[2]</sup>
Turbidity in NTU (Depth- averaged)	17.1 NTU or 120% of upstream control station at the same tide of the same day, whichever is higher. <sup>[2]</sup>	23.5 NTU or 130% of upstream control station at the same tide of the same day, whichever is higher. <sup>[2]</sup>

Notes:

- (1) For DO, non-compliance occurs when monitoring results is lower than the limits.
- (2) For SS and Turbidity, non-compliance occurs when monitoring results is larger than the limits

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

**Table 4.7** *Event and Action Plan for Water Quality*

<b>Event</b>	<b>ET</b>	<b>IEC</b>	<b>Action ER</b>	<b>Contractor</b>
Action level exceedance for one sampling day	<ol style="list-style-type: none"> <li>1. Inform IEC, Contractor and ER;</li> <li>2. Check monitoring data, all plant, equipment and Contractor's working methods; and</li> <li>3. Discuss remedial measures with IEC and Contractor and ER.</li> </ol>	<ol style="list-style-type: none"> <li>1. Discuss with ET, ER and Contractor on the implemented mitigation measures;</li> <li>2. Review proposals on remedial measures submitted by Contractor and advise the ER accordingly; and</li> <li>3. Review and advise the ET and ER on the effectiveness of the implemented mitigation measures.</li> </ol>	<ol style="list-style-type: none"> <li>1. Discuss with IEC, ET and Contractor on the implemented mitigation measures;</li> <li>2. Make agreement on the remedial measures to be implemented;</li> <li>3. Supervise the implementation of agreed remedial measures.</li> </ol>	<ol style="list-style-type: none"> <li>1. Identify source(s) of impact;</li> <li>2. Inform the ER and confirm notification of the non-compliance in writing;</li> <li>3. Rectify unacceptable practice;</li> <li>4. Check all plant and equipment;</li> <li>5. Consider changes of working methods;</li> <li>6. Discuss with ER, ET and IEC and purpose remedial measures to IEC and ER; and</li> <li>7. Implement the agreed mitigation measures.</li> </ol>
Action level exceedance for more than one consecutive sampling days	<ol style="list-style-type: none"> <li>1. Repeat in-situ measurement on next day of exceedance to confirm findings;</li> <li>2. Inform IEC, contractor and ER;</li> <li>3. Check monitoring data, all plant, equipment and Contractor's working methods;</li> <li>4. Discuss remedial measures with IEC, contractor and ER</li> <li>5. Ensure remedial measures are implemented</li> </ol>	<ol style="list-style-type: none"> <li>1. Discuss with ET, Contractor and ER on the implemented mitigation measures;</li> <li>2. Review the proposed remedial measures submitted by Contractor and advise the ER accordingly; and</li> <li>3. Review and advise the ET and ER on the effectiveness of the implemented mitigation measures.</li> </ol>	<ol style="list-style-type: none"> <li>1. Discuss with ET, IEC and Contractor on the proposed mitigation measures;</li> <li>2. Make agreement on the remedial measures to be implemented ; and</li> <li>3. Discuss with ET, IEC and Contractor on the effectiveness of the implemented remedial measures.</li> </ol>	<ol style="list-style-type: none"> <li>1. Identify source(s) of impact;</li> <li>2. Inform the ER and confirm notification of the non-compliance in writing;</li> <li>3. Rectify unacceptable practice;</li> <li>4. Check all plant and equipment and consider changes of working methods;</li> <li>5. Discuss with ET, IEC and ER and submit proposal of remedial measures to ER and IEC within 3 working days of notification; and</li> <li>6. Implement the agreed mitigation measures.</li> </ol>



<b>Event</b>	<b>ET</b>	<b>IEC</b>	<b>Action ER</b>	<b>Contractor</b>
Limit level exceedance for one sampling day	<ol style="list-style-type: none"> <li>1. Repeat measurement on next day of exceedance to confirm findings;</li> <li>2. Inform IEC, contractor and ER;</li> <li>3. Rectify unacceptable practice;</li> <li>4. Check monitoring data, all plant, equipment and Contractor's working methods;</li> <li>5. Consider changes of working methods;</li> <li>6. Discuss mitigation measures with IEC, ER and Contractor; and</li> <li>7. Ensure the agreed remedial measures are implemented</li> </ol>	<ol style="list-style-type: none"> <li>1. Discuss with ET, Contractor and ER on the implemented mitigation measures;</li> <li>2. Review the proposed remedial measures submitted by Contractor and advise the ER accordingly; and</li> <li>3. Review and advise the ET and ER on the effectiveness of the implemented mitigation measures.</li> </ol>	<ol style="list-style-type: none"> <li>1. Discuss with ET, IEC and Contractor on the implemented remedial measures;</li> <li>2. Request Contractor to critically review the working methods;</li> <li>3. Make agreement on the remedial measures to be implemented; and</li> <li>4. Discuss with ET, IEC and Contractor on the effectiveness of the implemented remedial measures.</li> </ol>	<ol style="list-style-type: none"> <li>1. Identify source(s) of impact;</li> <li>2. Inform the ER and confirm notification of the non-compliance in writing;</li> <li>3. Rectify unacceptable practice;</li> <li>4. Check all plant and equipment and consider changes of working methods;</li> <li>5. Discuss with ET, IEC and ER and submit proposal of additional mitigation measures to ER and IEC within 3 working days of notification; and</li> <li>6. Implement the agreed remedial measures.</li> </ol>
Limit level exceedance for more than one consecutive sampling days	<ol style="list-style-type: none"> <li>1. Inform IEC, contractor and ER;</li> <li>2. Check monitoring data, all plant, equipment and Contractor's working methods;</li> <li>3. Discuss mitigation measures with IEC, ER and Contractor; and</li> <li>4. Ensure mitigation measures are implemented; and</li> <li>5. Increase the monitoring frequency to daily until no exceedance of Limit Level for two consecutive days</li> </ol>	<ol style="list-style-type: none"> <li>1. Discuss with ET, Contractor and ER on the implemented mitigation measures;</li> <li>2. Review the proposed remedial measures submitted by Contractor and advise the ER accordingly; and</li> <li>3. Review and advise the ET and ER on the effectiveness of the implemented mitigation measures.</li> </ol>	<ol style="list-style-type: none"> <li>1. Discuss with ET, IEC and Contractor on the implemented remedial measures;</li> <li>2. Request Contractor to critically review the working methods;</li> <li>3. Make agreement on the remedial measures to be implemented;</li> <li>4. Discuss with ET and IEC on the effectiveness of the implemented mitigation measures; and</li> <li>5. Consider and instruct, if necessary, the Contractor to slow down or to stop all or part of the dredging activities until no exceedance of Limit level.</li> </ol>	<ol style="list-style-type: none"> <li>1. Identify source(s) of impact;</li> <li>2. Inform the ER and confirm notification of the non-compliance in writing;</li> <li>3. Rectify unacceptable practice;</li> <li>4. Check all plant and equipment and consider changes of working methods;</li> <li>5. Discuss with ET, IEC and ER and submit proposal of additional mitigation measures to ER and IEC within 3 working days of notification; and</li> <li>6. Implement the agreed remedial measures.</li> <li>7. As directed by the ER, to slow down or stop all or part of the dredging activities until no exceedance of Limit level.</li> </ol>

## 5 LANDSCAPE AND VISUAL

### 5.1 MONITORING REQUIREMENT

According to the Updated EM&A Manual <sup>(1)</sup> of the Project, the landscape and visual baseline will be determined with reference to the habitat maps included in the EIA Report and detailed tree survey to be completed before the works can commence as well as preliminary site conditions verification surveys. Given the majority of the Project area at TCE is marine water which will be reclaimed during the Project construction, limited number of trees will be affected by the Project and thus detailed tree survey was not undertaken as part of the landscape and visual baseline. It is considered that site conditions verification surveys would be sufficient to represent the updated landscape and visual baseline for the Project. The surveys were conducted in May 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 May 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 11.2a-al and Figure 11.3a-ac of the approved EIA Report) were revisited as far as practicable to verify if there is any major change of landscape baseline with reference to the approved EIA Report.

In addition, the visual sensitive receivers (VSRs) of the Project identified in the approved EIA Report (Figure 11.4a-aa of the approved EIA Report) were revisited as far as practicable to verify if there is any major change of visual baseline with reference to the approved EIA Report.

### 5.3 MONITORING RESULTS

#### 5.3.1 Landscape Resources (LRs)

The identified LR during the EIA stage include the followings and the detailed descriptions of the LR were presented in the approved EIA Report:

- LR1 – Secondary Woodland
- LR2 – Shrubland and Grassland
- LR3 – Transitional Waters
- LR4 – Coastal Waters

(1) ERM (2018). *Op cit.*

- LR5 – Watercourses
- LR6 – Natural Shoreline
- LR7 – Roads, Urban Infrastructure and Major Transport Corridor
- LR8 – Village Type Development
- LR9 – Urbanised Area
- LR10 – Agricultural Land
- LR11 – Plantation
- LR12 – Mangroves
- LR13 – Fung Shui Woodland
- LR14 – Reedbed
- LR15 – Artificial Seawall

The site conditions verification surveys were conducted in May 2018 and these LRs were revisited as far as practicable <sup>(1)</sup>. The updated baseline conditions of the LRs are presented in *Figure 5.1a-d*. During the site conditions verification surveys, no major change of landscape resource / element was identified.

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

The identified LCAs during the EIA stage include the followings and the detailed descriptions of the LCAs were presented in the approved EIA Report:

LCA1 – Inshore Water Landscape

LCA2 – Strait Landscape

LCA3 – Inter-tidal Coast Landscape

LCA4 – Coastal Upland and Hillside Landscape

LCA5 – Settled Valley Landscape

LCA6 – Upland Hillside Landscape

LCA7 – Reclamation / Ongoing Major Development Landscape

LCA8 – Transportation Corridor Landscape

LCA9 – Mixed Modern Comprehensive Urban Development Landscape

(1) LR12 (Fung Shui Woodland) was not revisited during the site conditions verification surveys as it is relevant to TCW, which will be verified separately prior to the construction of TCW.



LR1 Woodland near Tai Ho Wan



LR1 Woodland near Kei Tau Kok



LR1 Woodland along Yu Tung Road



LR2 Shrubland & Grassland near Tai Ho Wan and Siu Ho Wan



LR2 Shrubland & Grassland near North Lantau Highway



LR3 Transitional Waters

Figure 5.1a

Landscape Resources

Date: May 2018

Environmental  
Resources  
Management





LR4 Coastal Waters



LR5 Channelized Watercourse



LR5 Channelized Watercourse



LR5 Natural Streams and Rivers



LR6 Mudflat



LR6 Mudflat

Figure 5.1b

Date: May 2018

Landscape Resources

Environmental  
Resources  
Management





LR6 Rocky Shore



LR7 Road and Urban Infrastructure



LR7 Major Transportation Corridor



LR8 Village Development



LR9 Urban Development



LR10 Agricultural Land

Figure 5.1c

Date: May 2018

Landscape Resources

Environmental  
Resources  
Management





LR10 Agriculture Land



LR10 Agriculture Land



LR11 Plantation



LR13 Mangrove



LR14 Reedbed



LR15 Artificial Seawall

Figure 5.1d

Date: May 2018

Landscape Resources

Environmental  
Resources  
Management



LCA10 - Urban Peripheral Village and Rural Fringe Landscape

LCA11 - Airport Landscape

LCA12 - Institutional Landscape

LCA13-Residential Urban Landscape

The site conditions verification surveys were conducted in May 2018 and these LCAs were revisited as far as practicable <sup>(1)</sup>. The updated baseline conditions of the LCAs are presented in *Figure 5.2a-b*. During the site conditions verification surveys, no major change of landscape character area / element was identified.

### 5.3.3 *Visual Sensitive Receivers (VSRs)*

The updated views of the VSRs for the Project were taken from the same viewpoints, or nearby locations with similar views, as presented in the approved EIA Report on 15, 16, 17 and 19 May 2018. Locations of these viewpoints are shown in *Figure 5.3* <sup>(2)</sup>. The photographs showing the baseline condition as of August 2015 presented in the approved EIA Report and the updated baseline condition are presented in *Figures 5.4a to 5.4u* for comparison.

In general, the observed change of the baseline conditions when compared with those presented in the approved EIA Report are considered minor and do not significantly alter the overall landscape and visual baseline condition as illustrated in *Figures 5.4a to 5.4u*. Therefore, the assessment results of 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.

The major differences between the baseline during the EIA stage and the updated baseline as observed in May 2018 are described below:

#### *Southern Connection of Tuen Mun-Chek Lap Kok Link*

During the EIA stage, it was assumed that the key construction elements (e.g. marine works) for the southern and northern connection of the Tuen Mun-Chek Lap Kok Link (TMCLKL) would be substantially completed by end of Year 2016. The updated baseline in May 2018 showed that the majority of the viaduct section has been built, which is in line with the prediction as presented in the approved EIA Report. As such, it does not affect the

(1) LCA5 (Settled Valley Landscape), LCA6 (Upland and Hillside Landscape), LCA11 (Airport Landscape) and LCA12 (Institutional Landscape) were not revisited during the site conditions verification surveys as it is relevant to TCW, which will be verified separately prior to the construction of TCW.

(2) VSR6-11, VSR13-17, VSR19, VSR21-25, VSR30-32, VSR34, VSR38-39 and VSR44 were not revisited during the site conditions verification surveys as it is relevant to TCW, which will be verified separately prior to the construction of TCW.





LCA1 Inshore Water Landscape



LCA2 Strait Landscape



LCA3 Intertidal Coast Landscape



LCA4 Coastal Upland and Hillside Landscape



LCA7 Ongoing Major Development Landscape



LCA8 Transportation Corridor Landscape

Figure 5.2a

Landscape Character Areas

Date: May 2018

Environmental  
Resources  
Management





LCA9 Mixed Modern Comprehensive Urban Development Landscape



LCA10 Urban Peripheral Village Landscape



LCA13 Residential Urban Landscape

Figure 5.2b

Date: May 2018

Landscape Character Areas

Environmental  
Resources  
Management



# Legend

- ▲ VSR
- ▭ Proposed Area for Tung Chung New Town Extension (East)
- ▭ Works Area for Road P1 (Tung Chung - Tai Ho Section)
- Proposed Flushing Water Main
- Proposed Drainage

VSR	Location
1	Near Asia World Expo
2	East Coast Road
3	Near CNAC (Group) Tower
4	Near Sitting Out Area
5	Scenic Hill East
12	Near Ying Hei Road
18	Bus Station near Fu Tung Street
20	Ngong Ping 360 Rescue Trail
26	Tung Chung Ferry Pier
27	Near Yi Tung Road
28	Near Tung Chung North Waterfront
29	Near Tai Ho
33	Ngong Ping 360 Cable Car - Northeast to South
35	Open Sea East to Chek Lap Kok
36	North Lantau Expressway
37	Siu Ho Wan
40	Yuen Mun South Coast
41	Along Tuen Mun Road and Castle Peak Road
42	Tai Lam Country Park
43	HKBCF
45	TMCLKL

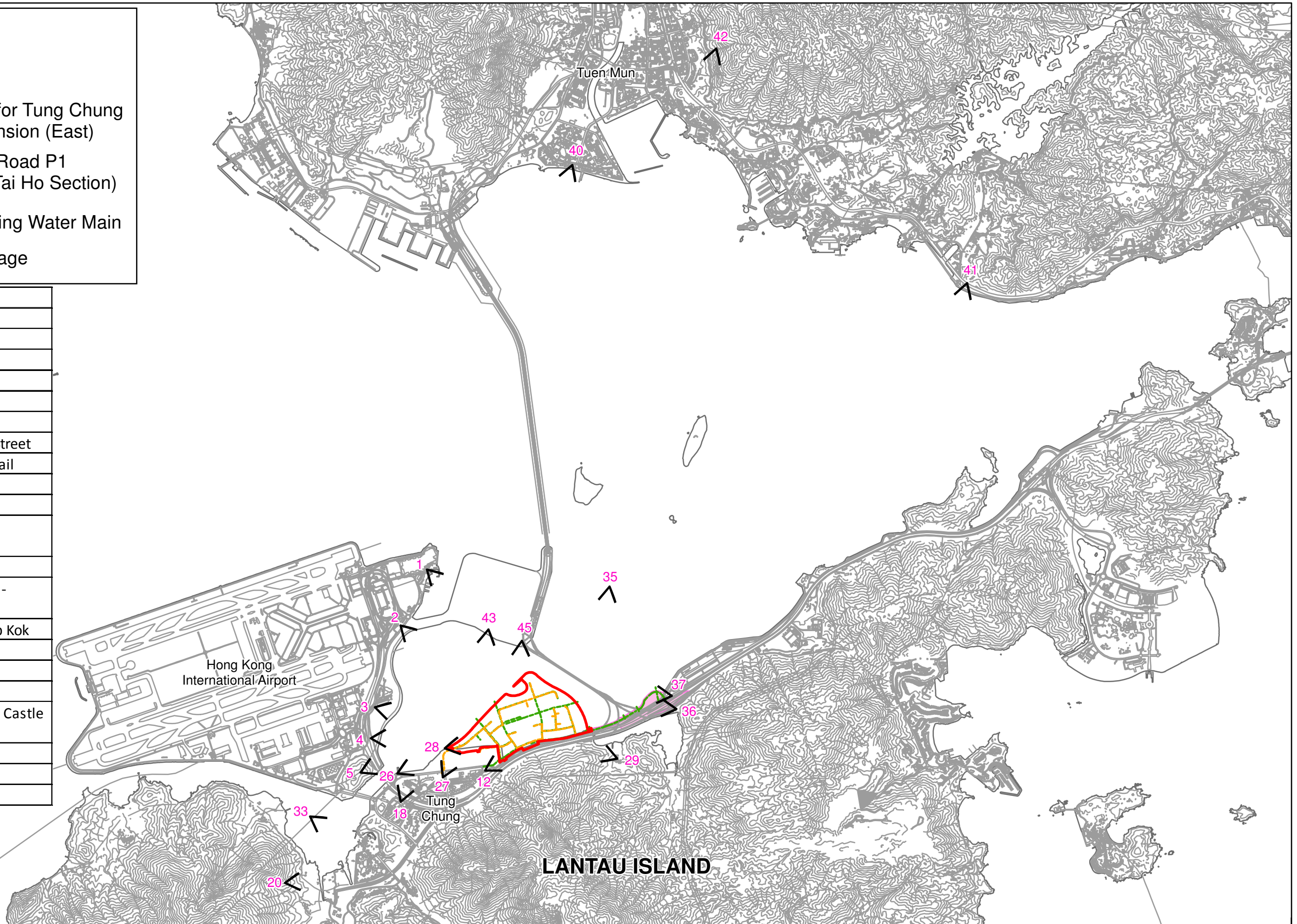
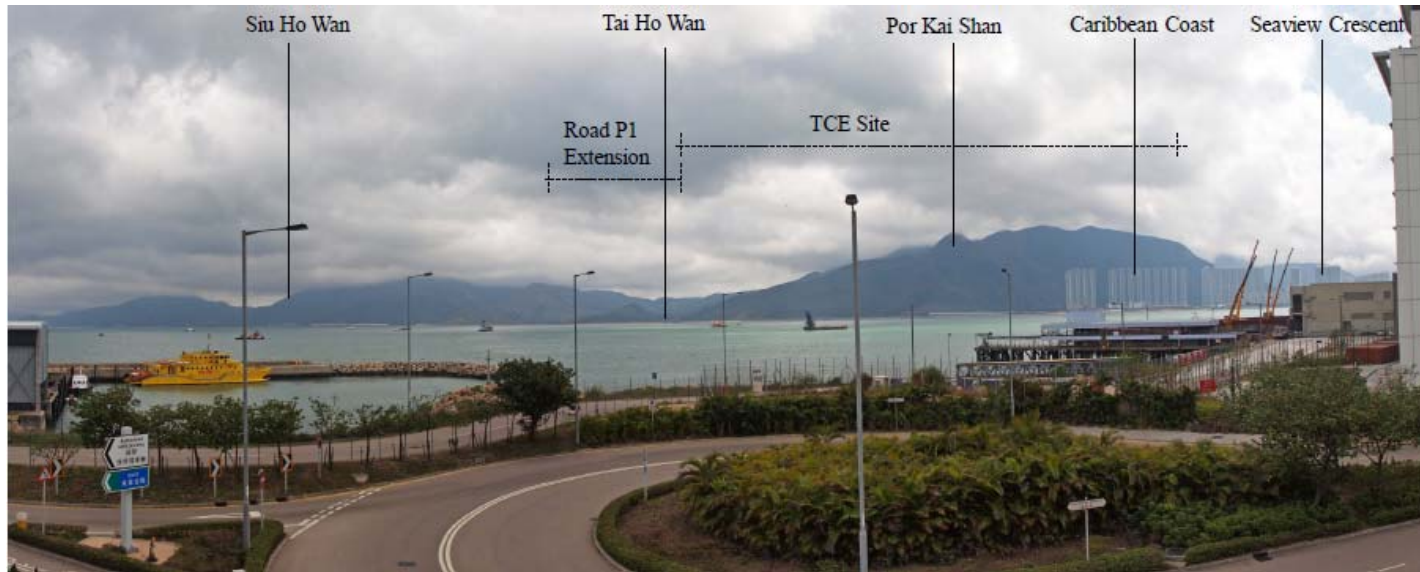


Figure 5.3

## Visual Envelope Plan



(a) Picture extracted from the approved EIA Report (AEIAR-196/2016)



(b) Picture taken in May 2018 during Landscape and Visual Baseline Monitoring

Figure 5.4a

Visual Sensitive Receiver  
VSR1: Near Asia World Expo

Date: May 2018

Environmental  
Resources  
Management





(a) Picture extracted from the approved EIA Report (AEIAR-196/2016)



(b) Picture taken in May 2018 during Landscape and Visual Baseline Monitoring

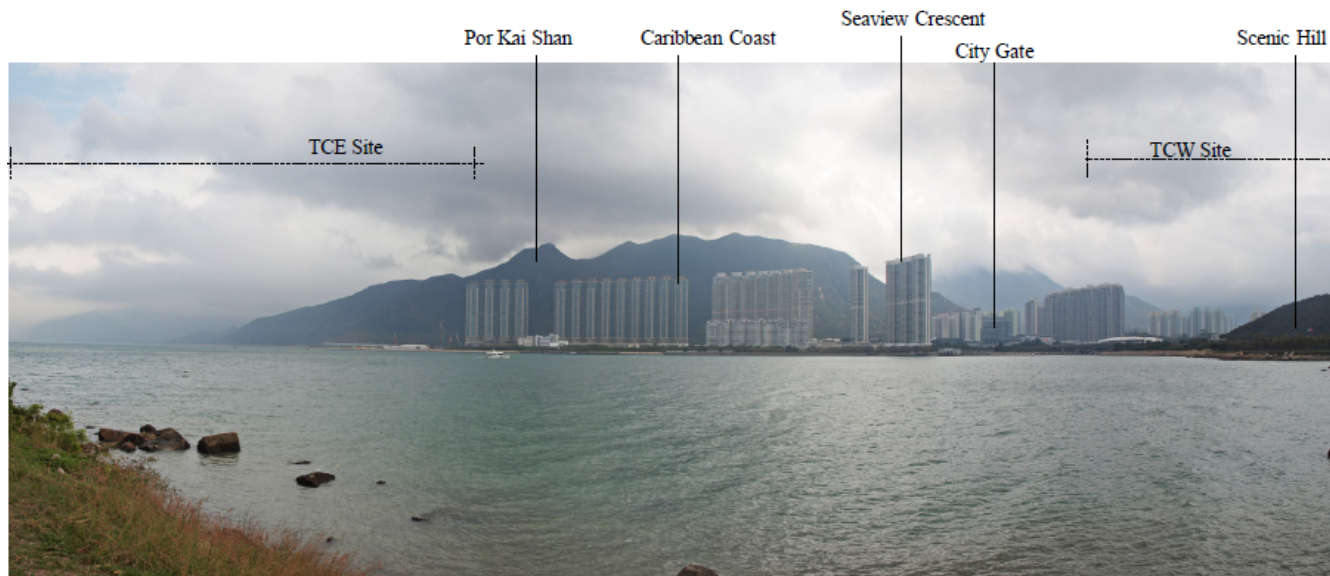
Figure 5.4b

Visual Sensitive Receiver  
VSR2: East Coast Road

Date: May 2018

Environmental  
Resources  
Management





(a) Picture extracted from the approved EIA Report (AEIAR-196/2016)



(b) Picture taken in May 2018 during Landscape and Visual Baseline Monitoring

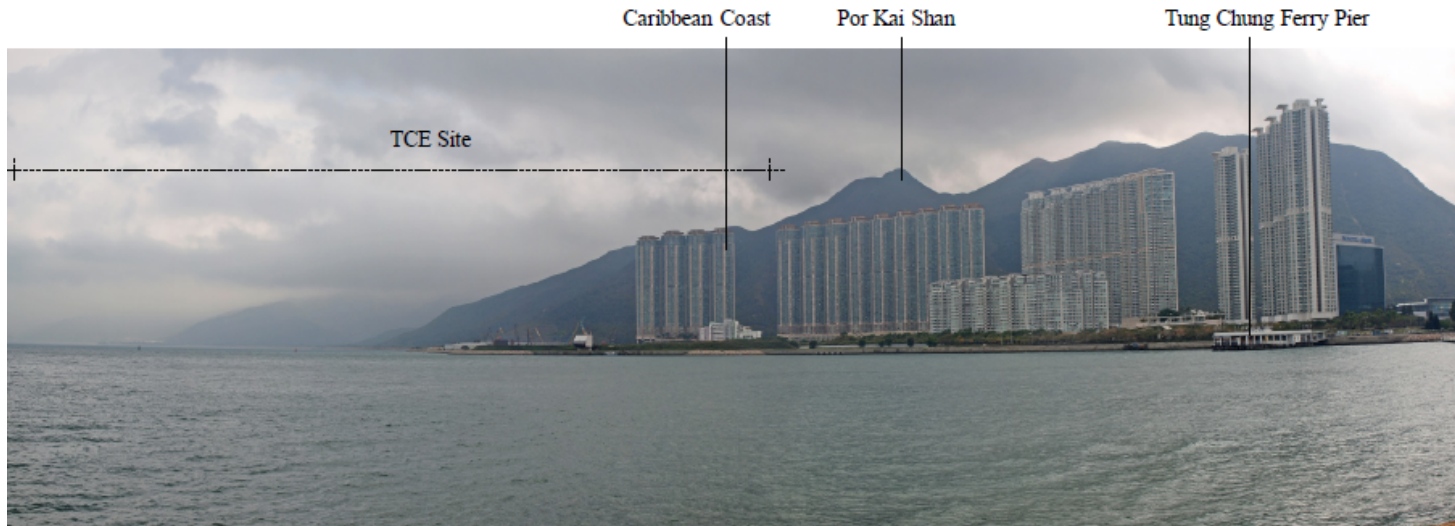
Figure 5.4c

Visual Sensitive Receiver  
VSR3: Near CNAC (Group) Tower

Date: May 2018

Environmental  
Resources  
Management





(a) Picture extracted from the approved EIA Report (AEIAR-196/2016)



(b) Picture taken in May 2018 during Landscape and Visual Baseline Monitoring

Figure 5.4d

Visual Sensitive Receiver  
VSR4: Near Sitting Out Area

Date: May 2018

Environmental  
Resources  
Management





(a) Picture extracted from the approved EIA Report (AEIAR-196/2016)



(b) Picture taken in May 2018 during Landscape and Visual Baseline Monitoring

Figure 5.4e

Visual Sensitive Receiver  
VSR5: Scenic Hill East

Date: May 2018

Environmental  
Resources  
Management





Caribbean Coast

The Visionary (Under Construction)

Hei Tung Street



(a) Picture extracted from the approved EIA Report (AEIAR-196/2016)



(b) Picture taken in May 2018 during Landscape and Visual Baseline Monitoring

Figure 5.4f

Visual Sensitive Receiver  
VSR12: Near Ying Hei Road

Date: May 2018

Environmental  
Resources  
Management





(a) Picture extracted from the approved EIA Report (AEIAR-196/2016)



(b) Picture taken in May 2018 during Landscape and Visual Baseline Monitoring

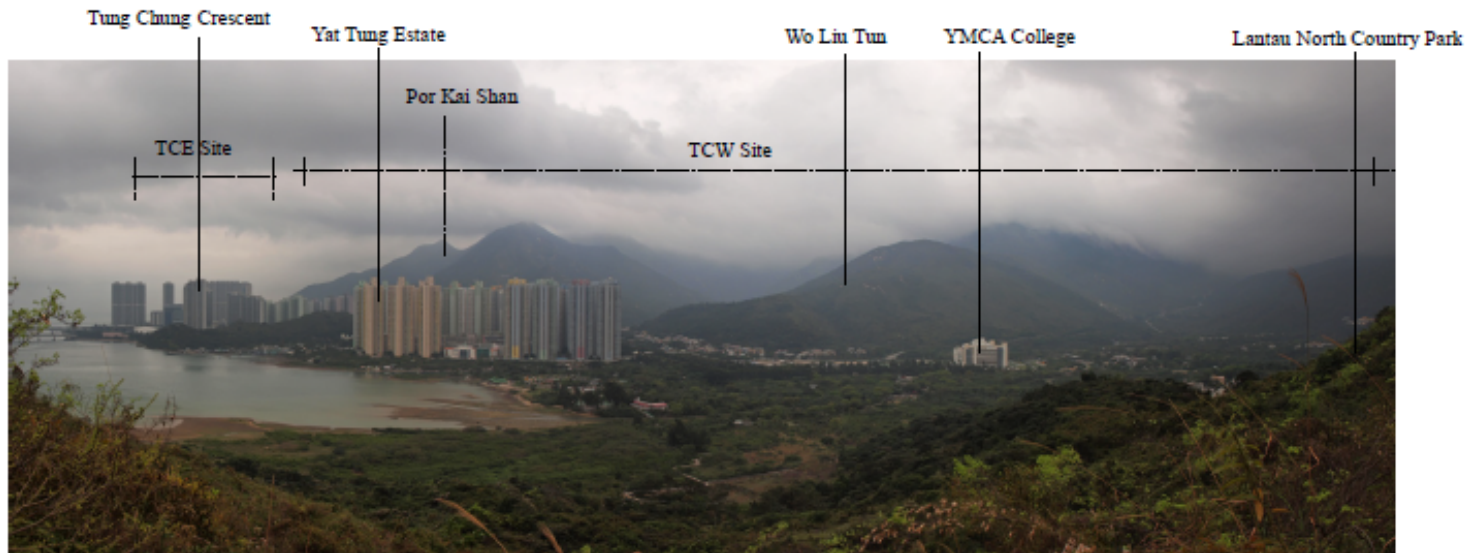
Figure 5.4g

Visual Sensitive Receiver  
VSR18: Bus Station Near Fu Tung Street

Date: May 2018

Environmental  
Resources  
Management





(a) Picture extracted from the approved EIA Report (AEIAR-196/2016)



(b) Picture taken in May 2018 during Landscape and Visual Baseline Monitoring

Figure 5.4h

Visual Sensitive Receiver  
VSR20: Ngong Ping 360 Rescue Trail

Date: May 2018

Environmental  
Resources  
Management





(a) Picture extracted from the approved EIA Report (AEIAR-196/2016)



(b) Picture taken in May 2018 during Landscape and Visual Baseline Monitoring

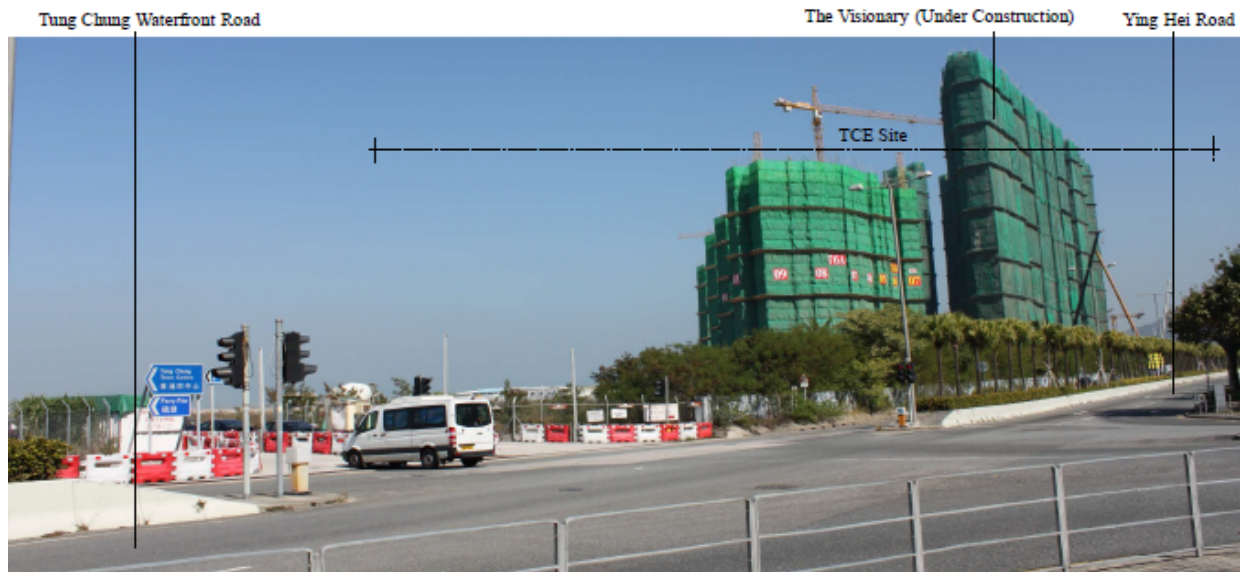
Figure 5.4i

Visual Sensitive Receiver  
VSR26: Tung Chung Ferry Pier

Date: May 2018

Environmental  
Resources  
Management





(a) Picture extracted from the approved EIA Report (AEIAR-196/2016)



(b) Picture taken in May 2018 during Landscape and Visual Baseline Monitoring

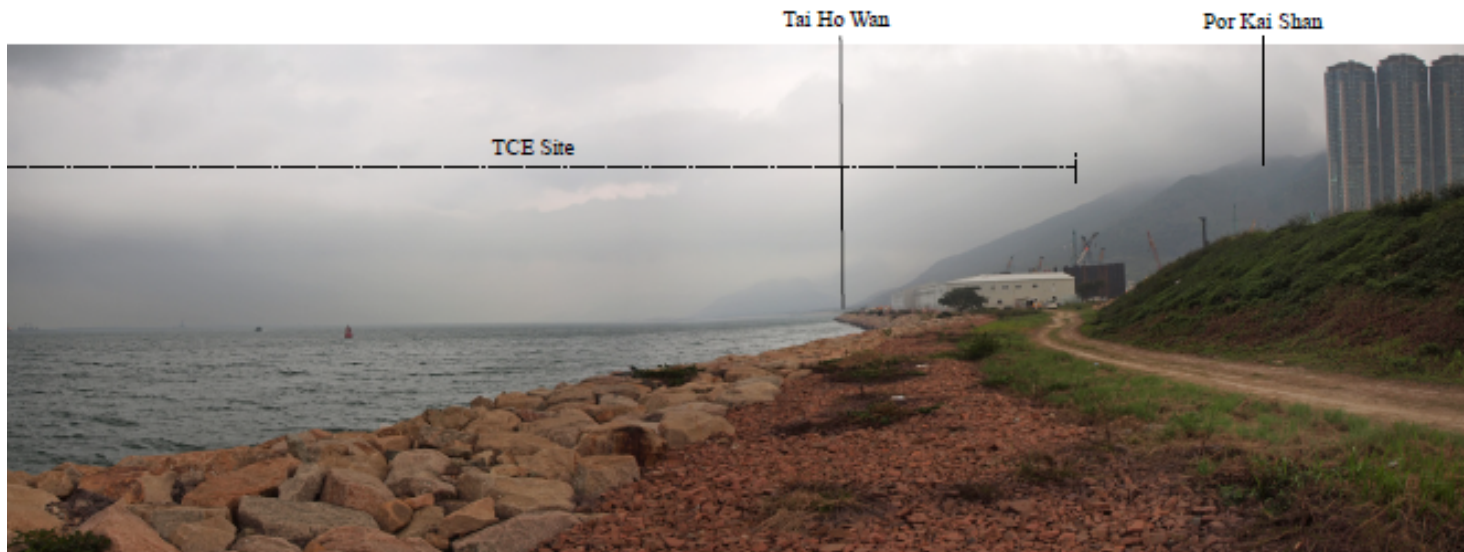
Figure 5.4j

Visual Sensitive Receiver  
VSR27: Near Yi Tung Road

Date: May 2018

Environmental  
Resources  
Management





(a) Picture extracted from the approved EIA Report (AEIAR-196/2016)



(b) Picture taken in May 2018 during Landscape and Visual Baseline Monitoring

Figure 5.4k

Visual Sensitive Receiver  
VSR28: Near Tung Chung North Waterfront

Date: May 2018

Environmental  
Resources  
Management





(a) Picture extracted from the approved EIA Report (AEIAR-196/2016)



(b) Picture taken in May 2018 during Landscape and Visual Baseline Monitoring

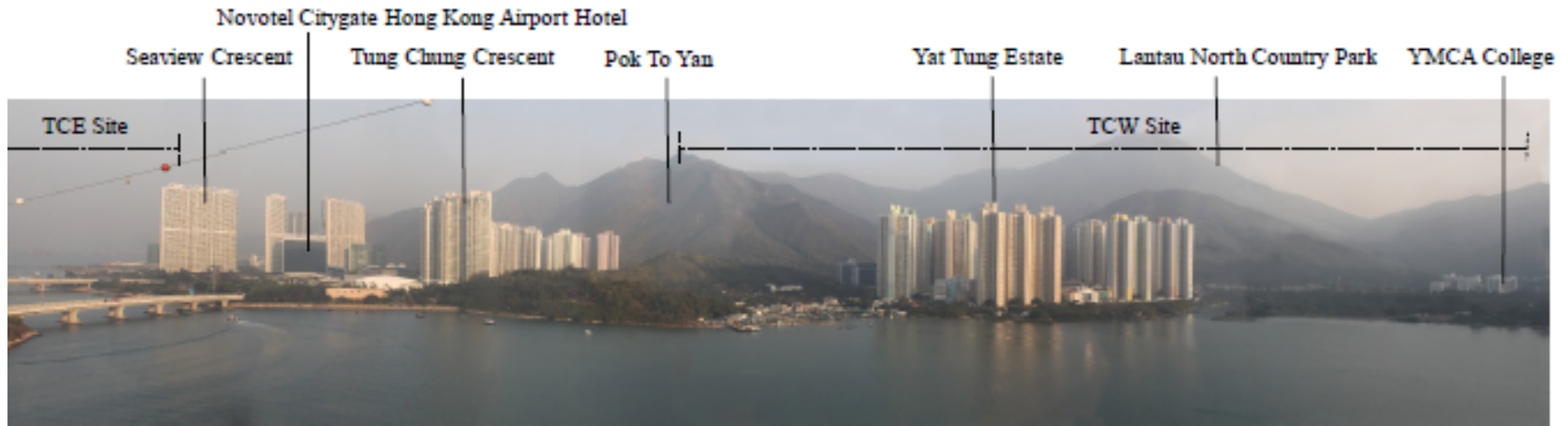
Figure 5.4I

Visual Sensitive Receiver  
VSR29: Near Tai Ho

Date: May 2018

Environmental  
Resources  
Management





(a) Picture extracted from the approved EIA Report (AEIAR-196/2016)



(b) Picture taken in May 2018 during Landscape and Visual Baseline Monitoring

Figure 5.4m

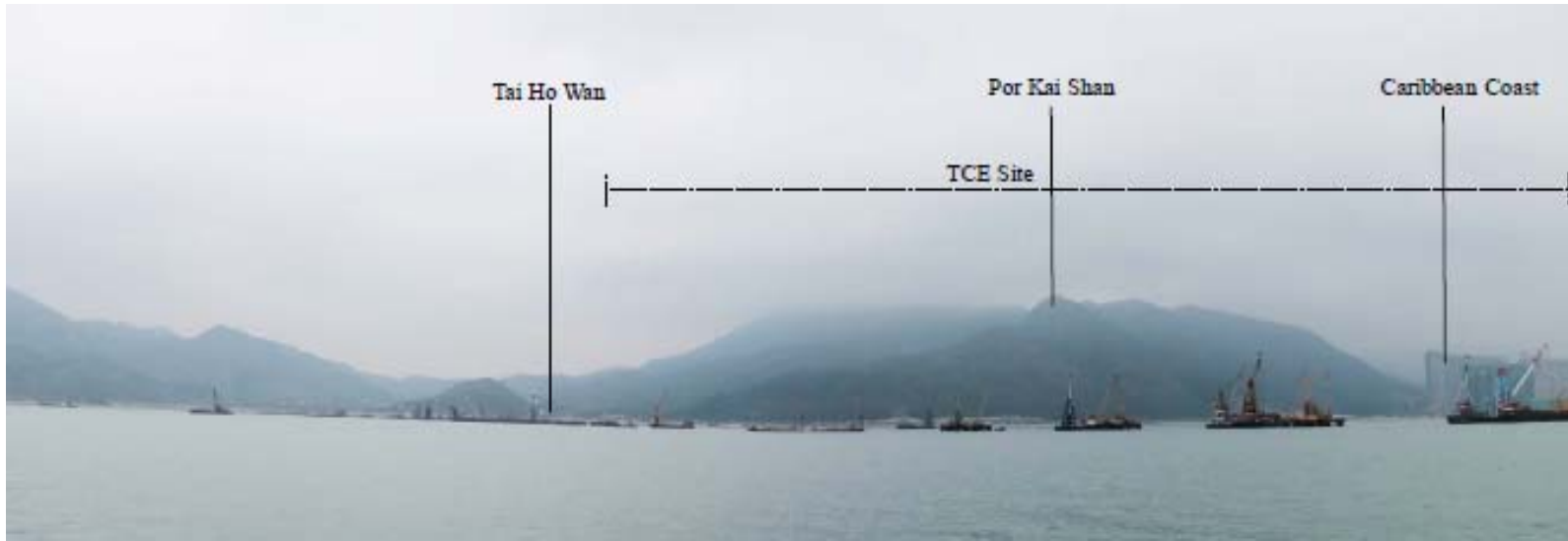
Visual Sensitive Receiver  
 VSR33: Ngong Ping 360 Cable Car - Facing Northeast To South

Date: May 2018

Environmental  
 Resources  
 Management







(a) Picture extracted from the approved EIA Report (AEIAR-196/2016)



(b) Picture taken in May 2018 during Landscape and Visual Baseline Monitoring

Figure 5.4n

Visual Sensitive Receiver  
VSR35: Open Sea East To Chek Lap Kok

Date: May 2018

Environmental  
Resources  
Management





(a) Picture extracted from the approved EIA Report (AEIAR-196/2016)



(b) Picture taken in May 2018 during Landscape and Visual Baseline Monitoring

Figure 5.4o

Visual Sensitive Receiver  
VSR36: North Lantau Expressway

Date: May 2018

Environmental  
Resources  
Management





(a) Picture extracted from the approved EIA Report (AEIAR-196/2016)



(b) Picture taken in May 2018 during Landscape and Visual Baseline Monitoring

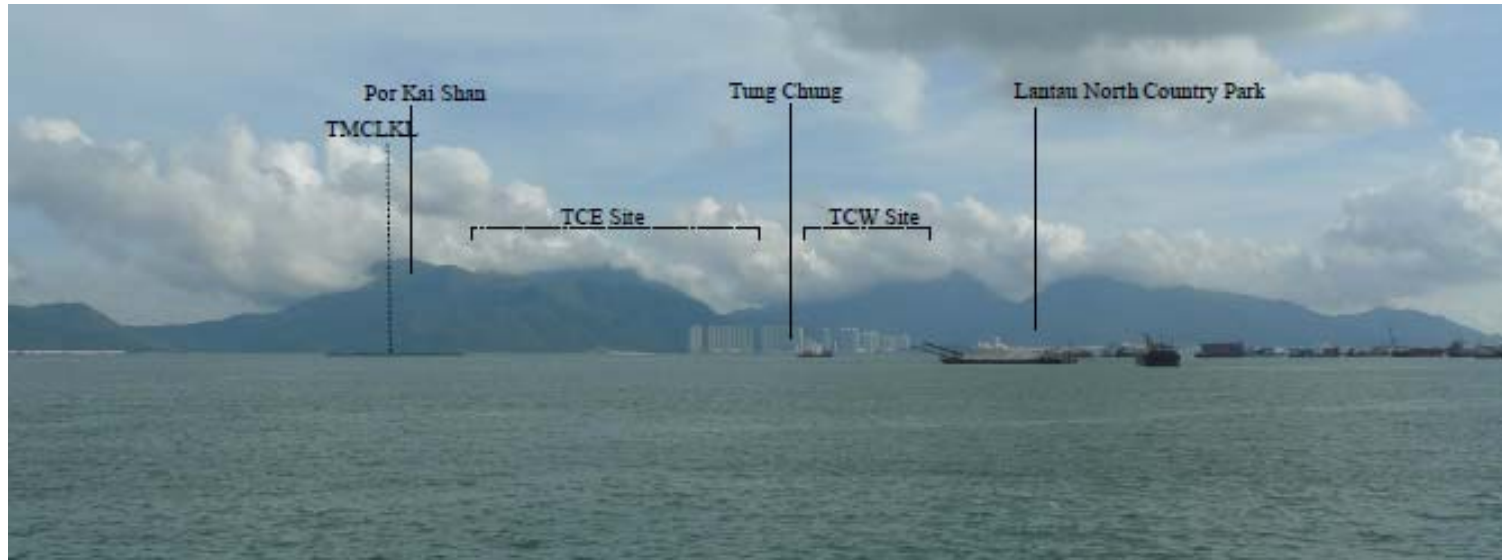
Figure 5.4p

Date: May 2018

Visual Sensitive Receiver  
VSR37: Siu Ho Wan

Environmental  
Resources  
Management





(a) Picture extracted from the approved EIA Report (AEIAR-196/2016)



(b) Picture taken in May 2018 during Landscape and Visual Baseline Monitoring

Figure 5.4q

Visual Sensitive Receiver  
VSR40: Tuen Mun South Coast

Date: May 2018

Environmental  
Resources  
Management





(a) Picture extracted from the approved EIA Report (AEIAR-196/2016)



(b) Picture taken in May 2018 during Landscape and Visual Baseline Monitoring

Figure 5.4r

Visual Sensitive Receiver  
VSR41: Along Tuen Mun Road And Castle Peak Road

Date: May 2018

Environmental  
Resources  
Management





(a) Picture extracted from the approved EIA Report (AEIAR-196/2016)



(b) Picture taken in May 2018 during Landscape and Visual Baseline Monitoring

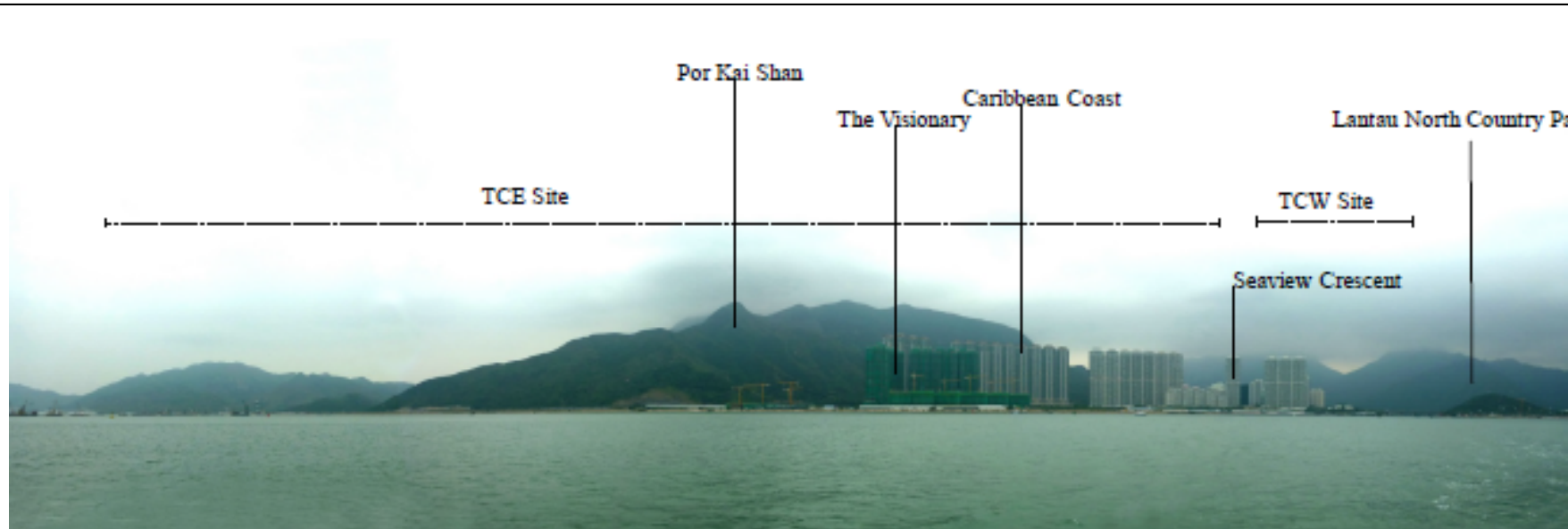
Figure 5.4s

Visual Sensitive Receiver  
VSR42: Tai Lam Country Park

Date: May 2018

Environmental  
Resources  
Management





(a) Picture extracted from the approved EIA Report (AEIAR-196/2016)



(b) Picture taken in May 2018 during Landscape and Visual Baseline Monitoring

Figure 5.4t

Visual Sensitive Receiver  
VSR43: HKBCF

Date: May 2018

Environmental  
Resources  
Management





(a) Picture extracted from the approved EIA Report (AEIAR-196/2016)



(b) Picture taken in May 2018 during Landscape and Visual Baseline Monitoring

Figure 5.4u

Visual Sensitive Receiver  
VSR45: TMCLKL

Date: May 2018

Environmental  
Resources  
Management





cumulative landscape and visual impact assessment results in the approved EIA Report.

*Hong Kong-Zhuhai Macao Bridge Hong Kong Boundary Crossing Facilities*

During the EIA stage, it was assumed that the key construction elements for Hong Kong Boundary Crossing Facilities (HKBCF) would be substantially completed by end of Year 2016. The updated baseline in May 2018 showed that the majority of the construction works for the HKBCF including the associated road transport network have been completed, which is in line with the prediction as presented in the approved EIA Report. As such, it does not affect the cumulative landscape and visual impact assessment results in the approved EIA Report.

*Planned Residential Developments in the Existing Tung Chung New Town*

During the EIA stage, it was assumed that the residential developments at Tung Chung Area 55 and Area 56 near the Project would be completed in 2015-2016. The updated baseline in May 2018 showed that these areas have been developed into private (Century Link and The Visionary) and public (Ying Tung Estate) housings respectively, which is in line with the prediction as presented in the approved EIA Report. As such, it does not affect the cumulative landscape and visual impact assessment results in the approved EIA Report.

5.4

**SUMMARY**

Base on the results of the site conditions verification surveys conducted in May 2018 with reference to the LRs and LCAs identified in the approved EIA Report, it is concluded that the landscape and visual baseline conditions within the Project site boundary is similar to those presented in the approved EIA Report. The landscape and visual impact assessment in the approved EIA Report is thus considered valid. There is no major change in the landscape and visual baseline conditions comparing to those during the EIA stage. Additional landscape and visual mitigation measures other than those recommended in the approved EIA Report are thus not required.

## 6 *SOFT SHORE ECOLOGY*

### 6.1 *MONITORING REQUIREMENT*

According to the Updated EM&A Manual <sup>(1)</sup> of the Project, baseline soft shore ecological monitoring shall be conducted once at each survey location of Tung Chung Bay (TCB) and Tai Ho Wan (THW) before reclamation.

Further details of the baseline soft shore ecological monitoring conducted at TCB and THW under this Project are presented in the following sections.

### 6.2 *MONITORING LOCATIONS*

Baseline soft shore ecological monitoring was conducted at three (3) monitoring locations at TCB, situated in the eastern side (TCB1), southern side (TCB2) and western side (TCB3) as well as one (1) monitoring location at THW as shown in *Figure 6.1*.

### 6.3 *MONITORING METHODOLOGY*

The soft shore ecological monitoring consisted of qualitative walk-through surveys, quantitative transect surveys and sedimentation rate monitoring at the accessible survey locations of TCB and THW.

For qualitative walk-through surveys, the accessible shoreline of TCB and THW at each of the three shore heights: 2 m, 1.5 m and 1 m above Chart Datum was surveyed, and organisms encountered were recorded and their relative abundance noted. In particular, active search of horseshoe crabs and seagrasses were conducted to confirm whether these species are present along the sites.

For quantitative transect survey, one 50 – 100 m horizontal (belt) transect (actual length subject to the site conditions) was surveyed at each of the three shore heights: 2 m, 1.5 m and 1 m above Chart Datum of each survey location. On each transect, five quadrats (50 cm x 50 cm) were placed randomly in each transect to assess the abundance and distribution of flora and fauna. For each quadrat, surface layer to 5 cm depth was sieved and microbenthic organisms (e.g. crustaceans) were recorded and identified. Density of organisms was expressed as individuals / m<sup>2</sup>. Areas with seagrass were also recorded and identified and other information, such as the percentage cover, were also recorded. Sessile animals such as barnacles and oysters in each quadrat were not counted but estimated as percentage cover on the rock surface. All species of algae (encrusting, foliose and filamentous) were also identified and recorded by estimating the percentage cover on the rock surface. All organisms were identified to the lowest possible taxonomic level

(1) ERM (2018). *Op cit.*

**Legend**

- Proposed Area for Tung Chung New Town Extension (East)
- Marine Ecological Monitoring Location
- Hong Kong Boundary Crossing Facilities (HKBCF)
- Tuen Mun – Chek Lap Kok Link (TM-CLKL)
- Hong Kong Link Road (HKLR)

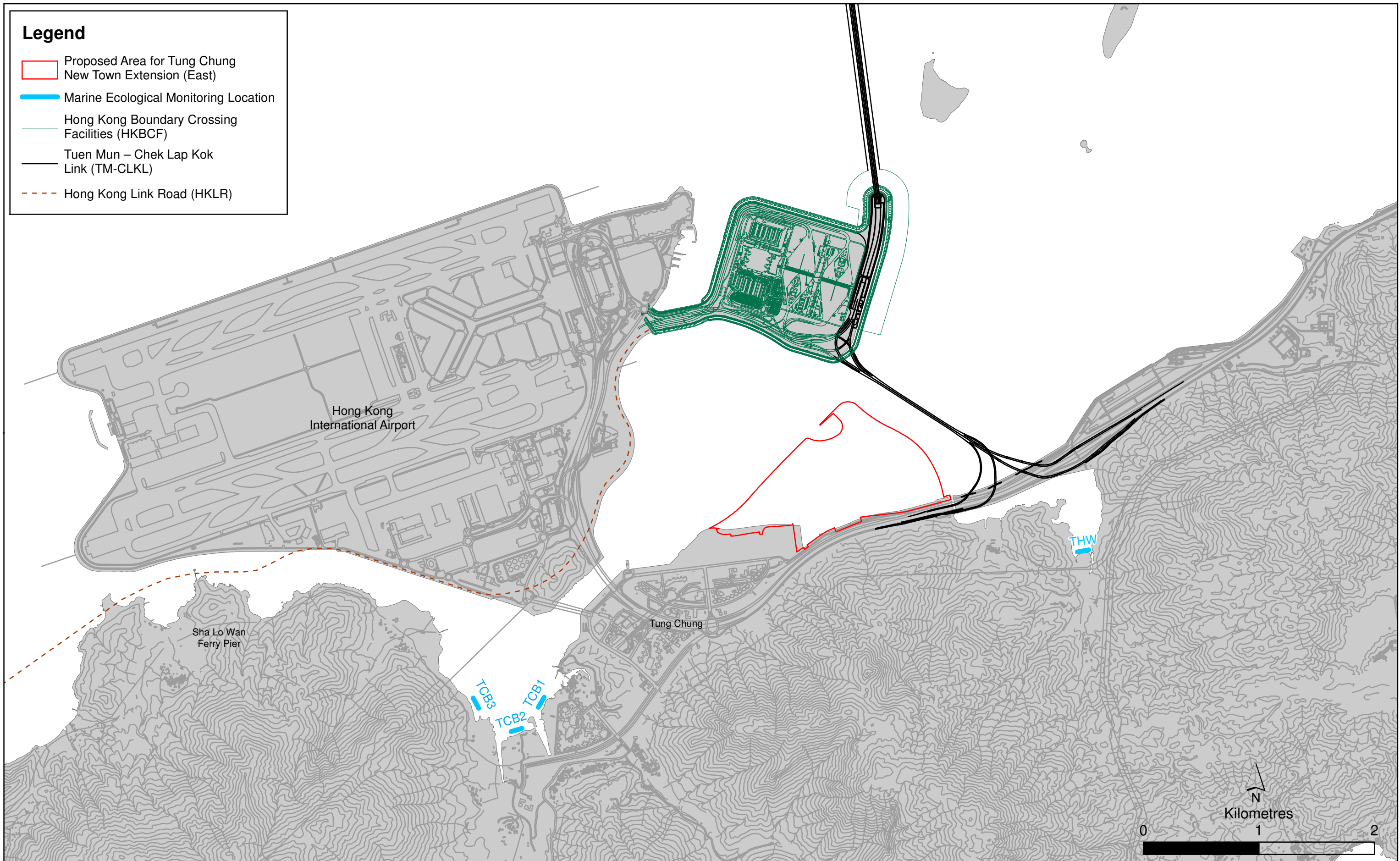


Figure 6.1

Marine Ecological Monitoring (Intertidal Soft-shore Habitats)

(at least Genus level). Species encountered outside the quadrat but in the vicinity of survey transect were also recorded.

For sedimentation rate monitoring, to avoid disturbance to the mudflat and nuisance to navigation, no fixed marker/monitoring rod was installed at the monitoring stations. A high precision Global Navigation Satellite System (GNSS) real time location fixing system (or equivalent technology) was used to locate the station in the precision of 1 mm, which is reasonable under flat mudflat topography with uneven mudflat surface only at micro level.

Measurements were taken directly on the mudflat surface. The Real Time Kinematic GNSS (RTK GNSS) surveying technology was used to measure mudflat surface levels and 3D coordinates of a survey point. The RTK GNSS survey was calibrated against a reference station in the field before and after each survey. The reference station is a survey control point established by the Lands Department of the HKSAR Government or traditional land surveying methods using professional surveying instruments such as total station, level and/or geodetic global navigation satellite system. The coordinates system is in HK1980 GRID system. The reference control station was surveyed and established by traditional land surveying methods using professional surveying instruments such as total station, level and/or geodetic GNSS. The accuracy was down to mm level and higher than the proposed RTK GNSS cm level so that the reference control station has relatively higher accuracy. As the reference control station has higher accuracy, it was set as true evaluation relative to the RTK GNSS measurement. All position and height correction were adjusted and corrected to the reference control station.

The precision of the measured mudflat surface level reading (vertical precision setting) was within 10 mm (standard deviation) after averaging the valid survey records of the XYZ HK1980 GRID coordinates. Each survey record at each station was computed by averaging at least three measurements that are within the above specified precision setting. Both digital data logging and written records were collected in the field. Field data on station fixing and mudflat surface measurement were recorded.

## **6.4** *BASELINE MONITORING RESULTS*

### **6.4.1** *General*

The soft shore ecological monitoring was conducted in April to June 2018 as presented in *Table 6.1* below. Representative photographs taken during the baseline monitoring are presented in *Figure 6.2*.



(a) Survey Location at TCB1



(b) Survey Location at TCB2



(c) Survey Location at TCB3



(d) Survey Location at THW



(e) Horseshoe crab *Tachypleus tridentatus* recorded at TCB1 during Qualitative Walk-through Survey



(f) Sedimentation Rate Monitoring

Figure 6.2

Representative Photographs Taken during the Baseline Soft Shore Ecological Monitoring

Date: July 2018

Environmental  
Resources  
Management



**Table 6.1** *Date and Activities of Baseline Soft Shore Ecological Monitoring*

Date	Time	Activity
30 April 2018	12:00 - 17:30	Quantitative transect survey at TCB3
2 May 2018	12:30 - 18:00	Quantitative transect survey at TCB1
3 May 2018	13:30 - 18:00	Qualitative walk-through survey and quantitative transect survey at TCB2
4 May 2018	15:30 - 18:00	Quantitative transect survey at TCB3
16 May 2018	14:00 - 17:00	Qualitative walk-through survey at TCB3 and sedimentation rate monitoring at TCB1, TCB2 and TCB3
17 May 2018	14:30 - 17:00	Qualitative walk-through survey and quantitative transect survey at TCB1
27 June 2018	11:30 - 16:30	Qualitative walk-through survey, quantitative transect survey and sedimentation rate monitoring at THW

**6.4.2** *Qualitative Walk-through Surveys*

*Horseshoe Crabs*

The results for horseshoe crabs during qualitative walk-through surveys are presented in *Table 6.2* below. A total of 13, 11 and 9 individuals of *Tachypleus tridentatus* were recorded at TCB1, TCB3 and THW, respectively. A total of 4 individuals of *Carcinoscorpius rotundicauda* were recorded at THW. The mean prosomal widths of the observed horseshoe crab individuals were 4.8 cm, 6.0 cm and 3.4 cm at TCB1, TCB3 and THW, respectively. Horseshoe crab was not observed at TCB2.

**Table 6.2** *Results for Horseshoe Crabs during Qualitative Walk-through Surveys*

Sighting #	Species	Prosomal Width (cm)	Total Length (cm)
<b>Monitoring Date: 17 May 2018 15:00-17:00</b>			
<b>Monitoring Station: TCB1</b>			
1	<i>Tachypleus tridentatus</i>	4.2	7.3
2	<i>Tachypleus tridentatus</i>	3.9	7.6
3	<i>Tachypleus tridentatus</i>	1.4	1.8
4	<i>Tachypleus tridentatus</i>	4.9	9.1
5	<i>Tachypleus tridentatus</i>	3.9	8.7
6	<i>Tachypleus tridentatus</i>	5.0	9.5
7	<i>Tachypleus tridentatus</i>	4.6	9.7
8	<i>Tachypleus tridentatus</i>	3.8	8.0
9	<i>Tachypleus tridentatus</i>	3.4	6.8
10	<i>Tachypleus tridentatus</i>	3.1	5.2
11	<i>Tachypleus tridentatus</i>	4.8	9.9
12	<i>Tachypleus tridentatus</i>	4.7	9.0
13	<i>Tachypleus tridentatus</i>	14.1	30.0
	<b>Mean (Range)</b>	<b>4.8 (1.4-14.1)</b>	<b>9.4 (1.8-30.0)</b>

Sighting #	Species	Prosomal Width (cm)	Total Length (cm)
<b>Monitoring Date: 16 May 2018 14:30-16:30</b>			
<b>Monitoring Station: TCB3</b>			
1	<i>Tachypleus tridentatus</i>	13.5	28.0
2	<i>Tachypleus tridentatus</i>	5.0	9.9
3	<i>Tachypleus tridentatus</i>	4.1	8.9
4	<i>Tachypleus tridentatus</i>	5.6	11.7
5	<i>Tachypleus tridentatus</i>	6.5	12.1
6	<i>Tachypleus tridentatus</i>	4.2	8.4
7	<i>Tachypleus tridentatus</i>	6.4	13.4
8	<i>Tachypleus tridentatus</i>	4.7	9.9
9	<i>Tachypleus tridentatus</i>	4.3	8.4
10	<i>Tachypleus tridentatus</i>	6.4	14.3
11	<i>Tachypleus tridentatus</i>	5.4	10.6
	<b>Mean (Range)</b>	<b>6.0 (4.1-13.5)</b>	<b>12.3 (8.4-28.0)</b>
<b>Monitoring Date: 27 June 2018 12:30-16:30</b>			
<b>Monitoring Station: THW</b>			
1	<i>Tachypleus tridentatus</i>	2.2	3.8
2	<i>Tachypleus tridentatus</i>	2.1	3.3
3	<i>Tachypleus tridentatus</i>	2.8	5.5
4	<i>Tachypleus tridentatus</i>	2.7	4.1
5	<i>Carcinoscorpius rotundicauda</i>	3.6	7.6
6	<i>Tachypleus tridentatus</i>	3.3	5.6
7	<i>Carcinoscorpius rotundicauda</i>	2.5	5.0
8	<i>Carcinoscorpius rotundicauda</i>	3.8	7.8
9	<i>Tachypleus tridentatus</i>	3.5	3.0
10	<i>Tachypleus tridentatus</i>	3.6	6.0
11	<i>Tachypleus tridentatus</i>	4.2	6.8
12	<i>Carcinoscorpius rotundicauda</i>	4.5	8.0
13	<i>Tachypleus tridentatus</i>	5.2	7.5
	<b>Mean (Range)</b>	<b>3.4 (2.1-5.2)</b>	<b>5.7 (3.0-8.0)</b>

### *Seagrass Beds*

Seagrass beds were not observed during the qualitative walk-through surveys at TCB1, TCB2, TCB3 and THW.

### *Other Intertidal Soft Shore Communities*

The survey results on other intertidal soft shore communities are summarised in *Table 6.3* below. A total of 35, 29, 38 and 40 species were recorded during the qualitative walk-through surveys at TCB1, TCB2, TCB3 and THW, respectively. Detailed species list and their relative abundance at each monitoring station are presented in *Annex D1*.

**Table 6.3 Results for Other Intertidal Soft Shore Communities during Qualitative Walk-through Surveys**

Monitoring Station	Shore Height *	No. of Species
TCB1	H	21
	M	27
	L	25
	<b>Overall</b>	<b>35</b>
TCB2	H	21
	M	22
	L	25
	<b>Overall</b>	<b>29</b>
TCB3	H	15
	M	26
	L	26
	<b>Overall</b>	<b>38</b>
THW	H	25
	M	28
	L	30
	<b>Overall</b>	<b>40</b>

\* H: +2mCD; M: +1.5mCD; L: +1mCD

### 6.4.3 Quantitative Transect Surveys

A total of 8,043 individuals were recorded from all transects at monitoring stations TCB1-3 and THW. The most abundant group of intertidal soft shore communities recorded was gastropods, with a total of 7,768 individuals (relative abundance of 96.6% and density of 518 individual m<sup>-2</sup>). The summary of the top three dominant species at each shore height of each monitoring station is presented in Table 6.4. The complete list of species and density recorded is shown in Annex E2.

**Table 6.4 Results for Other Intertidal Soft Shore Communities during Quantitative Transect Surveys**

Monitoring Station	Shore Height *	Top Three Dominant Species	Density (ind. / m <sup>2</sup> )
TCB1	H	1 <i>Batillaria multiformis</i>	1216.0
		2 <i>Monodonta labio</i>	24.8
		3 <i>Clithon</i> spp.	12.0
	M	1 <i>Cerithidea cingulata</i>	197.6
		2 <i>Batillaria multiformis</i>	181.6
		3 <i>Monodonta labio</i>	58.4
	L	1 <i>Batillaria multiformis</i>	95.2
		2 <i>Batillaria zonalis</i>	50.4
		3 <i>Nipponacmea concinna</i>	39.2
TCB2	H	1 <i>Batillaria multiformis</i>	4.0
		2 <i>Laternula anatina</i>	3.2
		3 <i>Batillaria zonalis</i>	3.2
	M	1 <i>Batillaria multiformis</i>	131.2
		2 <i>Cerithidea cingulata</i>	36.8
		3 <i>Cellana grata</i>	33.6



Monitoring Station	Shore Height *	Top Three Dominant Species	Density (ind./ m <sup>2</sup> )
TCB3	L	1 <i>Batillaria multififormis</i>	300.0
		2 <i>Batillaria zonalis</i>	39.2
		3 <i>Cerithidea cingulata</i>	36.8
	H	1 <i>Batillaria multififormis</i>	1,780.0
		2 <i>Batillaria zonalis</i>	60.0
		3 <i>Littoraria articulata</i>	19.2
	M	1 <i>Batillaria multififormis</i>	741.6
		2 <i>Cellana grata</i>	40.0
		3 <i>Monodonta labio</i>	40.0
L	1 <i>Batillaria multififormis</i>	112.8	
	2 <i>Monodonta labio</i>	22.4	
	3 <i>Lunella coronata</i>	19.2	
THW	H	1 <i>Cerithidea diadjariensis</i>	108.8
		2 <i>Batillaria zonalis</i>	44.0
		3 <i>Geloina erosa</i>	42.4
	M	1 <i>Cerithidea diadjariensis</i>	127.2
		2 <i>Batillaria zonalis</i>	73.6
		3 <i>Cerithidea cingulata</i>	47.2
	L	1 <i>Batillaria zonalis</i>	91.2
		2 <i>Cerithidea diadjariensis</i>	72.8
		3 <i>Cerithidea cingulata</i>	40.0

\* H: +2mCD; M: +1.5mCD; L: +1mCD

#### 6.4.4 Sedimentation Rate Monitoring

The mudflat surface levels at the four selected monitoring stations and the corresponding XYZ HK1980 GRID coordinates are presented in *Table 6.5*.

**Table 6.5 Results of Sedimentation Rate Monitoring**

Monitoring Station	Northing (m)	Easting (m)	Z level (Initial Sedimentation Rate) (mPD)	Remarks
TCB1	816068.626	811129.309	1.252	Soft mudflat
TCB2	815812.382	810917.245	1.120	Soft mudflat
TCB3	816027.632	810696.839	1.041	Soft mudflat
THW	817472.067	815850.407	1.016	Soft mudflat

#### 6.5 EVENT AND ACTION PLAN

In the event of the impact monitoring results indicating that the density or the distribution pattern of horseshoe crab, seagrass and intertidal soft shore communities is found to be significant different to the baseline condition (taking into account natural fluctuation in the occurrence and distribution pattern such as due to seasonal change), appropriate actions should be taken and additional mitigation measures should be implemented as necessary after agreement with IEC and ER. Data should also be re-assessed to determine the need for any further monitoring. The event and action plan, as proposed in *Table 6.6*, should be undertaken within a period of 1 month after a significant difference has been determined.

**Table 6.6** *Event and Action Plan for Soft Shore Ecological Monitoring*

Event	Action			
	ET	IEC	ER	Contractor
Density or the distribution pattern of horseshoe crab, seagrass and intertidal soft shore communities recorded in the impact or post-construction monitoring are significantly lower than or different from those recorded in the baseline monitoring.	<ol style="list-style-type: none"> <li>1. Review historical data to ensure differences are as a result of natural variation or previously observed seasonal differences;</li> <li>2. Identify source(s) of impact;</li> <li>3. Inform the IEC, ER and Contractor;</li> <li>4. Check monitoring data;</li> <li>5. Discuss additional monitoring and any other measures, with the IEC, ER and Contractor.</li> </ol>	<ol style="list-style-type: none"> <li>1. Discuss amongst ER, ET, and Contractor on the potential remedial actions;</li> <li>2. Review proposals for additional monitoring and any other measures submitted by the Contractor and advise the ER accordingly;</li> <li>3. Supervise the implementation of remedial measures.</li> </ol>	<ol style="list-style-type: none"> <li>1. Discuss with the IEC additional monitoring requirements and any other measures proposed by the ET;</li> <li>2. Make agreement on the measures to be implemented.</li> </ol>	<ol style="list-style-type: none"> <li>1. Inform the ER and in writing;</li> <li>2. Discuss with the ET and the IEC and propose measures to the IEC and the ER;</li> <li>3. Implement the agreed measures;</li> <li>4. Resubmit proposals of remedial actions if problem still not under control;</li> <li>5. Stop the relevant portion of works as determined by the ER until the exceedance is abated.</li> </ol>

## CONCLUSION

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;
- Noise;
- Water Quality;
- Landscape and Visual; and
- Soft Shore Ecology.

The baseline air quality monitoring was conducted at four (4) monitoring stations (DM-1, DM-2A, DM-3A and DM-4A) between 4 and 17 May 2018. Overall, the baseline air quality monitoring results 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 air quality (1-hour TSP levels) were established based on the baseline monitoring results.

Baseline noise monitoring was conducted at four (4) monitoring stations (NMS-CA-1A, NMS-CA-2A, NMS-CA-3 and NMS-CA-4) between 4 and 18 May 2018. The major noise sources identified at the monitoring station are the noise from road traffic, aircraft, train, renovation at Ying Tung Estate and insect. The baseline monitoring results are considered representative of the ambient noise level.

Baseline water quality monitoring was conducted at seven (7) monitoring stations (TCE-C1, TCE-C2, TCE-WQM1, TCE-WQM2a, TCE-WQM2b, TCE-WQM3A and TCE-WQM4) between 25 April and 21 May 2018. No observable pollution source was recorded at the monitoring stations and the baseline monitoring results are thus considered representative of the ambient water quality levels. Action and Limit Levels were established for DO, SS and Turbidity based on the baseline monitoring results.

Site conditions verification surveys for landscape and visual baseline were conducted on 15, 16, 17 and 19 May 2018 to revisit the identified LRs, LCAs and VSRs in the approved EIA Report. The survey results concluded that the landscape and visual baseline conditions within the Project site boundary is similar to those presented in the approved EIA Report. There is no major change in the landscape and visual baseline conditions comparing to those during the EIA stage. Additional landscape and visual mitigation measures other than those recommended in the approved EIA Report are thus not required.

Baseline soft shore ecological monitoring was conducted at four (4)

monitoring stations situated in TCB and THW on 30 April, 2-4 May, 15-16 May and 27 June 2018. A total of 8,043 intertidal individuals and 37 individuals of horseshoe crabs were recorded during the surveys. The baseline mudflat surface levels at the four (4) monitoring stations were also measured for the determination of sedimentation rate during the impact/post-construction monitoring. Event and Action Plan is established for implementing appropriate actions and additional mitigation measures as necessary when comparing the data between baseline and impact/post-construction monitoring.

Annex A

## Air Quality

Annex A1

# Calibration Certificates for the Air Quality Monitoring Equipment


**REPORT OF EQUIPMENT PERFORMANCE CHECK / CALIBRATION**

REPORT NO. : HK1711097  
 PROJECT NAME : PERFORMANCE CHECK / CALIBRATION OF DUST METER  
 DATE OF ISSUE : 29/12/2017

CUSTOMER : Envirotech Services Company  
 ADDRESS : Rm. 113, 1/F., MY LOFT, 9 HOI WING ROAD, TUEN MUN, N.T.

REPORT NO. : HK1711097  
 PROJECT ITEM NO. : HK1711097-01  
**PERFORMANCE CHECK / CALIBRATED EQUIPMENT**  
 TYPE : AEROSOL MONITOR  
 MANUFACTURER : TSI  
 MODEL NO. : SIDEPAK AM510  
 SERIAL NO. : 10406054  
 EQUIPMENT NO. : ---  
 RECEIPT DATE : 27/12/2017  
 PERFORMANCE CHECK / CALIBRATION DATE : 28/12/2017

**PERFORMANCE CHECK / CALIBRATION Information**

CODE	Calibration Parameter	Method Procedure	Reference Method
Dust PC/CAL	Performance Check / Calibration of Dust Meter	CAL003	General Technical Requirements of Environmental Monitoring, Environmental Monitoring & Audit Guidelines for Development Projects in HK

- Notes : 1. This report shall not be reproduced, except in full, without prior approval from Pilot Testing Limited.  
 2. Performance Check / Calibration result relates to performance check / calibration item(s) as received.

Approved Signatory :

Wong Po Yan Pauline  
 (Assistant Laboratory Manager)

Issue Date: 29/12/2017


**REPORT OF PERFORMANCE CHECK / CALIBRATION**

**PROJECT NAME** : PERFORMANCE CHECK / CALIBRATION OF DUST METER  
**DATE OF ISSUE** : 29/12/2017  
**REPORT NO.** : HK1711097

**PERFORMANCE CHECK / CALIBRATED EQUIPMENT**

**TYPE** : AEROSOL MONITOR  
**MANUFACTURER** : TSI  
**MODEL NO.** : SIDEPAK AM510  
**SERIAL NO.** : 10406054  
**EQUIPMENT NO.** : ---  
**PERFORMANCE CHECK / CALIBRATION DATE** : 28/12/2017

**STANDARD EQUIPMENT**

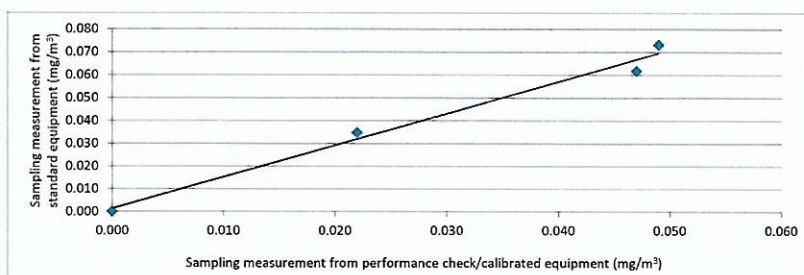
**TYPE** : HIGH VOLUME AIR SAMPLER  
**MANUFACTURER** : TISCH  
**MODEL NO.** : TE-5170  
**EQUIPMENT REF NO.** : PTL\_HV002  
**LAST CALIBRATION DATE** : 31/10/2017

**EQUIPMENT PERFORMANCE CHECK / CALIBRATION RESULTS:**

Trial no. in 1-hr period	Time	Mean Temp (°C)	Mean Pressure (hPa)	Concentration in mg/m <sup>3</sup> (Standard equipment) (Y - Axis)	Concentration in mg/m <sup>3</sup> (Performance Check / Calibrated equipment) (X - Axis)
Zero Check <sup>1</sup>	28/12/2017, 10:02:00 AM	18.5	1021	0.000	0.000
1	28/12/2017, 11:05:00 AM	18.5	1021	0.073	0.049
2	28/12/2017, 12:13:00 PM	18.5	1021	0.062	0.047
3	28/12/2017, 1:20:00 PM	18.5	1021	0.035	0.022

**Linear Regression of Y on X**

Slope (K- factor) : 1.4  
 Correlation Coefficient : 0.9927  
 Validity of Performance Check / Calibration Record : 28/12/2018



- Notes :
1. Zero check conducted as per CAL003 SOP and manufacturer's manual as appropriate.
  2. This report shall not be reproduced, except in full, without prior approval from Pilot Testing Limited.
  3. Performance Check / Calibration result relates to performance check / calibration item(s) as received.

Operator: MA Ching Him, Jackey Signature:  Date: 28/12/2017

Checked by: Wong Po Yan, Pauline Signature:  Date: 29/12/2017




**REPORT OF EQUIPMENT PERFORMANCE CHECK / CALIBRATION**

**REPORT NO.** : HK1810187  
**PROJECT NAME** : PERFORMANCE CHECK / CALIBRATION OF DUST METER  
**DATE OF ISSUE** : 6/3/2018  
**CUSTOMER** : Envirotech Services Company  
**ADDRESS** : Rm. 113, 1/F., MY LOFT, 9 HOI WING ROAD, TUEN MUN, N.T.

**REPORT NO.** : HK1810187  
**PROJECT ITEM NO.** : HK1810187-01  
**PERFORMANCE CHECK / CALIBRATED EQUIPMENT**  
**TYPE** : AEROSOL MONITOR  
**MANUFACTURER** : TSI  
**MODEL NO.** : SIDEPAK AM510  
**SERIAL NO.** : 11009015  
**EQUIPMENT NO.** : ---  
**RECEIPT DATE** : 28/2/2018  
**PERFORMANCE CHECK / CALIBRATION DATE** : 28/2/2018

**PERFORMANCE CHECK / CALIBRATION Information**

CODE	Calibration Parameter	Method Procedure	Reference Method
Dust PC/CAL	Performance Check / Calibration of Dust Meter	CAL003	General Technical Requirements of Environmental Monitoring, Environmental Monitoring & Audit Guidelines for Development Projects in HK

- Notes : 1. This report shall not be reproduced, except in full, without prior approval from Pilot Testing Limited.  
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Approved Signatory :

\_\_\_\_\_  
 Wong Po Yan Pauline  
 (Assistant Laboratory Manager)

Issue Date: 6/3/2018



**REPORT OF PERFORMANCE CHECK / CALIBRATION**

PROJECT NAME : PERFORMANCE CHECK / CALIBRATION OF DUST METER  
 DATE OF ISSUE : 6/3/2018  
 REPORT NO. : HK1810187

**PERFORMANCE CHECK / CALIBRATED EQUIPMENT**

TYPE : AEROSOL MONITOR  
 MANUFACTURER : TSI  
 MODEL NO. : SIDEPAK AM510  
 SERIAL NO. : 11009015  
 EQUIPMENT NO. : ---  
 PERFORMANCE CHECK / CALIBRATION DATE : 28/2/2018

**STANDARD EQUIPMENT**

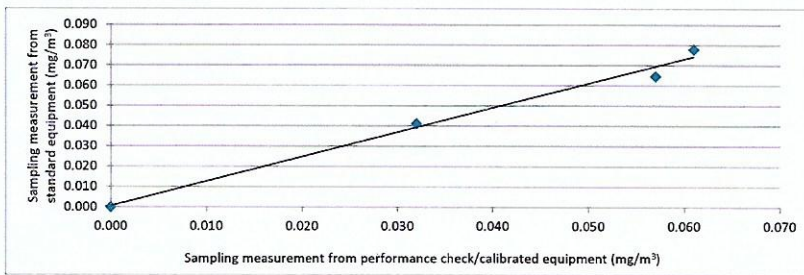
TYPE : HIGH VOLUME AIR SAMPLER  
 MANUFACTURER : TISCH  
 MODEL NO. : TE-5170  
 EQUIPMENT REF NO. : PTL\_HV002  
 LAST CALIBRATION DATE : 29/1/2018

**EQUIPMENT PERFORMANCE CHECK / CALIBRATION RESULTS:**

Trial no. in 1-hr period	Time	Mean Temp (°C)	Mean Pressure (hPa)	Concentration in mg/m <sup>3</sup> (Standard equipment) (Y - Axis)	Concentration in mg/m <sup>3</sup> (Performance Check / Calibrated equipment) (X - Axis)
Zero Check <sup>1</sup>	28/2/2018, 12:02:00 PM	21	1014	0.000	0.000
1	28/2/2018, 2:30:00 PM	21	1014	0.065	0.057
2	28/2/2018, 3:40:00 PM	21	1014	0.078	0.061
3	28/2/2018, 5:30:00 PM	21	1014	0.041	0.032

**Linear Regression of Y on X**

Slope (K- factor) : 1.2  
 Correlation Coefficient : 0.9943  
 Validity of Performance Check / Calibration Record : 28/2/2019



- Notes : 1. Zero check conducted as per CAL003 SOP and manufacturer's manual as appropriate.  
 2. This report shall not be reproduced, except in full, without prior approval from Pilot Testing Limited.  
 3. Performance Check / Calibration result relates to performance check / calibration item(s) as received.

Operator: MA Ching Him, Jackey Signature:  Date: 28/2/2018

Checked by: Wong Po Yan, Pauline Signature:  Date: 6/3/2018



**REPORT OF EQUIPMENT PERFORMANCE CHECK / CALIBRATION**

REPORT NO. : HK1810148  
 PROJECT NAME : PERFORMANCE CHECK / CALIBRATION OF DUST METER  
 DATE OF ISSUE : 12/2/2018

CUSTOMER : Envirotech Services Company  
 ADDRESS : Rm. 113, 1/F., MY LOFT, 9 HOI WING ROAD, TUEN MUN, N.T.

REPORT NO. : HK1810148  
 PROJECT ITEM NO. : HK1810148-01  
**PERFORMANCE CHECK / CALIBRATED EQUIPMENT**  
 TYPE : Digital Dust Indicator  
 MANUFACTURER : SIBATA  
 MODEL NO. : LD-5R  
 SERIAL NO. : 620402  
 EQUIPMENT NO. : ---  
 RECEIPT DATE : 8/2/2018  
 PERFORMANCE CHECK / CALIBRATION DATE : 9/2/2018

**PERFORMANCE CHECK / CALIBRATION Information**

CODE	Calibration Parameter	Method Procedure	Reference Method
Dust PC/CAL	Performance Check / Calibration of Dust Meter	CAL003	General Technical Requirements of Environmental Monitoring, Environmental Monitoring & Audit Guidelines for Development Projects in HK

- Notes : 1. This report shall not be reproduced, except in full, without prior approval from Pilot Testing Limited.  
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Approved Signatory :

Wong Po Yan Pauline  
 (Assistant Laboratory Manager)

Issue Date: 12/2/2018



**REPORT OF PERFORMANCE CHECK / CALIBRATION**

PROJECT NAME : PERFORMANCE CHECK / CALIBRATION OF DUST METER  
 DATE OF ISSUE : 12/2/2018  
 REPORT NO. : HK1810148

**PERFORMANCE CHECK / CALIBRATED EQUIPMENT**

TYPE : Digital Dust Indicator  
 MANUFACTURER : SIBATA  
 MODEL NO. : LD-5R  
 SERIAL NO. : 620402  
 EQUIPMENT NO. : ---  
 SENSITIVITY ADJUSTMENT : ---  
 PERFORMANCE CHECK / CALIBRATION DATE : 9/2/2018

**STANDARD EQUIPMENT**

TYPE : HIGH VOLUME AIR SAMPLER  
 MANUFACTURER : TISCH  
 MODEL NO. : TE-5170  
 EQUIPMENT REF NO. : PTL\_HV002  
 LAST CALIBRATION DATE : 29/1/2018

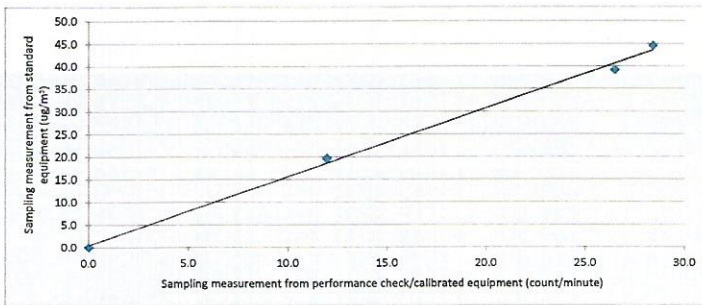
**EQUIPMENT PERFORMANCE CHECK / CALIBRATION RESULTS:**

Sensitivity Adjustment Scale Setting (Before Performance check / Calibration): 754 CPM  
 Sensitivity Adjustment Scale Setting (After Performance check / Calibration): 754 CPM

Trial no. in 1-hr period	Time	Mean Temp (°C)	Mean Pressure (hPa)	Concentration in ug/m <sup>3</sup> (Standard equipment) (Y - Axis)	Total Count <sup>2</sup> (Performance Check / Calibrated equipment)	Concentration in Count/Minute <sup>3</sup> (Performance Check / Calibrated equipment) (X - Axis)
Zero Check <sup>1</sup>	9/2/2018,9:05:00 AM	15.5	1017	0	0	0
1	9/2/2018,11:40:00 AM	15.5	1017	45	1705	28
2	9/2/2018,2:07:00 PM	15.5	1017	39	1590	27
3	9/2/2018,3:09:00 PM	15.5	1017	20	719	12

**Linear Regression of Y on X**

Slope (K- factor) : 1.5  
 Correlation Coefficient : 0.9983  
 Validity of Performance Check / Calibration Record : 9/2/2019



- Notes : 1. Zero check conducted as per CAL003 SOP and manufacturer's manual as appropriate.  
 2. Total Count was measured by Digital Dust Indicator.  
 3. Count/minute was calculated by (Total Count/60)  
 4. This report shall not be reproduced, except in full, without prior approval from Pilot Testing Limited.  
 5. Performance Check / Calibration result relates to performance check / calibration item(s) as received.

Operator: MA Ching Him, Jackey Signature: [Signature] Date: 9/2/2018

Checked by: Wong Po Yan, Pauline Signature: [Signature] Date: 12/2/2018


**REPORT OF EQUIPMENT PERFORMANCE CHECK / CALIBRATION**

**REPORT NO.** : HK1710859  
**PROJECT NAME** : PERFORMANCE CHECK / CALIBRATION OF DUST METER  
**DATE OF ISSUE** : 19/10/2017

**CUSTOMER** : Envirotech Services Co.  
**ADDRESS** : Rm. 113, 1/F., MY LOFT, 9 HOI WING ROAD, TUEN MUN, N.T.

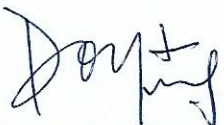
**REPORT NO.** : HK1710859  
**PROJECT ITEM NO.** : HK1710859-01  
**PERFORMANCE CHECK / CALIBRATED EQUIPMENT TYPE** : DIGITAL DUST INDICATOR  
**MANUFACTURER** : SIBATA  
**MODEL NO.** : LD-5R  
**SERIAL NO.** : 781282  
**EQUIPMENT NO.** : ---  
**RECEIPT DATE** : 13/10/2017  
**PERFORMANCE CHECK / CALIBRATION DATE** : 13/10/2017

**PERFORMANCE CHECK / CALIBRATION Information**

CODE	Calibration Parameter	Method Procedure	Reference Method
Dust PC/CAL	Performance Check / Calibration of Dust Meter	CAL003	General Technical Requirements of Environmental Monitoring, Environmental Monitoring & Audit Guidelines for Development Projects in HK

- Notes :
1. This report shall not be reproduced, except in full, without prior approval from Pilot Testing Limited.
  2. Performance Check / Calibration result relates to performance check / calibration item(s) as received.

Approved Signatory

  
 \_\_\_\_\_  
 Wong Po Yan Pauline  
 (Assistant Laboratory Manager)

Issue Date: 19/10/2017


**REPORT OF PERFORMANCE CHECK / CALIBRATION**

PROJECT NAME : PERFORMANCE CHECK / CALIBRATION OF DUST METER  
 DATE OF ISSUE : 19/10/2017  
 REPORT NO. : HK1710859

**PERFORMANCE CHECK / CALIBRATED EQUIPMENT**

TYPE : DIGITAL DUST INDICATOR  
 MANUFACTURER : SIBATA  
 MODEL NO. : LD-5R  
 SERIAL NO. : 781282  
 EQUIPMENT NO. : ---  
 SENSITIVITY ADJUSTMENT(CPM) : 601  
 PERFORMANCE CHECK / CALIBRATION DATE : 13/10/2017

**STANDARD EQUIPMENT**

TYPE : HIGH VOLUME AIR SAMPLER  
 MANUFACTURER : TISCH  
 MODEL NO. : TE-5170  
 EQUIPMENT REF NO. : PTL\_HV002  
 LAST CALIBRATION DATE : 31/7/2017

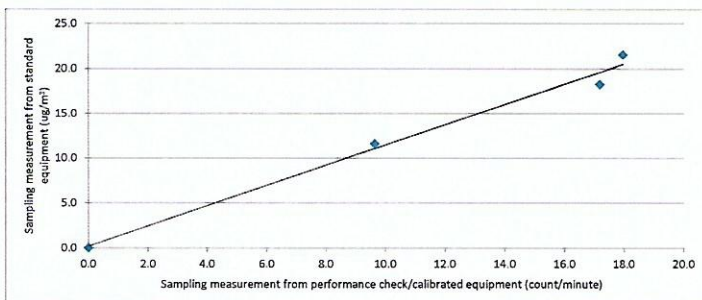
**EQUIPMENT PERFORMANCE CHECK / CALIBRATION RESULTS:**

Sensitivity Adjustment Scale Setting (Before Performance check / Calibration): 601 CPM  
 Sensitivity Adjustment Scale Setting (After Performance check / Calibration): 601 CPM

Trial no. in 1-hr period	Time	Mean Temp (°C)	Mean Pressure (hPa)	Concentration in ug/m <sup>3</sup> (Standard equipment) (Y - Axis)	Total Count <sup>2</sup> (Performance Check / Calibrated equipment)	Concentration in Count/Minute <sup>3</sup> (Performance Check / Calibrated equipment) (X - Axis)
Zero Check <sup>1</sup>	13/10/2017,1:00:00 PM	27	1008	0	0	0
1	13/10/2017,2:33:00 PM	27	1008	18	1031	17
2	13/10/2017,3:36:00 PM	27	1008	22	1078	18
3	13/10/2017,4:40:00 PM	27	1008	12	578	10

**Linear Regression of Y on X**

Slope (K- factor) : 1.1  
 Correlation Coefficient : 0.9939  
 Validity of Performance Check / Calibration Record : 13/10/2018



- Notes : 1. Zero check conducted as per CAL003 SOP and manufacturer's manual as appropriate.  
 2. Total Count was measured by Digital Dust Indicator.  
 3. Count/minute was calculated by (Total Count/60)  
 4. This report shall not be reproduced, except in full, without prior approval from Pilot Testing Limited.  
 5. Performance Check / Calibration result relates to performance check / calibration item(s) as received.

Operator: MA Ching Him, Jackey Signature: [Signature] Date: 13/10/2017

Checked by: Wong Po Yan, Pauline Signature: [Signature] Date: 19/10/2017

Annex A2

Wind Data at Chek Lap Kok  
Collected by the Hong  
Kong Observatory

Wind Station: Hong Kong International Airport (Chek Lap Kok)

Date	Time	60-min Prevailing Wind Direction (deg)	60-min Mean Wind Speed (m/s)
4/5/2018	1:00	110	10.7
4/5/2018	2:00	100	10.0
4/5/2018	3:00	100	9.6
4/5/2018	4:00	100	8.6
4/5/2018	5:00	100	7.1
4/5/2018	6:00	100	6.6
4/5/2018	7:00	100	8.1
4/5/2018	8:00	100	8.5
4/5/2018	9:00	90	9.4
4/5/2018	10:00	90	8.9
4/5/2018	11:00	90	10.5
4/5/2018	12:00	100	10.2
4/5/2018	13:00	90	9.7
4/5/2018	14:00	90	7.7
4/5/2018	15:00	100	7.9
4/5/2018	16:00	100	8.6
4/5/2018	17:00	100	9.3
4/5/2018	18:00	90	10.7
4/5/2018	19:00	90	11.9
4/5/2018	20:00	100	10.6
4/5/2018	21:00	90	11.2
4/5/2018	22:00	90	12.5
4/5/2018	23:00	80	9.5
5/5/2018	0:00	100	8.9
5/5/2018	1:00	100	8.6
5/5/2018	2:00	90	9.4
5/5/2018	3:00	80	8.2
5/5/2018	4:00	90	7.7
5/5/2018	5:00	80	7.4
5/5/2018	6:00	110	9.5
5/5/2018	7:00	110	9.3
5/5/2018	8:00	110	8.9
5/5/2018	9:00	100	7.3
5/5/2018	10:00	80	7.9
5/5/2018	11:00	80	7.6
5/5/2018	12:00	100	6.6
5/5/2018	13:00	100	7.4
5/5/2018	14:00	90	8.7
5/5/2018	15:00	110	7.7
5/5/2018	16:00	110	6.6
5/5/2018	17:00	90	6.5
5/5/2018	18:00	80	9.0
5/5/2018	19:00	90	8.4
5/5/2018	20:00	100	7.1
5/5/2018	21:00	100	6.4
5/5/2018	22:00	110	7.3



Wind Station: Hong Kong International Airport (Chek Lap Kok)

<b>Date</b>	<b>Time</b>	<b>60-min Prevailing Wind Direction (deg)</b>	<b>60-min Mean Wind Speed (m/s)</b>
5/5/2018	23:00	110	7.6
6/5/2018	0:00	110	5.8
6/5/2018	1:00	120	5.4
6/5/2018	2:00	90	5.3
6/5/2018	3:00	90	4.7
6/5/2018	4:00	110	4.4
6/5/2018	5:00	100	3.3
6/5/2018	6:00	150	3.4
6/5/2018	7:00	140	3.3
6/5/2018	8:00	170	2.9
6/5/2018	9:00	340	1.8
6/5/2018	10:00	50	2.6
6/5/2018	11:00	30	2.7
6/5/2018	12:00	180	6.5
6/5/2018	13:00	190	5.7
6/5/2018	14:00	200	6.8
6/5/2018	15:00	200	7.5
6/5/2018	16:00	240	4.4
6/5/2018	17:00	190	6.9
6/5/2018	18:00	190	6.5
6/5/2018	19:00	200	5.9
6/5/2018	20:00	200	5.9
6/5/2018	21:00	200	6.8
6/5/2018	22:00	200	6.3
6/5/2018	23:00	200	5.6
7/5/2018	0:00	210	6.4
7/5/2018	1:00	200	7.5
7/5/2018	2:00	200	7.0
7/5/2018	3:00	190	6.2
7/5/2018	4:00	190	6.6
7/5/2018	5:00	190	6.7
7/5/2018	6:00	190	7.0
7/5/2018	7:00	200	6.4
7/5/2018	8:00	210	7.3
7/5/2018	9:00	210	7.4
7/5/2018	10:00	200	8.3
7/5/2018	11:00	210	7.2
7/5/2018	12:00	210	7.3
7/5/2018	13:00	220	8.7
7/5/2018	14:00	200	8.5
7/5/2018	15:00	220	8.2
7/5/2018	16:00	200	8.5
7/5/2018	17:00	220	9.0
7/5/2018	18:00	220	9.1
7/5/2018	19:00	210	7.2
7/5/2018	20:00	210	7.8

Wind Station: Hong Kong International Airport (Chek Lap Kok)

<b>Date</b>	<b>Time</b>	<b>60-min Prevailing Wind Direction (deg)</b>	<b>60-min Mean Wind Speed (m/s)</b>
7/5/2018	21:00	220	6.1
7/5/2018	22:00	220	6.1
7/5/2018	23:00	220	8.1
8/5/2018	0:00	360	7.5
8/5/2018	1:00	130	4.3
8/5/2018	2:00	130	2.7
8/5/2018	3:00	310	1.6
8/5/2018	4:00	10	2.3
8/5/2018	5:00	290	1.7
8/5/2018	6:00	280	1.8
8/5/2018	7:00	80	3.6
8/5/2018	8:00	70	5.2
8/5/2018	9:00	90	3.2
8/5/2018	10:00	60	2.3
8/5/2018	11:00	70	4.0
8/5/2018	12:00	70	3.4
8/5/2018	13:00	50	3.1
8/5/2018	14:00	320	3.1
8/5/2018	15:00	310	2.6
8/5/2018	16:00	260	2.5
8/5/2018	17:00	310	2.3
8/5/2018	18:00	110	2.7
8/5/2018	19:00	240	3.7
8/5/2018	20:00	220	1.9
8/5/2018	21:00	70	2.5
8/5/2018	22:00	60	2.0
8/5/2018	23:00	70	2.2
9/5/2018	0:00	70	1.3
9/5/2018	1:00	70	2.6
9/5/2018	2:00	70	3.1
9/5/2018	3:00	90	3.8
9/5/2018	4:00	80	3.7
9/5/2018	5:00	90	4.6
9/5/2018	6:00	80	4.6
9/5/2018	7:00	110	4.2
9/5/2018	8:00	100	6.4
9/5/2018	9:00	90	6.4
9/5/2018	10:00	80	6.4
9/5/2018	11:00	110	6.1
9/5/2018	12:00	100	8.7
9/5/2018	13:00	100	8.5
9/5/2018	14:00	100	9.0
9/5/2018	15:00	110	10.7
9/5/2018	16:00	110	10.8
9/5/2018	17:00	100	10.5
9/5/2018	18:00	100	10.7

Wind Station: Hong Kong International Airport (Chek Lap Kok)

Date	Time	60-min Prevailing Wind Direction (deg)	60-min Mean Wind Speed (m/s)
9/5/2018	19:00	100	10.4
9/5/2018	20:00	100	10.6
9/5/2018	21:00	100	9.9
9/5/2018	22:00	110	9.9
9/5/2018	23:00	100	11.5
10/5/2018	0:00	110	11.3
10/5/2018	1:00	100	11.0
10/5/2018	2:00	100	12.9
10/5/2018	3:00	100	12.1
10/5/2018	4:00	100	10.5
10/5/2018	5:00	100	10.9
10/5/2018	6:00	100	10.1
10/5/2018	7:00	90	9.3
10/5/2018	8:00	90	11.0
10/5/2018	9:00	100	11.3
10/5/2018	10:00	100	10.7
10/5/2018	11:00	100	11.2
10/5/2018	12:00	100	11.4
10/5/2018	13:00	100	12.0
10/5/2018	14:00	100	11.5
10/5/2018	15:00	100	11.3
10/5/2018	16:00	90	11.2
10/5/2018	17:00	90	10.7
10/5/2018	18:00	100	11.6
10/5/2018	19:00	100	11.0
10/5/2018	20:00	100	10.8
10/5/2018	21:00	90	10.5
10/5/2018	22:00	100	9.9
10/5/2018	23:00	110	10.2
11/5/2018	0:00	110	9.3
11/5/2018	1:00	100	9.5
11/5/2018	2:00	100	9.4
11/5/2018	3:00	90	9.6
11/5/2018	4:00	90	9.6
11/5/2018	5:00	90	9.6
11/5/2018	6:00	90	8.2
11/5/2018	7:00	90	7.7
11/5/2018	8:00	80	7.7
11/5/2018	9:00	90	7.8
11/5/2018	10:00	90	8.3
11/5/2018	11:00	90	9.5
11/5/2018	12:00	90	9.9
11/5/2018	13:00	90	9.4
11/5/2018	14:00	90	10.0
11/5/2018	15:00	100	8.2
11/5/2018	16:00	100	7.1

Wind Station: Hong Kong International Airport (Chek Lap Kok)

Date	Time	60-min Prevailing Wind Direction (deg)	60-min Mean Wind Speed (m/s)
11/5/2018	17:00	90	7.9
11/5/2018	18:00	90	7.7
11/5/2018	19:00	90	6.8
11/5/2018	20:00	90	6.2
11/5/2018	21:00	90	6.6
11/5/2018	22:00	90	6.9
11/5/2018	23:00	90	6.8
12/5/2018	0:00	80	6.2
12/5/2018	1:00	80	5.8
12/5/2018	2:00	80	4.5
12/5/2018	3:00	80	3.6
12/5/2018	4:00	90	3.3
12/5/2018	5:00	90	4.5
12/5/2018	6:00	80	4.4
12/5/2018	7:00	80	4.3
12/5/2018	8:00	70	3.8
12/5/2018	9:00	60	4.1
12/5/2018	10:00	50	4.7
12/5/2018	11:00	350	2.9
12/5/2018	12:00	280	2.6
12/5/2018	13:00	300	3.0
12/5/2018	14:00	310	3.0
12/5/2018	15:00	300	2.8
12/5/2018	16:00	20	3.4
12/5/2018	17:00	20	2.8
12/5/2018	18:00	350	2.1
12/5/2018	19:00	160	4.0
12/5/2018	20:00	160	4.5
12/5/2018	21:00	170	2.7
12/5/2018	22:00	150	2.3
12/5/2018	23:00	110	2.2
13/5/2018	0:00	30	2.5
13/5/2018	1:00	360	1.7
13/5/2018	2:00	60	1.9
13/5/2018	3:00	60	2.0
13/5/2018	4:00	80	1.5
13/5/2018	5:00	70	1.8
13/5/2018	6:00	80	2.0
13/5/2018	7:00	70	1.8
13/5/2018	8:00	40	1.9
13/5/2018	9:00	10	2.7
13/5/2018	10:00	270	5.2
13/5/2018	11:00	260	5.7
13/5/2018	12:00	240	5.7
13/5/2018	13:00	250	5.3
13/5/2018	14:00	250	5.6

Wind Station: Hong Kong International Airport (Chek Lap Kok)

<b>Date</b>	<b>Time</b>	<b>60-min Prevailing Wind Direction (deg)</b>	<b>60-min Mean Wind Speed (m/s)</b>
13/5/2018	15:00	240	5.4
13/5/2018	16:00	360	2.7
13/5/2018	17:00	230	4.7
13/5/2018	18:00	230	5.4
13/5/2018	19:00	230	3.6
13/5/2018	20:00	180	1.9
13/5/2018	21:00	230	2.8
13/5/2018	22:00	230	2.8
13/5/2018	23:00	70	2.5
14/5/2018	0:00	70	2.2
14/5/2018	1:00	210	3.6
14/5/2018	2:00	200	2.9
14/5/2018	3:00	230	1.8
14/5/2018	4:00	210	2.7
14/5/2018	5:00	190	2.5
14/5/2018	6:00	190	2.3
14/5/2018	7:00	200	1.7
14/5/2018	8:00	50	2.0
14/5/2018	9:00	240	3.4
14/5/2018	10:00	240	5.7
14/5/2018	11:00	250	6.2
14/5/2018	12:00	240	6.4
14/5/2018	13:00	240	5.4
14/5/2018	14:00	230	4.4
14/5/2018	15:00	230	5.5
14/5/2018	16:00	230	5.4
14/5/2018	17:00	230	5.2
14/5/2018	18:00	150	4.9
14/5/2018	19:00	180	4.7
14/5/2018	20:00	210	3.9
14/5/2018	21:00	190	2.7
14/5/2018	22:00	200	3.5
14/5/2018	23:00	160	3.2
15/5/2018	0:00	200	3.6
15/5/2018	1:00	190	3.2
15/5/2018	2:00	210	3.6
15/5/2018	3:00	190	3.2
15/5/2018	4:00	180	2.9
15/5/2018	5:00	190	2.7
15/5/2018	6:00	220	2.4
15/5/2018	7:00	190	2.8
15/5/2018	8:00	200	3.3
15/5/2018	9:00	210	2.3
15/5/2018	10:00	220	4.6
15/5/2018	11:00	150	4.9
15/5/2018	12:00	210	4.6

Wind Station: Hong Kong International Airport (Chek Lap Kok)

Date	Time	60-min Prevailing Wind Direction (deg)	60-min Mean Wind Speed (m/s)
15/5/2018	13:00	210	5.3
15/5/2018	14:00	150	5.4
15/5/2018	15:00	150	5.6
15/5/2018	16:00	160	4.8
15/5/2018	17:00	150	5.5
15/5/2018	18:00	150	6.2
15/5/2018	19:00	150	4.8
15/5/2018	20:00	160	3.8
15/5/2018	21:00	160	4.4
15/5/2018	22:00	160	4.6
15/5/2018	23:00	150	4.7
16/5/2018	0:00	150	5.2
16/5/2018	1:00	150	5.5
16/5/2018	2:00	150	5.6
16/5/2018	3:00	150	4.3
16/5/2018	4:00	160	3.2
16/5/2018	5:00	150	2.5
16/5/2018	6:00	160	1.9
16/5/2018	7:00	150	2.8
16/5/2018	8:00	160	3.1
16/5/2018	9:00	140	4.8
16/5/2018	10:00	140	5.0
16/5/2018	11:00	140	4.6
16/5/2018	12:00	140	5.4
16/5/2018	13:00	160	4.1
16/5/2018	14:00	230	5.1
16/5/2018	15:00	250	3.9
16/5/2018	16:00	220	3.6
16/5/2018	17:00	230	2.8
16/5/2018	18:00	230	4.1
16/5/2018	19:00	200	4.6
16/5/2018	20:00	170	3.4
16/5/2018	21:00	170	3.6
16/5/2018	22:00	160	4.4
16/5/2018	23:00	170	3.3
17/5/2018	0:00	170	2.4
17/5/2018	1:00	170	3.3
17/5/2018	2:00	180	3.3
17/5/2018	3:00	190	2.4
17/5/2018	4:00	190	3.0
17/5/2018	5:00	180	2.3
17/5/2018	6:00	220	2.1
17/5/2018	7:00	200	2.4
17/5/2018	8:00	190	2.7
17/5/2018	9:00	200	3.3
17/5/2018	10:00	230	3.3

Wind Station: Hong Kong International Airport (Chek Lap Kok)

<b>Date</b>	<b>Time</b>	<b>60-min Prevailing Wind Direction (deg)</b>	<b>60-min Mean Wind Speed (m/s)</b>
17/5/2018	11:00	240	4.4
17/5/2018	12:00	240	4.4
17/5/2018	13:00	240	4.3
17/5/2018	14:00	220	5.0
17/5/2018	15:00	210	4.8
17/5/2018	16:00	220	4.7
17/5/2018	17:00	160	5.0
17/5/2018	18:00	170	3.7
17/5/2018	19:00	190	4.3
17/5/2018	20:00	180	2.8
17/5/2018	21:00	170	2.7
17/5/2018	22:00	150	2.0
17/5/2018	23:00	320	1.3

Annex A3

## 1-hour TSP Monitoring Results



### 1-hour TSP Monitoring Results at Station DM-1

Date	Start Time	Finish Time	Weather	1-hour TSP ( $\mu\text{g}/\text{m}^3$ )
04/05/2018	8:36	9:36	Cloudy	51
04/05/2018	9:36	10:36	Cloudy	52
04/05/2018	10:36	11:36	Cloudy	58
05/05/2018	8:07	9:07	Sunny	33
05/05/2018	9:07	10:07	Sunny	29
05/05/2018	10:07	11:07	Sunny	25
06/05/2018	7:51	8:51	Sunny	49
06/05/2018	8:51	9:51	Sunny	52
06/05/2018	9:51	10:51	Sunny	46
07/05/2018	7:47	8:47	Sunny	47
07/05/2018	8:47	9:47	Sunny	45
07/05/2018	9:47	10:47	Sunny	47
08/05/2018	8:01	9:01	Cloudy	46
08/05/2018	9:01	10:01	Cloudy	41
08/05/2018	10:01	11:01	Cloudy	32
09/05/2018	7:48	8:48	Rainy	70
09/05/2018	8:48	9:48	Rainy	55
09/05/2018	9:48	10:48	Rainy	62
10/05/2018	13:26	14:26	Cloudy	35
10/05/2018	14:26	15:26	Cloudy	43
10/05/2018	15:26	16:26	Cloudy	34
11/05/2018	13:13	14:13	Sunny	47
11/05/2018	14:13	15:13	Sunny	50
11/05/2018	15:13	16:13	Sunny	48
12/05/2018	13:10	14:10	Sunny	41
12/05/2018	14:10	15:10	Sunny	48
12/05/2018	15:10	16:10	Sunny	49
13/05/2018	8:40	9:40	Sunny	56
13/05/2018	9:40	10:40	Sunny	50
13/05/2018	10:40	11:40	Sunny	48
14/05/2018	7:48	8:48	Sunny	74 *
14/05/2018	8:48	9:48	Sunny	43 *
14/05/2018	9:48	10:48	Sunny	76 *
15/05/2018	8:16	9:16	Sunny	76 *
15/05/2018	9:16	10:16	Sunny	44 *
15/05/2018	10:16	11:16	Sunny	71 *
16/05/2018	13:31	14:31	Sunny	42
16/05/2018	14:31	15:31	Sunny	40
16/05/2018	15:31	16:31	Sunny	47
17/05/2018	13:10	14:10	Sunny	72 *
17/05/2018	14:10	15:10	Sunny	72 *
17/05/2018	15:10	16:10	Sunny	42 *

\* The data were checked and it is confirmed that there were no major dust sources identified during the monitoring period.

<b>Min</b>	<b>25</b>
<b>Max</b>	<b>76</b>
<b>Average</b>	<b>49.7</b>

**1-hour TSP Monitoring Results at Station DM-2A**

Date	Start Time	Finish Time	Weather	1-hour TSP ( $\mu\text{g}/\text{m}^3$ )
04/05/2018	8:21	9:21	Cloudy	54
04/05/2018	9:21	10:21	Cloudy	54
04/05/2018	10:21	11:21	Cloudy	55
05/05/2018	8:13	9:13	Sunny	35
05/05/2018	9:13	10:13	Sunny	33
05/05/2018	10:13	11:13	Sunny	33
06/05/2018	7:41	8:41	Sunny	51
06/05/2018	8:41	9:41	Sunny	42
06/05/2018	9:41	10:41	Sunny	39
07/05/2018	7:52	8:52	Sunny	49
07/05/2018	8:52	9:52	Sunny	48
07/05/2018	9:52	10:52	Sunny	49
08/05/2018	8:07	9:07	Cloudy	42
08/05/2018	9:07	10:07	Cloudy	32
08/05/2018	10:07	11:07	Cloudy	32
09/05/2018	7:56	8:56	Rainy	39
09/05/2018	8:56	9:56	Rainy	52
09/05/2018	9:56	10:56	Rainy	60
10/05/2018	13:31	14:31	Cloudy	44
10/05/2018	14:31	15:31	Cloudy	45
10/05/2018	15:31	16:31	Cloudy	48
11/05/2018	13:18	14:18	Sunny	54
11/05/2018	14:18	15:18	Sunny	57
11/05/2018	15:18	16:18	Sunny	52
12/05/2018	13:20	14:20	Sunny	75 *
12/05/2018	14:20	15:20	Sunny	32 *
12/05/2018	15:20	16:20	Sunny	34 *
13/05/2018	8:50	9:50	Sunny	41
13/05/2018	9:50	10:50	Sunny	45
13/05/2018	10:50	11:50	Sunny	39
14/05/2018	7:54	8:54	Sunny	33
14/05/2018	8:54	9:54	Sunny	38
14/05/2018	9:54	10:54	Sunny	38
15/05/2018	8:21	9:21	Sunny	39
15/05/2018	9:21	10:21	Sunny	37
15/05/2018	10:21	11:21	Sunny	39
16/05/2018	13:26	14:26	Sunny	24
16/05/2018	14:26	15:26	Sunny	28
16/05/2018	15:26	16:26	Sunny	39
17/05/2018	13:22	14:22	Sunny	33
17/05/2018	14:22	15:22	Sunny	33
17/05/2018	15:22	16:22	Sunny	36

\* The data were checked and it is confirmed that there were no major dust sources identified during the monitoring period.

**Min**            **24**  
**Max**            **75**  
**Average**       **42.4**

**1-hour TSP Monitoring Results at Station DM-3A**

Date	Start Time	Finish Time	Weather	1-hour TSP ( $\mu\text{g}/\text{m}^3$ )
04/05/2018	8:28	9:28	Cloudy	56
04/05/2018	9:28	10:28	Cloudy	55
04/05/2018	10:28	11:28	Cloudy	52
05/05/2018	8:01	9:01	Sunny	37
05/05/2018	9:01	10:01	Sunny	34
05/05/2018	10:01	11:01	Sunny	32
06/05/2018	7:46	8:46	Sunny	30
06/05/2018	8:46	9:46	Sunny	26
06/05/2018	9:46	10:46	Sunny	28
07/05/2018	7:58	8:58	Sunny	29
07/05/2018	8:58	9:58	Sunny	49
07/05/2018	9:58	10:58	Sunny	28
08/05/2018	8:15	9:15	Cloudy	24
08/05/2018	9:15	10:15	Cloudy	38
08/05/2018	10:15	11:15	Cloudy	27
09/05/2018	8:01	9:01	Rainy	47
09/05/2018	9:01	10:01	Rainy	58
09/05/2018	10:01	11:01	Rainy	56
10/05/2018	13:36	14:36	Cloudy	48
10/05/2018	14:36	15:36	Cloudy	43
10/05/2018	15:36	16:36	Cloudy	46
11/05/2018	13:23	14:23	Sunny	58
11/05/2018	14:23	15:23	Sunny	60
11/05/2018	15:23	16:23	Sunny	63
12/05/2018	13:02	14:02	Sunny	55
12/05/2018	14:02	15:02	Sunny	51
12/05/2018	15:02	16:02	Sunny	52
13/05/2018	8:32	9:32	Sunny	46
13/05/2018	9:32	10:32	Sunny	41
13/05/2018	10:32	11:32	Sunny	46
14/05/2018	8:00	9:00	Sunny	33
14/05/2018	9:00	10:00	Sunny	36
14/05/2018	10:00	11:00	Sunny	35
15/05/2018	8:28	9:28	Sunny	28
15/05/2018	9:28	10:28	Sunny	39
15/05/2018	10:28	11:28	Sunny	29
16/05/2018	13:36	14:36	Sunny	35
16/05/2018	14:36	15:36	Sunny	28
16/05/2018	15:36	16:36	Sunny	34
17/05/2018	13:26	14:26	Sunny	32
17/05/2018	14:26	15:26	Sunny	38
17/05/2018	15:26	16:26	Sunny	34

**Min**            **24**  
**Max**            **63**  
**Average**      **40.9**

**1-hour TSP Monitoring Results at Station DM-4A**

Date	Start Time	Finish Time	Weather	1-hour TSP ( $\mu\text{g}/\text{m}^3$ )
04/05/2018	9:06	10:06	Sunny	36
04/05/2018	10:06	11:06	Sunny	36
04/05/2018	11:06	12:06	Sunny	45
05/05/2018	8:42	9:42	Sunny	30
05/05/2018	9:42	10:42	Sunny	26
05/05/2018	10:42	11:42	Sunny	25
06/05/2018	8:19	9:19	Sunny	44
06/05/2018	9:19	10:19	Sunny	46
06/05/2018	10:19	11:19	Sunny	44
07/05/2018	8:20	9:20	Sunny	48
07/05/2018	9:20	10:20	Sunny	47
07/05/2018	10:20	11:20	Sunny	48
08/05/2018	8:43	9:43	Cloudy	42
08/05/2018	9:43	10:43	Cloudy	48
08/05/2018	10:43	11:43	Cloudy	45
09/05/2018	8:30	9:30	Rainy	44
09/05/2018	9:30	10:30	Rainy	60
09/05/2018	10:30	11:30	Rainy	57
10/05/2018	14:02	15:02	Cloudy	57
10/05/2018	15:02	16:02	Cloudy	39
10/05/2018	16:02	17:02	Cloudy	43
11/05/2018	13:48	14:48	Sunny	38
11/05/2018	14:48	15:48	Sunny	48
11/05/2018	15:48	16:48	Sunny	36
12/05/2018	13:40	14:40	Sunny	47
12/05/2018	14:40	15:40	Sunny	42
12/05/2018	15:40	16:40	Sunny	45
13/05/2018	9:10	10:10	Sunny	47
13/05/2018	10:10	11:10	Sunny	42
13/05/2018	11:10	12:10	Sunny	43
14/05/2018	8:26	9:26	Sunny	42
14/05/2018	9:26	10:26	Sunny	42
14/05/2018	10:26	11:26	Sunny	42
15/05/2018	8:52	9:52	Sunny	74
15/05/2018	9:52	10:52	Sunny	74
15/05/2018	10:52	11:52	Sunny	73
16/05/2018	14:00	15:00	Sunny	42 *
16/05/2018	15:00	16:00	Sunny	40 *
16/05/2018	16:00	17:00	Sunny	73 *
17/05/2018	13:53	14:53	Sunny	43
17/05/2018	14:53	15:53	Sunny	42
17/05/2018	15:53	16:53	Sunny	44

\* The data were checked and it is confirmed that there were no major dust sources identified during the monitoring period.

**Min**                **25**  
**Max**                **74**  
**Average**           **45.9**

Annex A4

## Graphical Presentation of 1- hour TSP Monitoring Results

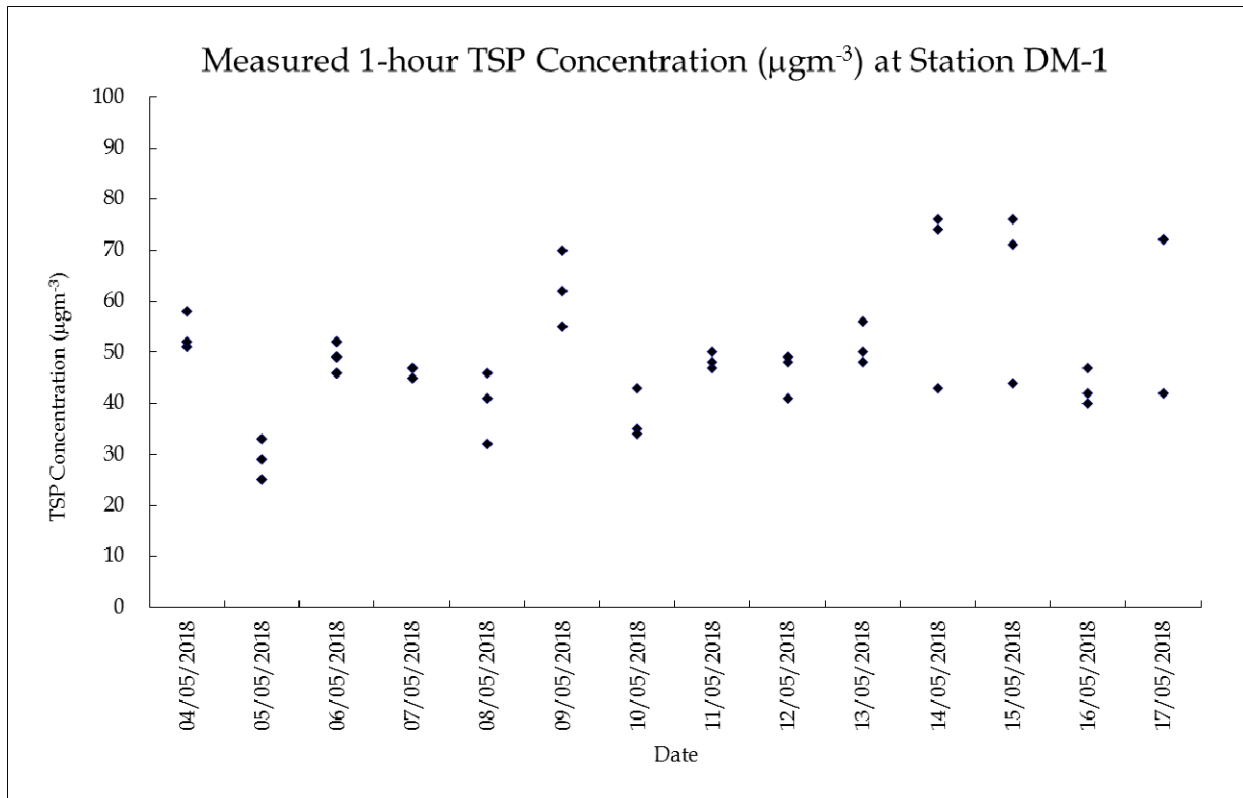


Figure 1: Measured 1-hour TSP Concentration at Station DM-1 between 4 and 17 May 2018

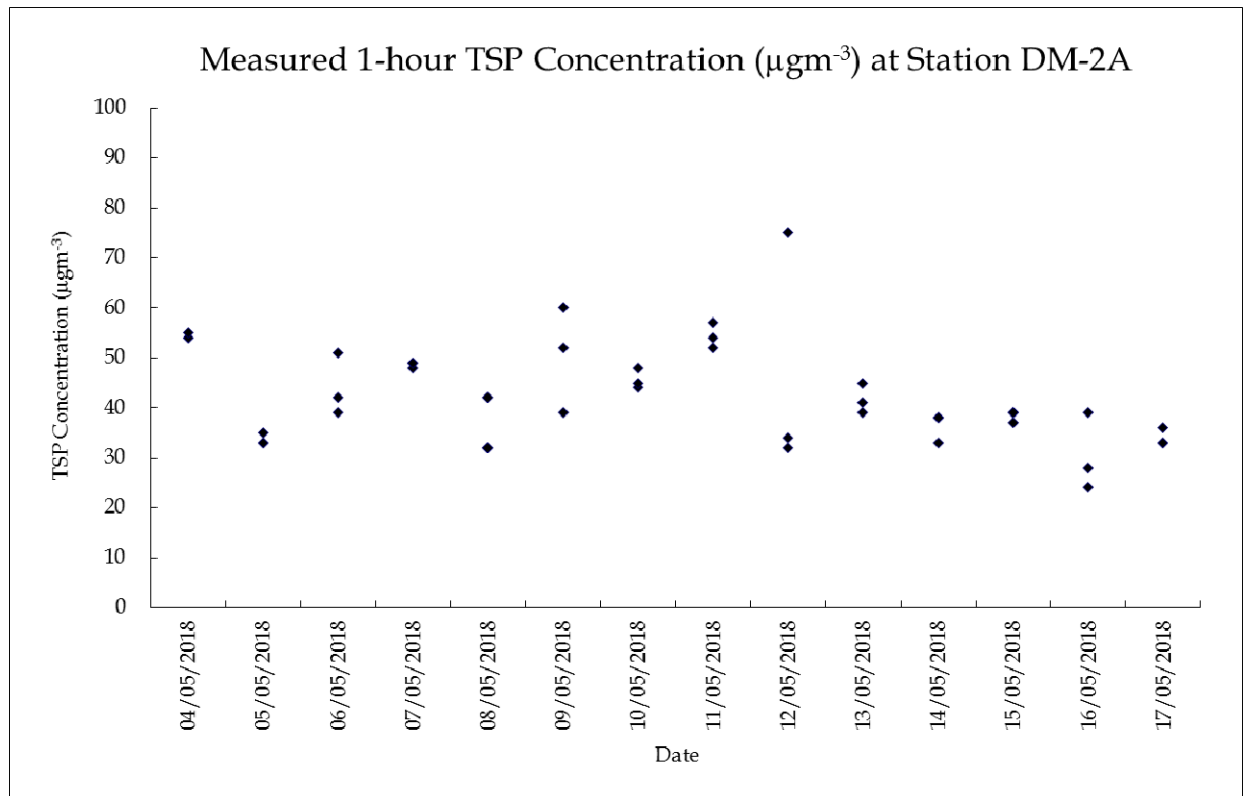


Figure 2: Measured 1-hour TSP Concentration at Station DM-2A between 4 and 17 May 2018

Source: P:\Projects\0445700 CEDD ET for Tung Chung.JT\02\_Deliverable\08 Baseline Monitoring Report\Annex

Date: May 2018

**Environmental  
Resources  
Management**



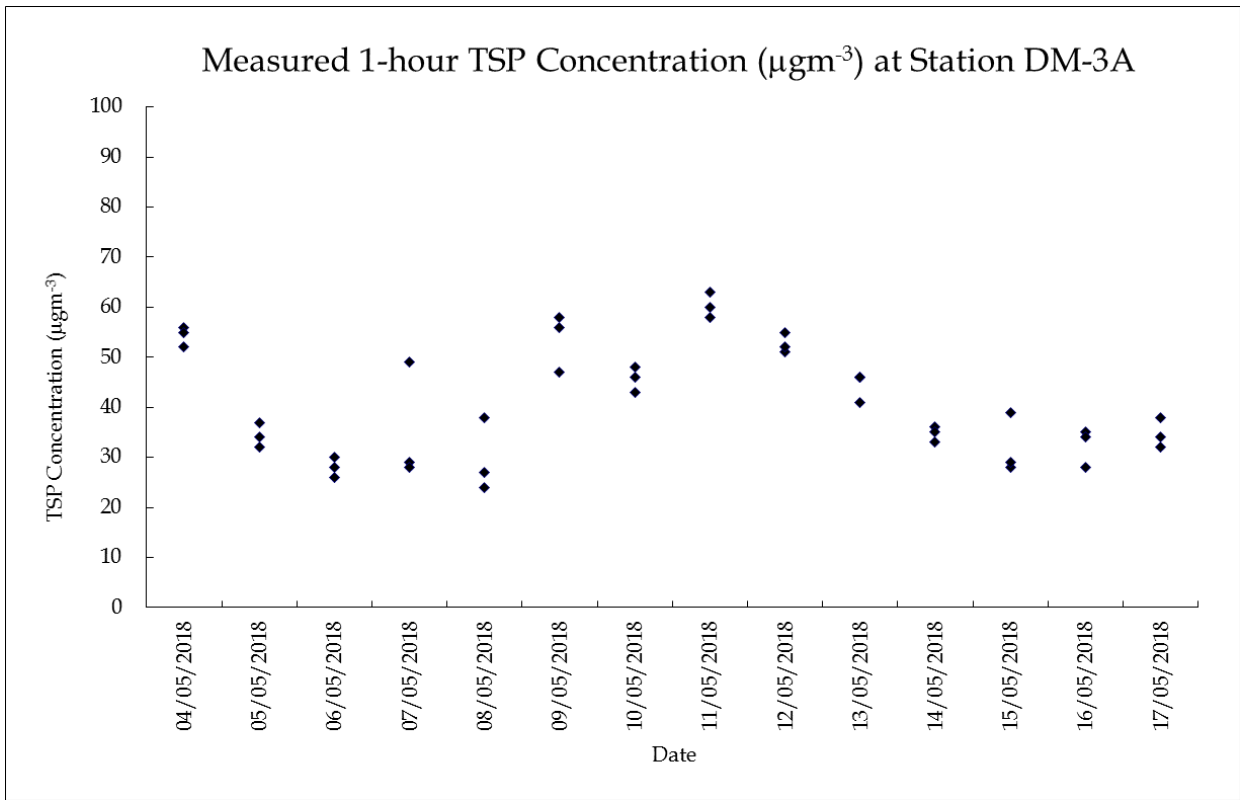


Figure 3: Measured 1-hour TSP Concentration at Station DM-3A between 4 and 17 May 2018

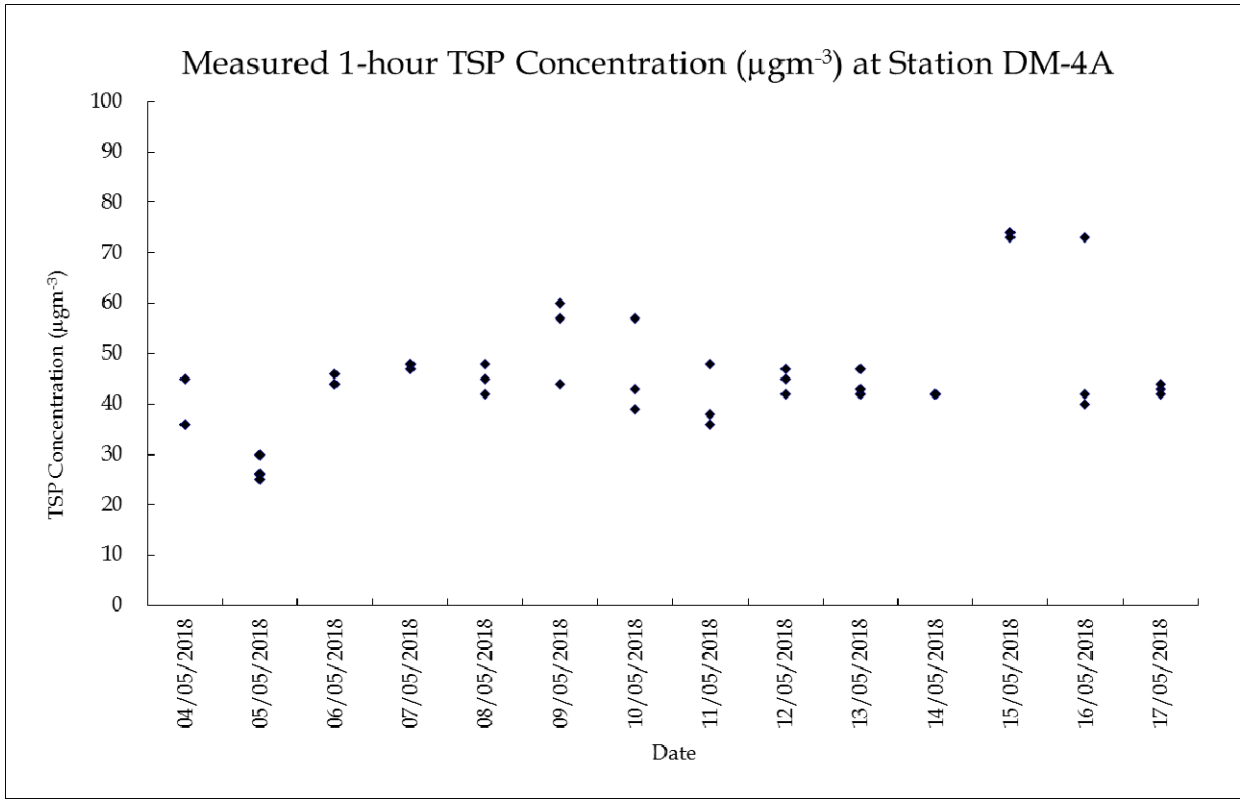
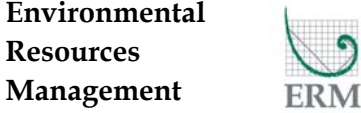


Figure 4: Measured 1-hour TSP Concentration at Station DM-4A between 4 and 17 May 2018

Source: P:\Projects\0445700 CEDD ET for Tung Chung.JT\02\_Deliverable\08 Baseline Monitoring Report\Annex  
 Date: May 2018



Annex B

## Noise



Annex B1

# Calibration Certificates for the Noise Monitoring Equipment



# Certificate of Calibration 校正證書

Certificate No. : C173884  
證書編號

**ITEM TESTED / 送檢項目 (Job No. / 序引編號 : IC17-1541)**      Date of Receipt / 收件日期 : 3 July 2017  
Description / 儀器名稱 : Sound Level Meter  
Manufacturer / 製造商 : Rion  
Model No. / 型號 : NL-31  
Serial No. / 編號 : 00603867  
Supplied By / 委託者 : Envirotech Services Co.  
Room 113, 1/F, My Loft, 9 Hoi Wing Road, Tuen Mun,  
New Territories, Hong Kong

## TEST CONDITIONS / 測試條件

Temperature / 溫度 :  $(23 \pm 2)^{\circ}\text{C}$       Relative Humidity / 相對濕度 :  $(55 \pm 20)\%$   
Line Voltage / 電壓 : ---

## TEST SPECIFICATIONS / 測試規範

Calibration

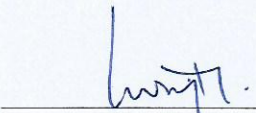
**DATE OF TEST / 測試日期** : 16 July 2017

## TEST RESULTS / 測試結果

The results apply to the particular unit-under-test only.  
The results do not exceed manufacturer's specification. (after adjustment)  
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 : 17 July 2017  
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.

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。

# Certificate of Calibration

## 校正證書

Certificate No. : C173884  
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 the internal standard (After Adjustment) was performed before the test 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	C170048
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 Adjustment

UUT Setting				Applied Value		UUT Reading (dB)	IEC 61672 Class 1 Spec. (dB)
Range (dB)	Mode	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)		
30 - 120	L <sub>A</sub>	A	Fast	94.00	1	* 92.5	± 1.1

\* Out of IEC 61672 Class 1 Spec.

##### 6.1.1.2 After Adjustment

UUT Setting				Applied Value		UUT Reading (dB)	IEC 61672 Class 1 Spec. (dB)
Range (dB)	Mode	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)		
30 - 120	L <sub>A</sub>	A	Fast	94.00	1	93.9	± 1.1

### 6.1.2 Linearity

UUT Setting				Applied Value		UUT Reading (dB)
Range (dB)	Mode	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)	
30 - 120	L <sub>A</sub>	A	Fast	94.00	1	93.9 (Ref.)
				104.00		104.1
				114.00		114.4

IEC 61672 Class 1 Spec. : ± 0.6 dB per 10 dB step and ± 1.1 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書面批准。

# Certificate of Calibration

## 校正證書

Certificate No. : C173884  
證書編號

### 6.2 Time Weighting

UUT Setting				Applied Value		UUT Reading (dB)	IEC 61672 Class 1 Spec. (dB)
Range (dB)	Mode	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)		
30 - 120	L <sub>A</sub>	A	Fast	94.00	1	93.9	Ref.
			Slow			93.8	± 0.3

### 6.3 Frequency Weighting

#### 6.3.1 A-Weighting

UUT Setting				Applied Value		UUT Reading (dB)	IEC 61672 Class 1 Spec. (dB)
Range (dB)	Mode	Frequency Weighting	Time Weighting	Level (dB)	Freq.		
30 - 120	L <sub>A</sub>	A	Fast	94.00	63 Hz	67.6	-26.2 ± 1.5
					125 Hz	77.6	-16.1 ± 1.5
					250 Hz	85.2	-8.6 ± 1.4
					500 Hz	90.6	-3.2 ± 1.4
					1 kHz	93.9	Ref.
					2 kHz	95.1	+1.2 ± 1.6
					4 kHz	95.0	+1.0 ± 1.6
					8 kHz	92.8	-1.1 (+2.1 ; -3.1)
					12.5 kHz	89.9	-4.3 (+3.0 ; -6.0)

#### 6.3.2 C-Weighting

UUT Setting				Applied Value		UUT Reading (dB)	IEC 61672 Class 1 Spec. (dB)
Range (dB)	Mode	Frequency Weighting	Time Weighting	Level (dB)	Freq.		
30 - 120	L <sub>C</sub>	C	Fast	94.00	63 Hz	92.9	-0.8 ± 1.5
					125 Hz	93.7	-0.2 ± 1.5
					250 Hz	93.9	0.0 ± 1.4
					500 Hz	93.9	0.0 ± 1.4
					1 kHz	93.9	Ref.
					2 kHz	93.8	-0.2 ± 1.6
					4 kHz	93.2	-0.8 ± 1.6
					8 kHz	90.9	-3.0 (+2.1 ; -3.1)
					12.5 kHz	88.1	-6.2 (+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書面批准。



輝創工程有限公司

Sun Creation Engineering Limited

Calibration and Testing Laboratory

# Certificate of Calibration

## 校正證書

Certificate No. : C173884  
證書編號

Remarks : - UUT Microphone Model No. : UC-53A & S/N : 316987

- Mfr's Spec. : IEC 61672 Class 1

- Uncertainties of Applied Value : 94 dB : 63 Hz - 125 Hz :  $\pm 0.35$  dB  
250 Hz - 500 Hz :  $\pm 0.30$  dB  
1 kHz :  $\pm 0.20$  dB  
2 kHz - 4 kHz :  $\pm 0.35$  dB  
8 kHz :  $\pm 0.45$  dB  
12.5 kHz :  $\pm 0.70$  dB  
104 dB : 1 kHz :  $\pm 0.10$  dB (Ref. 94 dB)  
114 dB : 1 kHz :  $\pm 0.10$  dB (Ref. 94 dB)

- 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.

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書面批准。

Sun Creation Engineering Limited Calibration & Testing Laboratory

c/o 4/F. Tsing Shan Wan Exchange Building, 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青山灣機樓四樓

Tel: 電話: 2927 2606 Fax: 傳真: 2744 8986 E-mail: 電郵: callab@suncreation.com Website: 網址: www.suncreation.com



# Certificate of Calibration 校正證書

Certificate No. : C173613  
證書編號

ITEM TESTED / 送檢項目 ( Job No. / 序引編號 : IC17-1398 )      Date of Receipt / 收件日期 : 21 June 2017  
Description / 儀器名稱 : Sound Level Meter  
Manufacturer / 製造商 : Rion  
Model No. / 型號 : NL-52  
Serial No. / 編號 : 00131627  
Supplied By / 委託者 : Envirotech Services Co.  
Room 113, 1/F, My Loft, 9 Hoi Wing Road, Tuen Mun,  
New Territories, Hong Kong

## TEST CONDITIONS / 測試條件

Temperature / 溫度 :  $(23 \pm 2)^{\circ}\text{C}$       Relative Humidity / 相對濕度 :  $(55 \pm 20)\%$   
Line Voltage / 電壓 : ---

## TEST SPECIFICATIONS / 測試規範

Calibration

DATE OF TEST / 測試日期 : 4 July 2017

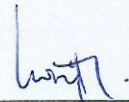
## TEST RESULTS / 測試結果

The results apply to the particular unit-under-test only.  
The results do not exceed manufacturer's specification. (after adjustment)  
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 : 4 July 2017  
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.  
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書面批准。

# Certificate of Calibration

## 校正證書

Certificate No. : C173613

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 the internal standard (After Adjustment) was performed before the test 6.1.1.2 to 6.3.2.
- The results presented are the mean of 3 measurements at each calibration point.
- Test equipment :

Equipment ID	Description	Certificate No.
CL280	40 MHz Arbitrary Waveform Generator	C170048
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 Adjustment

UUT Setting				Applied Value		UUT Reading (dB)	IEC 61672 Class 1 Spec. (dB)
Range (dB)	Function	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)		
30 - 130	L <sub>A</sub>	A	Fast	94.00	1	* 92.8	± 1.1

\* Out of IEC 61672 Class 1 Spec.

##### 6.1.1.2 After Adjustment

UUT Setting				Applied Value		UUT Reading (dB)	IEC 61672 Class 1 Spec. (dB)
Range (dB)	Function	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)		
30 - 130	L <sub>A</sub>	A	Fast	94.00	1	94.0	± 1.1

### 6.1.2 Linearity

UUT Setting				Applied Value		UUT Reading (dB)
Range (dB)	Function	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)	
30 - 130	L <sub>A</sub>	A	Fast	94.00	1	94.0 (Ref.)
				104.00		104.0
				114.00		114.0

IEC 61672 Class 1 Spec. : ± 0.6 dB per 10 dB step and ± 1.1 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. : C173613

證書編號

### 6.2 Time Weighting

UUT Setting				Applied Value		UUT Reading (dB)	IEC 61672 Class 1 Spec. (dB)
Range (dB)	Function	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)		
30 - 130	L <sub>A</sub>	A	Fast	94.00	1	94.0	Ref.
			Slow			94.0	± 0.3

### 6.3 Frequency Weighting

#### 6.3.1 A-Weighting

UUT Setting				Applied Value		UUT Reading (dB)	IEC 61672 Class 1 Spec. (dB)
Range (dB)	Function	Frequency Weighting	Time Weighting	Level (dB)	Freq.		
30 - 130	L <sub>A</sub>	A	Fast	94.00	63 Hz	67.7	-26.2 ± 1.5
					125 Hz	77.8	-16.1 ± 1.5
					250 Hz	85.3	-8.6 ± 1.4
					500 Hz	90.7	-3.2 ± 1.4
					1 kHz	94.0	Ref.
					2 kHz	95.2	+1.2 ± 1.6
					4 kHz	95.0	+1.0 ± 1.6
					8 kHz	92.9	-1.1 (+2.1 ; -3.1)
					12.5 kHz	89.6	-4.3 (+3.0 ; -6.0)

#### 6.3.2 C-Weighting

UUT Setting				Applied Value		UUT Reading (dB)	IEC 61672 Class 1 Spec. (dB)
Range (dB)	Function	Frequency Weighting	Time Weighting	Level (dB)	Freq.		
30 - 130	L <sub>C</sub>	C	Fast	94.00	63 Hz	93.2	-0.8 ± 1.5
					125 Hz	93.8	-0.2 ± 1.5
					250 Hz	94.0	0.0 ± 1.4
					500 Hz	94.0	0.0 ± 1.4
					1 kHz	94.0	Ref.
					2 kHz	93.8	-0.2 ± 1.6
					4 kHz	93.2	-0.8 ± 1.6
					8 kHz	91.0	-3.0 (+2.1 ; -3.1)
					12.5 kHz	87.6	-6.2 (+3.0 ; -6.0)

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# Certificate of Calibration

## 校正證書

Certificate No. : C173613  
證書編號

Remarks : - UUT Microphone Model No. : UC-59 & S/N : 04870

- Mfr's Spec. : IEC 61672 Class 1

- Uncertainties of Applied Value :

94 dB	: 63 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)

- 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.

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Sun Creation Engineering Limited - Calibration & Testing Laboratory

c/o 4 E, Tsing Shan Wan Exchange Building, 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青山灣機樓四樓

Tel 電話: 2927 2606 Fax 傳真: 2744 8986 E-mail 電郵: calllab@suncreation.com Website 網址: www.suncreation.com



# Certificate of Calibration 校正證書

Certificate No. : C172992  
證書編號

ITEM TESTED / 送檢項目 ( Job No. / 序引編號 : IC17-1162 )      Date of Receipt / 收件日期 : 23 May 2017

Description / 儀器名稱 : Sound Level Meter  
Manufacturer / 製造商 : Rion  
Model No. / 型號 : NL-52  
Serial No. / 編號 : 00331805  
Supplied By / 委託者 : Envirotech Services Co.  
Room 113, 1/F, My Loft, 9 Hoi Wing Road, Tuen Mun,  
New Territories, Hong Kong

## TEST CONDITIONS / 測試條件

Temperature / 溫度 : (23 ± 2)°C      Relative Humidity / 相對濕度 : (55 ± 20)%  
Line Voltage / 電壓 : ---

## TEST SPECIFICATIONS / 測試規範

Calibration check

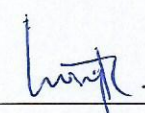
DATE OF TEST / 測試日期 : 2 June 2017

## 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
- Fluke Everett Service Center, USA
- Rohde & Schwarz Laboratory, Germany

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

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

Date of Issue : 2 June 2017  
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. : C172992  
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 was performed before the test.
- The results presented are the mean of 3 measurements at each calibration point.
- Test equipment :

Equipment ID	Description	Certificate No.
CL280	40 MHz Arbitrary Waveform Generator	C170048
CL281	Multifunction Acoustic Calibrator	PA160023

- Test procedure : MA101N.

- Results :

- 6.1 Sound Pressure Level

- 6.1.1 Reference Sound Pressure Level

UUT Setting				Applied Value		UUT Reading (dB)	IEC 61672 Class 1 Spec. (dB)
Range (dB)	Function	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)		
30 - 130	L <sub>A</sub>	A	Fast	94.00	1	94.1	± 1.1

- 6.1.2 Linearity

UUT Setting				Applied Value		UUT Reading (dB)
Range (dB)	Function	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)	
30 - 130	L <sub>A</sub>	A	Fast	94.00	1	94.1 (Ref.)
				104.00		104.1
				114.00		114.1

IEC 61672 Class 1 Spec. : ± 0.6 dB per 10 dB step and ± 1.1 dB for overall different.

- 6.2 Time Weighting

UUT Setting				Applied Value		UUT Reading (dB)	IEC 61672 Class 1 Spec. (dB)
Range (dB)	Function	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)		
30 - 130	L <sub>A</sub>	A	Fast	94.00	1	94.1	Ref.
			Slow			94.1	± 0.3

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. : C172992

證書編號

### 6.3 Frequency Weighting

#### 6.3.1 A-Weighting

UUT Setting				Applied Value		UUT Reading (dB)	IEC 61672 Class 1 Spec. (dB)
Range (dB)	Function	Frequency Weighting	Time Weighting	Level (dB)	Freq.		
30 - 130	L <sub>A</sub>	A	Fast	94.00	63 Hz	67.8	-26.2 ± 1.5
					125 Hz	77.8	-16.1 ± 1.5
					250 Hz	85.4	-8.6 ± 1.4
					500 Hz	90.8	-3.2 ± 1.4
					1 kHz	94.1	Ref.
					2 kHz	95.3	+1.2 ± 1.6
					4 kHz	95.1	+1.0 ± 1.6
					8 kHz	93.1	-1.1 (+2.1 ; -3.1)
					12.5 kHz	89.7	-4.3 (+3.0 ; -6.0)

#### 6.3.2 C-Weighting

UUT Setting				Applied Value		UUT Reading (dB)	IEC 61672 Class 1 Spec. (dB)
Range (dB)	Function	Frequency Weighting	Time Weighting	Level (dB)	Freq.		
30 - 130	L <sub>C</sub>	C	Fast	94.00	63 Hz	93.1	-0.8 ± 1.5
					125 Hz	93.9	-0.2 ± 1.5
					250 Hz	94.1	0.0 ± 1.4
					500 Hz	94.1	0.0 ± 1.4
					1 kHz	94.1	Ref.
					2 kHz	93.9	-0.2 ± 1.6
					4 kHz	93.3	-0.8 ± 1.6
					8 kHz	91.2	-3.0 (+2.1 ; -3.1)
					12.5 kHz	87.7	-6.2 (+3.0 ; -6.0)

Remarks : - UUT Microphone Model No. : UC-59 & S/N : 04870

- Mfr's Spec. : IEC 61672 Class 1

- Uncertainties of Applied Value :

94 dB	63 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)

- 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. : C181259  
證書編號

**ITEM TESTED / 送檢項目 (Job No. / 序引編號 : IC18-0475)**      Date of Receipt / 收件日期 : 5 March 2018  
Description / 儀器名稱 : Sound Level Meter  
Manufacturer / 製造商 : Rion  
Model No. / 型號 : NL-52  
Serial No. / 編號 : 01010406  
Supplied By / 委託者 : Envirotech Services Co.  
Room 113, 1/F, My Loft, 9 Hoi Wing Road, Tuen Mun,  
New Territories, Hong Kong

## 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

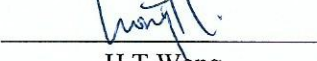
**DATE OF TEST / 測試日期** : 11 March 2018

## 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 : 12 March 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. : C181259  
證書編號

1. 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.
2. Self-calibration was performed before the test.
3. 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

UUT Setting				Applied Value		UUT Reading (dB)	IEC 61672 Class 1 Spec. (dB)
Range (dB)	Function	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)		
30 - 130	L <sub>A</sub>	A	Fast	94.00	1	94.1	± 1.1

- 6.1.2 Linearity

UUT Setting				Applied Value		UUT Reading (dB)
Range (dB)	Function	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)	
30 - 130	L <sub>A</sub>	A	Fast	94.00	1	94.1 (Ref.)
				104.00		104.1
				114.00		114.1

IEC 61672 Class 1 Spec. : ± 0.6 dB per 10 dB step and ± 1.1 dB for overall different.

- 6.2 Time Weighting

UUT Setting				Applied Value		UUT Reading (dB)	IEC 61672 Class 1 Spec. (dB)
Range (dB)	Function	Frequency Weighting	Time Weighting	Level (dB)	Freq. (kHz)		
30 - 130	L <sub>A</sub>	A	Fast	94.00	1	94.1	Ref.
			Slow				± 0.3

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. : C181259  
證書編號

### 6.3 Frequency Weighting

#### 6.3.1 A-Weighting

UUT Setting				Applied Value		UUT Reading (dB)	IEC 61672 Class 1 Spec. (dB)
Range (dB)	Function	Frequency Weighting	Time Weighting	Level (dB)	Freq.		
30 - 130	L <sub>A</sub>	A	Fast	94.00	63 Hz	67.8	-26.2 ± 1.5
					125 Hz	77.9	-16.1 ± 1.5
					250 Hz	85.4	-8.6 ± 1.4
					500 Hz	90.9	-3.2 ± 1.4
					1 kHz	94.1	Ref.
					2 kHz	95.3	+1.2 ± 1.6
					4 kHz	95.1	+1.0 ± 1.6
					8 kHz	93.1	-1.1 (+2.1 ; -3.1)
					12.5 kHz	89.7	-4.3 (+3.0 ; -6.0)

#### 6.3.2 C-Weighting

UUT Setting				Applied Value		UUT Reading (dB)	IEC 61672 Class 1 Spec. (dB)
Range (dB)	Function	Frequency Weighting	Time Weighting	Level (dB)	Freq.		
30 - 130	L <sub>C</sub>	C	Fast	94.00	63 Hz	93.3	-0.8 ± 1.5
					125 Hz	93.9	-0.2 ± 1.5
					250 Hz	94.1	0.0 ± 1.4
					500 Hz	94.1	0.0 ± 1.4
					1 kHz	94.1	Ref.
					2 kHz	93.9	-0.2 ± 1.6
					4 kHz	93.3	-0.8 ± 1.6
					8 kHz	91.2	-3.0 (+2.1 ; -3.1)
					12.5 kHz	87.7	-6.2 (+3.0 ; -6.0)

Remarks : - UUT Microphone Model No. : UC-59 & S/N : 04870

- Mfr's Spec. : IEC 61672 Class 1

- Uncertainties of Applied Value :

94 dB	63 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)

- 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.

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Annex B2

## Noise Monitoring Results



Measured Noise Levels (dB(A)) at NMS-CA-1A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
4/5/2018 12:00	66.0	69.4	58.3	64.2
4/5/2018 12:05	61.8	64.9	57.0	
4/5/2018 12:10	62.8	66.0	57.8	
4/5/2018 12:15	63.8	66.8	57.2	
4/5/2018 12:20	65.4	69.0	58.0	
4/5/2018 12:25	63.9	67.3	57.3	64.4
4/5/2018 12:30	66.3	70.2	59.1	
4/5/2018 12:35	62.4	65.6	57.4	
4/5/2018 12:40	64.0	67.4	57.9	
4/5/2018 12:45	63.9	67.4	57.7	
4/5/2018 12:50	62.8	65.9	56.4	64.5
4/5/2018 12:55	65.4	69.0	56.9	
4/5/2018 13:00	64.3	67.7	57.1	
4/5/2018 13:05	63.2	66.7	56.8	
4/5/2018 13:10	63.6	66.2	58.0	
4/5/2018 13:15	64.8	66.7	57.2	63.7
4/5/2018 13:20	65.8	69.5	58.6	
4/5/2018 13:25	65.0	68.4	59.5	
4/5/2018 13:30	63.0	65.9	58.1	
4/5/2018 13:35	62.7	64.2	57.4	
4/5/2018 13:40	63.6	67.0	57.4	64.4
4/5/2018 13:45	64.3	68.0	57.8	
4/5/2018 13:50	63.7	67.2	57.5	
4/5/2018 13:55	64.4	68.4	57.3	
4/5/2018 14:00	65.4	68.6	59.4	
4/5/2018 14:05	62.7	65.4	57.6	65.6
4/5/2018 14:10	64.2	68.3	58.6	
4/5/2018 14:15	64.7	68.0	59.6	
4/5/2018 14:20	64.5	67.7	59.0	
4/5/2018 14:25	64.7	68.6	57.8	
4/5/2018 14:30	64.3	67.6	59.4	64.0
4/5/2018 14:35	61.6	64.2	58.0	
4/5/2018 14:40	62.6	65.7	58.0	
4/5/2018 14:45	69.6	74.5	57.7	
4/5/2018 14:50	65.2	68.6	59.0	
4/5/2018 14:55	65.6	68.2	58.3	65.9
4/5/2018 15:00	64.5	68.0	59.9	
4/5/2018 15:05	63.7	67.4	59.3	
4/5/2018 15:10	63.9	66.8	59.9	
4/5/2018 15:15	63.7	66.4	60.0	
4/5/2018 15:20	63.2	66.2	59.2	64.9
4/5/2018 15:25	64.6	67.3	60.8	
4/5/2018 15:30	64.9	68.2	59.6	
4/5/2018 15:35	66.5	69.9	59.2	
4/5/2018 15:40	64.2	67.6	58.9	
4/5/2018 15:45	68.4	72.1	61.0	64.9
4/5/2018 15:50	65.2	67.6	60.8	
4/5/2018 15:55	64.8	68.0	60.0	
4/5/2018 16:00	64.0	66.6	60.5	
4/5/2018 16:05	64.3	67.7	58.1	
4/5/2018 16:10	66.4	69.6	61.0	64.9
4/5/2018 16:15	64.3	67.1	60.3	
4/5/2018 16:20	65.6	68.7	59.4	
4/5/2018 16:25	64.1	67.0	58.4	

Measured Noise Levels (dB(A)) at NMS-CA-1A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
4/5/2018 16:30	63.6	66.9	57.8	63.9
4/5/2018 16:35	63.5	66.8	58.0	
4/5/2018 16:40	63.7	67.2	57.7	
4/5/2018 16:45	62.9	65.9	57.4	
4/5/2018 16:50	64.5	68.3	57.5	
4/5/2018 16:55	64.8	68.6	58.0	64.5
4/5/2018 17:00	63.6	67.1	57.4	
4/5/2018 17:05	66.0	69.7	58.3	
4/5/2018 17:10	64.2	68.3	56.6	
4/5/2018 17:15	64.7	68.9	55.9	
4/5/2018 17:20	64.3	68.0	57.7	63.2
4/5/2018 17:25	63.6	67.7	56.1	
4/5/2018 17:30	64.6	67.6	56.8	
4/5/2018 17:35	62.7	65.9	54.9	
4/5/2018 17:40	64.6	68.4	55.7	
4/5/2018 17:45	62.0	66.0	55.5	64.6
4/5/2018 17:50	63.3	67.2	55.9	
4/5/2018 17:55	61.0	64.2	55.1	
4/5/2018 18:00	64.1	67.8	56.4	
4/5/2018 18:05	63.1	66.6	55.8	
4/5/2018 18:10	63.6	66.7	57.0	63.5
4/5/2018 18:15	64.2	68.0	55.1	
4/5/2018 18:20	66.0	70.1	55.2	
4/5/2018 18:25	65.9	70.6	57.5	
4/5/2018 18:30	62.6	66.3	54.4	
4/5/2018 18:35	62.9	67.2	53.9	61.2
4/5/2018 18:40	63.2	67.1	54.8	
4/5/2018 18:45	65.1	69.7	55.9	
4/5/2018 18:50	64.1	68.3	55.7	
4/5/2018 18:55	62.2	66.1	54.4	
5/5/2018 7:00	58.0	60.8	50.6	62.8
5/5/2018 7:05	62.7	65.6	52.4	
5/5/2018 7:10	61.4	65.8	53.4	
5/5/2018 7:15	56.9	59.9	51.3	
5/5/2018 7:20	63.9	65.7	52.9	
5/5/2018 7:25	60.6	64.2	52.4	63.9
5/5/2018 7:30	62.5	66.4	53.9	
5/5/2018 7:35	62.2	66.4	53.8	
5/5/2018 7:40	64.7	68.7	54.9	
5/5/2018 7:45	63.8	67.9	56.0	
5/5/2018 7:50	62.6	66.4	55.6	65.1
5/5/2018 7:55	59.1	62.4	54.1	
5/5/2018 8:00	61.8	65.8	54.3	
5/5/2018 8:05	60.0	62.9	56.6	
5/5/2018 8:10	63.2	66.2	58.2	
5/5/2018 8:15	65.4	68.6	58.9	65.1
5/5/2018 8:20	65.4	68.9	59.6	
5/5/2018 8:25	64.9	67.7	59.6	
5/5/2018 8:30	65.6	69.0	60.3	
5/5/2018 8:35	65.8	69.2	60.3	
5/5/2018 8:40	65.5	69.1	59.8	65.1
5/5/2018 8:45	65.5	68.8	60.1	
5/5/2018 8:50	63.9	66.7	59.9	
5/5/2018 8:55	64.2	67.2	59.6	

Measured Noise Levels (dB(A)) at NMS-CA-1A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
5/5/2018 9:00	65.4	68.4	60.3	64.5
5/5/2018 9:05	66.1	69.5	58.9	
5/5/2018 9:10	64.6	67.8	58.4	
5/5/2018 9:15	62.9	65.7	58.5	
5/5/2018 9:20	62.9	66.3	57.8	
5/5/2018 9:25	64.3	67.2	58.5	65.0
5/5/2018 9:30	64.4	68.2	59.1	
5/5/2018 9:35	64.9	68.4	58.4	
5/5/2018 9:40	67.2	71.1	58.7	
5/5/2018 9:45	64.9	68.2	59.0	
5/5/2018 9:50	64.7	68.6	59.3	64.6
5/5/2018 9:55	62.7	65.9	58.8	
5/5/2018 10:00	64.8	68.4	59.7	
5/5/2018 10:05	66.8	70.5	59.8	
5/5/2018 10:10	63.1	65.5	57.8	
5/5/2018 10:15	64.7	67.8	58.8	67.5
5/5/2018 10:20	63.3	66.3	59.1	
5/5/2018 10:25	64.0	67.2	59.5	
5/5/2018 10:30	63.6	66.6	59.3	
5/5/2018 10:35	65.1	67.4	62.2	
5/5/2018 10:40	69.1	71.7	64.5	63.6
5/5/2018 10:45	71.7	74.9	64.2	
5/5/2018 10:50	65.7	69.1	58.6	
5/5/2018 10:55	61.3	64.3	57.0	
5/5/2018 11:00	65.2	68.7	58.6	
5/5/2018 11:05	63.7	67.0	58.4	63.4
5/5/2018 11:10	62.7	65.8	57.8	
5/5/2018 11:15	64.2	67.6	58.6	
5/5/2018 11:20	62.6	65.8	57.5	
5/5/2018 11:25	62.2	65.1	57.8	
5/5/2018 11:30	64.1	68.2	57.9	63.3
5/5/2018 11:35	62.8	65.7	57.6	
5/5/2018 11:40	62.6	65.4	58.0	
5/5/2018 11:45	63.8	67.6	57.5	
5/5/2018 11:50	64.2	68.0	58.3	
5/5/2018 11:55	62.5	66.1	57.8	64.9
5/5/2018 12:00	63.1	67.0	56.6	
5/5/2018 12:05	65.2	69.0	57.4	
5/5/2018 12:10	61.9	65.4	56.2	
5/5/2018 12:15	61.7	63.1	55.3	
5/5/2018 12:20	63.9	67.8	55.8	64.6
5/5/2018 12:25	63.1	66.2	56.6	
5/5/2018 12:30	64.2	68.1	55.6	
5/5/2018 12:35	66.2	71.3	55.6	
5/5/2018 12:40	64.2	67.9	55.4	
5/5/2018 12:45	64.7	68.4	57.4	64.8
5/5/2018 12:50	64.4	68.2	57.1	
5/5/2018 12:55	65.3	69.2	57.1	
5/5/2018 13:00	67.3	70.3	56.6	
5/5/2018 13:05	63.3	66.5	57.7	
5/5/2018 13:10	63.0	66.4	57.9	64.8
5/5/2018 13:15	62.1	64.7	58.8	
5/5/2018 13:20	64.1	67.0	59.8	
5/5/2018 13:25	65.6	69.2	58.9	

Measured Noise Levels (dB(A)) at NMS-CA-1A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
5/5/2018 13:30	64.2	66.9	60.1	68.4
5/5/2018 13:35	69.7	74.7	60.6	
5/5/2018 13:40	71.9	77.1	61.4	
5/5/2018 13:45	65.2	67.6	60.9	
5/5/2018 13:50	68.2	72.2	61.8	
5/5/2018 13:55	66.1	68.3	59.7	64.6
5/5/2018 14:00	65.6	69.8	58.3	
5/5/2018 14:05	64.5	68.8	57.9	
5/5/2018 14:10	63.2	66.4	58.1	
5/5/2018 14:15	65.6	69.3	59.4	
5/5/2018 14:20	64.1	67.4	58.8	64.6
5/5/2018 14:25	63.8	67.0	58.5	
5/5/2018 14:30	63.3	66.5	58.3	
5/5/2018 14:35	64.3	67.5	60.0	
5/5/2018 14:40	65.7	69.3	58.3	
5/5/2018 14:45	64.5	68.4	58.6	66.0
5/5/2018 14:50	64.9	67.7	60.1	
5/5/2018 14:55	64.8	68.4	58.3	
5/5/2018 15:00	65.4	69.3	58.4	
5/5/2018 15:05	64.7	67.6	58.3	
5/5/2018 15:10	66.5	69.6	62.6	65.9
5/5/2018 15:15	65.8	68.1	62.3	
5/5/2018 15:20	66.5	69.8	58.9	
5/5/2018 15:25	66.9	69.3	60.7	
5/5/2018 15:30	65.2	69.1	58.6	
5/5/2018 15:35	64.6	67.8	57.7	64.1
5/5/2018 15:40	67.6	70.7	58.6	
5/5/2018 15:45	67.1	69.6	60.4	
5/5/2018 15:50	65.4	69.1	58.9	
5/5/2018 15:55	64.6	67.8	58.5	
5/5/2018 16:00	62.8	65.4	58.8	65.1
5/5/2018 16:05	64.4	68.3	57.6	
5/5/2018 16:10	63.1	66.5	57.8	
5/5/2018 16:15	64.6	68.1	57.6	
5/5/2018 16:20	64.0	68.0	57.2	
5/5/2018 16:25	65.1	69.5	57.5	64.3
5/5/2018 16:30	67.0	70.3	56.5	
5/5/2018 16:35	66.1	69.4	58.2	
5/5/2018 16:40	65.2	69.3	57.7	
5/5/2018 16:45	63.0	65.9	56.8	
5/5/2018 16:50	63.0	66.1	57.6	64.8
5/5/2018 16:55	65.1	69.1	57.7	
5/5/2018 17:00	62.2	66.5	57.0	
5/5/2018 17:05	65.8	69.4	56.8	
5/5/2018 17:10	64.5	67.7	57.6	
5/5/2018 17:15	62.5	66.2	56.1	64.8
5/5/2018 17:20	64.6	68.6	57.8	
5/5/2018 17:25	64.9	68.7	56.7	
5/5/2018 17:30	65.6	69.9	57.4	
5/5/2018 17:35	66.6	70.6	56.8	
5/5/2018 17:40	62.1	64.8	55.7	64.8
5/5/2018 17:45	63.2	67.0	55.9	
5/5/2018 17:50	62.8	66.0	56.5	
5/5/2018 17:55	66.4	69.2	56.5	

Measured Noise Levels (dB(A)) at NMS-CA-1A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
5/5/2018 18:00	62.0	64.9	56.3	63.9
5/5/2018 18:05	64.2	67.5	56.7	
5/5/2018 18:10	65.4	69.7	57.0	
5/5/2018 18:15	65.4	67.0	55.0	
5/5/2018 18:20	62.9	66.7	56.1	
5/5/2018 18:25	62.5	66.2	54.6	
5/5/2018 18:30	63.2	66.2	55.2	63.3
5/5/2018 18:35	63.3	67.5	54.9	
5/5/2018 18:40	63.6	67.5	56.0	
5/5/2018 18:45	63.0	66.1	54.5	
5/5/2018 18:50	63.6	67.6	55.1	
5/5/2018 18:55	63.1	67.0	55.0	
7/5/2018 7:00	54.7	56.9	51.3	58.8
7/5/2018 7:05	62.2	58.6	52.3	
7/5/2018 7:10	57.1	59.9	51.1	
7/5/2018 7:15	57.7	59.3	51.9	
7/5/2018 7:20	59.5	63.5	51.8	
7/5/2018 7:25	57.5	59.2	52.1	
7/5/2018 7:30	56.4	59.2	52.2	57.5
7/5/2018 7:35	55.2	57.0	52.9	
7/5/2018 7:40	59.8	63.8	52.6	
7/5/2018 7:45	57.0	60.2	51.8	
7/5/2018 7:50	59.1	62.3	54.1	
7/5/2018 7:55	55.7	57.7	52.9	
7/5/2018 8:00	56.6	58.9	53.5	59.7
7/5/2018 8:05	58.0	60.3	54.7	
7/5/2018 8:10	58.7	62.1	54.5	
7/5/2018 8:15	57.8	61.3	53.7	
7/5/2018 8:20	57.9	60.1	53.3	
7/5/2018 8:25	64.1	64.3	53.6	
7/5/2018 8:30	57.6	59.8	54.2	57.3
7/5/2018 8:35	57.7	60.2	53.8	
7/5/2018 8:40	56.5	59.0	53.0	
7/5/2018 8:45	58.2	61.5	53.4	
7/5/2018 8:50	56.5	59.2	53.3	
7/5/2018 8:55	57.1	58.5	53.3	
7/5/2018 9:00	60.3	62.5	55.2	61.8
7/5/2018 9:05	59.0	61.1	55.9	
7/5/2018 9:10	57.9	59.7	55.5	
7/5/2018 9:15	59.2	62.1	54.7	
7/5/2018 9:20	59.3	61.9	55.1	
7/5/2018 9:25	67.0	61.6	55.5	
7/5/2018 9:30	61.7	64.2	56.7	62.0
7/5/2018 9:35	60.7	64.0	55.8	
7/5/2018 9:40	59.9	62.8	56.1	
7/5/2018 9:45	61.0	63.5	56.5	
7/5/2018 9:50	65.2	66.1	56.0	
7/5/2018 9:55	61.2	64.1	56.5	
7/5/2018 10:00	59.9	62.6	56.5	59.7
7/5/2018 10:05	59.5	61.6	56.2	
7/5/2018 10:10	61.4	63.5	57.4	
7/5/2018 10:15	59.9	62.5	55.8	
7/5/2018 10:20	59.1	61.4	55.8	
7/5/2018 10:25	57.9	59.4	55.4	

Measured Noise Levels (dB(A)) at NMS-CA-1A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
7/5/2018 10:30	61.1	64.0	56.7	59.5
7/5/2018 10:35	58.3	60.3	56.0	
7/5/2018 10:40	57.2	58.5	55.7	
7/5/2018 10:45	59.2	61.4	55.9	
7/5/2018 10:50	61.2	63.9	57.0	
7/5/2018 10:55	58.5	59.9	55.9	
7/5/2018 11:00	60.8	64.2	56.1	59.3
7/5/2018 11:05	59.4	61.4	56.3	
7/5/2018 11:10	58.2	60.9	55.3	
7/5/2018 11:15	58.4	61.1	54.7	
7/5/2018 11:20	58.9	61.4	55.2	
7/5/2018 11:25	59.3	61.1	55.2	
7/5/2018 11:30	59.0	61.5	54.7	58.4
7/5/2018 11:35	58.6	60.9	55.4	
7/5/2018 11:40	59.3	61.8	56.1	
7/5/2018 11:45	57.4	59.5	54.1	
7/5/2018 11:50	58.2	60.9	55.0	
7/5/2018 11:55	57.8	60.4	54.7	
7/5/2018 12:00	59.3	60.4	54.9	63.8
7/5/2018 12:05	59.0	61.4	55.4	
7/5/2018 12:10	66.1	61.9	54.5	
7/5/2018 12:15	68.5	66.2	54.1	
7/5/2018 12:20	59.1	62.2	55.4	
7/5/2018 12:25	58.0	60.5	54.4	
7/5/2018 12:30	58.7	61.5	53.9	62.9
7/5/2018 12:35	57.9	60.4	54.6	
7/5/2018 12:40	65.5	63.7	53.7	
7/5/2018 12:45	63.3	65.1	54.6	
7/5/2018 12:50	57.8	60.4	54.0	
7/5/2018 12:55	66.2	65.4	54.4	
7/5/2018 13:00	65.8	64.1	55.4	63.9
7/5/2018 13:05	58.8	61.5	55.4	
7/5/2018 13:10	60.4	62.8	56.5	
7/5/2018 13:15	59.6	62.7	55.2	
7/5/2018 13:20	68.3	65.8	55.0	
7/5/2018 13:25	60.9	63.7	55.9	
7/5/2018 13:30	60.0	63.1	56.1	59.5
7/5/2018 13:35	59.1	61.0	55.8	
7/5/2018 13:40	59.3	62.0	55.2	
7/5/2018 13:45	60.2	63.4	55.0	
7/5/2018 13:50	59.7	63.3	55.2	
7/5/2018 13:55	58.8	60.8	56.2	
7/5/2018 14:00	61.9	65.0	57.4	61.8
7/5/2018 14:05	59.1	61.5	55.3	
7/5/2018 14:10	60.0	62.7	55.8	
7/5/2018 14:15	60.6	63.1	56.8	
7/5/2018 14:20	60.7	63.8	56.6	
7/5/2018 14:25	65.3	65.3	54.9	
7/5/2018 14:30	60.3	63.8	55.7	63.3
7/5/2018 14:35	59.0	61.4	55.8	
7/5/2018 14:40	63.4	65.9	56.2	
7/5/2018 14:45	59.7	62.6	55.7	
7/5/2018 14:50	68.2	64.9	55.2	
7/5/2018 14:55	60.7	63.6	56.1	

Measured Noise Levels (dB(A)) at NMS-CA-1A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
7/5/2018 15:00	62.0	65.3	57.0	62.1
7/5/2018 15:05	60.5	63.2	56.2	
7/5/2018 15:10	62.8	67.2	55.5	
7/5/2018 15:15	63.6	68.0	56.6	
7/5/2018 15:20	62.6	65.5	56.7	
7/5/2018 15:25	60.3	63.5	55.3	
7/5/2018 15:30	57.3	59.6	54.8	62.6
7/5/2018 15:35	60.7	63.9	56.2	
7/5/2018 15:40	64.1	66.7	56.8	
7/5/2018 15:45	59.3	61.6	56.5	
7/5/2018 15:50	60.4	63.0	56.7	
7/5/2018 15:55	66.6	65.1	55.9	
7/5/2018 16:00	59.1	61.6	55.6	63.4
7/5/2018 16:05	64.6	67.5	56.1	
7/5/2018 16:10	59.9	62.4	57.0	
7/5/2018 16:15	61.4	64.3	56.5	
7/5/2018 16:20	67.5	69.3	65.7	
7/5/2018 16:25	61.4	63.1	56.5	
7/5/2018 16:30	59.5	61.5	56.6	59.2
7/5/2018 16:35	59.0	61.7	55.2	
7/5/2018 16:40	59.9	62.5	55.5	
7/5/2018 16:45	58.2	60.6	55.3	
7/5/2018 16:50	57.9	60.8	54.7	
7/5/2018 16:55	60.2	62.7	56.1	
7/5/2018 17:00	59.7	62.6	54.8	58.2
7/5/2018 17:05	57.2	59.4	54.5	
7/5/2018 17:10	59.0	61.9	54.2	
7/5/2018 17:15	56.4	57.8	53.9	
7/5/2018 17:20	58.4	60.6	54.5	
7/5/2018 17:25	57.6	59.9	54.3	
7/5/2018 17:30	57.0	59.4	54.2	58.2
7/5/2018 17:35	57.8	60.3	54.3	
7/5/2018 17:40	57.9	61.1	53.8	
7/5/2018 17:45	59.2	62.7	54.4	
7/5/2018 17:50	58.3	60.9	54.3	
7/5/2018 17:55	58.8	61.2	54.5	
7/5/2018 18:00	57.6	60.6	54.2	58.2
7/5/2018 18:05	58.3	61.0	53.4	
7/5/2018 18:10	58.8	61.8	53.8	
7/5/2018 18:15	58.8	62.1	53.1	
7/5/2018 18:20	56.5	58.6	52.7	
7/5/2018 18:25	58.8	61.0	54.1	
7/5/2018 18:30	59.9	59.9	52.7	58.4
7/5/2018 18:35	59.7	62.9	53.6	
7/5/2018 18:40	58.9	62.3	52.6	
7/5/2018 18:45	55.2	58.7	51.2	
7/5/2018 18:50	56.2	60.4	50.6	
7/5/2018 18:55	58.5	62.2	51.8	
8/5/2018 7:01	56.2	58.2	53.7	58.3
8/5/2018 7:06	58.0	60.8	53.7	
8/5/2018 7:11	56.7	59.4	53.6	
8/5/2018 7:16	59.5	63.5	54.1	
8/5/2018 7:21	57.6	60.6	53.7	
8/5/2018 7:26	60.4	64.3	52.6	

Measured Noise Levels (dB(A)) at NMS-CA-1A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
8/5/2018 7:31	62.1	66.9	53.5	63.1
8/5/2018 7:36	63.0	66.7	55.4	
8/5/2018 7:41	62.0	65.9	53.8	
8/5/2018 7:46	63.8	68.1	55.7	
8/5/2018 7:51	64.8	66.9	55.1	
8/5/2018 7:56	62.3	66.0	55.4	
8/5/2018 8:01	61.0	65.3	55.4	62.1
8/5/2018 8:06	61.5	64.5	55.4	
8/5/2018 8:11	62.4	65.8	56.6	
8/5/2018 8:16	64.0	69.0	55.7	
8/5/2018 8:21	60.9	64.8	56.0	
8/5/2018 8:26	61.9	65.2	55.2	
8/5/2018 8:31	61.0	64.4	55.7	62.8
8/5/2018 8:36	61.2	65.7	54.6	
8/5/2018 8:41	61.3	65.3	54.0	
8/5/2018 8:46	61.7	65.4	54.8	
8/5/2018 8:51	65.4	70.4	54.1	
8/5/2018 8:56	64.3	66.2	55.2	
8/5/2018 9:01	64.9	68.4	56.6	64.8
8/5/2018 9:06	65.1	70.1	55.7	
8/5/2018 9:11	63.6	68.0	55.4	
8/5/2018 9:16	65.6	70.2	56.8	
8/5/2018 9:21	62.5	66.9	55.1	
8/5/2018 9:26	66.3	70.3	55.7	
8/5/2018 9:31	63.9	68.1	57.0	66.5
8/5/2018 9:36	63.0	67.5	55.5	
8/5/2018 9:41	64.8	68.9	56.3	
8/5/2018 9:46	67.8	69.3	55.7	
8/5/2018 9:51	69.5	71.6	57.2	
8/5/2018 9:56	66.2	69.7	56.7	
8/5/2018 10:01	65.3	69.3	56.6	65.5
8/5/2018 10:06	67.6	70.4	59.7	
8/5/2018 10:11	66.7	69.8	59.7	
8/5/2018 10:16	64.7	68.5	57.7	
8/5/2018 10:21	63.1	66.3	56.5	
8/5/2018 10:26	63.9	68.0	55.7	
8/5/2018 10:31	63.0	66.5	55.9	64.8
8/5/2018 10:36	65.5	69.7	57.4	
8/5/2018 10:41	66.3	70.6	56.9	
8/5/2018 10:46	64.9	68.2	57.6	
8/5/2018 10:51	65.3	69.8	56.4	
8/5/2018 10:56	62.7	66.9	56.2	
8/5/2018 11:01	64.2	68.1	57.4	64.5
8/5/2018 11:06	62.8	66.1	56.0	
8/5/2018 11:11	64.0	68.5	55.8	
8/5/2018 11:16	65.5	69.3	57.6	
8/5/2018 11:21	64.5	67.8	56.3	
8/5/2018 11:26	65.5	70.0	57.1	
8/5/2018 11:31	63.5	66.7	57.1	63.1
8/5/2018 11:36	63.2	66.9	56.3	
8/5/2018 11:41	62.8	66.7	55.7	
8/5/2018 11:46	63.7	67.5	56.6	
8/5/2018 11:51	62.9	67.1	56.2	
8/5/2018 11:56	62.0	65.3	55.3	

Measured Noise Levels (dB(A)) at NMS-CA-1A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
8/5/2018 12:01	63.6	66.3	56.3	65.5
8/5/2018 12:06	67.9	70.6	54.4	
8/5/2018 12:11	65.9	69.1	56.6	
8/5/2018 12:16	64.1	68.0	56.2	
8/5/2018 12:21	65.7	68.1	55.8	
8/5/2018 12:26	64.4	69.0	54.8	
8/5/2018 12:31	62.9	66.7	55.1	64.0
8/5/2018 12:36	61.6	66.4	53.7	
8/5/2018 12:41	62.9	66.7	54.1	
8/5/2018 12:46	61.8	65.6	54.3	
8/5/2018 12:51	65.0	70.2	55.1	
8/5/2018 12:56	67.1	71.2	56.3	
8/5/2018 13:01	66.9	69.1	56.2	65.7
8/5/2018 13:06	65.4	69.6	56.7	
8/5/2018 13:11	66.8	71.5	57.4	
8/5/2018 13:16	66.1	71.1	56.7	
8/5/2018 13:21	63.1	66.9	56.4	
8/5/2018 13:26	65.0	69.6	57.2	
8/5/2018 13:31	64.1	68.4	57.8	63.9
8/5/2018 13:36	63.1	66.0	56.6	
8/5/2018 13:41	62.6	67.2	54.1	
8/5/2018 13:46	65.5	69.6	56.2	
8/5/2018 13:51	65.0	68.9	57.7	
8/5/2018 13:56	61.6	65.1	57.1	
8/5/2018 14:01	64.5	68.7	58.2	64.0
8/5/2018 14:06	62.4	65.9	57.8	
8/5/2018 14:11	64.3	68.2	58.2	
8/5/2018 14:16	63.9	67.4	58.2	
8/5/2018 14:21	64.9	68.9	57.3	
8/5/2018 14:26	63.5	67.5	57.5	
8/5/2018 14:31	65.3	69.6	58.3	62.5
8/5/2018 14:36	63.8	67.6	57.5	
8/5/2018 14:41	63.0	66.5	58.3	
8/5/2018 14:46	58.9	61.4	55.9	
8/5/2018 14:51	60.2	63.1	55.5	
8/5/2018 14:56	59.8	62.2	56.1	
8/5/2018 15:01	59.0	61.7	55.9	59.9
8/5/2018 15:06	59.5	61.7	57.0	
8/5/2018 15:11	60.2	61.8	57.9	
8/5/2018 15:16	60.3	63.1	57.2	
8/5/2018 15:21	60.4	62.8	57.6	
8/5/2018 15:26	59.8	60.9	58.0	
8/5/2018 15:31	59.6	61.6	57.5	60.5
8/5/2018 15:36	60.7	63.0	58.4	
8/5/2018 15:41	59.9	61.8	57.6	
8/5/2018 15:46	60.7	62.5	58.4	
8/5/2018 15:51	61.0	63.4	57.7	
8/5/2018 15:56	61.0	62.7	57.8	
8/5/2018 16:01	60.9	62.8	57.3	62.3
8/5/2018 16:06	66.2	67.1	58.6	
8/5/2018 16:11	61.1	63.0	58.6	
8/5/2018 16:16	60.8	63.5	57.1	
8/5/2018 16:21	59.4	60.7	56.5	
8/5/2018 16:26	61.3	64.3	57.9	

Measured Noise Levels (dB(A)) at NMS-CA-1A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
8/5/2018 16:31	61.3	64.0	57.6	62.4
8/5/2018 16:36	66.0	63.3	56.3	
8/5/2018 16:41	60.3	62.1	56.2	
8/5/2018 16:46	58.2	60.5	55.0	
8/5/2018 16:51	60.7	63.9	56.3	
8/5/2018 16:56	63.2	67.4	55.8	
8/5/2018 17:01	61.7	64.6	54.6	64.6
8/5/2018 17:06	63.9	67.9	57.2	
8/5/2018 17:11	65.5	69.6	56.4	
8/5/2018 17:16	64.3	69.0	54.6	
8/5/2018 17:21	66.5	71.4	55.3	
8/5/2018 17:26	64.0	68.3	54.6	
8/5/2018 17:31	65.1	67.9	55.6	63.8
8/5/2018 17:36	62.6	66.5	55.3	
8/5/2018 17:41	63.5	67.7	55.8	
8/5/2018 17:46	65.3	69.3	55.0	
8/5/2018 17:51	63.3	67.1	55.1	
8/5/2018 17:56	62.0	65.3	53.7	
8/5/2018 18:01	65.6	69.2	53.6	64.4
8/5/2018 18:06	62.7	66.4	55.1	
8/5/2018 18:11	61.5	65.5	53.8	
8/5/2018 18:16	64.8	69.4	53.2	
8/5/2018 18:21	64.9	69.3	55.5	
8/5/2018 18:26	65.3	70.2	54.1	
8/5/2018 18:31	62.9	67.2	53.6	63.3
8/5/2018 18:36	62.8	67.4	53.5	
8/5/2018 18:41	65.1	69.1	54.2	
8/5/2018 18:46	63.9	68.6	52.3	
8/5/2018 18:51	63.0	67.1	54.1	
8/5/2018 18:56	61.3	66.0	51.8	
9/5/2018 7:01	58.8	61.8	53.5	59.1
9/5/2018 7:06	57.3	60.1	53.0	
9/5/2018 7:11	58.0	60.8	54.6	
9/5/2018 7:16	59.6	63.1	55.7	
9/5/2018 7:21	59.7	63.0	54.6	
9/5/2018 7:26	60.5	63.7	54.1	
9/5/2018 7:31	55.8	57.8	53.0	62.6
9/5/2018 7:36	61.6	65.7	54.7	
9/5/2018 7:41	64.5	68.3	56.4	
9/5/2018 7:46	62.2	66.2	55.0	
9/5/2018 7:51	64.3	67.7	55.8	
9/5/2018 7:56	62.6	66.2	55.8	
9/5/2018 8:01	62.8	66.9	56.8	63.6
9/5/2018 8:06	63.7	67.0	57.5	
9/5/2018 8:11	63.2	66.5	56.7	
9/5/2018 8:16	63.0	66.6	56.6	
9/5/2018 8:21	64.3	67.5	57.2	
9/5/2018 8:26	64.1	67.8	56.7	
9/5/2018 8:31	64.1	67.4	56.9	64.0
9/5/2018 8:36	65.8	68.9	58.1	
9/5/2018 8:41	63.9	67.9	56.3	
9/5/2018 8:46	64.8	68.2	57.8	
9/5/2018 8:51	61.8	64.8	57.2	
9/5/2018 8:56	61.9	65.2	57.4	

Measured Noise Levels (dB(A)) at NMS-CA-1A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
9/5/2018 9:01	63.7	67.3	58.3	65.9
9/5/2018 9:06	64.4	67.8	58.4	
9/5/2018 9:11	65.0	68.1	59.9	
9/5/2018 9:16	67.3	70.1	60.7	
9/5/2018 9:21	67.5	70.2	59.8	
9/5/2018 9:26	66.0	69.4	57.9	
9/5/2018 9:31	66.0	69.6	58.6	65.6
9/5/2018 9:36	65.4	69.2	58.8	
9/5/2018 9:41	63.8	67.7	56.3	
9/5/2018 9:46	63.3	66.7	56.8	
9/5/2018 9:51	65.7	70.1	57.5	
9/5/2018 9:56	67.9	72.6	58.5	
9/5/2018 10:01	65.9	68.9	57.8	67.0
9/5/2018 10:06	66.1	69.8	59.3	
9/5/2018 10:11	67.6	71.0	58.8	
9/5/2018 10:16	64.7	67.8	59.0	
9/5/2018 10:21	68.9	72.6	59.7	
9/5/2018 10:26	67.6	71.0	61.4	
9/5/2018 10:31	66.0	69.4	60.4	66.2
9/5/2018 10:36	65.5	68.8	60.4	
9/5/2018 10:41	67.6	71.5	60.5	
9/5/2018 10:46	65.9	68.7	60.7	
9/5/2018 10:51	65.8	69.6	59.5	
9/5/2018 10:56	65.8	69.3	59.7	
9/5/2018 11:01	65.5	68.6	60.3	64.9
9/5/2018 11:06	62.8	65.4	59.2	
9/5/2018 11:11	66.1	68.9	60.3	
9/5/2018 11:16	64.0	66.4	59.3	
9/5/2018 11:21	66.1	69.4	59.4	
9/5/2018 11:26	63.5	66.4	59.3	
9/5/2018 11:31	66.9	70.8	59.4	65.4
9/5/2018 11:36	63.5	66.5	58.8	
9/5/2018 11:41	63.0	66.5	57.9	
9/5/2018 11:46	66.0	67.5	58.8	
9/5/2018 11:51	65.0	68.7	58.5	
9/5/2018 11:56	66.5	70.3	59.8	
9/5/2018 12:01	64.8	66.6	58.2	64.2
9/5/2018 12:06	64.6	66.7	57.9	
9/5/2018 12:11	63.2	66.8	58.4	
9/5/2018 12:16	62.7	66.9	57.1	
9/5/2018 12:21	65.6	67.9	60.7	
9/5/2018 12:26	63.5	66.7	58.2	
9/5/2018 12:31	63.5	66.5	58.8	65.8
9/5/2018 12:36	65.2	69.2	58.2	
9/5/2018 12:41	68.0	71.7	59.5	
9/5/2018 12:46	66.6	69.7	59.4	
9/5/2018 12:51	64.9	68.1	58.9	
9/5/2018 12:56	65.4	68.7	59.1	
9/5/2018 13:01	65.1	68.3	60.4	64.2
9/5/2018 13:06	65.0	67.8	61.2	
9/5/2018 13:11	64.4	67.8	59.0	
9/5/2018 13:16	63.6	67.0	59.3	
9/5/2018 13:21	63.9	66.4	60.7	
9/5/2018 13:26	63.0	65.2	59.7	

Measured Noise Levels (dB(A)) at NMS-CA-1A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
9/5/2018 13:31	64.9	68.4	59.3	64.5
9/5/2018 13:36	63.3	66.2	57.8	
9/5/2018 13:41	64.1	67.0	58.8	
9/5/2018 13:46	64.9	67.3	60.2	
9/5/2018 13:51	65.4	69.0	58.8	
9/5/2018 13:56	64.0	67.1	59.7	
9/5/2018 14:01	68.6	70.4	60.4	65.5
9/5/2018 14:06	63.6	66.5	60.2	
9/5/2018 14:11	63.0	65.4	59.8	
9/5/2018 14:16	64.0	66.6	60.4	
9/5/2018 14:21	66.5	69.6	59.6	
9/5/2018 14:26	64.6	67.8	60.1	
9/5/2018 14:31	64.8	67.4	60.7	65.9
9/5/2018 14:36	65.7	69.0	60.6	
9/5/2018 14:41	65.5	68.6	60.9	
9/5/2018 14:46	65.2	67.7	62.0	
9/5/2018 14:51	66.3	69.2	61.9	
9/5/2018 14:56	67.2	70.6	61.3	
9/5/2018 15:01	68.1	71.7	61.2	67.5
9/5/2018 15:06	67.8	71.1	61.7	
9/5/2018 15:11	68.9	72.3	62.8	
9/5/2018 15:16	68.5	71.9	61.6	
9/5/2018 15:21	66.0	69.2	61.0	
9/5/2018 15:26	63.3	65.8	59.5	
9/5/2018 15:31	65.6	68.9	59.9	66.8
9/5/2018 15:36	66.3	69.5	61.3	
9/5/2018 15:41	67.5	71.0	59.9	
9/5/2018 15:46	67.9	70.4	61.2	
9/5/2018 15:51	66.4	69.7	60.5	
9/5/2018 15:56	66.7	70.0	59.8	
9/5/2018 16:01	66.9	70.6	59.7	66.2
9/5/2018 16:06	64.9	67.4	60.4	
9/5/2018 16:11	67.3	69.6	61.7	
9/5/2018 16:16	66.6	69.7	61.6	
9/5/2018 16:21	63.8	66.8	59.9	
9/5/2018 16:26	66.6	70.4	59.3	
9/5/2018 16:31	65.6	69.1	59.5	65.4
9/5/2018 16:36	65.4	68.1	59.8	
9/5/2018 16:41	65.8	69.8	58.4	
9/5/2018 16:46	63.8	66.3	58.2	
9/5/2018 16:51	63.9	66.9	59.4	
9/5/2018 16:56	66.9	69.1	58.5	
9/5/2018 17:01	65.0	68.3	58.6	64.8
9/5/2018 17:06	65.4	67.9	57.7	
9/5/2018 17:11	67.0	71.7	57.7	
9/5/2018 17:16	62.6	65.9	58.1	
9/5/2018 17:21	63.5	66.9	58.1	
9/5/2018 17:26	64.1	67.0	58.3	
9/5/2018 17:31	62.1	64.9	58.1	64.8
9/5/2018 17:36	65.8	69.7	58.2	
9/5/2018 17:41	66.9	70.5	57.5	
9/5/2018 17:46	65.1	67.7	58.2	
9/5/2018 17:51	64.0	67.5	57.7	
9/5/2018 17:56	63.5	67.1	56.6	

Measured Noise Levels (dB(A)) at NMS-CA-1A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
9/5/2018 18:01	68.9	73.4	56.7	65.1
9/5/2018 18:06	64.1	68.4	56.5	
9/5/2018 18:11	64.1	66.9	56.9	
9/5/2018 18:16	64.4	67.9	56.7	
9/5/2018 18:21	63.3	67.2	56.7	
9/5/2018 18:26	62.6	65.9	57.1	
9/5/2018 18:31	66.3	70.5	55.4	65.2
9/5/2018 18:36	65.7	68.7	59.4	
9/5/2018 18:41	65.5	69.5	57.9	
9/5/2018 18:46	65.5	69.3	58.5	
9/5/2018 18:51	64.2	68.3	55.2	
9/5/2018 18:56	63.6	66.5	57.4	
10/5/2018 7:01	60.9	64.6	55.0	62.7
10/5/2018 7:06	59.2	61.1	54.4	
10/5/2018 7:11	63.4	64.4	56.1	
10/5/2018 7:16	63.5	66.8	55.6	
10/5/2018 7:21	63.2	66.4	56.9	
10/5/2018 7:26	64.2	67.2	57.8	
10/5/2018 7:31	63.7	67.3	55.8	64.9
10/5/2018 7:36	65.8	69.8	57.6	
10/5/2018 7:41	64.9	68.0	57.4	
10/5/2018 7:46	62.6	65.6	58.1	
10/5/2018 7:51	66.0	69.4	59.1	
10/5/2018 7:56	65.3	68.8	58.7	
10/5/2018 8:01	61.7	63.6	56.9	65.0
10/5/2018 8:06	66.6	69.9	58.8	
10/5/2018 8:11	65.9	69.2	58.6	
10/5/2018 8:18	64.2	67.3	58.1	
10/5/2018 8:23	64.1	67.9	57.6	
10/5/2018 8:28	65.6	68.6	57.9	
10/5/2018 8:33	66.4	69.3	58.2	67.5
10/5/2018 8:38	65.5	68.4	59.0	
10/5/2018 8:43	66.3	69.6	59.5	
10/5/2018 8:48	70.0	72.5	61.3	
10/5/2018 8:53	67.3	70.9	59.1	
10/5/2018 8:58	67.8	71.2	60.0	
10/5/2018 9:03	65.5	68.7	59.3	66.6
10/5/2018 9:08	66.1	69.0	59.8	
10/5/2018 9:13	66.5	70.4	59.5	
10/5/2018 9:18	65.5	68.1	58.7	
10/5/2018 9:23	67.3	69.8	60.0	
10/5/2018 9:28	68.0	71.1	59.5	
10/5/2018 9:33	67.3	70.9	59.8	65.6
10/5/2018 9:38	65.5	69.1	58.1	
10/5/2018 9:43	64.3	67.2	59.2	
10/5/2018 9:48	65.9	69.4	59.3	
10/5/2018 9:53	64.0	67.0	58.5	
10/5/2018 9:58	65.9	68.7	59.6	
10/5/2018 10:03	68.3	73.1	59.1	67.4
10/5/2018 10:08	65.9	68.9	59.8	
10/5/2018 10:13	65.7	69.3	58.1	
10/5/2018 10:18	66.6	70.1	59.9	
10/5/2018 10:23	68.0	71.7	59.6	
10/5/2018 10:28	68.9	72.6	60.5	

Measured Noise Levels (dB(A)) at NMS-CA-1A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
10/5/2018 10:33	67.6	71.1	60.1	67.9
10/5/2018 10:38	68.9	72.4	60.0	
10/5/2018 10:43	69.3	73.5	61.0	
10/5/2018 10:48	67.6	71.2	60.4	
10/5/2018 10:53	66.5	69.8	59.7	
10/5/2018 10:58	66.4	69.7	60.4	
10/5/2018 11:03	67.3	71.1	59.1	66.5
10/5/2018 11:08	66.8	70.1	59.6	
10/5/2018 11:13	65.9	69.4	58.6	
10/5/2018 11:18	66.2	69.7	59.9	
10/5/2018 11:23	65.9	68.8	60.2	
10/5/2018 11:28	66.8	70.2	60.0	
10/5/2018 11:33	64.3	67.1	59.5	64.7
10/5/2018 11:38	63.9	66.9	60.1	
10/5/2018 11:43	65.1	68.4	59.8	
10/5/2018 11:48	66.0	70.2	58.8	
10/5/2018 11:53	63.5	66.5	58.7	
10/5/2018 11:58	65.0	67.5	57.3	
10/5/2018 12:03	65.3	69.2	58.1	64.3
10/5/2018 12:08	63.3	67.0	56.4	
10/5/2018 12:13	63.2	66.7	57.4	
10/5/2018 12:18	63.9	67.7	56.1	
10/5/2018 12:23	65.7	69.7	56.5	
10/5/2018 12:28	63.6	67.3	56.9	
10/5/2018 12:33	63.6	67.1	56.5	64.9
10/5/2018 12:38	66.9	69.6	56.5	
10/5/2018 12:43	62.9	66.1	56.7	
10/5/2018 12:48	66.2	69.7	57.6	
10/5/2018 12:53	66.0	69.9	59.0	
10/5/2018 12:58	61.5	64.6	57.1	
10/5/2018 13:03	63.3	67.1	56.9	65.4
10/5/2018 13:08	65.7	70.0	58.4	
10/5/2018 13:13	64.9	68.3	58.3	
10/5/2018 13:18	65.6	69.0	57.7	
10/5/2018 13:23	67.4	71.5	58.2	
10/5/2018 13:28	64.6	67.8	59.4	
10/5/2018 13:33	64.5	67.6	59.2	64.7
10/5/2018 13:38	64.7	68.0	59.1	
10/5/2018 13:43	63.1	66.1	58.9	
10/5/2018 13:48	64.3	67.2	59.1	
10/5/2018 13:53	66.2	69.6	60.1	
10/5/2018 13:58	64.7	68.7	58.9	
10/5/2018 14:03	66.2	69.1	58.5	65.5
10/5/2018 14:08	64.9	68.6	59.2	
10/5/2018 14:13	62.3	65.0	58.4	
10/5/2018 14:18	68.9	72.1	60.6	
10/5/2018 14:23	63.1	66.2	58.1	
10/5/2018 14:28	64.4	67.3	59.2	
10/5/2018 14:33	65.9	68.3	59.6	66.6
10/5/2018 14:38	66.5	70.4	59.2	
10/5/2018 14:43	65.4	68.9	59.7	
10/5/2018 14:48	66.5	69.6	60.4	
10/5/2018 14:53	67.8	71.2	60.2	
10/5/2018 14:58	67.3	70.8	59.9	

Measured Noise Levels (dB(A)) at NMS-CA-1A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
10/5/2018 15:03	66.5	68.4	60.3	67.3
10/5/2018 15:08	65.8	68.9	61.1	
10/5/2018 15:13	68.1	71.1	60.5	
10/5/2018 15:18	68.0	71.5	59.8	
10/5/2018 15:23	67.0	70.2	59.5	
10/5/2018 15:28	67.9	71.2	60.1	66.5
10/5/2018 15:33	66.9	70.1	60.8	
10/5/2018 15:38	67.2	70.1	60.2	
10/5/2018 15:43	67.5	70.5	60.9	
10/5/2018 15:48	68.2	71.6	60.9	
10/5/2018 15:53	63.1	66.3	57.9	64.7
10/5/2018 15:58	64.2	67.4	59.3	
10/5/2018 16:03	64.6	67.5	59.9	
10/5/2018 16:08	65.3	68.8	58.3	
10/5/2018 16:13	62.3	65.1	58.4	
10/5/2018 16:18	64.6	67.6	58.3	66.3
10/5/2018 16:23	63.9	66.8	57.9	
10/5/2018 16:28	66.4	69.8	60.2	
10/5/2018 16:33	66.2	69.4	59.2	
10/5/2018 16:38	67.5	70.7	61.2	
10/5/2018 16:43	67.2	70.4	60.3	63.9
10/5/2018 16:48	66.7	69.5	60.6	
10/5/2018 16:53	64.8	68.1	57.6	
10/5/2018 16:58	64.1	67.5	58.0	
10/5/2018 17:03	61.9	64.7	56.7	
10/5/2018 17:08	65.5	68.6	59.0	65.0
10/5/2018 17:13	63.3	66.2	58.4	
10/5/2018 17:18	65.2	69.2	58.0	
10/5/2018 17:23	63.9	67.0	58.7	
10/5/2018 17:28	62.7	65.8	56.8	
10/5/2018 17:33	63.3	66.7	57.4	64.9
10/5/2018 17:38	65.2	69.1	57.5	
10/5/2018 17:43	66.3	68.7	55.3	
10/5/2018 17:48	66.6	70.8	58.2	
10/5/2018 17:53	64.7	69.0	56.6	
10/5/2018 17:58	62.9	67.4	56.3	63.6
10/5/2018 18:03	65.3	69.2	57.2	
10/5/2018 18:08	64.1	67.7	57.4	
10/5/2018 18:13	65.5	69.3	55.7	
10/5/2018 18:18	67.0	70.5	56.2	
10/5/2018 18:23	63.0	66.1	55.7	58.5
10/5/2018 18:28	63.5	67.5	55.5	
10/5/2018 18:33	64.9	69.1	55.7	
10/5/2018 18:38	61.2	64.7	55.5	
10/5/2018 18:43	65.1	69.2	56.3	
10/5/2018 18:48	62.7	65.7	56.8	64.4
10/5/2018 18:53	62.9	66.8	55.5	
10/5/2018 18:58	63.4	67.0	56.1	
11/5/2018 7:03	55.4	56.7	53.5	
11/5/2018 7:08	58.5	62.1	53.7	
11/5/2018 7:13	59.1	62.7	53.9	
11/5/2018 7:18	58.5	61.4	53.1	
11/5/2018 7:23	60.1	63.5	54.2	
11/5/2018 7:28	58.1	61.1	53.9	

Measured Noise Levels (dB(A)) at NMS-CA-1A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
11/5/2018 7:33	59.9	63.1	54.4	62.8
11/5/2018 7:38	63.5	67.7	55.7	
11/5/2018 7:43	62.3	65.7	55.1	
11/5/2018 7:48	63.8	66.9	55.6	
11/5/2018 7:53	62.9	66.5	55.4	
11/5/2018 7:58	63.3	67.4	54.0	63.3
11/5/2018 8:03	62.4	66.6	55.5	
11/5/2018 8:08	62.8	66.0	56.6	
11/5/2018 8:13	64.7	68.3	57.5	
11/5/2018 8:18	62.7	65.7	57.3	
11/5/2018 8:23	62.3	64.7	56.6	65.8
11/5/2018 8:28	64.2	68.3	56.4	
11/5/2018 8:33	63.9	67.6	57.4	
11/5/2018 8:38	65.4	69.4	57.0	
11/5/2018 8:43	67.4	71.3	59.3	
11/5/2018 8:48	64.9	68.2	58.6	67.0
11/5/2018 8:53	64.7	68.7	57.4	
11/5/2018 8:58	67.4	70.9	58.8	
11/5/2018 9:03	65.9	69.2	58.0	
11/5/2018 9:08	68.9	71.7	57.7	
11/5/2018 9:13	67.1	70.2	59.3	65.3
11/5/2018 9:18	66.8	70.3	57.6	
11/5/2018 9:23	66.6	70.4	58.9	
11/5/2018 9:28	66.0	69.1	58.4	
11/5/2018 9:33	65.8	69.3	59.0	
11/5/2018 9:38	65.0	68.1	58.4	64.5
11/5/2018 9:43	64.9	67.9	58.2	
11/5/2018 9:48	66.5	70.8	57.1	
11/5/2018 9:53	63.8	67.1	58.4	
11/5/2018 9:58	65.5	69.4	57.8	
11/5/2018 10:03	65.3	68.7	58.6	65.0
11/5/2018 10:08	66.4	69.7	58.7	
11/5/2018 10:13	64.8	68.6	58.1	
11/5/2018 10:18	63.7	67.1	57.5	
11/5/2018 10:23	61.5	64.4	57.5	
11/5/2018 10:28	64.0	67.3	58.6	65.0
11/5/2018 10:33	64.4	67.8	58.8	
11/5/2018 10:38	63.9	67.7	57.9	
11/5/2018 10:43	65.0	68.7	58.7	
11/5/2018 10:48	64.8	68.3	58.8	
11/5/2018 10:53	61.1	63.9	57.2	64.4
11/5/2018 10:58	68.1	72.4	59.6	
11/5/2018 11:03	66.2	69.5	60.9	
11/5/2018 11:08	64.7	68.1	59.7	
11/5/2018 11:13	64.4	67.3	60.2	
11/5/2018 11:18	64.9	68.7	59.1	64.4
11/5/2018 11:23	65.7	68.9	59.0	
11/5/2018 11:28	63.8	67.4	58.1	
11/5/2018 11:33	65.6	68.6	56.5	
11/5/2018 11:38	62.7	66.1	57.9	
11/5/2018 11:43	65.4	69.5	57.2	64.4
11/5/2018 11:48	63.2	67.1	57.1	
11/5/2018 11:53	63.2	66.2	57.6	
11/5/2018 11:58	65.2	68.9	57.5	



Measured Noise Levels (dB(A)) at NMS-CA-1A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
11/5/2018 12:03	63.4	67.3	56.5	63.2
11/5/2018 12:08	64.0	68.0	55.1	
11/5/2018 12:13	62.8	66.5	57.0	
11/5/2018 12:18	64.2	68.4	55.7	
11/5/2018 12:23	62.3	66.1	55.9	
11/5/2018 12:28	62.3	65.3	56.9	66.1
11/5/2018 12:33	65.1	69.3	57.7	
11/5/2018 12:38	66.0	70.7	56.8	
11/5/2018 12:43	64.8	68.3	57.4	
11/5/2018 12:48	66.8	71.2	57.3	
11/5/2018 12:53	68.2	70.8	60.4	65.1
11/5/2018 12:58	64.8	68.4	58.8	
11/5/2018 13:03	65.2	68.0	60.4	
11/5/2018 13:08	64.8	68.6	59.2	
11/5/2018 13:13	64.6	68.5	58.3	
11/5/2018 13:18	64.0	67.1	59.4	67.0
11/5/2018 13:23	65.9	69.6	59.8	
11/5/2018 13:28	66.0	69.1	60.7	
11/5/2018 13:33	67.2	70.3	60.8	
11/5/2018 13:38	65.8	68.4	61.3	
11/5/2018 13:43	65.1	68.1	59.8	65.3
11/5/2018 13:48	69.3	73.2	61.5	
11/5/2018 13:53	66.6	69.3	61.6	
11/5/2018 13:58	66.8	69.5	61.4	
11/5/2018 14:03	67.0	71.0	60.4	
11/5/2018 14:08	64.2	67.4	59.8	65.3
11/5/2018 14:13	65.3	67.9	61.7	
11/5/2018 14:18	65.8	69.2	61.3	
11/5/2018 14:23	64.1	67.0	60.0	
11/5/2018 14:28	64.9	68.2	60.4	
11/5/2018 14:33	65.3	69.2	59.9	65.3
11/5/2018 14:38	65.2	68.1	61.0	
11/5/2018 14:43	65.3	67.7	60.8	
11/5/2018 14:48	66.0	69.0	61.0	
11/5/2018 14:53	63.9	66.6	58.9	
11/5/2018 14:58	65.9	69.5	59.7	64.4
11/5/2018 15:03	65.8	69.6	58.8	
11/5/2018 15:08	64.2	66.9	58.4	
11/5/2018 15:13	62.9	65.5	59.2	
11/5/2018 15:18	63.1	66.1	57.7	
11/5/2018 15:23	64.2	66.8	58.7	64.2
11/5/2018 15:28	65.3	68.2	59.3	
11/5/2018 15:33	63.9	67.0	59.3	
11/5/2018 15:38	64.3	68.1	58.1	
11/5/2018 15:43	64.4	68.0	59.5	
11/5/2018 15:48	65.8	68.9	58.7	65.6
11/5/2018 15:53	64.0	67.5	57.8	
11/5/2018 15:58	62.4	65.5	57.4	
11/5/2018 16:03	64.8	69.0	55.9	
11/5/2018 16:08	64.9	68.8	57.5	
11/5/2018 16:13	63.1	65.8	58.9	65.6
11/5/2018 16:18	64.4	68.4	57.2	
11/5/2018 16:23	65.1	69.0	58.1	
11/5/2018 16:28	68.7	72.7	58.3	

Measured Noise Levels (dB(A)) at NMS-CA-1A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
11/5/2018 16:33	64.3	68.0	58.8	65.0
11/5/2018 16:38	67.5	70.2	58.3	
11/5/2018 16:43	64.0	67.2	58.7	
11/5/2018 16:48	65.4	69.0	59.5	
11/5/2018 16:53	62.4	65.3	56.4	
11/5/2018 16:58	64.9	69.3	56.0	63.8
11/5/2018 17:03	63.9	67.3	56.9	
11/5/2018 17:08	63.5	68.1	56.8	
11/5/2018 17:13	65.5	69.7	55.6	
11/5/2018 17:18	64.4	68.6	56.4	
11/5/2018 17:23	62.0	65.5	55.4	64.6
11/5/2018 17:28	62.2	65.3	56.7	
11/5/2018 17:33	63.8	68.0	54.7	
11/5/2018 17:38	62.2	65.7	56.2	
11/5/2018 17:43	64.8	67.3	54.4	
11/5/2018 17:48	63.0	67.5	54.7	63.4
11/5/2018 17:53	64.8	68.3	55.8	
11/5/2018 17:58	67.3	71.4	55.2	
11/5/2018 18:03	62.9	66.2	56.0	
11/5/2018 18:08	62.9	66.7	55.9	
11/5/2018 18:13	63.7	67.5	55.9	64.0
11/5/2018 18:18	65.0	68.8	57.3	
11/5/2018 18:23	62.4	66.2	55.1	
11/5/2018 18:28	63.1	67.2	55.8	
11/5/2018 18:33	64.4	68.4	55.6	
11/5/2018 18:38	65.1	69.0	53.9	58.6
11/5/2018 18:43	64.3	67.9	56.0	
11/5/2018 18:48	62.4	66.9	53.4	
11/5/2018 18:53	61.5	64.7	54.8	
11/5/2018 18:58	65.3	70.2	55.7	
12/5/2018 7:03	56.7	57.3	50.6	62.1
12/5/2018 7:08	58.6	62.4	48.8	
12/5/2018 7:13	57.9	61.6	49.2	
12/5/2018 7:18	59.0	63.7	50.9	
12/5/2018 7:23	60.6	65.1	51.1	
12/5/2018 7:28	57.8	62.0	51.1	63.0
12/5/2018 7:33	61.6	65.8	51.7	
12/5/2018 7:38	62.2	66.5	52.4	
12/5/2018 7:43	60.4	64.4	53.8	
12/5/2018 7:48	64.4	68.3	55.7	
12/5/2018 7:53	59.7	63.8	52.5	62.5
12/5/2018 7:58	62.8	66.9	53.4	
12/5/2018 8:03	60.4	63.9	54.5	
12/5/2018 8:08	61.8	65.2	54.8	
12/5/2018 8:13	62.3	64.7	56.1	
12/5/2018 8:18	62.4	65.9	55.9	62.5
12/5/2018 8:23	67.0	69.7	56.8	
12/5/2018 8:28	59.3	61.1	56.7	
12/5/2018 8:33	59.5	62.4	55.7	
12/5/2018 8:38	62.0	65.8	54.9	
12/5/2018 8:43	64.5	68.6	55.7	62.5
12/5/2018 8:48	60.9	64.1	54.7	
12/5/2018 8:53	62.8	66.6	55.7	
12/5/2018 8:58	63.4	67.0	56.6	

Measured Noise Levels (dB(A)) at NMS-CA-1A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
12/5/2018 9:03	66.4	68.8	54.7	64.6
12/5/2018 9:08	63.6	68.0	55.3	
12/5/2018 9:13	62.5	66.8	54.5	
12/5/2018 9:18	66.3	70.3	57.4	
12/5/2018 9:23	63.6	67.7	56.7	
12/5/2018 9:28	63.8	67.1	56.6	
12/5/2018 9:33	62.0	65.2	56.6	64.0
12/5/2018 9:38	66.0	68.4	56.8	
12/5/2018 9:43	62.9	66.2	56.7	
12/5/2018 9:48	63.6	67.2	56.6	
12/5/2018 9:53	63.6	67.3	56.9	
12/5/2018 9:58	64.6	67.7	57.8	
12/5/2018 10:03	66.6	70.7	61.1	65.2
12/5/2018 10:08	65.4	68.7	61.6	
12/5/2018 10:13	65.1	68.4	60.7	
12/5/2018 10:18	64.9	67.8	61.7	
12/5/2018 10:23	64.8	68.2	58.8	
12/5/2018 10:28	63.6	67.2	58.1	
12/5/2018 10:33	65.0	67.3	58.3	63.9
12/5/2018 10:38	65.4	68.6	58.8	
12/5/2018 10:43	61.9	65.3	57.3	
12/5/2018 10:48	64.2	66.9	58.1	
12/5/2018 10:53	63.8	67.7	57.1	
12/5/2018 10:58	62.1	65.7	56.8	
12/5/2018 11:03	67.4	70.6	58.4	62.7
12/5/2018 11:08	62.6	66.0	57.9	
12/5/2018 11:13	62.7	65.7	58.2	
12/5/2018 11:18	58.0	59.8	56.1	
12/5/2018 11:23	58.9	60.7	56.7	
12/5/2018 11:28	58.2	60.6	54.8	
12/5/2018 11:33	58.2	60.7	55.2	59.3
12/5/2018 11:38	57.8	59.7	55.5	
12/5/2018 11:43	59.5	61.7	56.3	
12/5/2018 11:48	59.1	60.8	56.1	
12/5/2018 11:53	61.1	62.9	56.1	
12/5/2018 11:58	59.1	61.0	55.6	
12/5/2018 12:03	60.0	62.5	55.7	58.7
12/5/2018 12:08	59.3	61.4	56.0	
12/5/2018 12:13	57.3	59.5	54.6	
12/5/2018 12:18	59.5	62.1	55.2	
12/5/2018 12:23	57.1	59.7	54.2	
12/5/2018 12:28	58.1	60.8	54.3	
12/5/2018 12:33	60.7	64.1	55.7	58.7
12/5/2018 12:38	57.4	60.0	54.4	
12/5/2018 12:43	58.9	61.6	54.5	
12/5/2018 12:48	56.3	58.8	53.6	
12/5/2018 12:53	58.4	61.8	54.7	
12/5/2018 12:58	59.4	62.1	55.8	
12/5/2018 13:03	58.7	61.1	55.1	61.3
12/5/2018 13:08	58.2	59.7	56.0	
12/5/2018 13:13	61.0	63.9	56.6	
12/5/2018 13:18	60.2	62.9	56.8	
12/5/2018 13:23	64.4	63.9	57.7	
12/5/2018 13:28	62.1	65.5	57.5	

Measured Noise Levels (dB(A)) at NMS-CA-1A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
12/5/2018 13:33	60.5	63.9	55.6	62.5
12/5/2018 13:38	60.9	60.9	56.1	
12/5/2018 13:43	58.7	60.5	55.8	
12/5/2018 13:48	62.2	65.8	57.5	
12/5/2018 13:53	66.7	66.4	60.1	
12/5/2018 13:58	60.6	61.6	59.3	
12/5/2018 14:03	61.3	62.6	59.6	64.3
12/5/2018 14:08	65.7	63.9	59.1	
12/5/2018 14:13	60.7	61.5	58.4	
12/5/2018 14:18	61.1	63.3	58.3	
12/5/2018 14:23	68.8	68.9	57.8	
12/5/2018 14:28	60.2	63.7	55.9	
12/5/2018 14:33	58.2	61.2	54.7	58.8
12/5/2018 14:38	57.9	60.4	54.5	
12/5/2018 14:43	60.1	63.4	56.0	
12/5/2018 14:48	58.0	61.0	55.2	
12/5/2018 14:53	59.7	62.1	56.2	
12/5/2018 14:58	58.6	61.7	54.8	
12/5/2018 15:03	65.7	65.9	56.1	61.4
12/5/2018 15:08	59.9	61.9	56.5	
12/5/2018 15:13	58.0	60.2	55.6	
12/5/2018 15:18	59.7	62.2	56.5	
12/5/2018 15:23	59.8	62.7	55.0	
12/5/2018 15:28	59.9	63.1	54.9	
12/5/2018 15:33	59.9	63.2	55.6	58.9
12/5/2018 15:38	58.9	60.4	54.7	
12/5/2018 15:43	58.1	60.8	54.3	
12/5/2018 15:48	59.1	62.6	55.1	
12/5/2018 15:53	56.7	58.8	54.3	
12/5/2018 15:58	59.7	61.9	55.4	
12/5/2018 16:03	60.9	63.6	56.3	61.4
12/5/2018 16:08	60.4	63.6	55.3	
12/5/2018 16:13	59.5	62.3	54.9	
12/5/2018 16:18	60.1	63.7	54.6	
12/5/2018 16:23	62.1	66.1	54.8	
12/5/2018 16:28	63.7	67.7	55.4	
12/5/2018 16:33	62.1	66.4	55.1	65.2
12/5/2018 16:38	62.8	66.9	55.4	
12/5/2018 16:43	63.8	68.1	55.6	
12/5/2018 16:48	69.0	70.6	55.5	
12/5/2018 16:53	63.1	66.4	56.1	
12/5/2018 16:58	66.2	71.0	55.4	
12/5/2018 17:03	61.3	64.3	56.2	63.6
12/5/2018 17:08	62.5	65.8	56.2	
12/5/2018 17:13	67.0	71.3	55.2	
12/5/2018 17:18	62.1	65.7	54.7	
12/5/2018 17:23	61.2	64.9	52.8	
12/5/2018 17:28	64.0	68.0	55.4	
12/5/2018 17:33	63.2	66.4	54.5	63.8
12/5/2018 17:38	61.6	66.3	52.9	
12/5/2018 17:43	64.7	69.2	53.5	
12/5/2018 17:48	61.2	64.4	53.1	
12/5/2018 17:53	67.6	71.8	52.4	
12/5/2018 17:58	58.8	61.8	53.0	

Measured Noise Levels (dB(A)) at NMS-CA-1A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
12/5/2018 18:03	62.4	66.5	54.1	62.7
12/5/2018 18:08	62.7	66.2	55.0	
12/5/2018 18:13	61.7	66.3	53.9	
12/5/2018 18:18	63.6	67.6	54.7	
12/5/2018 18:23	62.1	66.4	54.1	
12/5/2018 18:28	63.4	67.4	54.6	
12/5/2018 18:33	64.5	68.9	52.9	61.9
12/5/2018 18:38	62.8	67.0	52.9	
12/5/2018 18:43	63.9	67.4	53.5	
12/5/2018 18:48	60.5	64.6	52.8	
12/5/2018 18:53	55.6	58.9	50.5	
12/5/2018 18:58	57.3	60.2	52.0	
14/5/2018 7:04	56.0	58.8	51.5	57.1
14/5/2018 7:09	57.3	60.5	52.3	
14/5/2018 7:14	57.8	60.1	53.6	
14/5/2018 7:19	56.8	60.2	51.5	
14/5/2018 7:24	58.2	60.9	51.2	
14/5/2018 7:29	56.0	58.5	52.0	
14/5/2018 7:34	52.9	54.6	51.2	56.5
14/5/2018 7:39	57.3	61.0	52.0	
14/5/2018 7:44	57.4	60.2	52.3	
14/5/2018 7:49	57.8	61.0	52.6	
14/5/2018 7:54	56.6	58.2	51.6	
14/5/2018 7:59	55.2	56.9	52.3	
14/5/2018 8:04	57.6	61.1	53.3	58.0
14/5/2018 8:09	58.3	60.8	54.0	
14/5/2018 8:14	57.8	60.0	54.1	
14/5/2018 8:19	57.7	61.1	53.8	
14/5/2018 8:24	58.4	61.3	54.0	
14/5/2018 8:29	58.0	61.1	54.1	
14/5/2018 8:34	57.4	60.7	53.9	58.2
14/5/2018 8:39	58.0	60.4	54.8	
14/5/2018 8:44	55.8	58.0	53.5	
14/5/2018 8:49	59.0	62.8	53.7	
14/5/2018 8:54	57.7	60.7	54.1	
14/5/2018 8:59	59.9	62.3	56.7	
14/5/2018 9:04	60.2	63.2	55.6	59.5
14/5/2018 9:09	59.5	61.8	56.1	
14/5/2018 9:14	59.8	63.3	55.3	
14/5/2018 9:19	59.9	62.7	55.9	
14/5/2018 9:24	58.7	60.6	55.4	
14/5/2018 9:29	58.9	61.5	55.5	
14/5/2018 9:34	58.2	60.7	55.5	63.0
14/5/2018 9:39	59.6	62.4	56.0	
14/5/2018 9:44	64.5	67.4	56.2	
14/5/2018 9:49	67.6	66.4	58.0	
14/5/2018 9:54	59.7	62.3	56.3	
14/5/2018 9:59	60.0	62.0	56.6	
14/5/2018 10:04	59.6	62.6	55.7	59.5
14/5/2018 10:09	59.5	62.2	56.1	
14/5/2018 10:14	59.5	61.3	57.2	
14/5/2018 10:19	59.6	62.4	56.2	
14/5/2018 10:24	58.3	61.1	55.3	
14/5/2018 10:29	60.4	62.5	57.2	

Measured Noise Levels (dB(A)) at NMS-CA-1A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
14/5/2018 10:34	65.7	67.3	57.8	62.7
14/5/2018 10:39	60.1	62.6	56.9	
14/5/2018 10:44	65.4	65.4	56.3	
14/5/2018 10:49	58.7	61.1	56.2	
14/5/2018 10:54	58.2	60.4	55.7	
14/5/2018 10:59	61.8	63.4	57.4	
14/5/2018 11:04	59.9	61.9	57.6	64.5
14/5/2018 11:09	60.6	62.9	57.3	
14/5/2018 11:14	63.2	66.7	58.1	
14/5/2018 11:19	66.6	70.4	57.5	
14/5/2018 11:24	67.7	71.6	58.1	
14/5/2018 11:29	63.4	67.3	56.3	
14/5/2018 11:34	59.1	62.2	54.9	59.6
14/5/2018 11:39	58.8	61.6	55.6	
14/5/2018 11:44	59.1	61.3	55.7	
14/5/2018 11:49	61.5	64.6	56.9	
14/5/2018 11:54	58.4	61.3	55.1	
14/5/2018 11:59	60.0	63.0	55.2	
14/5/2018 12:04	58.8	62.3	54.5	60.5
14/5/2018 12:09	56.4	58.4	53.9	
14/5/2018 12:14	63.9	63.8	53.9	
14/5/2018 12:19	60.9	64.5	55.1	
14/5/2018 12:24	60.2	62.5	55.6	
14/5/2018 12:29	59.3	62.1	55.8	
14/5/2018 12:34	58.2	60.7	55.1	58.4
14/5/2018 12:39	56.5	58.8	53.7	
14/5/2018 12:44	59.5	62.6	53.9	
14/5/2018 12:49	57.5	60.7	53.8	
14/5/2018 12:54	58.8	61.1	55.7	
14/5/2018 12:59	59.0	61.4	54.9	
14/5/2018 13:04	59.3	61.3	56.8	60.2
14/5/2018 13:09	59.4	61.1	56.9	
14/5/2018 13:14	60.9	63.2	57.6	
14/5/2018 13:19	60.1	62.2	57.2	
14/5/2018 13:24	60.0	62.3	57.6	
14/5/2018 13:29	61.0	63.5	57.7	
14/5/2018 13:34	59.5	61.7	57.0	59.9
14/5/2018 13:39	60.4	62.8	57.2	
14/5/2018 13:44	59.8	62.3	56.5	
14/5/2018 13:49	60.4	62.9	56.3	
14/5/2018 13:54	59.8	61.7	56.9	
14/5/2018 13:59	59.1	61.5	56.2	
14/5/2018 14:04	59.1	60.9	56.7	60.3
14/5/2018 14:09	62.5	62.8	56.5	
14/5/2018 14:14	60.4	62.7	57.1	
14/5/2018 14:19	60.1	63.3	56.6	
14/5/2018 14:24	59.6	62.9	56.0	
14/5/2018 14:29	59.4	61.9	56.3	
14/5/2018 14:34	58.6	60.5	56.2	62.7
14/5/2018 14:39	59.9	62.3	56.6	
14/5/2018 14:44	58.2	61.0	54.2	
14/5/2018 14:49	59.4	62.0	55.9	
14/5/2018 14:54	66.2	70.5	56.4	
14/5/2018 14:59	65.8	69.9	56.5	

Measured Noise Levels (dB(A)) at NMS-CA-1A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
14/5/2018 15:04	60.8	62.9	56.9	59.6
14/5/2018 15:09	59.0	61.5	55.6	
14/5/2018 15:14	59.0	61.0	56.0	
14/5/2018 15:19	60.9	64.3	55.3	
14/5/2018 15:24	58.3	59.8	55.7	
14/5/2018 15:29	58.6	61.3	55.8	
14/5/2018 15:34	64.8	65.6	55.5	60.0
14/5/2018 15:39	56.8	58.5	54.4	
14/5/2018 15:44	57.8	59.1	54.1	
14/5/2018 15:49	59.5	63.3	55.0	
14/5/2018 15:54	57.2	59.3	54.6	
14/5/2018 15:59	56.9	58.6	54.3	
14/5/2018 16:04	58.2	61.0	54.3	58.7
14/5/2018 16:09	56.8	59.4	53.9	
14/5/2018 16:14	57.0	59.1	53.9	
14/5/2018 16:19	58.5	60.1	55.3	
14/5/2018 16:24	60.8	63.7	56.3	
14/5/2018 16:29	59.6	61.0	56.1	
14/5/2018 16:34	59.2	61.1	55.7	58.6
14/5/2018 16:39	57.6	60.2	54.8	
14/5/2018 16:44	58.7	61.6	55.0	
14/5/2018 16:49	60.0	63.1	56.0	
14/5/2018 16:54	58.0	61.0	54.8	
14/5/2018 16:59	57.5	60.1	54.1	
14/5/2018 17:04	57.8	60.2	54.5	57.9
14/5/2018 17:09	56.9	59.1	52.8	
14/5/2018 17:14	57.2	59.8	53.1	
14/5/2018 17:19	59.3	61.6	54.4	
14/5/2018 17:24	56.3	58.7	53.6	
14/5/2018 17:29	59.1	61.7	53.4	
14/5/2018 17:34	57.2	59.2	53.3	58.1
14/5/2018 17:39	58.6	61.6	54.1	
14/5/2018 17:44	56.3	59.0	52.3	
14/5/2018 17:49	56.9	59.9	52.6	
14/5/2018 17:54	60.5	64.3	53.4	
14/5/2018 17:59	57.4	60.1	53.2	
14/5/2018 18:04	58.5	61.3	53.9	58.1
14/5/2018 18:09	57.8	61.5	52.8	
14/5/2018 18:14	58.2	61.6	53.3	
14/5/2018 18:19	56.9	59.6	52.2	
14/5/2018 18:24	58.4	62.0	52.4	
14/5/2018 18:29	58.6	62.4	53.4	
14/5/2018 18:34	56.9	59.8	52.2	58.4
14/5/2018 18:39	59.0	62.2	53.2	
14/5/2018 18:44	60.3	64.2	51.5	
14/5/2018 18:49	58.7	62.9	52.6	
14/5/2018 18:54	57.4	60.9	52.2	
14/5/2018 18:59	57.4	60.6	53.1	
15/5/2018 7:04	57.4	58.2	51.1	60.9
15/5/2018 7:09	57.3	59.3	51.3	
15/5/2018 7:14	56.6	59.8	51.8	
15/5/2018 7:19	57.0	60.4	51.3	
15/5/2018 7:24	57.1	59.9	51.0	
15/5/2018 7:29	66.8	65.8	52.5	

Measured Noise Levels (dB(A)) at NMS-CA-1A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
15/5/2018 7:34	55.7	58.0	53.4	58.0
15/5/2018 7:39	59.6	62.5	55.2	
15/5/2018 7:44	57.1	60.3	52.1	
15/5/2018 7:49	60.2	63.3	55.2	
15/5/2018 7:54	56.1	58.0	53.8	
15/5/2018 7:59	57.3	60.3	53.8	
15/5/2018 8:04	59.0	62.6	53.8	58.4
15/5/2018 8:09	59.2	61.5	53.9	
15/5/2018 8:14	58.9	61.6	55.0	
15/5/2018 8:19	58.9	61.8	55.1	
15/5/2018 8:24	56.3	58.1	53.6	
15/5/2018 8:29	57.3	59.2	54.1	
15/5/2018 8:34	59.3	62.2	54.8	58.5
15/5/2018 8:39	56.4	58.7	53.7	
15/5/2018 8:44	58.0	60.2	54.5	
15/5/2018 8:49	58.4	60.9	54.1	
15/5/2018 8:54	57.3	59.9	54.3	
15/5/2018 8:59	60.4	63.5	55.7	
15/5/2018 9:04	56.9	59.3	54.4	58.8
15/5/2018 9:09	56.7	58.2	54.9	
15/5/2018 9:14	60.7	63.3	56.2	
15/5/2018 9:19	58.9	61.5	55.2	
15/5/2018 9:24	58.1	60.0	55.9	
15/5/2018 9:29	60.1	63.5	56.1	
15/5/2018 9:34	58.0	59.6	55.9	58.9
15/5/2018 9:39	59.3	62.0	56.6	
15/5/2018 9:44	59.0	61.6	55.5	
15/5/2018 9:49	58.5	60.4	56.3	
15/5/2018 9:54	58.9	60.9	56.3	
15/5/2018 9:59	59.5	61.6	57.1	
15/5/2018 10:04	64.0	66.4	55.2	61.0
15/5/2018 10:09	58.7	61.8	54.8	
15/5/2018 10:14	58.7	61.2	55.3	
15/5/2018 10:19	58.9	61.9	55.3	
15/5/2018 10:24	63.1	65.8	55.8	
15/5/2018 10:29	58.9	61.5	55.1	
15/5/2018 10:34	59.6	62.2	56.1	59.6
15/5/2018 10:39	59.6	62.7	56.2	
15/5/2018 10:44	60.4	62.8	56.5	
15/5/2018 10:49	58.8	60.7	55.5	
15/5/2018 10:54	59.2	62.5	55.6	
15/5/2018 10:59	59.7	62.7	55.3	
15/5/2018 11:04	57.1	59.9	54.1	60.4
15/5/2018 11:09	58.2	60.4	54.3	
15/5/2018 11:14	59.2	61.4	55.0	
15/5/2018 11:19	58.6	61.1	55.2	
15/5/2018 11:24	58.6	60.6	54.8	
15/5/2018 11:29	64.9	65.6	55.3	
15/5/2018 11:34	57.9	60.3	54.9	60.0
15/5/2018 11:39	58.0	60.7	54.4	
15/5/2018 11:44	57.1	59.1	54.3	
15/5/2018 11:49	64.4	64.6	54.5	
15/5/2018 11:54	58.8	61.4	54.6	
15/5/2018 11:59	58.5	61.3	54.2	

Measured Noise Levels (dB(A)) at NMS-CA-1A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
15/5/2018 12:04	56.7	59.1	53.7	58.1
15/5/2018 12:09	58.6	61.9	54.4	
15/5/2018 12:14	59.2	61.6	53.5	
15/5/2018 12:19	58.5	62.0	54.5	
15/5/2018 12:24	57.1	58.7	54.4	
15/5/2018 12:29	57.8	60.8	53.6	
15/5/2018 12:34	59.4	61.9	54.5	61.6
15/5/2018 12:39	57.5	60.6	53.0	
15/5/2018 12:44	57.9	60.7	54.0	
15/5/2018 12:49	57.1	59.8	53.0	
15/5/2018 12:54	67.2	64.6	54.2	
15/5/2018 12:59	59.0	61.4	54.8	
15/5/2018 13:04	57.1	59.1	54.5	60.3
15/5/2018 13:09	60.2	62.8	55.3	
15/5/2018 13:14	59.2	61.7	55.4	
15/5/2018 13:19	60.1	61.1	54.7	
15/5/2018 13:24	63.3	64.5	56.5	
15/5/2018 13:29	59.7	62.5	56.0	
15/5/2018 13:34	58.4	60.3	55.8	59.9
15/5/2018 13:39	59.9	61.5	56.2	
15/5/2018 13:44	60.1	62.3	56.9	
15/5/2018 13:49	59.4	61.9	56.5	
15/5/2018 13:54	60.9	63.2	58.1	
15/5/2018 13:59	60.1	62.8	57.1	
15/5/2018 14:04	59.5	61.7	55.5	61.5
15/5/2018 14:09	59.2	61.5	55.8	
15/5/2018 14:14	60.2	63.0	56.7	
15/5/2018 14:19	65.5	65.8	56.5	
15/5/2018 14:24	59.8	62.4	56.1	
15/5/2018 14:29	60.6	63.9	55.6	
15/5/2018 14:34	63.2	63.8	55.3	61.4
15/5/2018 14:39	58.9	61.1	55.6	
15/5/2018 14:44	59.6	62.1	55.9	
15/5/2018 14:49	58.1	60.6	55.2	
15/5/2018 14:54	65.1	67.5	56.4	
15/5/2018 14:59	57.6	60.0	54.8	
15/5/2018 15:04	63.7	64.9	56.1	62.2
15/5/2018 15:09	59.1	61.3	55.7	
15/5/2018 15:14	59.5	62.9	55.6	
15/5/2018 15:19	66.1	67.4	57.4	
15/5/2018 15:24	59.5	62.7	55.2	
15/5/2018 15:29	59.5	62.2	55.2	
15/5/2018 15:34	60.2	63.2	55.9	60.3
15/5/2018 15:39	60.0	62.3	56.6	
15/5/2018 15:44	61.2	64.7	56.5	
15/5/2018 15:49	60.6	63.4	56.7	
15/5/2018 15:54	59.4	61.4	56.4	
15/5/2018 15:59	59.9	63.1	55.4	
15/5/2018 16:04	59.2	62.3	55.3	61.0
15/5/2018 16:09	60.9	64.3	55.5	
15/5/2018 16:14	64.2	65.4	55.5	
15/5/2018 16:19	60.1	61.9	54.1	
15/5/2018 16:24	59.4	62.0	55.1	
15/5/2018 16:29	59.8	63.4	54.5	

Measured Noise Levels (dB(A)) at NMS-CA-1A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
15/5/2018 16:34	59.2	61.9	54.8	63.3
15/5/2018 16:39	65.0	67.7	54.4	
15/5/2018 16:44	68.1	72.1	62.7	
15/5/2018 16:49	60.7	63.8	55.1	
15/5/2018 16:54	57.5	60.2	54.0	
15/5/2018 16:59	58.6	61.2	55.0	
15/5/2018 17:04	57.9	60.9	53.1	60.2
15/5/2018 17:09	65.0	66.6	53.4	
15/5/2018 17:14	57.4	61.2	52.9	
15/5/2018 17:19	58.5	61.6	52.8	
15/5/2018 17:24	57.9	61.2	53.9	
15/5/2018 17:29	57.7	59.8	53.3	
15/5/2018 17:34	58.4	60.4	53.2	59.1
15/5/2018 17:39	59.8	62.7	53.6	
15/5/2018 17:44	60.2	62.1	53.1	
15/5/2018 17:49	57.8	60.6	52.4	
15/5/2018 17:54	60.8	64.0	53.0	
15/5/2018 17:59	56.0	58.6	52.3	
15/5/2018 18:04	58.1	61.4	52.7	57.6
15/5/2018 18:09	57.0	60.1	52.3	
15/5/2018 18:14	56.6	59.8	51.9	
15/5/2018 18:19	59.0	61.6	52.1	
15/5/2018 18:24	56.2	57.7	51.7	
15/5/2018 18:29	58.2	61.1	51.7	
15/5/2018 18:34	59.8	64.1	52.1	57.8
15/5/2018 18:39	56.6	59.7	52.9	
15/5/2018 18:44	58.5	62.5	52.2	
15/5/2018 18:49	58.0	61.7	52.2	
15/5/2018 18:54	55.1	56.7	52.0	
15/5/2018 18:59	57.6	60.7	52.9	
16/5/2018 7:04	55.9	58.8	51.5	58.7
16/5/2018 7:09	57.6	59.8	52.3	
16/5/2018 7:14	58.1	60.6	52.6	
16/5/2018 7:19	56.2	58.8	52.2	
16/5/2018 7:24	59.9	63.1	52.1	
16/5/2018 7:29	61.5	65.7	53.1	
16/5/2018 7:34	59.4	63.5	53.0	62.0
16/5/2018 7:39	63.6	68.1	53.8	
16/5/2018 7:44	58.0	61.6	52.2	
16/5/2018 7:49	64.0	67.7	54.6	
16/5/2018 7:54	59.7	62.1	53.8	
16/5/2018 7:59	63.7	66.9	58.8	
16/5/2018 8:04	64.1	67.0	59.3	63.3
16/5/2018 8:09	65.0	68.6	58.3	
16/5/2018 8:14	61.9	65.4	55.1	
16/5/2018 8:19	63.7	68.2	54.9	
16/5/2018 8:24	61.7	65.8	55.4	
16/5/2018 8:29	62.2	65.5	56.1	
16/5/2018 8:34	64.3	68.0	55.7	62.2
16/5/2018 8:39	61.9	65.8	55.5	
16/5/2018 8:44	62.5	66.5	53.2	
16/5/2018 8:49	62.0	65.4	54.9	
16/5/2018 8:54	62.0	65.7	53.2	
16/5/2018 8:59	58.2	60.5	54.3	

Measured Noise Levels (dB(A)) at NMS-CA-1A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
16/5/2018 9:04	56.9	59.1	54.1	60.5
16/5/2018 9:09	56.8	58.0	53.9	
16/5/2018 9:14	58.7	62.1	54.7	
16/5/2018 9:19	60.4	63.9	55.1	
16/5/2018 9:24	61.3	63.7	56.4	
16/5/2018 9:29	64.0	66.4	60.0	
16/5/2018 9:31	60.9	63.6	55.5	61.8
16/5/2018 9:36	62.1	64.4	57.3	
16/5/2018 9:41	62.0	64.1	56.9	
16/5/2018 9:46	60.9	63.6	56.0	
16/5/2018 9:51	63.1	66.8	55.9	
16/5/2018 9:56	61.1	65.8	55.7	
16/5/2018 10:01	57.8	59.8	54.4	60.4
16/5/2018 10:06	58.9	62.0	55.1	
16/5/2018 10:11	58.7	61.4	54.7	
16/5/2018 10:16	65.4	66.4	54.5	
16/5/2018 10:21	57.8	60.4	54.4	
16/5/2018 10:26	56.4	58.3	53.4	
16/5/2018 10:31	59.4	62.6	55.4	59.3
16/5/2018 10:36	58.7	61.5	55.5	
16/5/2018 10:41	56.7	58.7	53.5	
16/5/2018 10:46	62.6	66.2	55.4	
16/5/2018 10:51	57.0	58.5	54.6	
16/5/2018 10:56	58.2	61.1	54.3	
16/5/2018 11:01	64.3	67.6	55.6	60.0
16/5/2018 11:06	58.0	61.7	53.6	
16/5/2018 11:11	57.4	59.5	54.1	
16/5/2018 11:16	59.1	63.3	53.7	
16/5/2018 11:21	56.9	58.9	54.6	
16/5/2018 11:26	58.9	61.2	56.3	
16/5/2018 11:31	58.3	61.0	54.8	63.3
16/5/2018 11:36	56.2	58.0	53.9	
16/5/2018 11:41	69.9	73.8	56.9	
16/5/2018 11:46	57.8	60.0	54.4	
16/5/2018 11:51	59.5	62.9	54.7	
16/5/2018 11:56	56.4	58.8	53.6	
16/5/2018 12:01	62.7	65.3	54.0	60.9
16/5/2018 12:06	56.5	59.4	52.8	
16/5/2018 12:11	55.5	57.7	52.4	
16/5/2018 12:16	55.7	58.3	52.7	
16/5/2018 12:21	62.0	65.4	52.9	
16/5/2018 12:26	64.4	65.3	53.6	
16/5/2018 12:31	60.0	63.2	54.4	61.0
16/5/2018 12:36	65.7	60.1	52.4	
16/5/2018 12:41	55.3	57.3	52.4	
16/5/2018 12:46	59.2	61.2	54.6	
16/5/2018 12:51	59.0	61.2	55.5	
16/5/2018 12:56	59.8	62.1	56.8	
16/5/2018 13:01	58.4	59.6	57.0	59.8
16/5/2018 13:06	58.9	59.5	57.7	
16/5/2018 13:11	60.5	61.4	59.6	
16/5/2018 13:16	60.5	63.1	57.3	
16/5/2018 13:21	59.6	60.3	58.2	
16/5/2018 13:26	60.5	62.4	58.1	

Measured Noise Levels (dB(A)) at NMS-CA-1A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
16/5/2018 13:31	63.4	65.7	61.3	63.5
16/5/2018 13:36	65.0	65.0	57.6	
16/5/2018 13:41	60.1	61.1	57.4	
16/5/2018 13:46	67.2	66.5	57.4	
16/5/2018 13:51	58.9	61.8	55.0	
16/5/2018 13:56	60.7	62.1	55.5	
16/5/2018 14:01	62.4	65.8	55.6	59.7
16/5/2018 14:06	58.9	61.6	55.4	
16/5/2018 14:11	59.0	61.5	55.2	
16/5/2018 14:16	60.1	63.3	55.8	
16/5/2018 14:21	57.9	59.7	55.3	
16/5/2018 14:26	58.2	61.0	55.1	
16/5/2018 14:31	65.2	64.6	55.5	63.3
16/5/2018 14:36	60.8	59.9	54.6	
16/5/2018 14:41	64.9	64.8	55.7	
16/5/2018 14:46	58.0	60.3	54.7	
16/5/2018 14:51	65.4	66.8	54.4	
16/5/2018 14:56	60.0	62.8	54.6	
16/5/2018 15:01	59.6	62.6	55.4	58.6
16/5/2018 15:06	58.8	61.4	54.9	
16/5/2018 15:11	59.1	61.7	55.7	
16/5/2018 15:16	58.3	60.5	54.7	
16/5/2018 15:21	58.3	60.7	54.9	
16/5/2018 15:26	57.1	59.5	54.3	
16/5/2018 15:31	61.4	65.4	55.9	59.4
16/5/2018 15:36	59.0	61.4	55.4	
16/5/2018 15:41	57.9	60.5	55.1	
16/5/2018 15:46	58.8	61.2	55.6	
16/5/2018 15:51	59.7	62.8	55.8	
16/5/2018 15:56	58.7	60.5	55.9	
16/5/2018 16:01	60.6	64.4	54.7	62.7
16/5/2018 16:06	59.0	62.1	54.9	
16/5/2018 16:11	59.7	62.3	54.9	
16/5/2018 16:16	62.9	61.5	54.6	
16/5/2018 16:21	67.6	69.3	54.8	
16/5/2018 16:26	57.0	59.5	53.6	
16/5/2018 16:31	57.7	60.2	54.4	57.8
16/5/2018 16:36	57.4	59.2	53.9	
16/5/2018 16:41	56.5	58.9	54.5	
16/5/2018 16:46	58.3	60.2	55.1	
16/5/2018 16:51	58.7	61.9	54.1	
16/5/2018 16:56	57.8	59.9	53.4	
16/5/2018 17:01	66.4	62.6	53.8	62.7
16/5/2018 17:06	59.2	61.9	54.1	
16/5/2018 17:11	57.1	59.5	53.8	
16/5/2018 17:16	62.7	65.4	54.6	
16/5/2018 17:21	57.3	59.6	53.3	
16/5/2018 17:26	64.8	65.2	54.3	
16/5/2018 17:31	56.1	58.8	52.7	60.3
16/5/2018 17:36	57.4	59.4	52.5	
16/5/2018 17:41	59.2	62.1	54.5	
16/5/2018 17:46	57.2	59.6	52.8	
16/5/2018 17:51	65.5	65.6	53.5	
16/5/2018 17:56	57.2	60.7	53.9	

Measured Noise Levels (dB(A)) at NMS-CA-1A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
16/5/2018 18:01	59.4	60.6	53.2	58.7
16/5/2018 18:06	60.2	63.2	54.2	
16/5/2018 18:11	55.8	58.1	52.9	
16/5/2018 18:16	57.6	60.7	52.6	
16/5/2018 18:21	58.8	62.3	53.2	
16/5/2018 18:26	59.3	62.4	53.0	
16/5/2018 18:31	58.0	61.0	52.9	57.7
16/5/2018 18:36	56.6	59.8	51.3	
16/5/2018 18:41	59.6	63.0	53.3	
16/5/2018 18:46	58.4	60.7	51.4	
16/5/2018 18:51	56.0	59.7	50.6	
16/5/2018 18:56	56.4	59.9	51.2	
17/5/2018 7:01	53.6	55.4	50.3	60.4
17/5/2018 7:06	56.7	59.6	52.0	
17/5/2018 7:11	56.8	58.4	51.1	
17/5/2018 7:16	56.8	60.2	51.5	
17/5/2018 7:21	54.5	57.6	50.4	
17/5/2018 7:26	66.7	65.0	52.7	
17/5/2018 7:31	55.0	57.7	51.9	57.6
17/5/2018 7:36	57.7	60.3	52.6	
17/5/2018 7:41	56.8	60.1	52.1	
17/5/2018 7:46	59.5	63.0	53.6	
17/5/2018 7:51	59.0	62.8	53.4	
17/5/2018 7:56	55.6	57.8	53.0	
17/5/2018 8:01	56.0	58.6	53.2	61.6
17/5/2018 8:06	60.1	62.6	54.9	
17/5/2018 8:11	56.4	58.2	54.6	
17/5/2018 8:16	58.2	61.2	54.5	
17/5/2018 8:21	60.0	63.0	55.4	
17/5/2018 8:26	67.2	63.5	54.5	
17/5/2018 8:31	58.4	60.3	54.7	60.7
17/5/2018 8:36	58.1	61.0	53.9	
17/5/2018 8:41	57.0	59.0	54.4	
17/5/2018 8:46	60.3	63.0	56.3	
17/5/2018 8:51	65.3	66.7	54.8	
17/5/2018 8:56	58.7	60.7	54.8	
17/5/2018 9:01	56.9	59.1	54.7	59.6
17/5/2018 9:06	58.3	61.3	54.5	
17/5/2018 9:11	56.8	58.5	54.4	
17/5/2018 9:16	64.0	66.1	55.0	
17/5/2018 9:21	56.8	59.2	54.4	
17/5/2018 9:26	59.3	62.1	54.9	
17/5/2018 9:31	58.7	61.6	54.4	60.2
17/5/2018 9:36	58.3	60.6	55.3	
17/5/2018 9:41	64.5	65.0	56.7	
17/5/2018 9:46	59.2	61.9	56.2	
17/5/2018 9:51	57.3	60.0	54.2	
17/5/2018 9:56	58.2	61.0	54.6	
17/5/2018 10:01	59.9	61.9	56.0	61.1
17/5/2018 10:06	59.2	61.8	54.7	
17/5/2018 10:11	59.2	62.2	54.6	
17/5/2018 10:16	58.6	60.8	54.8	
17/5/2018 10:21	58.2	60.9	54.7	
17/5/2018 10:26	65.7	66.2	55.2	

Measured Noise Levels (dB(A)) at NMS-CA-1A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
17/5/2018 10:31	60.8	63.7	56.3	60.3
17/5/2018 10:36	61.0	64.7	56.8	
17/5/2018 10:41	57.4	59.1	54.9	
17/5/2018 10:46	59.6	62.5	55.3	
17/5/2018 10:51	58.1	60.0	55.6	
17/5/2018 10:56	62.7	64.5	55.1	
17/5/2018 11:01	66.7	67.7	56.1	61.5
17/5/2018 11:06	58.9	62.2	55.8	
17/5/2018 11:11	59.5	62.1	55.4	
17/5/2018 11:16	58.8	61.8	54.7	
17/5/2018 11:21	56.1	57.7	54.4	
17/5/2018 11:26	59.9	63.1	55.4	
17/5/2018 11:31	56.3	57.8	54.7	60.4
17/5/2018 11:36	57.2	59.5	54.5	
17/5/2018 11:41	65.7	67.1	54.6	
17/5/2018 11:46	57.8	61.0	53.2	
17/5/2018 11:51	58.6	61.9	53.4	
17/5/2018 11:56	57.7	60.3	53.4	
17/5/2018 12:01	58.1	61.7	52.8	58.1
17/5/2018 12:06	58.3	61.3	53.9	
17/5/2018 12:11	58.3	61.4	53.3	
17/5/2018 12:16	59.1	63.3	52.7	
17/5/2018 12:21	57.9	60.5	54.8	
17/5/2018 12:26	56.8	59.6	54.1	
17/5/2018 12:31	58.4	61.4	53.9	60.5
17/5/2018 12:36	57.4	59.6	53.7	
17/5/2018 12:41	65.5	65.6	53.1	
17/5/2018 12:46	59.0	62.2	53.9	
17/5/2018 12:51	57.0	59.0	54.1	
17/5/2018 12:56	58.3	61.6	53.8	
17/5/2018 13:01	62.4	63.8	60.8	62.9
17/5/2018 13:06	62.1	64.2	57.7	
17/5/2018 13:11	65.6	66.2	54.6	
17/5/2018 13:16	60.5	63.5	56.1	
17/5/2018 13:21	64.7	64.2	55.3	
17/5/2018 13:26	57.7	59.4	54.6	
17/5/2018 13:31	64.3	66.8	57.1	61.7
17/5/2018 13:36	63.1	66.5	56.1	
17/5/2018 13:41	60.1	61.7	56.1	
17/5/2018 13:46	60.5	63.2	56.5	
17/5/2018 13:51	59.6	61.5	57.0	
17/5/2018 13:56	60.4	62.7	57.4	
17/5/2018 14:01	60.3	62.9	56.5	62.5
17/5/2018 14:06	57.6	59.9	55.0	
17/5/2018 14:11	57.1	59.2	54.2	
17/5/2018 14:16	65.9	67.9	55.4	
17/5/2018 14:21	59.7	63.0	54.4	
17/5/2018 14:26	65.6	64.0	56.4	
17/5/2018 14:31	61.0	63.6	55.9	60.9
17/5/2018 14:36	64.4	61.4	56.3	
17/5/2018 14:41	60.0	62.3	56.9	
17/5/2018 14:46	59.0	60.5	56.2	
17/5/2018 14:51	58.4	60.8	55.9	
17/5/2018 14:56	59.3	60.8	56.3	

Measured Noise Levels (dB(A)) at NMS-CA-1A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
17/5/2018 15:01	60.6	63.5	55.6	61.5
17/5/2018 15:06	58.6	61.5	54.9	
17/5/2018 15:11	57.2	59.3	55.3	
17/5/2018 15:16	66.6	67.2	55.1	
17/5/2018 15:21	59.6	63.1	55.2	
17/5/2018 15:26	57.8	59.9	54.5	61.7
17/5/2018 15:31	58.1	61.1	54.6	
17/5/2018 15:36	60.3	62.3	55.1	
17/5/2018 15:41	62.2	63.6	53.8	
17/5/2018 15:46	59.0	61.2	54.4	
17/5/2018 15:51	63.6	63.0	54.6	61.5
17/5/2018 15:56	63.8	64.2	54.5	
17/5/2018 16:01	63.7	66.7	53.7	
17/5/2018 16:06	63.1	61.7	54.8	
17/5/2018 16:11	59.3	62.5	54.8	
17/5/2018 16:16	58.9	61.9	55.0	62.9
17/5/2018 16:21	57.3	59.4	54.1	
17/5/2018 16:26	62.7	65.6	54.1	
17/5/2018 16:31	66.6	68.7	54.9	
17/5/2018 16:36	64.4	64.1	53.9	
17/5/2018 16:41	57.0	59.8	53.8	59.6
17/5/2018 16:46	58.8	62.3	53.6	
17/5/2018 16:51	64.2	66.5	55.0	
17/5/2018 16:56	56.2	58.1	53.8	
17/5/2018 17:01	58.9	61.7	54.1	
17/5/2018 17:06	58.3	61.1	54.1	57.4
17/5/2018 17:11	57.8	60.6	53.7	
17/5/2018 17:16	57.2	60.4	52.7	
17/5/2018 17:21	63.4	61.4	53.3	
17/5/2018 17:26	58.1	60.8	54.1	
17/5/2018 17:31	57.9	62.2	52.9	57.7
17/5/2018 17:36	57.4	60.2	53.2	
17/5/2018 17:41	57.4	59.2	53.0	
17/5/2018 17:46	57.3	59.7	53.0	
17/5/2018 17:51	57.1	61.1	52.0	
17/5/2018 17:56	57.2	60.2	53.0	61.2
17/5/2018 18:01	55.4	58.3	51.8	
17/5/2018 18:06	57.7	60.5	53.6	
17/5/2018 18:11	56.4	59.5	52.1	
17/5/2018 18:16	57.7	61.3	51.0	
17/5/2018 18:21	59.0	60.6	52.3	56.4
17/5/2018 18:26	59.1	61.2	51.8	
17/5/2018 18:31	57.9	60.1	51.6	
17/5/2018 18:36	59.9	63.7	53.2	
17/5/2018 18:41	57.8	61.4	52.1	
17/5/2018 18:46	57.5	60.6	52.8	60.6
17/5/2018 18:51	66.3	67.1	54.5	
17/5/2018 18:56	59.2	63.1	52.3	
18/5/2018 7:01	53.4	54.5	50.6	
18/5/2018 7:06	54.7	56.6	52.5	
18/5/2018 7:11	56.2	59.3	50.4	60.6
18/5/2018 7:16	57.2	60.0	52.0	
18/5/2018 7:21	56.9	60.2	51.8	
18/5/2018 7:26	58.3	61.3	51.1	

Measured Noise Levels (dB(A)) at NMS-CA-1A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
18/5/2018 7:31	54.4	56.8	51.6	57.1
18/5/2018 7:36	57.3	59.7	53.1	
18/5/2018 7:41	56.0	59.1	51.6	
18/5/2018 7:46	59.1	62.2	53.9	
18/5/2018 7:51	58.5	61.0	55.3	
18/5/2018 7:56	55.8	57.4	53.9	58.0
18/5/2018 8:01	56.8	59.2	54.1	
18/5/2018 8:06	58.0	60.8	54.4	
18/5/2018 8:11	58.5	61.3	55.0	
18/5/2018 8:16	59.1	62.6	54.4	
18/5/2018 8:21	59.0	62.5	54.8	59.5
18/5/2018 8:26	56.0	57.3	54.4	
18/5/2018 8:31	58.6	60.3	54.7	
18/5/2018 8:36	58.6	60.9	55.3	
18/5/2018 8:41	63.3	65.3	53.6	
18/5/2018 8:46	57.8	61.1	53.6	63.0
18/5/2018 8:51	57.0	58.0	54.8	
18/5/2018 8:56	57.9	59.3	55.4	
18/5/2018 9:01	59.6	62.0	56.4	
18/5/2018 9:06	57.9	59.7	55.5	
18/5/2018 9:11	58.2	59.7	55.7	59.9
18/5/2018 9:16	58.1	61.1	55.1	
18/5/2018 9:21	65.9	65.3	54.3	
18/5/2018 9:26	67.1	65.8	55.9	
18/5/2018 9:31	60.4	63.1	56.0	
18/5/2018 9:36	58.0	59.8	55.8	60.5
18/5/2018 9:41	59.9	62.3	57.0	
18/5/2018 9:46	59.8	61.8	57.3	
18/5/2018 9:51	58.9	61.0	56.4	
18/5/2018 9:56	61.5	63.3	58.9	
18/5/2018 10:01	61.7	63.6	59.1	59.4
18/5/2018 10:06	61.3	63.2	58.8	
18/5/2018 10:11	60.1	61.4	57.2	
18/5/2018 10:16	59.6	62.7	56.3	
18/5/2018 10:21	61.4	64.9	56.8	
18/5/2018 10:26	57.7	59.6	55.6	61.6
18/5/2018 10:31	60.3	65.0	55.4	
18/5/2018 10:36	59.0	61.8	55.0	
18/5/2018 10:41	57.5	59.2	54.7	
18/5/2018 10:46	60.2	63.0	55.1	
18/5/2018 10:51	60.3	61.6	58.9	60.6
18/5/2018 10:56	58.4	60.7	54.3	
18/5/2018 11:01	61.2	62.7	54.7	
18/5/2018 11:06	58.3	60.5	55.3	
18/5/2018 11:11	58.6	60.9	55.1	
18/5/2018 11:16	66.5	65.8	55.4	60.6
18/5/2018 11:21	57.4	59.6	54.3	
18/5/2018 11:26	59.7	62.4	54.8	
18/5/2018 11:31	60.6	63.8	56.1	
18/5/2018 11:36	56.6	58.8	53.9	
18/5/2018 11:41	57.1	60.2	53.3	60.6
18/5/2018 11:46	58.7	61.5	53.3	
18/5/2018 11:51	65.5	66.1	54.3	
18/5/2018 11:56	57.2	59.6	54.2	

Average 63.2  
 Min 56.4  
 Max 68.4



Measured Noise Levels (dB(A)) at NMS-CA-1A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
4/5/2018 19:00	57.1	59.5	53.9
4/5/2018 19:05	60.0	63.6	53.8
4/5/2018 19:10	62.7	66.2	55.7
4/5/2018 19:15	61.9	66.2	54.8
4/5/2018 19:20	63.0	66.8	54.9
4/5/2018 19:25	67.6	70.1	54.7
4/5/2018 19:30	64.2	67.0	54.8
4/5/2018 19:35	64.0	67.8	54.9
4/5/2018 19:40	62.5	65.8	53.5
4/5/2018 19:45	64.7	68.5	55.0
4/5/2018 19:50	63.9	68.2	54.8
4/5/2018 19:55	62.9	66.7	54.9
4/5/2018 20:00	65.3	69.5	54.7
4/5/2018 20:05	63.0	67.2	54.4
4/5/2018 20:10	62.5	65.9	53.4
4/5/2018 20:15	64.6	69.1	55.4
4/5/2018 20:20	63.6	68.2	53.5
4/5/2018 20:25	64.4	67.7	53.1
4/5/2018 20:30	66.1	68.2	55.4
4/5/2018 20:35	63.5	67.3	53.9
4/5/2018 20:40	62.8	67.2	54.5
4/5/2018 20:45	62.8	66.0	55.7
4/5/2018 20:50	62.4	66.5	54.2
4/5/2018 20:55	64.5	68.4	54.6
4/5/2018 21:00	62.8	67.1	54.9
4/5/2018 21:05	62.9	66.4	55.1
4/5/2018 21:10	60.6	63.9	52.5
4/5/2018 21:15	62.3	66.4	54.8
4/5/2018 21:20	63.0	67.1	54.0
4/5/2018 21:25	62.2	66.5	54.2
4/5/2018 21:30	63.9	67.6	53.3
4/5/2018 21:35	62.8	66.2	56.6
4/5/2018 21:40	65.2	68.5	56.5
4/5/2018 21:45	62.7	65.8	57.1
4/5/2018 21:50	63.5	67.1	56.0
4/5/2018 21:55	61.6	64.9	55.7
4/5/2018 22:00	66.4	70.3	57.8
4/5/2018 22:05	65.1	67.9	56.6
4/5/2018 22:10	63.2	67.1	55.9
4/5/2018 22:15	65.5	69.0	57.5
4/5/2018 22:20	63.8	67.5	57.1
4/5/2018 22:25	64.4	67.6	58.5
4/5/2018 22:30	64.1	67.3	57.0
4/5/2018 22:35	61.4	64.4	55.6
4/5/2018 22:40	65.5	69.2	55.9
4/5/2018 22:45	62.9	66.4	56.7
4/5/2018 22:50	63.8	66.7	57.5
4/5/2018 22:55	64.3	67.9	57.3

Measured Noise Levels (dB(A)) at NMS-CA-1A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
5/5/2018 19:00	63.5	67.2	55.5
5/5/2018 19:05	65.7	69.5	57.3
5/5/2018 19:10	65.6	69.7	55.4
5/5/2018 19:15	67.7	70.8	55.9
5/5/2018 19:20	62.9	66.5	55.6
5/5/2018 19:25	66.5	70.0	55.3
5/5/2018 19:30	65.6	69.8	56.2
5/5/2018 19:35	64.9	68.2	57.2
5/5/2018 19:40	66.0	69.8	56.6
5/5/2018 19:45	64.8	68.4	57.0
5/5/2018 19:50	67.0	70.5	58.3
5/5/2018 19:55	66.1	70.2	57.7
5/5/2018 20:00	65.5	69.4	57.1
5/5/2018 20:05	66.4	69.9	57.9
5/5/2018 20:10	69.3	70.9	59.1
5/5/2018 20:15	67.2	71.6	58.5
5/5/2018 20:20	62.0	65.9	54.8
5/5/2018 20:25	65.0	69.4	54.7
5/5/2018 20:30	67.0	71.1	56.7
5/5/2018 20:35	62.1	65.7	55.0
5/5/2018 20:40	62.7	67.1	54.8
5/5/2018 20:45	66.4	69.6	56.9
5/5/2018 20:50	67.3	70.6	58.5
5/5/2018 20:55	63.0	67.4	53.7
5/5/2018 21:00	64.9	68.8	53.9
5/5/2018 21:05	66.3	70.8	56.9
5/5/2018 21:10	64.8	68.7	55.0
5/5/2018 21:15	62.4	65.7	56.1
5/5/2018 21:20	65.3	69.2	56.3
5/5/2018 21:25	65.8	69.5	56.7
5/5/2018 21:30	64.8	67.6	57.8
5/5/2018 21:35	65.3	69.2	55.1
5/5/2018 21:40	64.5	68.1	55.1
5/5/2018 21:45	63.3	67.1	54.8
5/5/2018 21:50	65.1	69.8	54.1
5/5/2018 21:55	61.2	65.1	52.3
5/5/2018 22:00	62.2	66.0	53.6
5/5/2018 22:05	61.4	64.8	51.6
5/5/2018 22:10	61.4	65.7	52.2
5/5/2018 22:15	61.7	66.5	52.7
5/5/2018 22:20	59.8	63.1	50.6
5/5/2018 22:25	59.1	63.2	50.9
5/5/2018 22:30	58.1	62.0	51.1
5/5/2018 22:35	58.9	63.0	51.6
5/5/2018 22:40	60.2	64.7	50.7
5/5/2018 22:45	57.5	60.9	51.5
5/5/2018 22:50	61.2	65.7	53.1
5/5/2018 22:55	58.6	63.4	49.9

Measured Noise Levels (dB(A)) at NMS-CA-1A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
6/5/2018 7:00	61.6	64.3	49.2
6/5/2018 7:05	56.6	60.9	49.9
6/5/2018 7:10	58.9	63.3	50.3
6/5/2018 7:15	58.7	63.3	50.3
6/5/2018 7:20	61.1	65.3	51.5
6/5/2018 7:25	53.6	57.0	49.6
6/5/2018 7:30	58.5	62.7	50.9
6/5/2018 7:35	66.0	68.1	53.5
6/5/2018 7:40	59.6	63.3	51.0
6/5/2018 7:45	63.1	68.7	49.8
6/5/2018 7:50	62.4	66.1	53.6
6/5/2018 7:55	57.8	61.0	52.9
6/5/2018 8:00	62.3	66.6	52.1
6/5/2018 8:05	60.6	65.0	52.6
6/5/2018 8:10	61.6	66.0	53.6
6/5/2018 8:15	61.6	65.6	52.7
6/5/2018 8:20	60.5	64.6	51.9
6/5/2018 8:25	59.1	62.9	49.5
6/5/2018 8:30	60.8	64.7	49.7
6/5/2018 8:35	59.1	62.6	49.7
6/5/2018 8:40	52.5	55.2	49.1
6/5/2018 8:45	56.0	59.4	49.7
6/5/2018 8:50	54.6	57.4	51.2
6/5/2018 8:55	55.5	58.6	52.1
6/5/2018 9:00	57.1	60.2	53.1
6/5/2018 9:05	55.5	58.0	52.1
6/5/2018 9:10	55.3	58.0	52.0
6/5/2018 9:15	58.5	62.3	53.3
6/5/2018 9:20	53.5	55.8	50.1
6/5/2018 9:25	55.0	57.3	50.5
6/5/2018 9:30	57.0	60.0	52.3
6/5/2018 9:35	55.6	58.7	52.0
6/5/2018 9:40	56.2	59.6	51.7
6/5/2018 9:45	59.7	62.4	51.9
6/5/2018 9:50	56.1	59.7	51.3
6/5/2018 9:55	56.1	58.7	50.6
6/5/2018 10:00	57.6	59.5	51.5
6/5/2018 10:05	55.4	58.2	51.4
6/5/2018 10:10	57.1	59.5	51.7
6/5/2018 10:15	57.4	57.2	51.2
6/5/2018 10:20	58.8	62.0	51.7
6/5/2018 10:25	57.1	60.5	51.9
6/5/2018 10:30	57.4	58.9	53.0
6/5/2018 10:35	58.6	61.1	53.1
6/5/2018 10:40	54.3	56.7	51.6
6/5/2018 10:45	57.5	61.5	52.1
6/5/2018 10:50	56.8	58.7	53.1
6/5/2018 10:55	66.1	66.5	53.4
6/5/2018 11:00	61.1	64.4	53.9
6/5/2018 11:05	62.2	63.5	53.7
6/5/2018 11:10	57.9	59.3	52.9
6/5/2018 11:15	58.4	60.9	52.7
6/5/2018 11:20	57.0	60.6	52.1
6/5/2018 11:25	59.3	60.7	52.3

Measured Noise Levels (dB(A)) at NMS-CA-1A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
6/5/2018 11:30	57.6	61.2	52.2
6/5/2018 11:35	55.9	58.0	52.8
6/5/2018 11:40	57.1	59.8	53.0
6/5/2018 11:45	60.5	62.6	52.7
6/5/2018 11:50	58.6	60.8	53.6
6/5/2018 11:55	59.4	61.5	53.5
6/5/2018 12:00	58.5	62.5	53.6
6/5/2018 12:05	56.0	58.2	53.1
6/5/2018 12:10	56.4	59.5	52.9
6/5/2018 12:15	56.4	58.2	52.9
6/5/2018 12:20	59.1	62.2	54.6
6/5/2018 12:25	57.7	59.5	53.3
6/5/2018 12:30	58.3	62.1	52.0
6/5/2018 12:35	63.7	65.8	53.2
6/5/2018 12:40	55.4	57.5	52.1
6/5/2018 12:45	59.5	63.0	52.6
6/5/2018 12:50	55.9	58.8	52.1
6/5/2018 12:55	56.6	59.3	52.4
6/5/2018 13:00	57.7	59.9	53.1
6/5/2018 13:05	58.5	61.2	53.4
6/5/2018 13:10	57.1	60.7	52.6
6/5/2018 13:15	56.9	59.0	53.0
6/5/2018 13:20	59.9	64.0	53.1
6/5/2018 13:25	58.7	62.0	54.1
6/5/2018 13:30	61.2	64.2	56.1
6/5/2018 13:35	59.8	62.3	55.2
6/5/2018 13:40	57.4	60.4	53.4
6/5/2018 13:45	58.7	61.3	53.6
6/5/2018 13:50	58.3	60.8	54.1
6/5/2018 13:55	57.2	59.4	54.1
6/5/2018 14:00	59.3	63.1	53.9
6/5/2018 14:05	58.4	61.7	54.4
6/5/2018 14:10	57.5	59.6	54.2
6/5/2018 14:15	60.2	63.7	54.5
6/5/2018 14:20	61.0	64.0	55.6
6/5/2018 14:25	63.1	63.9	54.1
6/5/2018 14:30	60.2	63.6	55.7
6/5/2018 14:35	62.1	64.2	56.1
6/5/2018 14:40	58.1	60.7	55.0
6/5/2018 14:45	57.7	60.5	53.7
6/5/2018 14:50	57.6	60.5	54.1
6/5/2018 14:55	58.1	60.9	54.2
6/5/2018 15:00	58.2	61.4	54.2
6/5/2018 15:05	57.1	59.4	53.3
6/5/2018 15:10	57.3	60.3	53.3
6/5/2018 15:15	62.7	66.2	52.5
6/5/2018 15:20	59.9	62.8	53.3
6/5/2018 15:25	55.9	58.3	52.7
6/5/2018 15:30	62.4	65.6	53.3
6/5/2018 15:35	58.9	61.9	54.6
6/5/2018 15:40	57.7	59.9	52.7
6/5/2018 15:45	56.7	58.8	53.6
6/5/2018 15:50	59.7	62.5	54.0
6/5/2018 15:55	57.0	58.9	53.8

Measured Noise Levels (dB(A)) at NMS-CA-1A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
6/5/2018 16:00	64.5	64.8	53.1
6/5/2018 16:05	58.3	61.4	53.7
6/5/2018 16:10	59.6	62.9	54.4
6/5/2018 16:15	56.7	58.6	54.2
6/5/2018 16:20	57.4	59.6	53.4
6/5/2018 16:25	57.5	60.4	53.8
6/5/2018 16:30	60.4	63.4	55.4
6/5/2018 16:35	58.9	61.2	54.8
6/5/2018 16:40	59.3	62.9	54.4
6/5/2018 16:45	56.6	58.3	54.2
6/5/2018 16:50	58.3	61.4	53.4
6/5/2018 16:55	57.3	59.6	53.6
6/5/2018 17:00	63.0	65.0	55.1
6/5/2018 17:05	56.8	59.0	53.3
6/5/2018 17:10	56.4	60.0	52.1
6/5/2018 17:15	57.7	60.2	53.3
6/5/2018 17:20	56.8	59.0	53.3
6/5/2018 17:25	56.4	59.0	52.8
6/5/2018 17:30	58.8	61.0	53.9
6/5/2018 17:35	58.1	60.1	53.3
6/5/2018 17:40	57.7	61.0	53.5
6/5/2018 17:45	58.5	60.4	53.0
6/5/2018 17:50	56.8	58.6	53.4
6/5/2018 17:55	58.0	61.5	53.5
6/5/2018 18:00	56.4	58.6	52.3
6/5/2018 18:05	56.2	59.1	51.9
6/5/2018 18:10	56.9	60.0	52.9
6/5/2018 18:15	57.7	59.8	52.7
6/5/2018 18:20	55.8	58.2	52.4
6/5/2018 18:25	53.8	56.5	50.1
6/5/2018 18:30	56.8	60.4	52.2
6/5/2018 18:35	58.7	61.9	52.7
6/5/2018 18:40	58.7	60.5	53.2
6/5/2018 18:45	57.2	59.7	51.6
6/5/2018 18:50	58.2	62.0	53.1
6/5/2018 18:55	54.1	56.6	51.5
6/5/2018 19:00	56.4	59.7	51.9
6/5/2018 19:05	57.4	59.4	52.5
6/5/2018 19:10	55.2	57.7	51.5
6/5/2018 19:15	57.4	60.5	52.8
6/5/2018 19:20	56.0	58.9	51.9
6/5/2018 19:25	55.3	57.7	51.7
6/5/2018 19:30	57.1	60.0	52.7
6/5/2018 19:35	59.9	64.0	52.8
6/5/2018 19:40	54.1	56.3	51.3
6/5/2018 19:45	56.1	59.7	51.9
6/5/2018 19:50	58.0	60.5	51.7
6/5/2018 19:55	57.0	61.0	51.9
6/5/2018 20:00	57.8	61.1	53.5
6/5/2018 20:05	54.2	56.7	51.6
6/5/2018 20:10	55.7	58.9	50.4
6/5/2018 20:15	56.0	58.5	51.7
6/5/2018 20:20	56.0	58.6	52.5
6/5/2018 20:25	54.5	56.3	52.1

Measured Noise Levels (dB(A)) at NMS-CA-1A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
6/5/2018 20:30	56.3	58.6	53.0
6/5/2018 20:35	57.9	60.3	52.5
6/5/2018 20:40	55.0	57.1	51.6
6/5/2018 20:45	57.1	59.6	52.0
6/5/2018 20:50	58.5	61.4	54.3
6/5/2018 20:55	56.6	59.9	53.4
6/5/2018 21:00	56.8	59.3	53.9
6/5/2018 21:05	57.4	59.3	54.6
6/5/2018 21:10	54.7	55.8	52.1
6/5/2018 21:15	58.4	61.5	53.6
6/5/2018 21:20	56.0	58.5	52.2
6/5/2018 21:25	55.9	57.1	52.6
6/5/2018 21:30	58.8	62.2	53.6
6/5/2018 21:35	58.9	62.4	52.7
6/5/2018 21:40	53.6	55.1	51.9
6/5/2018 21:45	58.6	62.2	52.3
6/5/2018 21:50	56.5	59.0	52.4
6/5/2018 21:55	56.2	57.9	53.2
6/5/2018 22:00	58.7	61.5	54.0
6/5/2018 22:05	55.1	56.4	51.7
6/5/2018 22:10	57.7	60.7	52.8
6/5/2018 22:15	56.9	60.2	52.5
6/5/2018 22:20	55.3	57.1	52.4
6/5/2018 22:25	58.5	61.9	52.2
6/5/2018 22:30	57.0	59.6	52.7
6/5/2018 22:35	55.6	58.9	51.9
6/5/2018 22:40	55.7	57.7	52.7
6/5/2018 22:45	56.6	59.9	51.8
6/5/2018 22:50	54.1	57.0	50.8
6/5/2018 22:55	56.2	59.1	50.9

Measured Noise Levels (dB(A)) at NMS-CA-1A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
7/5/2018 19:01	55.6	58.5	51.6
7/5/2018 19:06	55.3	58.1	50.6
7/5/2018 19:11	57.9	61.7	52.4
7/5/2018 19:16	58.1	59.7	51.7
7/5/2018 19:21	56.6	59.2	50.6
7/5/2018 19:26	57.6	60.5	51.5
7/5/2018 19:31	58.4	62.1	52.2
7/5/2018 19:36	57.8	61.6	52.3
7/5/2018 19:41	57.0	60.2	52.5
7/5/2018 19:46	56.6	59.8	52.3
7/5/2018 19:51	57.8	61.2	52.8
7/5/2018 19:56	56.5	60.1	52.2
7/5/2018 20:01	55.8	58.8	51.5
7/5/2018 20:06	57.0	60.0	51.1
7/5/2018 20:11	55.4	58.0	50.1
7/5/2018 20:16	53.7	56.2	50.0
7/5/2018 20:21	57.7	60.8	51.5
7/5/2018 20:26	55.5	59.4	49.2
7/5/2018 20:31	57.6	60.9	52.8
7/5/2018 20:36	59.7	63.7	52.0
7/5/2018 20:41	56.0	58.5	51.4
7/5/2018 20:46	56.4	60.1	50.5
7/5/2018 20:51	56.0	59.2	50.1
7/5/2018 20:56	55.4	57.5	51.7
7/5/2018 21:01	59.4	63.5	53.5
7/5/2018 21:06	55.0	56.4	52.4
7/5/2018 21:11	58.6	61.6	52.9
7/5/2018 21:16	55.7	58.9	51.5
7/5/2018 21:21	53.3	54.7	50.6
7/5/2018 21:26	55.4	58.9	51.4
7/5/2018 21:31	59.9	63.8	53.1
7/5/2018 21:36	54.5	56.0	52.9
7/5/2018 21:41	55.1	57.3	52.5
7/5/2018 21:46	58.4	61.2	52.1
7/5/2018 21:51	54.5	56.0	51.2
7/5/2018 21:56	57.1	61.1	52.3
7/5/2018 22:01	58.2	62.1	51.9
7/5/2018 22:06	53.5	55.7	50.9
7/5/2018 22:11	55.1	58.2	50.4
7/5/2018 22:16	58.9	61.8	52.4
7/5/2018 22:21	52.7	54.3	50.9
7/5/2018 22:26	59.7	63.9	52.2
7/5/2018 22:31	53.7	56.0	51.0
7/5/2018 22:36	53.0	54.6	51.3
7/5/2018 22:41	55.1	58.9	50.3
7/5/2018 22:46	55.2	58.1	49.3
7/5/2018 22:51	50.8	53.5	47.1
7/5/2018 22:56	58.5	61.7	50.1

Measured Noise Levels (dB(A)) at NMS-CA-1A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
8/5/2018 19:01	61.0	65.5	52.8
8/5/2018 19:06	64.9	70.0	53.7
8/5/2018 19:11	65.1	69.7	52.4
8/5/2018 19:16	61.0	64.8	54.1
8/5/2018 19:21	62.4	67.2	53.0
8/5/2018 19:26	61.3	65.2	53.5
8/5/2018 19:31	65.2	69.4	53.4
8/5/2018 19:36	66.4	71.6	53.4
8/5/2018 19:41	63.0	67.1	54.6
8/5/2018 19:46	62.1	66.9	52.9
8/5/2018 19:51	61.1	64.6	52.5
8/5/2018 19:56	64.7	69.6	53.5
8/5/2018 20:01	65.4	69.6	57.7
8/5/2018 20:06	62.4	67.1	54.6
8/5/2018 20:11	62.0	65.7	55.0
8/5/2018 20:16	63.7	67.0	55.0
8/5/2018 20:21	62.1	67.0	53.7
8/5/2018 20:26	62.6	67.3	53.7
8/5/2018 20:31	64.0	68.1	55.9
8/5/2018 20:36	61.4	65.8	55.0
8/5/2018 20:41	64.6	70.3	54.5
8/5/2018 20:46	68.0	70.8	54.5
8/5/2018 20:51	61.2	65.1	52.8
8/5/2018 20:56	63.9	68.7	54.0
8/5/2018 21:01	65.7	68.2	53.9
8/5/2018 21:06	62.4	66.4	52.8
8/5/2018 21:11	60.7	65.1	53.3
8/5/2018 21:16	64.4	69.1	54.1
8/5/2018 21:21	61.1	65.0	52.2
8/5/2018 21:26	66.3	69.5	53.2
8/5/2018 21:31	62.2	66.0	54.9
8/5/2018 21:36	62.7	66.7	52.1
8/5/2018 21:41	63.5	68.6	52.9
8/5/2018 21:46	61.5	64.9	54.0
8/5/2018 21:51	65.3	70.7	51.8
8/5/2018 21:56	64.1	70.2	52.1
8/5/2018 22:01	59.5	63.8	53.1
8/5/2018 22:06	64.5	70.4	51.9
8/5/2018 22:11	61.7	66.0	53.4
8/5/2018 22:16	61.6	65.5	52.8
8/5/2018 22:21	51.8	52.9	50.7
8/5/2018 22:26	62.8	68.2	50.9
8/5/2018 22:31	56.0	58.4	52.5
8/5/2018 22:36	53.8	54.8	52.8
8/5/2018 22:41	63.6	67.9	55.1
8/5/2018 22:46	58.6	62.9	51.7
8/5/2018 22:51	59.2	62.5	51.4
8/5/2018 22:56	60.0	64.2	51.8

Measured Noise Levels (dB(A)) at NMS-CA-1A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
9/5/2018 19:01	64.8	68.5	57.6
9/5/2018 19:06	64.8	69.4	56.4
9/5/2018 19:11	65.0	68.7	56.5
9/5/2018 19:16	65.0	68.8	56.8
9/5/2018 19:21	66.7	70.2	57.3
9/5/2018 19:26	67.3	71.4	57.7
9/5/2018 19:31	69.4	72.4	56.5
9/5/2018 19:36	69.6	72.0	56.5
9/5/2018 19:41	63.6	66.6	56.9
9/5/2018 19:46	66.0	70.1	55.7
9/5/2018 19:51	70.8	74.8	60.0
9/5/2018 19:56	64.2	67.4	56.8
9/5/2018 20:01	69.4	72.5	57.4
9/5/2018 20:06	70.2	73.5	59.1
9/5/2018 20:11	71.1	74.8	60.2
9/5/2018 20:16	66.4	70.1	57.2
9/5/2018 20:21	71.4	74.6	62.3
9/5/2018 20:26	67.6	70.6	60.4
9/5/2018 20:31	68.5	71.9	58.9
9/5/2018 20:36	70.4	73.8	60.5
9/5/2018 20:41	66.5	69.7	57.5
9/5/2018 20:46	67.4	70.2	57.4
9/5/2018 20:51	69.5	73.3	59.3
9/5/2018 20:56	70.9	74.3	59.4
9/5/2018 21:01	70.3	73.6	62.0
9/5/2018 21:06	69.9	73.7	59.8
9/5/2018 21:11	69.1	72.3	59.6
9/5/2018 21:16	72.4	76.4	62.0
9/5/2018 21:21	68.7	72.1	59.8
9/5/2018 21:26	67.3	71.0	57.8
9/5/2018 21:31	68.9	72.5	58.7
9/5/2018 21:36	66.2	69.6	56.9
9/5/2018 21:41	64.5	68.1	57.7
9/5/2018 21:46	60.7	64.3	54.1
9/5/2018 21:51	64.1	68.3	55.2
9/5/2018 21:56	66.7	70.4	55.9
9/5/2018 22:01	65.1	68.3	57.1
9/5/2018 22:06	64.1	67.2	56.4
9/5/2018 22:11	65.8	70.0	56.8
9/5/2018 22:16	69.6	72.6	58.8
9/5/2018 22:21	68.7	72.1	58.3
9/5/2018 22:26	69.3	72.9	59.2
9/5/2018 22:31	67.4	70.7	58.4
9/5/2018 22:36	67.6	70.1	57.0
9/5/2018 22:41	68.4	71.5	59.9
9/5/2018 22:46	66.2	70.0	57.4
9/5/2018 22:51	67.4	71.7	56.6
9/5/2018 22:56	66.0	69.3	57.6

Measured Noise Levels (dB(A)) at NMS-CA-1A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
10/5/2018 19:03	63.9	67.8	55.8
10/5/2018 19:08	69.3	71.2	55.4
10/5/2018 19:13	62.7	67.1	55.6
10/5/2018 19:18	64.2	68.2	57.7
10/5/2018 19:23	65.0	68.8	56.6
10/5/2018 19:28	68.8	73.3	57.3
10/5/2018 19:33	66.7	70.2	55.2
10/5/2018 19:38	64.9	68.8	55.7
10/5/2018 19:43	64.9	68.2	55.5
10/5/2018 19:48	68.6	71.4	55.4
10/5/2018 19:53	66.4	70.2	57.3
10/5/2018 19:58	65.5	69.3	56.5
10/5/2018 20:03	63.0	66.8	55.1
10/5/2018 20:08	65.6	69.4	56.6
10/5/2018 20:13	62.3	65.5	54.4
10/5/2018 20:18	63.9	67.8	54.7
10/5/2018 20:23	62.0	64.7	54.9
10/5/2018 20:28	65.2	69.3	55.7
10/5/2018 20:33	66.8	70.2	56.8
10/5/2018 20:38	64.5	67.7	56.7
10/5/2018 20:43	66.6	70.4	58.2
10/5/2018 20:48	65.0	68.6	55.3
10/5/2018 20:53	64.0	67.3	54.9
10/5/2018 20:58	64.2	68.0	55.9
10/5/2018 21:03	63.7	67.4	55.4
10/5/2018 21:08	65.1	68.5	57.7
10/5/2018 21:13	67.2	70.7	58.6
10/5/2018 21:18	67.8	71.5	57.9
10/5/2018 21:23	66.2	69.8	56.6
10/5/2018 21:28	68.7	71.6	57.6
10/5/2018 21:33	67.2	70.5	58.8
10/5/2018 21:38	68.4	72.6	56.5
10/5/2018 21:43	66.3	69.1	57.1
10/5/2018 21:48	68.2	72.1	55.7
10/5/2018 21:53	66.4	69.8	58.7
10/5/2018 21:58	64.7	68.7	57.4
10/5/2018 22:03	64.1	67.8	55.3
10/5/2018 22:08	65.3	68.8	54.4
10/5/2018 22:13	65.4	69.2	56.0
10/5/2018 22:18	65.2	69.1	55.8
10/5/2018 22:23	62.6	66.1	54.4
10/5/2018 22:28	62.5	66.3	55.8
10/5/2018 22:33	63.4	67.1	53.1
10/5/2018 22:38	64.4	68.2	55.4
10/5/2018 22:43	63.6	67.2	54.6
10/5/2018 22:48	59.4	62.7	53.6
10/5/2018 22:53	61.8	65.1	54.2
10/5/2018 22:58	63.0	67.3	52.9

Measured Noise Levels (dB(A)) at NMS-CA-1A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
11/5/2018 19:03	62.8	65.5	55.9
11/5/2018 19:08	65.5	68.4	55.5
11/5/2018 19:13	62.8	65.9	56.2
11/5/2018 19:18	60.5	64.8	52.5
11/5/2018 19:23	61.7	65.7	54.0
11/5/2018 19:28	64.0	68.3	53.9
11/5/2018 19:33	62.6	67.0	55.4
11/5/2018 19:38	61.2	65.3	53.5
11/5/2018 19:43	59.5	63.3	53.0
11/5/2018 19:48	69.7	73.9	55.3
11/5/2018 19:53	66.7	71.2	54.5
11/5/2018 19:58	64.3	69.0	54.9
11/5/2018 20:03	63.1	66.4	53.3
11/5/2018 20:08	62.7	66.8	53.7
11/5/2018 20:13	63.9	67.6	55.1
11/5/2018 20:18	65.4	69.0	54.8
11/5/2018 20:23	63.4	65.8	54.8
11/5/2018 20:28	64.2	67.5	54.3
11/5/2018 20:33	65.3	70.1	54.8
11/5/2018 20:38	63.8	66.9	55.3
11/5/2018 20:43	67.6	72.0	54.5
11/5/2018 20:48	67.4	71.1	55.0
11/5/2018 20:53	63.1	66.8	53.4
11/5/2018 20:58	68.1	70.8	56.9
11/5/2018 21:03	66.1	70.8	56.1
11/5/2018 21:08	63.1	66.7	54.5
11/5/2018 21:13	65.6	70.1	55.2
11/5/2018 21:18	62.8	66.1	54.9
11/5/2018 21:23	61.9	65.2	53.3
11/5/2018 21:28	63.3	66.8	56.0
11/5/2018 21:33	62.9	66.4	54.6
11/5/2018 21:38	63.9	68.0	53.7
11/5/2018 21:43	63.7	67.2	56.7
11/5/2018 21:48	65.3	69.1	54.4
11/5/2018 21:53	65.5	70.1	55.8
11/5/2018 21:58	66.1	69.9	55.8
11/5/2018 22:03	61.4	65.8	53.0
11/5/2018 22:08	63.1	66.8	53.4
11/5/2018 22:13	68.7	71.1	53.0
11/5/2018 22:18	64.5	68.4	51.9
11/5/2018 22:23	62.3	66.5	54.7
11/5/2018 22:28	62.8	67.1	53.1
11/5/2018 22:33	64.6	67.4	54.1
11/5/2018 22:38	61.0	65.0	53.5
11/5/2018 22:43	64.2	67.5	56.4
11/5/2018 22:48	64.8	67.4	53.5
11/5/2018 22:53	66.8	70.5	53.3
11/5/2018 22:58	62.0	66.0	53.1

Measured Noise Levels (dB(A)) at NMS-CA-1A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
12/5/2018 19:03	64.2	68.7	55.3
12/5/2018 19:08	59.6	63.3	50.8
12/5/2018 19:13	63.1	67.9	50.6
12/5/2018 19:18	60.8	64.8	52.6
12/5/2018 19:23	61.1	65.6	52.0
12/5/2018 19:28	62.1	65.9	54.1
12/5/2018 19:33	62.4	66.6	52.5
12/5/2018 19:38	62.3	67.1	52.4
12/5/2018 19:43	60.4	64.9	52.6
12/5/2018 19:48	64.3	67.9	52.9
12/5/2018 19:53	61.2	64.9	52.7
12/5/2018 19:58	58.1	62.0	52.9
12/5/2018 20:03	62.0	66.5	54.0
12/5/2018 20:08	61.2	64.4	52.9
12/5/2018 20:13	61.5	65.4	52.8
12/5/2018 20:18	58.3	62.3	52.0
12/5/2018 20:23	62.6	66.7	51.8
12/5/2018 20:28	65.5	70.3	54.2
12/5/2018 20:33	60.6	64.8	52.3
12/5/2018 20:38	62.7	67.4	51.6
12/5/2018 20:43	66.5	69.9	53.4
12/5/2018 20:48	66.1	68.8	54.1
12/5/2018 20:53	62.2	66.7	51.8
12/5/2018 20:58	64.5	69.2	52.2
12/5/2018 21:03	59.7	63.7	52.0
12/5/2018 21:08	59.5	61.7	51.5
12/5/2018 21:13	64.2	68.6	52.5
12/5/2018 21:18	61.8	65.9	52.4
12/5/2018 21:23	58.6	62.7	51.2
12/5/2018 21:28	62.9	67.4	51.3
12/5/2018 21:33	64.0	68.9	51.6
12/5/2018 21:38	61.3	66.0	50.5
12/5/2018 21:43	62.9	66.8	52.3
12/5/2018 21:48	62.2	66.7	53.1
12/5/2018 21:53	62.6	66.8	50.7
12/5/2018 21:58	62.3	66.0	51.8
12/5/2018 22:03	65.4	68.8	51.5
12/5/2018 22:08	62.2	66.3	52.0
12/5/2018 22:13	63.3	67.3	53.6
12/5/2018 22:18	61.3	65.0	51.9
12/5/2018 22:23	58.6	61.9	50.6
12/5/2018 22:28	57.5	61.1	51.3
12/5/2018 22:33	57.4	61.1	50.8
12/5/2018 22:38	59.2	62.9	50.8
12/5/2018 22:43	61.5	65.8	52.5
12/5/2018 22:48	59.2	62.7	51.1
12/5/2018 22:53	66.3	71.0	50.4
12/5/2018 22:58	53.5	56.5	49.8

Measured Noise Levels (dB(A)) at NMS-CA-1A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
13/5/2018 7:03	54.3	56.7	48.7
13/5/2018 7:08	57.5	61.6	50.2
13/5/2018 7:13	53.6	56.2	50.4
13/5/2018 7:18	58.8	61.6	47.9
13/5/2018 7:23	53.6	56.8	48.7
13/5/2018 7:28	58.0	59.8	48.5
13/5/2018 7:33	64.7	69.6	52.5
13/5/2018 7:38	61.9	66.6	50.0
13/5/2018 7:43	66.8	68.2	49.9
13/5/2018 7:48	61.6	65.6	53.3
13/5/2018 7:53	57.5	60.9	50.5
13/5/2018 7:58	61.3	64.5	49.1
13/5/2018 8:03	64.6	69.8	50.9
13/5/2018 8:08	61.8	65.7	51.8
13/5/2018 8:13	58.9	62.3	51.1
13/5/2018 8:18	54.3	57.7	49.8
13/5/2018 8:23	53.0	55.2	50.0
13/5/2018 8:28	54.4	57.9	50.0
13/5/2018 8:33	57.4	60.8	50.8
13/5/2018 8:38	51.7	54.1	48.2
13/5/2018 8:43	54.7	57.3	49.1
13/5/2018 8:48	57.5	59.1	51.2
13/5/2018 8:53	56.3	59.4	52.5
13/5/2018 8:58	55.5	58.2	50.4
13/5/2018 9:03	66.0	67.8	50.5
13/5/2018 9:08	54.3	58.2	49.0
13/5/2018 9:13	57.5	61.8	50.7
13/5/2018 9:18	55.5	58.1	51.1
13/5/2018 9:23	54.4	57.3	51.1
13/5/2018 9:28	57.8	60.2	51.7
13/5/2018 9:33	53.4	55.3	50.5
13/5/2018 9:38	54.9	57.4	51.4
13/5/2018 9:43	57.4	60.1	52.4
13/5/2018 9:48	57.7	61.5	51.4
13/5/2018 9:53	57.2	60.5	50.9
13/5/2018 9:58	58.0	61.5	52.6
13/5/2018 10:03	54.0	56.4	51.5
13/5/2018 10:08	56.2	58.7	51.7
13/5/2018 10:13	59.0	61.1	52.2
13/5/2018 10:18	56.3	58.8	52.1
13/5/2018 10:23	57.7	61.1	52.6
13/5/2018 10:28	56.2	58.4	51.2
13/5/2018 10:33	58.9	62.1	52.3
13/5/2018 10:38	55.7	57.5	52.2
13/5/2018 10:43	64.4	63.6	53.2
13/5/2018 10:48	56.6	60.0	51.3
13/5/2018 10:53	54.4	57.0	50.5
13/5/2018 10:58	55.5	58.0	50.1
13/5/2018 11:03	57.4	60.5	52.0
13/5/2018 11:08	55.2	58.6	51.5
13/5/2018 11:13	57.3	60.2	52.7
13/5/2018 11:18	57.9	61.6	51.8
13/5/2018 11:24	57.3	60.4	51.1
13/5/2018 11:29	55.0	58.5	51.3

Measured Noise Levels (dB(A)) at NMS-CA-1A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
13/5/2018 11:34	57.0	60.2	52.3
13/5/2018 11:39	57.5	60.9	51.4
13/5/2018 11:44	61.1	64.2	52.0
13/5/2018 11:49	65.0	63.2	51.0
13/5/2018 11:54	55.1	57.1	50.9
13/5/2018 11:59	57.4	60.9	51.5
13/5/2018 12:04	54.5	57.4	51.0
13/5/2018 12:09	54.7	58.2	50.2
13/5/2018 12:14	57.4	60.4	51.7
13/5/2018 12:19	56.8	60.3	51.0
13/5/2018 12:24	55.2	57.9	50.5
13/5/2018 12:29	58.0	62.0	50.6
13/5/2018 12:34	55.2	58.4	50.1
13/5/2018 12:39	65.0	62.9	50.1
13/5/2018 12:44	58.2	60.4	52.2
13/5/2018 12:49	54.7	58.3	50.4
13/5/2018 12:54	53.0	55.1	50.0
13/5/2018 12:59	57.2	61.3	51.7
13/5/2018 13:04	53.6	56.0	49.4
13/5/2018 13:09	55.3	59.1	50.4
13/5/2018 13:14	55.7	58.1	50.1
13/5/2018 13:19	54.7	57.1	50.1
13/5/2018 13:24	56.6	58.4	50.4
13/5/2018 13:29	59.3	61.5	52.3
13/5/2018 13:34	57.6	60.9	52.3
13/5/2018 13:39	67.9	67.9	52.1
13/5/2018 13:44	57.6	59.9	53.2
13/5/2018 13:49	58.4	61.6	53.5
13/5/2018 13:54	58.1	61.4	53.4
13/5/2018 13:59	58.0	61.2	53.9
13/5/2018 14:04	63.1	65.6	52.7
13/5/2018 14:09	57.0	60.7	52.1
13/5/2018 14:14	56.5	59.5	51.4
13/5/2018 14:19	58.0	59.8	52.2
13/5/2018 14:24	59.5	63.2	51.8
13/5/2018 14:29	65.3	64.1	52.0
13/5/2018 14:34	62.9	63.2	52.2
13/5/2018 14:39	63.0	61.9	52.2
13/5/2018 14:44	56.7	60.4	51.0
13/5/2018 14:49	65.9	64.8	50.6
13/5/2018 14:54	60.2	63.6	53.6
13/5/2018 14:59	58.8	62.4	53.2
13/5/2018 15:04	55.2	57.1	51.7
13/5/2018 15:09	57.0	60.3	52.4
13/5/2018 15:14	57.7	61.3	52.8
13/5/2018 15:19	56.3	58.8	51.0
13/5/2018 15:24	55.7	60.0	50.3
13/5/2018 15:29	66.7	66.6	51.6
13/5/2018 15:34	55.2	58.5	49.8
13/5/2018 15:39	58.3	62.6	51.0
13/5/2018 15:44	61.2	66.0	51.7
13/5/2018 15:49	61.3	65.6	51.5

Measured Noise Levels (dB(A)) at NMS-CA-1A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
13/5/2018 15:54	60.5	64.1	53.1
13/5/2018 15:59	64.4	69.5	50.9
13/5/2018 16:04	62.5	66.3	52.8
13/5/2018 16:09	63.2	67.4	53.9
13/5/2018 16:14	68.8	71.6	53.0
13/5/2018 16:19	62.9	67.0	52.8
13/5/2018 16:24	60.9	64.6	52.1
13/5/2018 16:29	63.0	68.4	52.2
13/5/2018 16:34	60.8	64.7	52.7
13/5/2018 16:39	62.1	65.9	52.9
13/5/2018 16:44	61.5	66.5	50.7
13/5/2018 16:49	64.9	70.1	52.8
13/5/2018 16:54	60.9	65.0	51.3
13/5/2018 16:59	63.0	67.2	52.3
13/5/2018 17:04	63.0	67.7	51.0
13/5/2018 17:09	62.5	65.1	54.1
13/5/2018 17:14	61.3	65.4	54.2
13/5/2018 17:19	62.1	66.2	53.4
13/5/2018 17:24	63.0	66.3	51.3
13/5/2018 17:29	63.6	67.3	54.1
13/5/2018 17:34	62.6	66.3	53.2
13/5/2018 17:39	65.6	68.4	52.7
13/5/2018 17:44	60.4	64.4	52.4
13/5/2018 17:49	64.3	68.8	54.5
13/5/2018 17:54	62.5	66.6	52.2
13/5/2018 17:59	63.2	66.9	51.7
13/5/2018 18:04	64.4	69.2	51.8
13/5/2018 18:09	65.1	69.3	53.7
13/5/2018 18:14	62.9	67.4	52.2
13/5/2018 18:19	61.3	64.5	51.5
13/5/2018 18:24	60.0	64.0	52.0
13/5/2018 18:29	63.0	66.6	54.4
13/5/2018 18:34	60.8	64.8	50.5
13/5/2018 18:39	64.8	69.0	52.1
13/5/2018 18:44	61.9	65.6	52.6
13/5/2018 18:49	60.1	64.4	52.0
13/5/2018 18:54	62.5	66.8	52.4
13/5/2018 18:59	63.4	67.6	52.6
13/5/2018 19:04	62.4	67.7	51.4
13/5/2018 19:09	65.3	69.3	53.0
13/5/2018 19:14	65.4	70.2	53.7
13/5/2018 19:19	58.8	62.7	51.5
13/5/2018 19:24	61.3	65.0	49.8
13/5/2018 19:29	61.8	65.5	50.2
13/5/2018 19:34	62.2	66.5	50.8
13/5/2018 19:39	61.8	66.3	49.7
13/5/2018 19:44	60.8	64.0	49.0
13/5/2018 19:49	60.6	65.0	51.1
13/5/2018 19:54	61.6	62.5	50.1
13/5/2018 19:59	61.9	66.2	50.3
13/5/2018 20:04	59.9	63.8	50.7
13/5/2018 20:09	59.7	63.7	51.4
13/5/2018 20:14	62.8	66.6	53.5
13/5/2018 20:19	59.9	63.8	50.1

Measured Noise Levels (dB(A)) at NMS-CA-1A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
13/5/2018 20:24	62.3	66.7	50.1
13/5/2018 20:29	64.1	68.3	53.5
13/5/2018 20:34	62.0	66.7	50.2
13/5/2018 20:39	62.2	65.8	50.3
13/5/2018 20:44	67.7	71.9	54.0
13/5/2018 20:49	63.9	68.3	50.8
13/5/2018 20:54	59.9	64.2	48.7
13/5/2018 20:59	61.3	65.6	51.6
13/5/2018 21:04	66.4	67.8	49.7
13/5/2018 21:09	61.0	65.9	50.3
13/5/2018 21:14	63.5	67.6	52.7
13/5/2018 21:19	64.6	68.5	51.8
13/5/2018 21:24	60.4	65.2	48.5
13/5/2018 21:29	61.9	65.7	50.2
13/5/2018 21:34	62.8	67.1	50.5
13/5/2018 21:39	63.2	67.9	49.8
13/5/2018 21:44	63.3	68.3	50.8
13/5/2018 21:49	63.0	66.7	50.7
13/5/2018 21:54	59.3	63.9	50.2
13/5/2018 21:59	64.0	68.3	50.6
13/5/2018 22:04	61.9	66.0	50.1
13/5/2018 22:09	61.1	64.3	50.6
13/5/2018 22:14	59.6	63.0	51.1
13/5/2018 22:19	61.1	65.1	50.7
13/5/2018 22:24	53.8	55.7	50.8
13/5/2018 22:29	53.5	57.7	49.2
13/5/2018 22:34	55.0	58.9	48.1
13/5/2018 22:39	60.1	63.7	50.2
13/5/2018 22:44	60.7	65.0	50.0
13/5/2018 22:49	61.5	66.2	48.7
13/5/2018 22:54	58.8	62.3	49.8
13/5/2018 22:59	59.4	62.5	48.6



Measured Noise Levels (dB(A)) at NMS-CA-1A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
14/5/2018 19:04	54.4	56.0	51.5
14/5/2018 19:09	58.1	62.3	52.4
14/5/2018 19:14	58.6	61.6	52.8
14/5/2018 19:19	57.7	61.3	52.0
14/5/2018 19:24	66.5	63.9	52.1
14/5/2018 19:29	57.8	62.1	50.5
14/5/2018 19:34	58.7	61.9	52.2
14/5/2018 19:39	56.4	59.6	51.6
14/5/2018 19:44	56.5	59.5	51.5
14/5/2018 19:49	58.0	61.7	52.1
14/5/2018 19:54	54.9	57.0	50.4
14/5/2018 19:59	55.9	59.1	51.4
14/5/2018 20:04	55.2	58.8	50.7
14/5/2018 20:09	57.2	61.3	50.9
14/5/2018 20:14	57.7	60.7	51.5
14/5/2018 20:19	57.0	59.7	52.1
14/5/2018 20:24	53.3	55.5	49.8
14/5/2018 20:29	57.9	61.3	51.9
14/5/2018 20:34	57.6	59.8	50.3
14/5/2018 20:39	56.6	59.3	50.6
14/5/2018 20:44	57.8	60.6	52.1
14/5/2018 20:49	56.3	59.2	50.8
14/5/2018 20:54	58.1	60.7	51.4
14/5/2018 20:59	56.9	60.9	50.1
14/5/2018 21:04	67.8	68.4	51.1
14/5/2018 21:09	52.6	54.7	49.8
14/5/2018 21:14	59.0	63.2	52.2
14/5/2018 21:19	54.9	56.3	49.6
14/5/2018 21:24	53.6	55.0	49.7
14/5/2018 21:29	58.0	62.6	51.0
14/5/2018 21:34	52.8	55.6	49.4
14/5/2018 21:39	53.9	54.7	50.0
14/5/2018 21:44	59.4	63.2	52.7
14/5/2018 21:49	50.4	52.0	48.7
14/5/2018 21:54	54.7	55.1	49.0
14/5/2018 21:59	57.3	60.2	51.0
14/5/2018 22:04	55.4	59.1	48.8
14/5/2018 22:09	55.9	56.1	48.6
14/5/2018 22:14	59.3	64.3	49.2
14/5/2018 22:19	51.2	53.4	48.4
14/5/2018 22:24	56.8	59.8	48.5
14/5/2018 22:29	62.7	61.4	49.9
14/5/2018 22:34	50.5	52.3	48.6
14/5/2018 22:39	58.3	60.2	49.1
14/5/2018 22:44	55.4	59.3	50.5
14/5/2018 22:49	53.3	55.1	48.3
14/5/2018 22:54	57.1	60.2	48.8
14/5/2018 22:59	56.6	60.5	48.3

Measured Noise Levels (dB(A)) at NMS-CA-1A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
15/5/2018 19:04	57.3	60.7	52.0
15/5/2018 19:09	57.5	60.7	51.7
15/5/2018 19:14	56.4	58.6	51.5
15/5/2018 19:19	62.8	63.0	51.5
15/5/2018 19:24	57.5	61.0	51.8
15/5/2018 19:29	57.1	60.5	52.5
15/5/2018 19:34	58.1	60.2	52.7
15/5/2018 19:39	55.4	57.7	52.3
15/5/2018 19:44	55.6	58.4	51.8
15/5/2018 19:49	65.2	64.2	52.3
15/5/2018 19:54	55.2	58.9	51.2
15/5/2018 19:59	56.2	59.4	51.7
15/5/2018 20:04	54.6	58.1	51.0
15/5/2018 20:09	56.3	60.5	50.7
15/5/2018 20:14	56.0	59.2	51.9
15/5/2018 20:19	54.8	58.7	51.2
15/5/2018 20:24	59.0	61.9	51.5
15/5/2018 20:29	59.7	63.7	52.7
15/5/2018 20:34	55.1	57.6	51.5
15/5/2018 20:39	55.7	58.4	50.9
15/5/2018 20:44	63.7	64.8	51.5
15/5/2018 20:49	55.1	58.6	50.4
15/5/2018 20:54	52.6	53.9	50.0
15/5/2018 20:59	57.1	61.2	50.7
15/5/2018 21:04	52.5	54.2	49.4
15/5/2018 21:09	63.0	62.6	49.5
15/5/2018 21:14	59.2	61.6	53.6
15/5/2018 21:19	53.9	56.6	50.0
15/5/2018 21:24	52.6	53.6	49.5
15/5/2018 21:29	60.5	64.4	52.4
15/5/2018 21:34	55.8	59.1	50.9
15/5/2018 21:39	64.1	62.9	50.9
15/5/2018 21:44	58.7	63.0	51.9
15/5/2018 21:49	63.1	64.8	50.8
15/5/2018 21:54	55.1	57.9	51.1
15/5/2018 21:59	55.5	58.9	50.5
15/5/2018 22:04	55.1	58.9	50.5
15/5/2018 22:09	60.3	64.2	51.9
15/5/2018 22:14	63.7	68.5	51.7
15/5/2018 22:19	65.4	67.9	49.9
15/5/2018 22:24	61.5	65.6	49.6
15/5/2018 22:29	61.5	65.8	51.8
15/5/2018 22:34	58.5	62.1	51.4
15/5/2018 22:39	65.8	68.4	50.4
15/5/2018 22:44	61.2	65.7	51.0
15/5/2018 22:49	57.9	61.9	49.5
15/5/2018 22:54	57.9	59.0	49.6
15/5/2018 22:59	60.0	64.5	50.2

Measured Noise Levels (dB(A)) at NMS-CA-1A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
16/5/2018 19:01	55.6	58.9	51.3
16/5/2018 19:06	59.7	62.0	53.3
16/5/2018 19:11	61.0	62.7	59.4
16/5/2018 19:16	61.8	64.0	59.7
16/5/2018 19:21	57.4	60.7	51.5
16/5/2018 19:26	57.0	60.2	51.1
16/5/2018 19:31	67.1	66.2	51.2
16/5/2018 19:36	55.0	57.2	51.5
16/5/2018 19:41	57.7	60.5	52.7
16/5/2018 19:46	57.4	60.7	52.2
16/5/2018 19:51	57.0	59.9	51.7
16/5/2018 19:56	56.9	59.8	52.2
16/5/2018 20:01	57.6	61.6	51.6
16/5/2018 20:06	57.1	60.0	52.8
16/5/2018 20:11	57.5	60.3	51.3
16/5/2018 20:16	56.9	60.6	51.7
16/5/2018 20:21	53.3	55.0	50.4
16/5/2018 20:26	58.6	62.5	52.6
16/5/2018 20:31	57.6	61.5	52.6
16/5/2018 20:36	56.5	59.0	51.7
16/5/2018 20:41	55.7	58.9	51.5
16/5/2018 20:46	56.7	59.7	52.0
16/5/2018 20:51	61.5	59.6	51.1
16/5/2018 20:56	59.7	60.3	51.3
16/5/2018 21:01	58.8	62.3	51.9
16/5/2018 21:06	53.5	55.7	50.5
16/5/2018 21:11	56.7	60.3	50.2
16/5/2018 21:16	64.3	64.7	52.1
16/5/2018 21:21	51.9	54.7	48.8
16/5/2018 21:26	55.4	59.0	49.7
16/5/2018 21:31	57.6	61.6	51.6
16/5/2018 21:36	58.4	55.5	49.7
16/5/2018 21:41	56.7	60.2	50.6
16/5/2018 21:46	58.9	59.5	51.0
16/5/2018 21:51	54.5	55.9	49.7
16/5/2018 21:56	59.9	63.9	49.4
16/5/2018 22:01	65.3	69.5	51.5
16/5/2018 22:06	62.2	67.1	51.3
16/5/2018 22:11	64.0	68.5	52.2
16/5/2018 22:16	64.9	68.6	53.4
16/5/2018 22:21	60.8	64.6	48.4
16/5/2018 22:26	58.3	62.0	50.5
16/5/2018 22:31	67.5	68.1	50.1
16/5/2018 22:36	59.7	63.6	50.5
16/5/2018 22:41	62.1	65.6	52.1
16/5/2018 22:46	58.9	63.4	49.0
16/5/2018 22:51	59.6	64.3	49.0
16/5/2018 22:56	56.8	60.4	49.6

Measured Noise Levels (dB(A)) at NMS-CA-1A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
17/5/2018 19:01	54.4	56.5	52.0
17/5/2018 19:06	56.9	60.5	52.8
17/5/2018 19:11	56.6	59.4	53.2
17/5/2018 19:16	58.9	62.4	52.4
17/5/2018 19:21	56.4	58.9	51.6
17/5/2018 19:26	57.5	60.5	52.6
17/5/2018 19:31	56.9	60.3	52.3
17/5/2018 19:36	56.5	58.5	51.9
17/5/2018 19:41	66.7	67.5	52.1
17/5/2018 19:46	57.0	60.2	52.2
17/5/2018 19:51	56.9	59.3	52.2
17/5/2018 19:56	56.7	58.2	51.5
17/5/2018 20:01	57.4	61.0	52.2
17/5/2018 20:06	56.8	58.0	51.4
17/5/2018 20:11	58.2	62.1	51.9
17/5/2018 20:16	55.8	58.3	51.2
17/5/2018 20:21	56.7	60.1	52.3
17/5/2018 20:26	56.4	59.0	52.1
17/5/2018 20:31	58.2	61.4	53.8
17/5/2018 20:36	56.5	59.1	52.1
17/5/2018 20:41	56.0	58.6	51.8
17/5/2018 20:46	57.9	61.7	52.7
17/5/2018 20:51	56.4	59.4	50.6
17/5/2018 20:56	53.4	55.4	51.3
17/5/2018 21:01	58.5	61.4	52.1
17/5/2018 21:06	53.4	56.0	50.4
17/5/2018 21:11	55.6	58.0	50.8
17/5/2018 21:16	56.3	59.8	50.4
17/5/2018 21:21	53.2	56.5	50.2
17/5/2018 21:26	56.5	58.9	51.0
17/5/2018 21:31	56.9	60.3	51.9
17/5/2018 21:36	54.0	57.0	51.1
17/5/2018 21:41	56.6	60.2	51.6
17/5/2018 21:46	57.8	60.6	51.7
17/5/2018 21:51	57.8	57.4	50.6
17/5/2018 21:56	56.8	60.8	49.7
17/5/2018 22:01	55.4	59.0	50.6
17/5/2018 22:06	55.7	58.3	50.7
17/5/2018 22:11	57.0	60.8	51.0
17/5/2018 22:16	55.9	59.9	50.0
17/5/2018 22:21	52.2	53.4	50.1
17/5/2018 22:26	56.5	59.7	50.5
17/5/2018 22:31	57.6	60.8	50.5
17/5/2018 22:36	52.7	54.8	50.6
17/5/2018 22:41	57.2	60.6	50.8
17/5/2018 22:46	55.5	59.6	50.0
17/5/2018 22:51	51.6	54.2	49.1
17/5/2018 22:56	54.6	58.1	50.0

Average 62.3  
 Min 50.4  
 Max 72.4

Measured Noise Levels (dB(A)) at NMS-CA-1A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
4/5/2018 23:00	65.9	69.0	57.6
4/5/2018 23:05	65.3	68.9	57.7
4/5/2018 23:10	63.6	66.5	57.6
4/5/2018 23:15	63.2	66.8	56.3
4/5/2018 23:20	62.9	64.4	55.2
4/5/2018 23:25	59.8	63.1	54.4
4/5/2018 23:30	62.7	67.0	55.2
4/5/2018 23:35	63.4	67.7	55.5
4/5/2018 23:40	61.4	64.5	53.8
4/5/2018 23:45	60.8	63.9	52.4
4/5/2018 23:50	59.9	62.7	53.6
4/5/2018 23:55	61.2	64.7	54.5
5/5/2018 0:00	62.3	66.0	53.6
5/5/2018 0:05	65.7	69.2	52.4
5/5/2018 0:10	63.3	67.4	53.8
5/5/2018 0:15	62.4	65.8	53.0
5/5/2018 0:20	67.3	70.9	53.7
5/5/2018 0:25	67.0	72.3	53.4
5/5/2018 0:30	61.9	65.3	52.8
5/5/2018 0:35	61.9	66.8	49.6
5/5/2018 0:40	65.8	70.1	52.0
5/5/2018 0:45	58.7	62.0	50.4
5/5/2018 0:50	58.4	62.6	49.7
5/5/2018 0:55	62.3	66.9	51.3
5/5/2018 1:00	56.4	60.9	49.3
5/5/2018 1:05	54.0	57.4	48.9
5/5/2018 1:10	62.1	66.4	50.1
5/5/2018 1:15	61.5	65.7	50.6
5/5/2018 1:20	60.5	64.9	50.7
5/5/2018 1:25	62.1	65.8	52.0
5/5/2018 1:30	59.2	62.8	52.8
5/5/2018 1:35	62.7	66.5	54.4
5/5/2018 1:40	61.2	64.6	52.2
5/5/2018 1:45	59.2	62.6	53.1
5/5/2018 1:50	63.2	66.8	54.8
5/5/2018 1:55	61.0	64.7	52.3
5/5/2018 2:00	63.5	67.8	53.9
5/5/2018 2:05	64.1	67.1	54.9
5/5/2018 2:10	65.7	69.6	56.3
5/5/2018 2:15	60.8	64.3	52.0
5/5/2018 2:20	62.4	65.9	53.7
5/5/2018 2:25	59.5	62.6	53.5
5/5/2018 2:30	56.6	59.1	52.3
5/5/2018 2:35	65.3	68.5	53.6
5/5/2018 2:40	59.3	62.5	54.4
5/5/2018 2:45	60.1	63.5	53.8
5/5/2018 2:50	61.9	65.2	54.7
5/5/2018 2:55	59.0	61.5	53.9
5/5/2018 3:00	59.5	62.8	53.5
5/5/2018 3:05	61.2	64.9	54.5
5/5/2018 3:10	65.9	69.6	57.6
5/5/2018 3:15	61.4	64.6	55.6
5/5/2018 3:20	61.0	63.8	56.1
5/5/2018 3:25	61.3	64.4	55.2

Measured Noise Levels (dB(A)) at NMS-CA-1A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
5/5/2018 3:30	61.0	63.8	55.9
5/5/2018 3:35	58.2	60.6	54.2
5/5/2018 3:40	58.6	61.9	53.6
5/5/2018 3:45	63.4	67.7	54.4
5/5/2018 3:50	62.3	65.4	55.8
5/5/2018 3:55	59.5	62.1	55.7
5/5/2018 4:00	61.5	63.4	55.1
5/5/2018 4:05	64.9	68.6	56.3
5/5/2018 4:10	66.8	69.2	57.0
5/5/2018 4:15	62.3	63.3	56.0
5/5/2018 4:20	61.7	64.5	55.7
5/5/2018 4:25	61.6	64.9	56.3
5/5/2018 4:30	63.3	67.2	55.0
5/5/2018 4:35	63.7	68.3	54.0
5/5/2018 4:40	59.5	62.5	52.4
5/5/2018 4:45	56.1	58.9	52.6
5/5/2018 4:50	52.9	54.6	50.7
5/5/2018 4:55	53.1	55.3	50.0
5/5/2018 5:00	52.6	55.1	49.6
5/5/2018 5:05	52.4	54.2	49.2
5/5/2018 5:10	51.1	52.9	49.0
5/5/2018 5:15	51.1	53.1	48.6
5/5/2018 5:20	53.4	55.7	50.3
5/5/2018 5:25	53.4	55.3	50.9
5/5/2018 5:30	53.6	55.6	50.2
5/5/2018 5:35	57.7	59.6	49.7
5/5/2018 5:40	53.7	54.7	49.3
5/5/2018 5:45	59.0	63.2	50.6
5/5/2018 5:50	54.2	55.5	50.2
5/5/2018 5:55	59.6	61.4	49.9
5/5/2018 6:00	57.1	60.6	50.5
5/5/2018 6:05	54.9	56.6	51.3
5/5/2018 6:10	57.1	61.2	51.7
5/5/2018 6:15	56.0	58.8	50.1
5/5/2018 6:20	55.3	59.1	49.4
5/5/2018 6:25	61.2	64.8	50.6
5/5/2018 6:30	59.2	62.9	49.5
5/5/2018 6:35	56.5	59.9	49.8
5/5/2018 6:40	59.2	62.5	50.6
5/5/2018 6:45	62.2	66.5	50.0
5/5/2018 6:50	57.0	58.9	49.7
5/5/2018 6:55	57.7	61.1	51.7

Measured Noise Levels (dB(A)) at NMS-CA-1A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
5/5/2018 23:00	59.1	61.9	50.3
5/5/2018 23:05	60.8	65.1	50.2
5/5/2018 23:10	62.6	64.1	50.4
5/5/2018 23:15	58.1	62.1	51.3
5/5/2018 23:20	60.4	62.4	49.6
5/5/2018 23:25	58.2	62.7	49.6
5/5/2018 23:30	59.8	64.4	50.2
5/5/2018 23:35	57.6	62.3	48.2
5/5/2018 23:40	62.9	66.5	49.3
5/5/2018 23:45	64.2	63.4	49.2
5/5/2018 23:50	63.9	67.5	50.2
5/5/2018 23:55	60.1	65.1	49.5
6/5/2018 0:00	56.9	61.2	49.0
6/5/2018 0:05	60.1	62.0	49.8
6/5/2018 0:10	62.1	66.5	50.1
6/5/2018 0:15	61.4	65.7	50.9
6/5/2018 0:20	60.9	65.3	48.7
6/5/2018 0:25	62.3	65.8	48.4
6/5/2018 0:30	62.2	66.0	49.3
6/5/2018 0:35	66.4	69.1	48.2
6/5/2018 0:40	59.4	62.9	47.8
6/5/2018 0:45	63.0	68.0	47.4
6/5/2018 0:50	59.1	63.5	47.2
6/5/2018 0:55	60.5	66.1	45.5
6/5/2018 1:00	58.5	62.5	48.1
6/5/2018 1:05	59.2	63.1	46.9
6/5/2018 1:10	62.6	67.0	47.6
6/5/2018 1:15	49.8	51.6	46.4
6/5/2018 1:20	59.5	64.6	46.8
6/5/2018 1:25	60.7	65.3	47.3
6/5/2018 1:30	62.2	66.7	47.9
6/5/2018 1:35	57.4	62.1	44.8
6/5/2018 1:40	62.5	67.3	45.0
6/5/2018 1:45	47.2	49.7	42.9
6/5/2018 1:50	62.0	66.7	43.9
6/5/2018 1:55	55.2	55.7	42.9
6/5/2018 2:00	51.1	52.2	44.5
6/5/2018 2:05	63.6	68.8	44.4
6/5/2018 2:10	57.2	61.3	44.0
6/5/2018 2:15	58.5	63.0	45.0
6/5/2018 2:20	53.5	54.1	45.3
6/5/2018 2:25	62.1	66.3	45.2
6/5/2018 2:30	46.7	49.0	43.2
6/5/2018 2:35	62.2	65.8	44.8
6/5/2018 2:40	50.8	53.9	43.3
6/5/2018 2:45	44.7	46.8	42.8
6/5/2018 2:50	45.4	47.7	42.8
6/5/2018 2:55	60.8	65.8	44.1
6/5/2018 3:00	51.7	50.4	44.6
6/5/2018 3:05	49.5	50.2	48.8
6/5/2018 3:10	56.3	58.8	47.7
6/5/2018 3:15	47.8	48.9	46.9
6/5/2018 3:20	56.3	57.8	43.5
6/5/2018 3:25	57.4	60.8	47.4

Measured Noise Levels (dB(A)) at NMS-CA-1A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
6/5/2018 3:30	47.8	48.9	44.0
6/5/2018 3:35	60.5	64.0	44.1
6/5/2018 3:40	47.8	52.2	43.5
6/5/2018 3:45	60.2	65.0	44.5
6/5/2018 3:50	47.8	51.5	44.0
6/5/2018 3:55	61.4	66.2	44.7
6/5/2018 4:00	59.0	58.8	43.6
6/5/2018 4:05	57.2	60.5	44.2
6/5/2018 4:10	62.1	67.1	46.0
6/5/2018 4:15	58.2	58.9	44.3
6/5/2018 4:20	58.7	63.1	44.4
6/5/2018 4:25	64.5	67.1	44.7
6/5/2018 4:30	59.8	64.2	43.6
6/5/2018 4:35	61.1	66.3	45.1
6/5/2018 4:40	58.3	62.4	46.0
6/5/2018 4:45	47.1	49.8	44.4
6/5/2018 4:50	59.1	59.3	44.9
6/5/2018 4:55	46.0	47.8	44.3
6/5/2018 5:00	54.4	58.5	44.7
6/5/2018 5:05	59.4	62.0	44.8
6/5/2018 5:10	61.1	65.5	45.3
6/5/2018 5:15	55.6	58.7	44.1
6/5/2018 5:20	45.0	46.8	43.5
6/5/2018 5:25	53.8	54.5	44.5
6/5/2018 5:30	46.9	48.5	44.1
6/5/2018 5:35	59.6	62.3	44.3
6/5/2018 5:40	52.4	54.9	45.8
6/5/2018 5:45	57.0	59.7	47.4
6/5/2018 5:50	51.2	52.6	46.5
6/5/2018 5:55	61.0	60.6	46.3
6/5/2018 6:00	54.2	58.0	47.7
6/5/2018 6:05	49.7	52.1	47.1
6/5/2018 6:10	65.4	62.0	47.6
6/5/2018 6:15	52.7	55.3	48.1
6/5/2018 6:20	54.0	54.7	48.1
6/5/2018 6:25	54.8	58.0	48.9
6/5/2018 6:30	74.6	78.4	50.4
6/5/2018 6:35	58.9	57.5	49.0
6/5/2018 6:40	64.6	67.5	49.7
6/5/2018 6:45	54.1	56.4	49.3
6/5/2018 6:50	56.7	59.0	49.1
6/5/2018 6:55	60.7	62.6	51.5

Measured Noise Levels (dB(A)) at NMS-CA-1A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
6/5/2018 23:00	57.4	60.0	50.5
6/5/2018 23:05	55.5	57.3	49.7
6/5/2018 23:10	57.4	61.3	51.5
6/5/2018 23:15	52.5	55.6	48.8
6/5/2018 23:20	54.6	55.6	49.9
6/5/2018 23:25	55.9	58.2	50.2
6/5/2018 23:30	53.1	55.2	49.6
6/5/2018 23:35	56.4	60.2	49.3
6/5/2018 23:40	57.3	61.6	50.9
6/5/2018 23:45	55.1	57.9	50.3
6/5/2018 23:50	53.9	56.7	48.3
6/5/2018 23:55	55.1	57.6	48.2
7/5/2018 0:00	59.7	62.0	49.8
7/5/2018 0:05	52.7	54.5	48.6
7/5/2018 0:10	52.9	55.8	48.7
7/5/2018 0:15	55.4	59.3	48.1
7/5/2018 0:20	53.7	57.4	48.7
7/5/2018 0:25	52.3	53.9	50.9
7/5/2018 0:30	56.1	59.0	52.7
7/5/2018 0:35	55.2	58.1	47.2
7/5/2018 0:40	55.0	58.7	48.6
7/5/2018 0:45	55.7	58.9	48.5
7/5/2018 0:50	52.7	56.8	47.0
7/5/2018 0:55	53.0	55.7	46.7
7/5/2018 1:00	50.0	52.3	47.1
7/5/2018 1:05	49.0	51.5	46.3
7/5/2018 1:10	48.4	50.1	46.5
7/5/2018 1:15	49.1	50.7	46.7
7/5/2018 1:20	51.6	54.4	46.7
7/5/2018 1:25	49.9	52.3	46.6
7/5/2018 1:30	49.1	51.4	46.6
7/5/2018 1:35	53.7	56.1	45.6
7/5/2018 1:40	48.9	51.0	46.4
7/5/2018 1:45	47.7	50.0	44.8
7/5/2018 1:50	49.0	51.3	44.8
7/5/2018 1:55	49.3	50.3	44.6
7/5/2018 2:00	47.1	49.1	44.9
7/5/2018 2:05	50.6	53.6	45.8
7/5/2018 2:10	54.2	54.3	43.9
7/5/2018 2:15	52.9	50.4	44.1
7/5/2018 2:20	46.9	48.8	43.8
7/5/2018 2:25	58.4	59.1	45.5
7/5/2018 2:30	62.9	64.6	46.1
7/5/2018 2:35	48.4	50.1	45.0
7/5/2018 2:40	49.5	51.7	44.5
7/5/2018 2:45	45.7	46.9	44.3
7/5/2018 2:50	44.9	45.7	44.0
7/5/2018 2:55	47.4	49.4	43.8
7/5/2018 3:00	46.6	48.4	44.2
7/5/2018 3:05	47.5	49.3	44.7
7/5/2018 3:10	51.6	53.2	45.9
7/5/2018 3:15	53.7	55.6	45.6
7/5/2018 3:20	58.2	57.4	45.1
7/5/2018 3:25	53.8	56.4	45.2

Measured Noise Levels (dB(A)) at NMS-CA-1A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
7/5/2018 3:30	46.3	47.7	43.5
7/5/2018 3:35	51.8	53.7	44.8
7/5/2018 3:40	52.0	54.7	44.6
7/5/2018 3:45	47.1	49.2	44.9
7/5/2018 3:50	48.4	51.1	44.1
7/5/2018 3:55	52.9	53.3	44.3
7/5/2018 4:00	46.1	48.4	43.9
7/5/2018 4:05	67.2	61.8	45.1
7/5/2018 4:10	51.8	54.4	45.3
7/5/2018 4:15	46.5	48.4	43.5
7/5/2018 4:20	48.7	50.5	43.5
7/5/2018 4:25	49.2	50.7	44.7
7/5/2018 4:30	47.0	49.2	43.8
7/5/2018 4:35	53.5	53.6	46.1
7/5/2018 4:40	48.2	50.1	45.0
7/5/2018 4:45	63.8	62.9	45.0
7/5/2018 4:50	50.2	50.2	44.2
7/5/2018 4:55	49.8	51.6	46.3
7/5/2018 5:00	49.7	51.9	45.1
7/5/2018 5:05	48.5	50.9	45.5
7/5/2018 5:10	52.0	53.3	46.0
7/5/2018 5:15	50.6	52.6	47.7
7/5/2018 5:20	54.3	57.2	47.2
7/5/2018 5:25	51.1	53.6	47.2
7/5/2018 5:30	53.3	56.8	47.4
7/5/2018 5:35	53.9	56.8	48.4
7/5/2018 5:40	51.7	54.5	46.8
7/5/2018 5:45	54.3	56.7	47.4
7/5/2018 5:50	54.8	57.8	48.5
7/5/2018 5:55	55.9	59.3	49.2
7/5/2018 6:00	56.2	58.5	49.7
7/5/2018 6:05	51.9	53.0	48.5
7/5/2018 6:10	56.3	58.8	49.7
7/5/2018 6:15	52.8	53.6	48.0
7/5/2018 6:20	53.5	55.9	49.4
7/5/2018 6:25	55.5	59.1	49.1
7/5/2018 6:30	52.0	55.1	48.6
7/5/2018 6:35	52.3	54.9	48.8
7/5/2018 6:40	54.0	57.2	49.3
7/5/2018 6:45	54.0	56.4	50.8
7/5/2018 6:50	55.1	58.5	50.2
7/5/2018 6:55	55.9	59.3	51.2

Measured Noise Levels (dB(A)) at NMS-CA-1A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
7/5/2018 23:01	57.1	60.0	52.8
7/5/2018 23:06	60.1	62.7	53.8
7/5/2018 23:11	60.7	63.4	55.7
7/5/2018 23:16	66.7	70.2	55.3
7/5/2018 23:21	75.7	79.1	65.7
7/5/2018 23:26	76.8	80.6	65.6
7/5/2018 23:31	82.5	86.0	74.0
7/5/2018 23:36	78.3	82.2	64.5
7/5/2018 23:41	75.2	79.4	58.2
7/5/2018 23:46	77.1	80.5	68.8
7/5/2018 23:51	78.2	81.9	68.2
7/5/2018 23:56	77.7	81.0	67.4
8/5/2018 0:01	77.9	81.0	69.3
8/5/2018 0:06	74.5	78.3	56.7
8/5/2018 0:11	63.6	66.8	54.0
8/5/2018 0:16	64.1	68.8	51.7
8/5/2018 0:21	72.0	76.1	58.1
8/5/2018 0:26	71.1	75.6	58.2
8/5/2018 0:31	76.1	79.4	64.2
8/5/2018 0:36	73.1	77.1	52.4
8/5/2018 0:41	58.8	62.9	51.9
8/5/2018 0:46	74.3	78.7	58.8
8/5/2018 0:51	67.6	70.7	59.5
8/5/2018 0:56	67.2	71.1	54.5
8/5/2018 1:01	83.2	87.1	63.2
8/5/2018 1:06	60.0	63.6	50.8
8/5/2018 1:11	61.9	67.0	50.8
8/5/2018 1:16	58.4	61.2	49.6
8/5/2018 1:21	58.1	60.5	48.9
8/5/2018 1:26	60.2	63.2	50.0
8/5/2018 1:31	53.2	55.1	50.2
8/5/2018 1:36	61.6	63.8	51.2
8/5/2018 1:41	54.9	58.0	51.1
8/5/2018 1:46	53.6	55.7	51.0
8/5/2018 1:51	56.4	60.3	50.1
8/5/2018 1:56	51.2	52.8	49.4
8/5/2018 2:01	52.5	55.2	49.6
8/5/2018 2:06	58.1	61.8	50.4
8/5/2018 2:11	54.3	58.0	49.1
8/5/2018 2:16	56.5	60.3	49.5
8/5/2018 2:21	56.0	60.0	48.9
8/5/2018 2:26	49.2	50.6	47.4
8/5/2018 2:31	55.2	59.0	46.7
8/5/2018 2:36	51.6	55.2	46.2
8/5/2018 2:41	52.5	56.8	46.0
8/5/2018 2:46	55.2	60.1	46.1
8/5/2018 2:51	57.3	61.7	46.8
8/5/2018 2:56	52.2	54.6	48.5
8/5/2018 3:01	51.2	54.4	47.9
8/5/2018 3:06	52.7	57.1	46.2
8/5/2018 3:11	48.4	50.6	45.9
8/5/2018 3:16	61.0	63.6	45.9
8/5/2018 3:21	50.3	53.4	45.5
8/5/2018 3:26	57.2	55.0	46.1

Measured Noise Levels (dB(A)) at NMS-CA-1A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
8/5/2018 3:31	49.3	52.6	45.7
8/5/2018 3:36	51.7	55.4	46.1
8/5/2018 3:41	52.3	56.3	46.9
8/5/2018 3:46	53.1	55.6	46.7
8/5/2018 3:51	53.7	57.3	48.3
8/5/2018 3:56	56.1	60.0	48.6
8/5/2018 4:01	54.8	58.1	49.7
8/5/2018 4:06	58.3	62.7	48.9
8/5/2018 4:11	52.2	55.7	46.7
8/5/2018 4:16	52.7	56.2	46.7
8/5/2018 4:21	55.1	56.4	47.6
8/5/2018 4:26	57.1	60.7	48.3
8/5/2018 4:31	53.0	56.3	48.1
8/5/2018 4:36	55.5	58.9	48.0
8/5/2018 4:41	53.6	57.6	46.7
8/5/2018 4:46	52.3	56.4	45.9
8/5/2018 4:51	56.3	61.8	46.7
8/5/2018 4:56	49.6	52.5	45.9
8/5/2018 5:01	48.8	50.3	46.6
8/5/2018 5:06	49.0	50.2	46.1
8/5/2018 5:11	53.9	51.8	46.9
8/5/2018 5:16	57.7	61.3	47.9
8/5/2018 5:21	64.5	63.9	51.1
8/5/2018 5:26	58.5	61.8	49.6
8/5/2018 5:31	58.3	60.1	49.2
8/5/2018 5:36	59.0	62.4	51.7
8/5/2018 5:41	56.7	59.8	50.7
8/5/2018 5:46	58.8	60.7	50.4
8/5/2018 5:51	57.0	60.5	49.3
8/5/2018 5:56	56.0	59.2	50.2
8/5/2018 6:01	56.4	59.5	51.7
8/5/2018 6:06	54.2	56.7	50.1
8/5/2018 6:11	56.3	60.6	49.1
8/5/2018 6:16	56.1	60.9	49.8
8/5/2018 6:21	55.2	58.6	49.2
8/5/2018 6:26	55.1	57.7	50.8
8/5/2018 6:31	54.5	56.8	50.3
8/5/2018 6:36	56.9	60.2	52.6
8/5/2018 6:41	56.3	58.8	52.4
8/5/2018 6:46	58.0	60.7	52.4
8/5/2018 6:51	57.7	60.6	52.9
8/5/2018 6:56	60.3	61.4	54.5

Measured Noise Levels (dB(A)) at NMS-CA-1A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
8/5/2018 23:01	63.9	68.4	52.9
8/5/2018 23:06	59.5	60.7	52.3
8/5/2018 23:11	62.0	66.5	52.8
8/5/2018 23:16	63.3	67.8	51.8
8/5/2018 23:21	58.5	63.4	49.2
8/5/2018 23:26	58.9	63.8	49.1
8/5/2018 23:31	61.4	66.5	50.6
8/5/2018 23:36	63.7	65.5	50.0
8/5/2018 23:41	61.3	65.8	51.0
8/5/2018 23:46	57.9	60.3	49.4
8/5/2018 23:51	58.2	62.8	49.2
8/5/2018 23:56	59.7	61.8	49.7
9/5/2018 0:01	61.7	65.1	50.6
9/5/2018 0:06	61.6	65.2	50.2
9/5/2018 0:11	61.3	65.7	50.2
9/5/2018 0:16	62.9	67.1	50.6
9/5/2018 0:21	64.4	69.9	50.5
9/5/2018 0:26	57.9	60.8	49.3
9/5/2018 0:31	61.9	66.3	49.1
9/5/2018 0:36	55.7	58.5	49.4
9/5/2018 0:41	61.6	65.8	50.5
9/5/2018 0:46	61.0	62.8	48.9
9/5/2018 0:51	63.8	68.9	49.9
9/5/2018 0:56	63.1	68.1	49.7
9/5/2018 1:01	58.7	63.0	48.4
9/5/2018 1:06	63.9	68.2	50.8
9/5/2018 1:11	60.9	65.7	49.0
9/5/2018 1:16	57.4	60.9	47.4
9/5/2018 1:21	56.6	61.0	47.9
9/5/2018 1:26	63.9	68.9	49.0
9/5/2018 1:31	61.8	67.4	48.6
9/5/2018 1:36	53.6	57.2	48.5
9/5/2018 1:41	53.0	56.1	49.5
9/5/2018 1:46	48.9	49.9	47.8
9/5/2018 1:51	53.7	56.3	47.6
9/5/2018 1:56	48.5	50.1	47.1
9/5/2018 2:01	53.2	56.7	47.5
9/5/2018 2:06	48.7	50.4	47.0
9/5/2018 2:11	53.6	57.1	47.6
9/5/2018 2:16	49.2	51.7	46.2
9/5/2018 2:21	50.9	54.2	45.5
9/5/2018 2:26	48.5	49.9	45.9
9/5/2018 2:31	50.9	54.9	45.7
9/5/2018 2:36	50.3	53.5	46.3
9/5/2018 2:41	50.0	52.6	46.5
9/5/2018 2:46	52.1	55.6	47.4
9/5/2018 2:51	46.9	47.9	45.7
9/5/2018 2:56	47.5	49.2	45.5
9/5/2018 3:01	46.6	48.3	44.5
9/5/2018 3:06	46.2	47.1	45.1
9/5/2018 3:11	47.1	48.2	45.8
9/5/2018 3:16	46.9	48.0	45.8
9/5/2018 3:21	46.7	48.1	45.2
9/5/2018 3:26	50.3	54.3	45.5

Measured Noise Levels (dB(A)) at NMS-CA-1A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
9/5/2018 3:31	48.2	51.1	45.3
9/5/2018 3:36	54.0	57.9	46.3
9/5/2018 3:41	51.3	54.9	45.8
9/5/2018 3:46	52.2	56.1	45.8
9/5/2018 3:51	52.5	56.8	45.2
9/5/2018 3:56	50.6	55.0	45.0
9/5/2018 4:01	51.7	55.3	45.8
9/5/2018 4:06	66.3	65.4	46.5
9/5/2018 4:11	51.7	55.6	46.1
9/5/2018 4:16	52.6	56.3	45.8
9/5/2018 4:21	51.1	54.9	46.1
9/5/2018 4:26	56.5	59.6	46.5
9/5/2018 4:31	54.5	58.5	47.2
9/5/2018 4:36	52.9	55.7	46.8
9/5/2018 4:41	62.2	63.2	46.3
9/5/2018 4:46	48.8	50.8	46.6
9/5/2018 4:51	48.4	49.7	46.4
9/5/2018 4:56	48.5	50.0	46.4
9/5/2018 5:01	49.1	51.1	47.0
9/5/2018 5:06	49.5	50.8	46.9
9/5/2018 5:11	50.8	53.7	47.2
9/5/2018 5:16	50.2	51.8	48.1
9/5/2018 5:21	55.6	60.2	47.6
9/5/2018 5:26	51.7	54.1	48.4
9/5/2018 5:31	51.7	53.4	47.9
9/5/2018 5:36	51.8	54.7	48.0
9/5/2018 5:41	52.1	54.3	48.0
9/5/2018 5:46	58.3	61.2	49.4
9/5/2018 5:51	53.8	56.4	49.3
9/5/2018 5:56	55.4	58.0	49.8
9/5/2018 6:01	52.6	54.7	49.5
9/5/2018 6:06	54.5	57.7	50.7
9/5/2018 6:11	56.0	58.5	51.6
9/5/2018 6:16	57.8	61.7	51.8
9/5/2018 6:21	54.8	57.0	51.6
9/5/2018 6:26	57.2	60.7	53.2
9/5/2018 6:31	54.3	56.0	51.4
9/5/2018 6:36	56.0	59.3	50.7
9/5/2018 6:41	57.5	60.6	53.0
9/5/2018 6:46	58.4	61.1	53.2
9/5/2018 6:51	58.7	62.1	53.3
9/5/2018 6:56	57.9	60.7	53.0

Measured Noise Levels (dB(A)) at NMS-CA-1A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
9/5/2018 23:01	65.1	68.1	57.2
9/5/2018 23:06	66.7	70.3	56.9
9/5/2018 23:11	66.9	70.3	56.0
9/5/2018 23:16	66.4	70.1	57.0
9/5/2018 23:21	63.9	66.5	54.7
9/5/2018 23:26	61.5	64.9	55.3
9/5/2018 23:31	64.1	67.2	57.1
9/5/2018 23:36	68.6	72.4	55.8
9/5/2018 23:41	64.8	68.2	55.7
9/5/2018 23:46	62.5	66.2	53.6
9/5/2018 23:51	66.6	68.6	55.8
9/5/2018 23:56	65.9	69.2	54.8
10/5/2018 0:01	63.7	67.6	54.6
10/5/2018 0:06	64.5	68.3	56.1
10/5/2018 0:11	66.4	70.0	58.1
10/5/2018 0:16	70.0	73.3	59.2
10/5/2018 0:21	60.3	63.3	53.3
10/5/2018 0:26	63.9	67.9	55.7
10/5/2018 0:31	64.9	67.9	53.7
10/5/2018 0:36	65.9	69.0	55.9
10/5/2018 0:41	66.4	70.9	56.4
10/5/2018 0:46	63.2	67.3	54.1
10/5/2018 0:51	68.3	72.5	56.5
10/5/2018 0:56	64.8	69.4	54.4
10/5/2018 1:01	65.7	68.9	53.6
10/5/2018 1:06	65.6	69.9	53.2
10/5/2018 1:11	66.4	70.6	55.6
10/5/2018 1:16	64.1	66.7	54.8
10/5/2018 1:21	68.9	72.6	56.1
10/5/2018 1:26	68.8	72.7	55.2
10/5/2018 1:31	67.5	70.9	54.4
10/5/2018 1:36	62.6	66.1	53.6
10/5/2018 1:41	67.6	71.7	55.8
10/5/2018 1:46	66.4	70.6	53.9
10/5/2018 1:51	61.7	65.8	51.7
10/5/2018 1:56	61.2	63.9	53.5
10/5/2018 2:01	59.9	62.9	52.6
10/5/2018 2:06	63.7	66.9	53.0
10/5/2018 2:11	62.4	65.9	53.4
10/5/2018 2:16	63.0	66.3	52.8
10/5/2018 2:21	62.5	61.9	52.1
10/5/2018 2:26	68.5	71.4	55.4
10/5/2018 2:31	66.7	70.7	55.5
10/5/2018 2:36	71.2	74.6	61.0
10/5/2018 2:41	72.1	75.4	62.9
10/5/2018 2:46	71.2	74.7	58.3
10/5/2018 2:51	67.7	71.2	56.5
10/5/2018 2:56	59.9	63.1	52.8
10/5/2018 3:01	55.9	58.4	51.8
10/5/2018 3:06	55.1	57.4	51.0
10/5/2018 3:11	59.1	61.9	51.8
10/5/2018 3:16	61.7	65.1	52.2
10/5/2018 3:21	60.3	63.3	50.9
10/5/2018 3:26	59.7	63.9	52.5

Measured Noise Levels (dB(A)) at NMS-CA-1A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
10/5/2018 3:31	59.8	63.2	52.4
10/5/2018 3:36	60.3	64.7	51.7
10/5/2018 3:41	63.2	68.3	52.9
10/5/2018 3:46	61.1	63.6	51.6
10/5/2018 3:51	64.6	68.6	54.5
10/5/2018 3:56	66.7	70.1	54.5
10/5/2018 4:01	67.6	71.2	55.6
10/5/2018 4:06	67.2	71.1	54.7
10/5/2018 4:11	65.6	68.9	55.2
10/5/2018 4:16	62.8	65.8	52.6
10/5/2018 4:21	64.9	68.6	53.0
10/5/2018 4:26	62.1	65.5	51.7
10/5/2018 4:31	58.9	62.3	52.0
10/5/2018 4:36	63.4	68.0	51.4
10/5/2018 4:41	66.1	71.0	51.6
10/5/2018 4:46	60.0	64.1	51.5
10/5/2018 4:51	54.6	56.5	50.4
10/5/2018 4:56	52.7	54.0	49.9
10/5/2018 5:01	54.6	57.1	51.0
10/5/2018 5:06	55.1	56.5	50.8
10/5/2018 5:11	54.2	56.1	52.1
10/5/2018 5:16	54.1	56.0	51.2
10/5/2018 5:21	71.0	70.2	50.7
10/5/2018 5:26	55.9	56.6	51.1
10/5/2018 5:31	54.2	56.4	51.1
10/5/2018 5:36	59.8	61.3	52.3
10/5/2018 5:41	55.0	57.3	51.8
10/5/2018 5:46	56.4	60.0	52.5
10/5/2018 5:51	56.5	59.0	53.4
10/5/2018 5:56	61.3	65.4	53.8
10/5/2018 6:01	66.2	66.1	53.3
10/5/2018 6:06	61.5	63.6	54.4
10/5/2018 6:11	59.9	63.0	54.4
10/5/2018 6:16	59.4	62.9	54.4
10/5/2018 6:21	63.8	66.1	57.2
10/5/2018 6:26	63.7	66.5	59.3
10/5/2018 6:31	60.7	62.5	57.6
10/5/2018 6:36	58.6	60.0	55.1
10/5/2018 6:41	60.7	64.2	54.5
10/5/2018 6:46	59.3	61.4	53.8
10/5/2018 6:51	57.9	59.9	54.2
10/5/2018 6:56	58.6	61.6	54.6



Measured Noise Levels (dB(A)) at NMS-CA-1A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
10/5/2018 23:03	54.3	56.7	52.0
10/5/2018 23:08	64.7	68.7	55.2
10/5/2018 23:13	61.0	65.1	53.9
10/5/2018 23:18	62.1	66.6	54.0
10/5/2018 23:23	65.6	69.4	56.2
10/5/2018 23:28	64.9	67.6	55.7
10/5/2018 23:33	64.7	68.4	55.0
10/5/2018 23:38	67.4	70.9	56.3
10/5/2018 23:43	64.3	68.4	54.7
10/5/2018 23:48	62.7	65.2	53.3
10/5/2018 23:53	65.4	69.6	55.7
10/5/2018 23:58	67.7	71.8	57.9
11/5/2018 0:03	69.0	73.2	57.3
11/5/2018 0:08	65.3	69.6	52.7
11/5/2018 0:13	66.5	70.5	57.4
11/5/2018 0:18	66.7	70.8	55.1
11/5/2018 0:23	65.3	68.5	53.6
11/5/2018 0:28	66.0	69.8	56.3
11/5/2018 0:33	67.0	71.0	55.8
11/5/2018 0:38	66.9	71.0	57.1
11/5/2018 0:43	68.7	72.3	58.1
11/5/2018 0:48	65.5	69.5	55.3
11/5/2018 0:53	67.9	72.0	55.8
11/5/2018 0:58	67.8	72.4	54.7
11/5/2018 1:03	64.9	68.4	56.0
11/5/2018 1:08	68.6	72.5	57.9
11/5/2018 1:13	67.6	71.5	56.9
11/5/2018 1:18	69.0	72.8	54.7
11/5/2018 1:23	68.4	72.5	56.1
11/5/2018 1:28	67.3	70.9	55.3
11/5/2018 1:33	60.1	62.2	51.3
11/5/2018 1:38	63.0	65.7	51.1
11/5/2018 1:43	62.2	65.9	51.8
11/5/2018 1:48	61.6	64.8	50.3
11/5/2018 1:53	57.4	60.8	49.3
11/5/2018 1:58	56.8	59.5	49.0
11/5/2018 2:03	54.0	56.7	49.5
11/5/2018 2:08	54.5	57.3	48.9
11/5/2018 2:13	55.7	58.9	49.8
11/5/2018 2:18	54.4	56.9	49.4
11/5/2018 2:23	54.7	57.2	47.8
11/5/2018 2:28	54.0	56.3	48.6
11/5/2018 2:33	50.8	53.2	47.9
11/5/2018 2:38	55.8	58.6	47.5
11/5/2018 2:43	51.0	52.9	46.7
11/5/2018 2:48	53.0	54.0	46.6
11/5/2018 2:53	49.7	52.2	45.9
11/5/2018 2:58	47.7	49.3	45.3
11/5/2018 3:03	48.2	49.8	46.0
11/5/2018 3:08	48.8	50.3	47.2
11/5/2018 3:13	52.6	54.5	48.5
11/5/2018 3:18	52.2	55.7	47.6
11/5/2018 3:23	50.1	51.8	47.2
11/5/2018 3:28	56.1	58.1	49.4

Measured Noise Levels (dB(A)) at NMS-CA-1A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
11/5/2018 3:33	54.9	56.9	48.3
11/5/2018 3:38	53.6	56.3	48.8
11/5/2018 3:43	53.7	56.7	47.8
11/5/2018 3:48	53.3	56.2	47.8
11/5/2018 3:53	51.3	53.3	47.9
11/5/2018 3:58	50.3	51.1	48.1
11/5/2018 4:03	52.5	54.9	48.1
11/5/2018 4:08	54.6	57.6	48.7
11/5/2018 4:13	53.0	56.2	48.7
11/5/2018 4:18	54.1	57.1	50.3
11/5/2018 4:23	57.7	60.4	50.4
11/5/2018 4:28	57.2	60.3	50.2
11/5/2018 4:33	57.5	59.0	51.0
11/5/2018 4:38	52.5	53.7	50.1
11/5/2018 4:43	61.6	63.0	50.2
11/5/2018 4:48	55.6	58.2	50.3
11/5/2018 4:53	55.7	58.1	49.3
11/5/2018 4:58	55.3	57.8	49.7
11/5/2018 5:03	55.8	59.4	49.4
11/5/2018 5:08	57.4	60.0	49.6
11/5/2018 5:13	57.1	61.0	49.7
11/5/2018 5:18	56.2	59.4	51.1
11/5/2018 5:23	55.0	57.5	50.6
11/5/2018 5:28	58.1	60.6	51.2
11/5/2018 5:33	58.1	59.5	50.9
11/5/2018 5:38	53.7	56.0	50.1
11/5/2018 5:43	56.2	58.9	51.1
11/5/2018 5:48	56.9	60.2	51.5
11/5/2018 5:53	55.9	59.1	51.6
11/5/2018 5:58	56.3	58.6	51.8
11/5/2018 6:03	53.7	55.3	51.0
11/5/2018 6:08	55.5	58.3	51.8
11/5/2018 6:13	55.5	58.4	50.8
11/5/2018 6:18	55.5	58.1	50.9
11/5/2018 6:23	55.8	58.4	51.5
11/5/2018 6:28	54.9	57.6	51.1
11/5/2018 6:33	55.0	57.1	51.6
11/5/2018 6:38	57.3	60.4	52.1
11/5/2018 6:43	55.6	57.3	52.5
11/5/2018 6:48	57.1	59.7	53.2
11/5/2018 6:53	57.5	60.5	52.3
11/5/2018 6:58	54.7	56.5	51.9

Measured Noise Levels (dB(A)) at NMS-CA-1A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
11/5/2018 23:03	62.8	66.6	52.7
11/5/2018 23:08	60.0	63.2	51.8
11/5/2018 23:13	61.8	66.1	52.4
11/5/2018 23:18	62.0	65.2	52.5
11/5/2018 23:23	59.3	62.6	51.8
11/5/2018 23:28	61.3	64.7	52.4
11/5/2018 23:33	60.7	65.5	52.3
11/5/2018 23:38	62.1	66.8	51.7
11/5/2018 23:43	61.2	64.7	50.7
11/5/2018 23:48	62.8	66.8	49.5
11/5/2018 23:53	60.6	63.3	50.1
11/5/2018 23:58	62.1	66.5	51.8
12/5/2018 0:03	63.6	68.8	50.0
12/5/2018 0:08	61.7	64.6	51.2
12/5/2018 0:13	60.8	64.9	50.1
12/5/2018 0:18	62.6	66.8	49.3
12/5/2018 0:23	65.8	70.5	50.0
12/5/2018 0:28	56.2	59.8	48.8
12/5/2018 0:33	63.9	68.5	48.8
12/5/2018 0:38	64.6	69.6	50.2
12/5/2018 0:43	60.8	64.5	49.1
12/5/2018 0:48	61.0	65.8	48.0
12/5/2018 0:53	65.1	69.7	47.4
12/5/2018 0:58	63.8	68.3	49.7
12/5/2018 1:03	60.5	65.3	49.6
12/5/2018 1:08	61.4	65.9	49.0
12/5/2018 1:13	61.9	67.2	49.0
12/5/2018 1:18	62.6	67.9	46.8
12/5/2018 1:23	63.9	67.3	47.3
12/5/2018 1:28	58.5	57.7	45.9
12/5/2018 1:33	61.2	66.7	46.7
12/5/2018 1:38	60.0	65.1	46.6
12/5/2018 1:43	59.7	64.3	45.6
12/5/2018 1:48	63.6	67.8	46.1
12/5/2018 1:53	59.4	62.3	45.5
12/5/2018 1:58	58.4	61.1	44.6
12/5/2018 2:03	56.3	60.6	45.1
12/5/2018 2:08	60.8	64.1	47.2
12/5/2018 2:13	55.5	59.8	44.2
12/5/2018 2:18	46.3	48.7	43.6
12/5/2018 2:23	61.3	66.1	45.7
12/5/2018 2:28	53.9	56.3	43.7
12/5/2018 2:33	60.5	63.7	43.5
12/5/2018 2:38	47.2	49.5	43.7
12/5/2018 2:43	47.6	48.3	44.0
12/5/2018 2:48	46.7	49.8	44.1
12/5/2018 2:53	45.7	47.6	44.0
12/5/2018 2:58	46.2	48.8	44.1
12/5/2018 3:03	45.9	47.7	44.1
12/5/2018 3:08	47.0	49.0	43.6
12/5/2018 3:13	47.5	50.1	44.4
12/5/2018 3:18	61.9	65.8	44.1
12/5/2018 3:23	46.1	47.9	43.4
12/5/2018 3:28	46.6	49.0	44.1

Measured Noise Levels (dB(A)) at NMS-CA-1A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
12/5/2018 3:33	46.0	48.8	43.7
12/5/2018 3:38	46.1	47.7	44.2
12/5/2018 3:43	46.4	48.5	44.7
12/5/2018 3:48	48.2	50.4	44.4
12/5/2018 3:53	58.7	60.2	44.8
12/5/2018 3:58	59.5	63.4	45.7
12/5/2018 4:03	59.9	59.7	44.4
12/5/2018 4:08	59.4	60.2	44.2
12/5/2018 4:13	52.1	51.6	44.1
12/5/2018 4:18	59.5	59.9	45.2
12/5/2018 4:23	65.3	70.4	45.9
12/5/2018 4:28	46.1	47.6	44.7
12/5/2018 4:33	61.7	61.5	45.7
12/5/2018 4:38	57.4	59.3	45.7
12/5/2018 4:43	46.9	48.7	45.3
12/5/2018 4:48	47.8	50.9	44.5
12/5/2018 4:53	61.1	66.0	46.0
12/5/2018 4:58	47.6	50.2	45.3
12/5/2018 5:03	48.5	51.1	45.6
12/5/2018 5:08	46.7	48.7	45.3
12/5/2018 5:13	47.1	48.5	45.8
12/5/2018 5:18	58.2	61.3	46.0
12/5/2018 5:23	50.7	51.6	46.2
12/5/2018 5:28	59.0	62.3	46.7
12/5/2018 5:33	48.9	51.0	46.2
12/5/2018 5:38	56.0	52.1	46.5
12/5/2018 5:43	60.5	64.0	47.6
12/5/2018 5:48	60.4	64.3	49.5
12/5/2018 5:53	49.8	51.5	47.7
12/5/2018 5:58	54.9	58.5	47.8
12/5/2018 6:03	52.6	55.0	49.6
12/5/2018 6:08	63.1	64.4	49.4
12/5/2018 6:13	52.4	55.4	48.9
12/5/2018 6:18	53.3	55.2	48.8
12/5/2018 6:23	55.3	58.8	48.8
12/5/2018 6:28	51.8	54.7	48.5
12/5/2018 6:33	52.9	55.7	49.0
12/5/2018 6:38	52.7	55.9	49.4
12/5/2018 6:43	54.3	56.3	49.0
12/5/2018 6:48	59.7	64.6	50.8
12/5/2018 6:53	60.4	64.2	50.1
12/5/2018 6:58	52.5	54.8	49.8

Measured Noise Levels (dB(A)) at NMS-CA-1A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
12/5/2018 23:03	64.1	68.8	50.4
12/5/2018 23:08	62.0	67.1	49.2
12/5/2018 23:13	63.6	68.3	51.6
12/5/2018 23:18	63.0	67.1	49.9
12/5/2018 23:23	58.6	63.1	48.5
12/5/2018 23:28	59.1	64.1	49.2
12/5/2018 23:33	59.0	63.4	50.2
12/5/2018 23:38	57.8	62.7	48.9
12/5/2018 23:43	62.9	66.5	50.5
12/5/2018 23:48	55.1	58.5	47.2
12/5/2018 23:53	60.6	64.7	49.1
12/5/2018 23:58	55.0	58.7	46.7
13/5/2018 0:03	62.6	67.4	47.6
13/5/2018 0:08	65.7	69.0	48.6
13/5/2018 0:13	62.8	68.2	49.4
13/5/2018 0:18	61.9	65.2	46.5
13/5/2018 0:23	64.2	69.1	49.0
13/5/2018 0:28	64.2	69.4	47.0
13/5/2018 0:33	64.7	70.2	46.0
13/5/2018 0:38	60.2	65.3	46.2
13/5/2018 0:43	64.2	68.9	47.7
13/5/2018 0:48	64.1	69.1	47.6
13/5/2018 0:53	56.9	61.6	46.3
13/5/2018 0:58	61.8	66.7	45.4
13/5/2018 1:03	62.3	67.3	45.6
13/5/2018 1:08	60.2	64.0	46.0
13/5/2018 1:13	63.8	68.8	45.9
13/5/2018 1:18	62.9	67.8	48.6
13/5/2018 1:23	58.2	59.4	47.1
13/5/2018 1:28	52.9	53.8	45.6
13/5/2018 1:33	56.1	58.1	45.7
13/5/2018 1:38	61.5	66.5	48.3
13/5/2018 1:43	47.7	50.0	45.0
13/5/2018 1:48	55.7	57.0	44.3
13/5/2018 1:53	57.4	60.0	44.8
13/5/2018 1:58	60.6	64.2	44.6
13/5/2018 2:03	55.6	59.6	44.5
13/5/2018 2:08	64.6	68.6	46.6
13/5/2018 2:13	61.2	65.6	46.4
13/5/2018 2:18	62.6	67.3	45.6
13/5/2018 2:23	57.3	62.4	45.7
13/5/2018 2:28	47.3	49.1	45.4
13/5/2018 2:33	54.2	57.8	45.2
13/5/2018 2:38	47.1	49.2	44.9
13/5/2018 2:43	58.1	60.2	44.8
13/5/2018 2:48	47.2	50.7	44.2
13/5/2018 2:53	47.3	48.6	44.1
13/5/2018 2:58	48.6	51.8	44.2
13/5/2018 3:03	54.1	50.4	44.1
13/5/2018 3:08	55.0	52.2	44.4
13/5/2018 3:13	46.2	48.2	44.3
13/5/2018 3:18	46.4	48.4	45.1
13/5/2018 3:23	59.7	65.3	45.0
13/5/2018 3:28	58.8	61.2	45.0

Measured Noise Levels (dB(A)) at NMS-CA-1A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
13/5/2018 3:33	45.9	47.8	44.5
13/5/2018 3:38	60.0	60.5	44.6
13/5/2018 3:43	59.5	60.5	44.8
13/5/2018 3:48	58.2	62.4	44.1
13/5/2018 3:53	46.1	48.1	44.5
13/5/2018 3:58	59.6	63.8	44.1
13/5/2018 4:03	57.3	60.0	44.5
13/5/2018 4:08	58.7	59.1	45.0
13/5/2018 4:13	59.8	61.5	45.7
13/5/2018 4:18	64.3	69.3	46.0
13/5/2018 4:23	64.6	69.5	46.3
13/5/2018 4:28	57.2	59.6	45.4
13/5/2018 4:33	60.4	65.8	46.0
13/5/2018 4:38	61.3	65.8	45.9
13/5/2018 4:43	47.9	49.6	45.9
13/5/2018 4:48	60.3	62.1	46.4
13/5/2018 4:53	60.3	64.9	46.0
13/5/2018 4:58	52.6	55.8	45.0
13/5/2018 5:03	51.0	54.2	46.0
13/5/2018 5:08	59.9	64.9	46.5
13/5/2018 5:13	52.2	55.3	47.0
13/5/2018 5:18	61.2	64.4	48.9
13/5/2018 5:23	51.2	53.4	48.2
13/5/2018 5:28	50.6	52.2	48.3
13/5/2018 5:33	50.6	52.7	48.4
13/5/2018 5:38	52.0	54.1	48.9
13/5/2018 5:43	58.5	61.3	49.1
13/5/2018 5:48	56.5	60.0	47.6
13/5/2018 5:53	51.7	54.0	46.9
13/5/2018 5:58	53.7	54.9	47.9
13/5/2018 6:03	49.7	51.5	47.4
13/5/2018 6:08	55.5	59.4	49.4
13/5/2018 6:13	57.6	55.3	49.6
13/5/2018 6:18	65.0	68.7	49.9
13/5/2018 6:23	53.4	57.4	47.8
13/5/2018 6:28	50.1	52.3	46.8
13/5/2018 6:33	50.3	51.9	47.6
13/5/2018 6:38	53.6	57.6	47.0
13/5/2018 6:43	58.2	62.2	47.4
13/5/2018 6:48	55.5	59.2	48.6
13/5/2018 6:53	57.5	62.5	50.5
13/5/2018 6:58	52.3	55.1	48.5

Measured Noise Levels (dB(A)) at NMS-CA-1A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
13/5/2018 23:04	57.9	59.7	49.9
13/5/2018 23:09	61.4	66.3	49.3
13/5/2018 23:14	57.3	60.7	49.7
13/5/2018 23:19	57.6	61.6	46.8
13/5/2018 23:24	54.5	56.9	47.8
13/5/2018 23:29	58.2	62.7	47.2
13/5/2018 23:34	61.1	64.3	47.4
13/5/2018 23:39	59.7	64.0	47.4
13/5/2018 23:44	64.0	63.8	46.0
13/5/2018 23:49	60.6	62.8	47.1
13/5/2018 23:54	57.8	61.5	45.7
13/5/2018 23:59	62.6	67.1	48.9
14/5/2018 0:04	59.2	63.1	46.8
14/5/2018 0:09	59.8	63.5	49.4
14/5/2018 0:14	63.4	68.0	49.0
14/5/2018 0:19	63.7	68.9	46.6
14/5/2018 0:24	61.1	65.8	47.4
14/5/2018 0:29	62.8	67.0	45.8
14/5/2018 0:34	62.9	67.7	46.2
14/5/2018 0:39	64.6	69.2	46.9
14/5/2018 0:44	60.7	65.8	45.6
14/5/2018 0:49	60.9	66.7	45.8
14/5/2018 0:54	59.1	63.2	46.3
14/5/2018 0:59	62.0	67.1	46.4
14/5/2018 1:04	60.3	65.2	47.5
14/5/2018 1:09	59.8	64.9	47.4
14/5/2018 1:14	61.8	67.1	49.1
14/5/2018 1:19	63.1	67.8	49.2
14/5/2018 1:24	61.1	66.1	46.4
14/5/2018 1:29	58.4	64.1	45.5
14/5/2018 1:34	55.4	58.1	45.7
14/5/2018 1:39	47.5	48.7	45.4
14/5/2018 1:44	47.0	48.4	45.5
14/5/2018 1:49	63.3	69.0	45.6
14/5/2018 1:54	58.9	63.8	45.8
14/5/2018 1:59	58.6	63.8	45.7
14/5/2018 2:04	55.9	58.1	44.9
14/5/2018 2:09	57.6	59.6	45.0
14/5/2018 2:14	49.5	50.0	45.7
14/5/2018 2:19	45.5	46.8	44.2
14/5/2018 2:24	53.3	55.6	44.9
14/5/2018 2:29	54.1	59.9	44.9
14/5/2018 2:34	53.4	55.9	45.4
14/5/2018 2:39	50.6	51.5	43.9
14/5/2018 2:44	57.2	58.7	44.5
14/5/2018 2:49	45.4	46.9	44.1
14/5/2018 2:54	56.5	59.1	44.7
14/5/2018 2:59	48.3	51.0	44.5
14/5/2018 3:04	44.8	45.9	43.6
14/5/2018 3:09	46.3	48.4	43.7
14/5/2018 3:14	45.2	46.9	43.7
14/5/2018 3:19	46.2	49.0	43.8
14/5/2018 3:24	47.3	49.2	45.0
14/5/2018 3:29	57.6	60.2	44.1

Measured Noise Levels (dB(A)) at NMS-CA-1A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
14/5/2018 3:34	45.8	46.6	44.4
14/5/2018 3:39	46.4	46.5	44.0
14/5/2018 3:44	45.6	47.2	44.3
14/5/2018 3:49	57.0	61.4	44.0
14/5/2018 3:54	46.3	48.7	44.0
14/5/2018 3:59	45.6	46.9	43.8
14/5/2018 4:04	46.5	48.6	44.0
14/5/2018 4:09	44.1	44.7	43.4
14/5/2018 4:14	46.4	47.7	43.9
14/5/2018 4:19	58.3	58.9	43.7
14/5/2018 4:24	47.0	48.6	44.3
14/5/2018 4:29	48.8	51.4	45.2
14/5/2018 4:34	47.2	49.8	45.2
14/5/2018 4:39	47.2	50.0	45.1
14/5/2018 4:44	58.1	60.8	45.7
14/5/2018 4:49	50.4	53.6	45.9
14/5/2018 4:54	48.3	50.7	45.0
14/5/2018 4:59	48.0	50.9	44.6
14/5/2018 5:04	61.1	64.7	45.3
14/5/2018 5:09	47.7	47.9	45.7
14/5/2018 5:14	60.0	61.3	46.3
14/5/2018 5:19	47.6	50.0	45.1
14/5/2018 5:24	46.7	49.4	44.6
14/5/2018 5:29	49.7	52.0	45.6
14/5/2018 5:34	47.9	49.8	45.5
14/5/2018 5:39	51.1	54.3	45.9
14/5/2018 5:44	51.4	52.9	45.8
14/5/2018 5:49	51.9	54.1	47.2
14/5/2018 5:54	54.6	57.8	46.3
14/5/2018 5:59	49.1	51.6	46.3
14/5/2018 6:04	54.2	54.4	49.9
14/5/2018 6:09	54.5	57.5	49.5
14/5/2018 6:14	50.4	52.6	48.1
14/5/2018 6:19	54.0	57.4	46.8
14/5/2018 6:24	54.5	57.2	49.1
14/5/2018 6:29	54.0	57.5	48.3
14/5/2018 6:34	53.3	56.6	49.0
14/5/2018 6:39	55.7	59.7	49.5
14/5/2018 6:44	54.1	58.0	48.7
14/5/2018 6:49	54.5	58.6	48.7
14/5/2018 6:54	57.4	60.2	51.7
14/5/2018 6:59	55.3	58.3	51.2

Measured Noise Levels (dB(A)) at NMS-CA-1A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
14/5/2018 23:04	50.6	53.2	47.0
14/5/2018 23:09	53.1	55.4	48.0
14/5/2018 23:14	58.0	61.3	49.2
14/5/2018 23:19	52.9	55.3	47.2
14/5/2018 23:24	55.7	58.7	47.7
14/5/2018 23:29	54.2	57.0	47.6
14/5/2018 23:34	52.8	54.2	48.4
14/5/2018 23:39	57.0	60.4	47.9
14/5/2018 23:44	56.2	59.9	47.2
14/5/2018 23:49	53.8	55.8	46.9
14/5/2018 23:54	54.1	58.0	46.5
14/5/2018 23:59	55.6	59.3	48.5
15/5/2018 0:04	53.8	57.9	46.9
15/5/2018 0:09	55.4	58.0	46.3
15/5/2018 0:14	53.7	58.0	45.6
15/5/2018 0:19	55.6	59.1	46.2
15/5/2018 0:24	52.2	53.2	47.1
15/5/2018 0:29	53.4	57.2	46.6
15/5/2018 0:34	53.9	49.3	45.3
15/5/2018 0:39	53.6	57.7	46.7
15/5/2018 0:44	49.9	53.3	45.3
15/5/2018 0:49	47.4	49.3	45.2
15/5/2018 0:54	52.0	55.4	47.0
15/5/2018 0:59	49.3	51.4	46.5
15/5/2018 1:04	47.9	50.6	44.5
15/5/2018 1:09	48.7	50.6	45.4
15/5/2018 1:14	47.0	49.0	44.7
15/5/2018 1:19	47.1	48.9	45.0
15/5/2018 1:24	47.2	49.6	44.6
15/5/2018 1:29	45.6	47.0	44.1
15/5/2018 1:34	47.3	50.4	44.2
15/5/2018 1:39	50.5	53.9	44.3
15/5/2018 1:44	49.6	52.4	44.5
15/5/2018 1:49	45.9	47.8	44.4
15/5/2018 1:54	46.3	48.9	44.1
15/5/2018 1:59	45.1	47.4	43.5
15/5/2018 2:04	45.8	48.3	43.5
15/5/2018 2:09	49.5	53.4	43.7
15/5/2018 2:14	48.5	51.9	43.6
15/5/2018 2:19	47.9	51.4	43.6
15/5/2018 2:24	44.7	46.1	43.6
15/5/2018 2:29	45.7	48.6	43.6
15/5/2018 2:34	45.7	48.0	43.5
15/5/2018 2:39	45.9	48.0	43.9
15/5/2018 2:44	45.0	46.0	43.9
15/5/2018 2:49	46.5	50.1	43.7
15/5/2018 2:54	45.0	46.6	43.7
15/5/2018 2:59	44.7	45.8	43.7
15/5/2018 3:04	45.3	47.3	43.5
15/5/2018 3:09	48.0	51.5	43.7
15/5/2018 3:14	45.6	47.4	44.1
15/5/2018 3:19	47.2	50.3	43.8
15/5/2018 3:24	48.8	51.5	43.8
15/5/2018 3:29	48.3	51.8	44.0

Measured Noise Levels (dB(A)) at NMS-CA-1A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
15/5/2018 3:34	48.0	51.5	44.3
15/5/2018 3:39	47.1	48.7	44.9
15/5/2018 3:44	50.2	53.1	44.5
15/5/2018 3:49	48.0	51.9	43.6
15/5/2018 3:54	50.7	53.4	44.2
15/5/2018 3:59	49.3	53.2	44.7
15/5/2018 4:04	46.1	48.7	44.0
15/5/2018 4:09	44.9	45.5	43.9
15/5/2018 4:14	47.4	50.3	44.0
15/5/2018 4:19	45.7	47.2	43.8
15/5/2018 4:24	50.4	54.4	44.1
15/5/2018 4:29	47.4	50.3	44.3
15/5/2018 4:34	47.6	50.3	44.5
15/5/2018 4:39	46.6	48.8	44.3
15/5/2018 4:44	50.2	53.9	45.1
15/5/2018 4:49	50.0	53.9	44.7
15/5/2018 4:54	51.4	54.6	46.2
15/5/2018 4:59	48.3	51.2	44.9
15/5/2018 5:04	49.4	52.5	44.7
15/5/2018 5:09	51.7	55.5	45.8
15/5/2018 5:14	49.9	52.3	46.4
15/5/2018 5:19	48.3	50.3	45.2
15/5/2018 5:24	47.7	49.6	45.2
15/5/2018 5:29	49.4	50.5	45.4
15/5/2018 5:34	51.6	55.3	46.3
15/5/2018 5:39	49.8	51.5	46.2
15/5/2018 5:44	52.0	55.4	45.2
15/5/2018 5:49	50.7	53.4	44.9
15/5/2018 5:54	53.8	57.5	45.4
15/5/2018 5:59	53.3	56.2	48.2
15/5/2018 6:04	52.1	55.1	47.8
15/5/2018 6:09	53.6	56.4	48.5
15/5/2018 6:14	55.6	58.7	49.2
15/5/2018 6:19	52.0	55.1	47.8
15/5/2018 6:24	56.1	59.8	49.1
15/5/2018 6:29	54.2	57.2	48.3
15/5/2018 6:34	52.3	54.3	48.8
15/5/2018 6:39	54.2	58.1	48.3
15/5/2018 6:44	58.0	61.0	49.1
15/5/2018 6:49	56.1	57.9	50.2
15/5/2018 6:54	56.2	59.5	51.1
15/5/2018 6:59	57.8	61.2	51.0

Measured Noise Levels (dB(A)) at NMS-CA-1A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
15/5/2018 23:04	58.4	60.5	49.3
15/5/2018 23:09	60.1	64.6	50.2
15/5/2018 23:14	65.2	66.6	48.1
15/5/2018 23:19	56.0	60.2	47.4
15/5/2018 23:24	57.0	60.9	48.4
15/5/2018 23:29	54.6	58.3	48.1
15/5/2018 23:34	61.4	65.3	50.9
15/5/2018 23:39	57.6	60.8	49.8
15/5/2018 23:44	65.3	70.0	50.2
15/5/2018 23:49	59.6	63.7	50.1
15/5/2018 23:54	61.3	64.8	51.8
15/5/2018 23:59	58.4	62.4	48.9
16/5/2018 0:04	56.9	60.9	49.2
16/5/2018 0:09	62.8	67.3	50.5
16/5/2018 0:14	61.0	65.3	48.3
16/5/2018 0:19	63.4	68.9	49.4
16/5/2018 0:24	64.5	69.7	47.5
16/5/2018 0:29	62.9	68.1	47.5
16/5/2018 0:34	59.7	64.4	48.0
16/5/2018 0:39	60.3	64.8	49.3
16/5/2018 0:44	58.8	62.1	47.0
16/5/2018 0:49	62.2	67.6	47.0
16/5/2018 0:54	60.4	63.0	46.5
16/5/2018 0:59	60.9	65.6	47.4
16/5/2018 1:04	61.7	66.8	47.4
16/5/2018 1:09	59.9	63.9	46.7
16/5/2018 1:14	63.7	67.8	47.9
16/5/2018 1:19	59.7	64.6	47.2
16/5/2018 1:24	60.7	65.5	46.8
16/5/2018 1:29	55.5	58.1	46.3
16/5/2018 1:34	47.8	49.5	45.8
16/5/2018 1:39	53.5	57.3	46.1
16/5/2018 1:44	48.0	50.4	46.1
16/5/2018 1:49	54.2	58.0	46.4
16/5/2018 1:54	52.4	55.6	46.6
16/5/2018 1:59	47.8	49.9	45.6
16/5/2018 2:04	50.2	53.6	46.0
16/5/2018 2:09	51.3	54.7	46.3
16/5/2018 2:14	51.3	53.5	47.6
16/5/2018 2:19	52.8	56.6	45.8
16/5/2018 2:24	46.0	46.5	45.6
16/5/2018 2:29	46.9	48.7	45.5
16/5/2018 2:34	48.2	50.9	45.4
16/5/2018 2:39	49.8	53.5	45.7
16/5/2018 2:44	46.8	48.6	45.6
16/5/2018 2:49	46.0	46.7	45.4
16/5/2018 2:54	46.1	46.6	45.5
16/5/2018 2:59	49.2	53.0	45.3
16/5/2018 3:04	45.6	46.2	45.1
16/5/2018 3:09	51.6	54.7	46.0
16/5/2018 3:14	47.4	49.6	45.8
16/5/2018 3:19	50.2	54.0	45.8
16/5/2018 3:24	50.5	54.4	45.7
16/5/2018 3:29	53.1	56.6	45.7

Measured Noise Levels (dB(A)) at NMS-CA-1A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
16/5/2018 3:34	49.9	53.1	45.6
16/5/2018 3:39	55.3	59.7	45.9
16/5/2018 3:44	55.7	59.7	46.1
16/5/2018 3:49	52.6	56.8	45.8
16/5/2018 3:54	50.2	53.7	45.6
16/5/2018 3:59	51.6	55.9	45.6
16/5/2018 4:04	52.8	56.9	45.5
16/5/2018 4:09	51.9	55.1	45.4
16/5/2018 4:14	49.9	53.4	45.7
16/5/2018 4:19	50.2	54.1	45.6
16/5/2018 4:24	54.5	59.3	45.9
16/5/2018 4:29	50.8	52.9	46.2
16/5/2018 4:34	55.2	59.1	46.5
16/5/2018 4:39	50.4	54.0	46.3
16/5/2018 4:44	49.4	53.0	46.3
16/5/2018 4:49	48.5	49.9	46.2
16/5/2018 4:54	49.6	52.9	45.9
16/5/2018 4:59	50.1	53.1	46.3
16/5/2018 5:04	50.4	52.6	47.5
16/5/2018 5:09	55.1	59.8	46.5
16/5/2018 5:14	51.6	53.8	47.3
16/5/2018 5:19	50.1	52.2	46.7
16/5/2018 5:24	48.9	50.3	47.0
16/5/2018 5:29	50.2	53.3	47.4
16/5/2018 5:34	50.3	51.5	46.9
16/5/2018 5:39	49.6	52.1	47.0
16/5/2018 5:44	53.5	56.8	47.8
16/5/2018 5:49	53.9	58.0	48.1
16/5/2018 5:54	54.4	57.4	48.3
16/5/2018 5:59	52.5	54.8	48.4
16/5/2018 6:04	53.3	55.2	49.9
16/5/2018 6:09	53.7	56.2	48.2
16/5/2018 6:14	55.4	56.3	48.8
16/5/2018 6:19	55.3	58.2	48.9
16/5/2018 6:24	55.6	59.6	49.8
16/5/2018 6:29	52.2	54.5	48.8
16/5/2018 6:34	52.4	54.4	49.6
16/5/2018 6:39	57.9	61.3	50.6
16/5/2018 6:44	53.6	56.5	49.6
16/5/2018 6:49	57.0	60.6	51.6
16/5/2018 6:54	56.1	59.6	51.1
16/5/2018 6:59	54.9	56.6	52.3

Measured Noise Levels (dB(A)) at NMS-CA-1A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
16/5/2018 23:01	59.4	64.5	49.6
16/5/2018 23:06	58.2	62.4	48.5
16/5/2018 23:11	62.6	67.0	50.6
16/5/2018 23:16	52.6	55.4	47.0
16/5/2018 23:21	59.6	63.4	47.4
16/5/2018 23:26	57.7	59.1	47.2
16/5/2018 23:31	57.1	60.9	49.2
16/5/2018 23:36	56.9	60.2	49.1
16/5/2018 23:41	55.9	58.9	48.3
16/5/2018 23:46	56.9	60.4	48.1
16/5/2018 23:51	59.8	64.0	50.0
16/5/2018 23:56	60.5	63.0	50.0
17/5/2018 0:01	57.1	61.4	48.4
17/5/2018 0:06	57.3	61.7	50.5
17/5/2018 0:11	58.1	62.5	49.4
17/5/2018 0:16	62.2	67.2	47.9
17/5/2018 0:21	63.4	66.3	49.9
17/5/2018 0:26	64.4	69.2	49.2
17/5/2018 0:31	61.6	65.6	46.9
17/5/2018 0:36	48.3	49.9	46.3
17/5/2018 0:41	60.2	63.8	47.8
17/5/2018 0:46	61.7	66.9	46.5
17/5/2018 0:51	61.3	64.6	46.3
17/5/2018 0:56	62.3	67.0	49.4
17/5/2018 1:01	61.5	65.6	46.2
17/5/2018 1:06	62.0	66.5	46.9
17/5/2018 1:11	60.6	65.6	47.2
17/5/2018 1:16	59.1	64.3	46.2
17/5/2018 1:21	62.6	67.8	46.8
17/5/2018 1:26	54.4	57.3	45.5
17/5/2018 1:31	50.7	54.0	45.1
17/5/2018 1:36	57.1	60.0	45.0
17/5/2018 1:41	56.2	59.9	45.0
17/5/2018 1:46	59.8	62.8	44.5
17/5/2018 1:51	62.1	63.9	44.4
17/5/2018 1:56	49.0	49.8	44.3
17/5/2018 2:01	52.3	53.6	44.5
17/5/2018 2:06	57.3	60.2	44.4
17/5/2018 2:11	55.2	58.7	44.7
17/5/2018 2:16	46.1	48.0	44.5
17/5/2018 2:21	56.1	61.1	45.0
17/5/2018 2:26	60.4	64.7	45.1
17/5/2018 2:31	59.6	60.5	44.4
17/5/2018 2:36	51.7	55.6	44.8
17/5/2018 2:41	55.2	57.7	44.2
17/5/2018 2:46	59.9	64.4	44.7
17/5/2018 2:51	58.2	58.8	44.4
17/5/2018 2:56	52.5	55.7	43.9
17/5/2018 3:01	57.3	60.4	45.0
17/5/2018 3:06	45.2	46.1	44.1
17/5/2018 3:11	57.9	53.0	44.1
17/5/2018 3:16	50.5	52.4	44.4
17/5/2018 3:21	56.8	60.6	44.3
17/5/2018 3:26	56.2	55.7	44.5

Measured Noise Levels (dB(A)) at NMS-CA-1A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
17/5/2018 3:31	59.2	64.4	44.7
17/5/2018 3:36	60.5	65.8	46.1
17/5/2018 3:41	47.0	49.1	44.8
17/5/2018 3:46	61.9	66.6	45.2
17/5/2018 3:51	58.7	60.5	45.4
17/5/2018 3:56	59.4	62.0	45.0
17/5/2018 4:01	57.4	57.4	45.0
17/5/2018 4:06	56.4	58.7	44.5
17/5/2018 4:11	45.9	47.0	44.5
17/5/2018 4:16	64.7	68.4	45.0
17/5/2018 4:21	64.2	65.8	45.1
17/5/2018 4:26	46.8	48.1	45.2
17/5/2018 4:31	48.0	50.8	45.1
17/5/2018 4:36	46.8	48.6	44.8
17/5/2018 4:41	48.1	49.9	45.0
17/5/2018 4:46	47.8	50.4	45.2
17/5/2018 4:51	46.2	47.5	44.8
17/5/2018 4:56	46.7	48.5	44.8
17/5/2018 5:01	47.4	49.3	45.4
17/5/2018 5:06	48.5	50.7	45.4
17/5/2018 5:11	48.3	50.0	45.8
17/5/2018 5:16	53.0	57.6	46.4
17/5/2018 5:21	61.3	61.9	60.5
17/5/2018 5:26	61.8	62.5	61.3
17/5/2018 5:31	59.4	61.9	49.2
17/5/2018 5:36	53.6	54.6	48.2
17/5/2018 5:41	50.9	53.9	47.0
17/5/2018 5:46	53.7	55.1	48.1
17/5/2018 5:51	51.5	54.2	46.7
17/5/2018 5:56	54.7	57.7	47.5
17/5/2018 6:01	53.9	57.4	47.6
17/5/2018 6:06	52.5	54.6	49.5
17/5/2018 6:11	54.9	58.0	48.5
17/5/2018 6:16	54.1	55.8	48.4
17/5/2018 6:21	51.6	54.4	47.3
17/5/2018 6:26	55.2	59.5	48.3
17/5/2018 6:31	52.0	54.8	48.0
17/5/2018 6:36	52.2	54.1	50.0
17/5/2018 6:41	54.8	58.1	49.3
17/5/2018 6:46	54.2	57.2	49.0
17/5/2018 6:51	54.3	56.0	50.1
17/5/2018 6:56	56.6	60.4	51.4

Measured Noise Levels (dB(A)) at NMS-CA-1A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
17/5/2018 23:01	56.9	60.8	50.1
17/5/2018 23:06	54.8	57.4	50.2
17/5/2018 23:11	57.8	61.4	51.1
17/5/2018 23:16	52.9	56.2	48.1
17/5/2018 23:21	54.9	57.0	48.9
17/5/2018 23:26	64.6	58.5	47.7
17/5/2018 23:31	57.5	60.7	49.6
17/5/2018 23:36	53.1	54.7	49.3
17/5/2018 23:41	54.5	58.4	49.0
17/5/2018 23:46	56.1	58.7	48.1
17/5/2018 23:51	61.7	59.2	48.3
17/5/2018 23:56	59.1	61.8	49.1
18/5/2018 0:01	53.9	56.8	48.4
18/5/2018 0:06	55.2	57.4	48.4
18/5/2018 0:11	55.9	59.8	49.0
18/5/2018 0:16	54.1	55.6	47.5
18/5/2018 0:21	55.3	59.6	47.5
18/5/2018 0:26	54.4	57.6	48.5
18/5/2018 0:31	53.5	55.3	47.5
18/5/2018 0:36	55.3	59.0	48.1
18/5/2018 0:41	50.9	54.5	47.1
18/5/2018 0:46	48.9	50.8	47.1
18/5/2018 0:51	48.0	49.7	46.6
18/5/2018 0:56	51.1	54.3	46.8
18/5/2018 1:01	49.3	51.3	46.7
18/5/2018 1:06	49.5	51.2	47.3
18/5/2018 1:11	52.2	55.4	47.4
18/5/2018 1:16	48.1	49.6	46.7
18/5/2018 1:21	48.6	50.5	46.8
18/5/2018 1:26	52.1	55.6	47.0
18/5/2018 1:31	47.7	49.2	46.4
18/5/2018 1:36	47.9	49.5	46.3
18/5/2018 1:41	52.1	55.3	47.0
18/5/2018 1:46	49.1	50.8	47.1
18/5/2018 1:51	47.8	49.5	46.4
18/5/2018 1:56	50.2	52.4	46.3
18/5/2018 2:01	47.2	48.2	46.2
18/5/2018 2:06	51.0	54.1	46.1
18/5/2018 2:11	47.7	49.2	46.0
18/5/2018 2:16	48.6	51.5	46.2
18/5/2018 2:21	46.9	48.3	45.8
18/5/2018 2:26	47.5	49.3	46.0
18/5/2018 2:31	46.8	47.6	45.9
18/5/2018 2:36	47.3	48.3	46.0
18/5/2018 2:41	47.3	48.3	46.0
18/5/2018 2:46	48.8	51.0	46.0
18/5/2018 2:51	46.8	47.3	45.9
18/5/2018 2:56	46.9	48.2	46.0
18/5/2018 3:01	48.9	51.2	46.1
18/5/2018 3:06	46.9	48.1	46.0
18/5/2018 3:11	47.0	47.3	45.9
18/5/2018 3:16	49.5	53.0	45.9
18/5/2018 3:21	46.3	46.8	45.7
18/5/2018 3:26	46.7	47.6	45.9

Measured Noise Levels (dB(A)) at NMS-CA-1A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
18/5/2018 3:31	46.6	47.2	45.9
18/5/2018 3:36	47.1	48.4	45.9
18/5/2018 3:41	48.4	50.8	46.0
18/5/2018 3:46	47.0	48.5	45.9
18/5/2018 3:51	47.1	48.3	45.9
18/5/2018 3:56	49.0	52.5	46.2
18/5/2018 4:01	48.1	50.1	46.1
18/5/2018 4:06	46.7	47.6	45.8
18/5/2018 4:11	47.1	48.2	45.9
18/5/2018 4:16	46.8	47.4	45.9
18/5/2018 4:21	47.4	48.8	46.2
18/5/2018 4:26	47.2	48.7	46.0
18/5/2018 4:31	46.5	47.3	45.6
18/5/2018 4:36	47.3	48.7	46.0
18/5/2018 4:41	48.4	50.9	46.0
18/5/2018 4:46	48.2	50.6	46.1
18/5/2018 4:51	46.7	47.4	45.9
18/5/2018 4:56	48.4	50.6	46.1
18/5/2018 5:01	47.4	48.6	46.2
18/5/2018 5:06	48.2	49.6	46.8
18/5/2018 5:11	48.6	50.4	46.9
18/5/2018 5:16	51.7	54.1	46.8
18/5/2018 5:21	52.2	54.0	47.9
18/5/2018 5:26	49.8	51.7	47.7
18/5/2018 5:31	50.3	52.4	47.5
18/5/2018 5:36	51.4	54.2	47.2
18/5/2018 5:41	49.2	51.2	47.0
18/5/2018 5:46	53.4	56.6	47.1
18/5/2018 5:51	53.6	57.8	47.7
18/5/2018 5:56	53.9	55.9	48.9
18/5/2018 6:01	51.1	53.0	48.9
18/5/2018 6:06	54.3	55.9	51.6
18/5/2018 6:11	54.4	55.8	49.7
18/5/2018 6:16	55.1	58.4	49.8
18/5/2018 6:21	51.9	54.3	48.6
18/5/2018 6:26	55.7	58.4	51.0
18/5/2018 6:31	52.6	55.1	49.4
18/5/2018 6:36	53.8	56.9	49.5
18/5/2018 6:41	55.8	59.8	50.2
18/5/2018 6:46	55.7	59.2	49.7
18/5/2018 6:51	53.3	55.1	49.9
18/5/2018 6:56	56.3	59.3	51.2
<b>Average</b>	<b>62.1</b>		
<b>Min</b>	<b>44.1</b>		
<b>Max</b>	<b>83.2</b>		



Measured Noise Levels (dB(A)) at NMS-CA-2A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
4/5/2018 13:02	65.2	66.3	58.9	65.0
4/5/2018 13:07	62.9	65.7	58.8	
4/5/2018 13:12	65.3	67.5	59.9	
4/5/2018 13:17	65.1	68.1	59.0	
4/5/2018 13:22	65.6	67.9	59.8	
4/5/2018 13:27	65.3	68.2	59.9	64.5
4/5/2018 13:32	63.6	64.2	58.8	
4/5/2018 13:37	65.0	66.9	58.6	
4/5/2018 13:42	63.3	65.4	58.8	
4/5/2018 13:47	64.9	66.9	59.6	
4/5/2018 13:52	66.1	69.0	59.9	65.5
4/5/2018 13:57	63.6	66.4	59.0	
4/5/2018 14:02	68.0	66.4	58.9	
4/5/2018 14:07	66.0	68.6	59.5	
4/5/2018 14:12	63.4	66.0	58.7	
4/5/2018 14:17	64.5	67.1	59.2	65.9
4/5/2018 14:22	64.9	66.8	59.7	
4/5/2018 14:27	64.7	66.3	59.3	
4/5/2018 14:32	62.9	65.0	59.6	
4/5/2018 14:37	65.7	66.8	60.7	
4/5/2018 14:42	66.7	70.1	60.4	64.8
4/5/2018 14:47	65.7	69.0	60.4	
4/5/2018 14:52	66.0	69.5	60.5	
4/5/2018 14:57	67.2	70.9	60.0	
4/5/2018 15:02	66.0	68.9	60.0	
4/5/2018 15:07	64.5	66.7	60.0	65.7
4/5/2018 15:12	65.1	66.4	59.2	
4/5/2018 15:17	64.4	65.4	58.8	
4/5/2018 15:22	63.5	66.3	59.9	
4/5/2018 15:27	65.0	67.8	59.4	
4/5/2018 15:32	65.5	68.2	60.2	66.6
4/5/2018 15:37	67.1	70.5	61.4	
4/5/2018 15:42	65.6	68.1	59.4	
4/5/2018 15:47	65.7	68.5	58.9	
4/5/2018 15:52	65.1	67.5	59.0	
4/5/2018 15:57	64.5	66.9	60.0	65.4
4/5/2018 16:02	65.2	65.8	60.8	
4/5/2018 16:07	67.6	71.4	59.7	
4/5/2018 16:12	65.9	67.8	60.2	
4/5/2018 16:17	66.3	69.6	62.4	
4/5/2018 16:22	68.2	70.4	62.0	66.4
4/5/2018 16:27	65.8	68.2	60.8	
4/5/2018 16:32	63.0	65.4	60.0	
4/5/2018 16:37	65.6	67.9	59.5	
4/5/2018 16:42	66.4	69.0	61.1	
4/5/2018 16:47	63.9	66.2	60.6	66.4
4/5/2018 16:52	66.4	69.6	60.3	
4/5/2018 16:57	65.8	68.1	60.2	
4/5/2018 17:02	66.3	70.0	60.1	
4/5/2018 17:07	66.9	70.0	61.1	
4/5/2018 17:12	66.4	69.0	61.1	66.4
4/5/2018 17:17	66.7	68.6	61.3	
4/5/2018 17:22	66.1	68.5	61.4	
4/5/2018 17:27	65.7	67.2	61.2	

Measured Noise Levels (dB(A)) at NMS-CA-2A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
4/5/2018 17:32	65.3	67.6	60.4	65.7
4/5/2018 17:37	66.1	69.1	61.1	
4/5/2018 17:42	65.5	66.5	60.6	
4/5/2018 17:47	64.8	66.8	60.3	
4/5/2018 17:52	66.8	69.3	61.2	
4/5/2018 17:57	65.1	67.4	60.0	66.1
4/5/2018 18:02	65.0	68.1	60.4	
4/5/2018 18:07	66.2	68.1	60.3	
4/5/2018 18:12	65.6	67.9	61.3	
4/5/2018 18:17	66.7	70.1	60.9	
4/5/2018 18:22	67.4	69.7	61.2	65.7
4/5/2018 18:27	65.2	67.7	60.4	
4/5/2018 18:32	65.7	67.1	61.0	
4/5/2018 18:37	65.6	67.8	59.7	
4/5/2018 18:42	66.9	70.4	59.5	
4/5/2018 18:47	64.6	66.8	59.1	63.2
4/5/2018 18:52	65.6	67.1	59.4	
4/5/2018 18:57	65.3	67.3	58.6	
5/5/2018 7:02	62.6	59.2	55.1	
5/5/2018 7:07	60.1	61.9	57.8	
5/5/2018 7:12	64.5	67.2	57.0	63.8
5/5/2018 7:17	60.9	64.0	57.1	
5/5/2018 7:22	65.5	69.6	58.3	
5/5/2018 7:27	63.0	66.5	58.5	
5/5/2018 7:32	64.5	66.2	58.2	
5/5/2018 7:37	62.8	66.1	58.3	64.1
5/5/2018 7:42	65.9	68.3	58.8	
5/5/2018 7:47	62.6	65.7	58.5	
5/5/2018 7:52	64.1	65.4	58.4	
5/5/2018 7:57	61.5	64.7	58.6	
5/5/2018 8:02	64.9	67.7	59.0	64.2
5/5/2018 8:07	60.7	63.4	57.6	
5/5/2018 8:12	65.2	67.9	58.2	
5/5/2018 8:17	63.0	66.7	57.7	
5/5/2018 8:22	65.2	67.1	58.8	
5/5/2018 8:27	63.9	66.9	58.9	65.2
5/5/2018 8:32	65.8	68.6	59.5	
5/5/2018 8:37	62.5	66.2	58.5	
5/5/2018 8:42	65.0	67.9	58.4	
5/5/2018 8:47	63.3	66.2	59.5	
5/5/2018 8:52	64.8	66.8	59.2	65.6
5/5/2018 8:57	63.1	66.0	59.2	
5/5/2018 9:02	65.6	67.4	60.5	
5/5/2018 9:07	64.1	67.2	59.5	
5/5/2018 9:12	65.3	67.1	60.5	
5/5/2018 9:17	65.1	68.0	60.7	65.6
5/5/2018 9:22	66.1	67.6	61.1	
5/5/2018 9:27	64.9	67.5	61.3	
5/5/2018 9:32	66.0	68.5	60.7	
5/5/2018 9:37	65.4	68.7	60.4	
5/5/2018 9:42	67.0	69.6	60.7	65.6
5/5/2018 9:47	64.6	67.5	61.1	
5/5/2018 9:52	65.1	65.7	59.4	
5/5/2018 9:57	64.9	67.9	60.8	

Measured Noise Levels (dB(A)) at NMS-CA-2A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
5/5/2018 10:02	66.8	70.6	59.6	65.9
5/5/2018 10:07	65.3	67.3	59.0	
5/5/2018 10:12	66.5	69.7	60.1	
5/5/2018 10:17	64.3	67.1	59.3	
5/5/2018 10:22	65.5	67.2	60.9	
5/5/2018 10:27	66.5	69.3	60.9	66.0
5/5/2018 10:32	67.4	70.0	61.7	
5/5/2018 10:37	65.0	67.0	59.7	
5/5/2018 10:42	67.3	70.8	60.7	
5/5/2018 10:47	65.4	67.3	59.1	
5/5/2018 10:52	64.5	68.1	59.4	66.0
5/5/2018 10:57	65.6	68.2	61.4	
5/5/2018 11:02	67.6	69.9	61.3	
5/5/2018 11:07	65.8	68.8	60.5	
5/5/2018 11:12	65.3	67.6	60.2	
5/5/2018 11:17	64.3	66.5	60.4	64.9
5/5/2018 11:22	65.2	68.0	60.4	
5/5/2018 11:27	66.8	69.5	59.7	
5/5/2018 11:32	65.2	67.5	59.4	
5/5/2018 11:37	64.9	66.4	59.6	
5/5/2018 11:42	63.7	66.5	59.2	64.9
5/5/2018 11:47	65.5	68.2	58.8	
5/5/2018 11:52	65.0	67.6	59.1	
5/5/2018 11:57	64.9	66.8	58.5	
5/5/2018 12:02	66.4	70.1	58.1	
5/5/2018 12:07	63.3	66.5	57.6	64.9
5/5/2018 12:12	64.1	66.2	56.9	
5/5/2018 12:17	65.6	68.4	58.9	
5/5/2018 12:22	65.0	67.2	58.9	
5/5/2018 12:27	64.4	67.7	59.8	
5/5/2018 12:32	68.7	71.6	58.8	66.7
5/5/2018 12:37	65.5	68.8	58.0	
5/5/2018 12:42	64.8	67.0	58.2	
5/5/2018 12:47	65.7	68.5	59.3	
5/5/2018 12:52	65.1	68.6	58.4	
5/5/2018 12:57	68.5	72.1	59.0	65.6
5/5/2018 13:02	64.5	66.0	56.9	
5/5/2018 13:07	65.5	67.9	58.1	
5/5/2018 13:12	63.6	65.4	59.5	
5/5/2018 13:17	65.8	67.8	60.6	
5/5/2018 13:22	67.1	70.8	61.1	66.0
5/5/2018 13:27	66.0	68.2	61.0	
5/5/2018 13:32	65.7	68.7	61.2	
5/5/2018 13:37	66.3	68.8	59.6	
5/5/2018 13:42	65.7	67.9	60.2	
5/5/2018 13:47	65.9	68.3	60.4	65.7
5/5/2018 13:52	67.0	70.8	60.4	
5/5/2018 13:57	65.5	68.1	60.4	
5/5/2018 14:02	65.3	67.3	59.6	
5/5/2018 14:07	65.8	68.1	60.3	
5/5/2018 14:12	65.9	68.4	60.3	65.7
5/5/2018 14:17	65.3	68.3	60.9	
5/5/2018 14:22	65.4	66.9	60.4	
5/5/2018 14:27	66.5	68.2	61.4	

Measured Noise Levels (dB(A)) at NMS-CA-2A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
5/5/2018 14:32	67.7	70.0	64.7	66.4
5/5/2018 14:37	65.7	68.8	61.1	
5/5/2018 14:42	66.7	69.5	60.3	
5/5/2018 14:47	65.3	66.6	60.4	
5/5/2018 14:52	65.7	67.0	59.5	
5/5/2018 14:57	66.7	70.1	60.4	66.2
5/5/2018 15:02	66.6	69.0	60.5	
5/5/2018 15:07	65.7	68.9	60.2	
5/5/2018 15:12	66.6	69.3	60.3	
5/5/2018 15:17	65.7	66.2	60.2	
5/5/2018 15:22	65.9	69.0	61.0	65.5
5/5/2018 15:27	66.6	69.6	59.7	
5/5/2018 15:32	66.2	69.0	60.1	
5/5/2018 15:37	66.2	68.9	59.7	
5/5/2018 15:42	63.7	65.7	59.5	
5/5/2018 15:47	65.5	67.0	60.2	65.6
5/5/2018 15:52	66.0	68.0	60.5	
5/5/2018 15:57	65.0	66.3	60.1	
5/5/2018 16:02	65.4	67.2	60.0	
5/5/2018 16:07	66.0	69.3	60.9	
5/5/2018 16:12	65.2	66.4	60.2	65.6
5/5/2018 16:17	66.0	68.9	60.0	
5/5/2018 16:22	66.5	69.3	59.0	
5/5/2018 16:27	64.1	67.2	59.7	
5/5/2018 16:32	66.2	69.6	59.0	
5/5/2018 16:37	69.9	71.5	61.3	67.3
5/5/2018 16:42	68.7	70.9	61.8	
5/5/2018 16:47	65.0	67.8	60.4	
5/5/2018 16:52	66.4	69.6	60.0	
5/5/2018 16:57	65.1	66.8	60.0	
5/5/2018 17:02	66.8	70.3	60.6	65.8
5/5/2018 17:07	64.8	68.1	60.3	
5/5/2018 17:12	65.2	67.1	59.3	
5/5/2018 17:17	65.8	68.5	60.3	
5/5/2018 17:22	66.3	69.2	60.2	
5/5/2018 17:27	65.4	67.4	60.3	64.9
5/5/2018 17:32	66.4	70.3	59.8	
5/5/2018 17:37	64.4	65.6	59.6	
5/5/2018 17:42	64.0	62.1	59.3	
5/5/2018 17:47	65.3	67.7	59.2	
5/5/2018 17:52	64.1	67.6	59.3	64.9
5/5/2018 17:57	65.0	67.7	59.7	
5/5/2018 18:02	64.0	63.8	58.9	
5/5/2018 18:07	65.0	67.1	59.2	
5/5/2018 18:12	65.1	68.4	59.2	
5/5/2018 18:17	63.1	66.3	59.3	64.5
5/5/2018 18:22	64.9	67.1	59.1	
5/5/2018 18:27	64.8	66.7	59.5	
5/5/2018 18:32	64.7	66.2	58.5	
5/5/2018 18:37	63.9	67.6	57.9	
5/5/2018 18:42	65.2	67.7	58.4	64.7
5/5/2018 18:47	64.6	66.7	57.8	
5/5/2018 18:52	65.2	67.7	58.7	
5/5/2018 18:57	64.6	67.2	57.8	

Measured Noise Levels (dB(A)) at NMS-CA-2A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
7/5/2018 7:02	62.5	59.9	56.8	64.0
7/5/2018 7:07	64.6	66.4	57.8	
7/5/2018 7:12	63.5	62.1	58.1	
7/5/2018 7:17	61.5	63.7	57.6	
7/5/2018 7:22	64.3	62.4	58.3	
7/5/2018 7:27	66.2	66.9	59.8	64.6
7/5/2018 7:32	63.8	61.9	59.0	
7/5/2018 7:37	64.4	65.8	58.8	
7/5/2018 7:42	66.2	68.3	59.4	
7/5/2018 7:47	61.9	64.2	59.0	
7/5/2018 7:52	64.7	64.0	59.4	64.6
7/5/2018 7:57	65.2	66.7	59.3	
7/5/2018 8:02	61.6	63.5	58.5	
7/5/2018 8:07	63.9	63.8	58.1	
7/5/2018 8:12	65.4	67.2	59.6	
7/5/2018 8:17	62.6	63.8	58.9	64.3
7/5/2018 8:22	67.1	67.9	59.5	
7/5/2018 8:27	64.7	62.9	59.4	
7/5/2018 8:32	65.2	65.7	60.1	
7/5/2018 8:37	63.7	65.4	60.3	
7/5/2018 8:42	64.1	62.6	59.5	64.6
7/5/2018 8:47	65.1	66.1	59.4	
7/5/2018 8:52	62.3	63.9	59.5	
7/5/2018 8:57	64.6	65.6	59.0	
7/5/2018 9:02	64.5	62.6	58.9	
7/5/2018 9:07	65.5	66.8	58.7	65.0
7/5/2018 9:12	63.2	64.7	59.3	
7/5/2018 9:17	64.6	64.1	59.3	
7/5/2018 9:22	66.3	68.1	59.0	
7/5/2018 9:27	62.5	64.7	58.6	
7/5/2018 9:32	64.3	62.5	58.7	64.5
7/5/2018 9:37	64.6	64.3	59.3	
7/5/2018 9:42	64.7	65.6	58.8	
7/5/2018 9:47	65.9	67.3	58.6	
7/5/2018 9:52	65.0	65.3	58.3	
7/5/2018 9:57	65.2	66.5	59.5	63.9
7/5/2018 10:02	66.9	70.3	58.5	
7/5/2018 10:07	60.7	62.2	58.4	
7/5/2018 10:12	64.8	65.9	58.4	
7/5/2018 10:17	64.5	66.4	58.1	
7/5/2018 10:22	62.8	63.6	57.3	63.8
7/5/2018 10:27	64.7	64.5	58.7	
7/5/2018 10:32	64.7	66.9	57.5	
7/5/2018 10:37	61.0	62.6	58.3	
7/5/2018 10:42	64.2	63.5	58.8	
7/5/2018 10:47	64.3	62.6	58.3	64.3
7/5/2018 10:52	64.2	68.0	59.4	
7/5/2018 10:57	64.0	63.6	58.4	
7/5/2018 11:02	64.3	63.2	58.3	
7/5/2018 11:07	64.3	64.3	58.3	
7/5/2018 11:12	63.4	65.8	58.3	64.3
7/5/2018 11:17	64.1	64.2	58.1	
7/5/2018 11:22	64.7	64.4	59.0	
7/5/2018 11:27	61.4	64.4	57.9	

Measured Noise Levels (dB(A)) at NMS-CA-2A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
7/5/2018 11:32	64.1	62.2	58.1	63.8
7/5/2018 11:37	64.2	65.4	57.5	
7/5/2018 11:42	64.1	61.9	56.8	
7/5/2018 11:47	62.6	65.1	57.9	
7/5/2018 11:52	63.6	63.5	57.4	
7/5/2018 11:57	64.1	63.9	56.8	63.6
7/5/2018 12:02	61.4	61.1	57.2	
7/5/2018 12:07	63.8	63.5	57.6	
7/5/2018 12:12	65.2	65.8	57.0	
7/5/2018 12:17	63.9	67.4	57.3	
7/5/2018 12:22	63.0	61.0	56.5	65.4
7/5/2018 12:27	63.5	61.7	57.5	
7/5/2018 12:32	64.8	66.2	57.7	
7/5/2018 12:37	59.4	61.4	56.4	
7/5/2018 12:42	66.4	69.7	58.0	
7/5/2018 12:47	66.5	67.3	57.6	64.1
7/5/2018 12:52	65.9	67.8	57.8	
7/5/2018 12:57	66.1	67.2	56.5	
7/5/2018 13:02	64.0	61.7	56.8	
7/5/2018 13:07	62.3	63.1	58.8	
7/5/2018 13:12	64.2	63.1	59.1	63.1
7/5/2018 13:17	66.2	68.8	59.4	
7/5/2018 13:22	63.9	64.2	58.9	
7/5/2018 13:27	62.6	65.8	58.7	
7/5/2018 13:32	63.7	63.0	58.5	
7/5/2018 13:37	63.9	62.0	57.7	65.5
7/5/2018 13:42	60.8	61.8	56.7	
7/5/2018 13:47	63.4	63.3	58.6	
7/5/2018 13:52	64.4	64.8	58.5	
7/5/2018 13:57	61.3	62.7	58.0	
7/5/2018 14:02	62.8	61.1	58.1	64.9
7/5/2018 14:07	64.6	66.6	59.0	
7/5/2018 14:12	64.8	65.0	58.1	
7/5/2018 14:17	66.4	69.7	60.3	
7/5/2018 14:22	67.8	69.9	58.8	
7/5/2018 14:27	64.7	65.5	57.8	63.4
7/5/2018 14:32	62.2	63.0	58.5	
7/5/2018 14:37	63.7	63.0	57.9	
7/5/2018 14:42	65.2	67.0	58.5	
7/5/2018 14:47	62.3	65.6	58.7	
7/5/2018 14:52	67.9	68.8	58.4	64.3
7/5/2018 14:57	65.3	67.4	58.9	
7/5/2018 15:02	64.1	64.9	57.8	
7/5/2018 15:07	61.5	64.2	57.9	
7/5/2018 15:12	64.5	65.2	58.2	
7/5/2018 15:17	63.5	64.2	57.7	64.3
7/5/2018 15:22	62.1	65.1	58.5	
7/5/2018 15:27	63.8	63.7	58.3	
7/5/2018 15:32	64.1	63.3	57.3	
7/5/2018 15:37	62.9	65.4	58.9	
7/5/2018 15:42	65.9	67.7	58.7	64.3
7/5/2018 15:47	63.8	65.0	58.5	
7/5/2018 15:52	64.1	62.9	58.9	
7/5/2018 15:57	64.5	68.0	57.8	

Measured Noise Levels (dB(A)) at NMS-CA-2A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
7/5/2018 16:02	65.5	66.7	58.9	65.7
7/5/2018 16:07	67.5	71.4	58.7	
7/5/2018 16:12	63.8	65.7	58.1	
7/5/2018 16:17	66.6	67.3	59.2	
7/5/2018 16:22	64.7	65.5	58.9	
7/5/2018 16:27	64.7	64.4	58.7	
7/5/2018 16:32	64.6	65.3	58.4	64.1
7/5/2018 16:37	63.2	64.3	58.3	
7/5/2018 16:42	64.8	63.3	58.9	
7/5/2018 16:47	64.7	66.1	58.3	
7/5/2018 16:52	60.1	61.7	57.1	
7/5/2018 16:57	65.5	67.8	58.8	
7/5/2018 17:04	63.2	62.5	58.4	63.9
7/5/2018 17:09	64.2	65.2	58.5	
7/5/2018 17:14	64.2	67.7	58.1	
7/5/2018 17:19	63.6	63.9	58.1	
7/5/2018 17:24	64.3	64.7	58.3	
7/5/2018 17:29	63.9	63.4	58.1	
7/5/2018 17:34	64.6	63.5	58.7	64.1
7/5/2018 17:39	64.3	64.6	57.9	
7/5/2018 17:44	61.8	61.9	58.5	
7/5/2018 17:49	65.1	66.7	57.9	
7/5/2018 17:54	64.4	63.3	58.1	
7/5/2018 17:59	63.8	63.8	57.8	
7/5/2018 18:04	64.1	62.3	58.2	64.1
7/5/2018 18:09	64.4	64.3	59.0	
7/5/2018 18:14	61.7	61.6	58.4	
7/5/2018 18:19	64.7	66.0	58.4	
7/5/2018 18:24	65.3	66.5	58.0	
7/5/2018 18:29	63.5	65.9	57.9	
7/5/2018 18:34	61.3	61.5	57.2	63.8
7/5/2018 18:39	64.3	65.6	58.2	
7/5/2018 18:44	64.4	62.6	58.0	
7/5/2018 18:49	64.3	65.1	57.9	
7/5/2018 18:54	64.0	62.8	59.8	
7/5/2018 18:59	64.0	63.5	57.6	
8/5/2018 7:04	64.1	63.2	59.7	63.5
8/5/2018 7:09	62.6	64.0	60.6	
8/5/2018 7:14	64.0	63.3	60.0	
8/5/2018 7:19	63.7	64.0	59.0	
8/5/2018 7:24	61.6	62.0	59.2	
8/5/2018 7:29	64.2	66.6	59.9	
8/5/2018 7:34	64.7	66.4	59.5	64.5
8/5/2018 7:39	64.7	66.7	60.4	
8/5/2018 7:44	64.9	66.6	59.9	
8/5/2018 7:49	63.9	67.3	59.6	
8/5/2018 7:54	64.2	64.8	59.6	
8/5/2018 7:59	64.3	67.2	60.3	
8/5/2018 8:04	62.8	65.0	59.8	63.9
8/5/2018 8:09	63.8	65.4	58.8	
8/5/2018 8:14	65.0	67.9	59.3	
8/5/2018 8:19	62.9	66.2	59.8	
8/5/2018 8:24	63.7	64.2	60.2	
8/5/2018 8:29	64.6	65.7	59.8	

Measured Noise Levels (dB(A)) at NMS-CA-2A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
8/5/2018 8:34	65.3	66.9	60.9	65.0
8/5/2018 8:39	66.5	69.4	61.1	
8/5/2018 8:44	63.4	64.8	60.7	
8/5/2018 8:49	64.9	66.5	59.6	
8/5/2018 8:54	65.5	68.3	59.5	
8/5/2018 8:59	64.0	66.2	59.8	
8/5/2018 9:04	65.7	67.4	61.1	65.6
8/5/2018 9:09	66.5	69.3	60.5	
8/5/2018 9:14	64.3	67.4	59.9	
8/5/2018 9:19	65.3	67.8	60.1	
8/5/2018 9:24	65.2	67.5	60.9	
8/5/2018 9:29	66.4	68.6	60.3	
8/5/2018 9:34	65.6	67.7	60.7	70.9
8/5/2018 9:39	65.3	67.9	59.7	
8/5/2018 9:44	66.1	68.2	61.2	
8/5/2018 9:49	67.5	69.9	60.7	
8/5/2018 9:54	77.3	76.8	62.2	
8/5/2018 9:59	65.9	68.7	60.2	
8/5/2018 10:04	66.9	70.0	61.7	66.5
8/5/2018 10:09	67.3	70.8	60.6	
8/5/2018 10:14	66.3	69.2	60.4	
8/5/2018 10:19	65.8	68.5	60.4	
8/5/2018 10:24	66.5	69.2	61.3	
8/5/2018 10:29	65.9	68.7	62.1	
8/5/2018 10:34	67.1	70.1	61.7	65.9
8/5/2018 10:39	65.0	67.8	60.8	
8/5/2018 10:44	66.6	69.3	61.9	
8/5/2018 10:49	65.6	67.4	61.4	
8/5/2018 10:54	66.6	68.4	62.0	
8/5/2018 10:59	64.0	66.9	60.8	
8/5/2018 11:04	65.4	67.2	60.1	65.4
8/5/2018 11:09	67.0	69.8	61.5	
8/5/2018 11:14	63.8	66.4	59.7	
8/5/2018 11:19	64.7	67.3	58.9	
8/5/2018 11:24	64.3	66.9	58.6	
8/5/2018 11:29	66.5	70.3	58.9	
8/5/2018 11:34	62.6	65.3	58.5	64.0
8/5/2018 11:39	63.6	64.8	58.1	
8/5/2018 11:44	64.6	66.7	58.5	
8/5/2018 11:49	63.5	66.3	58.6	
8/5/2018 11:54	64.0	66.0	58.6	
8/5/2018 11:59	65.4	67.6	58.9	
8/5/2018 12:04	65.4	67.4	59.5	64.9
8/5/2018 12:09	64.1	67.8	59.2	
8/5/2018 12:14	65.3	67.3	59.5	
8/5/2018 12:19	64.3	67.3	58.1	
8/5/2018 12:24	65.2	69.3	58.3	
8/5/2018 12:29	65.0	67.6	58.0	
8/5/2018 12:34	64.6	67.4	57.4	64.2
8/5/2018 12:39	62.6	66.1	56.3	
8/5/2018 12:44	64.2	65.7	56.4	
8/5/2018 12:49	64.2	67.4	56.1	
8/5/2018 12:54	64.2	67.4	56.0	
8/5/2018 12:59	64.9	68.3	59.0	

Measured Noise Levels (dB(A)) at NMS-CA-2A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
8/5/2018 13:04	65.8	68.0	61.6	65.5
8/5/2018 13:09	66.1	69.1	61.4	
8/5/2018 13:14	65.7	70.1	57.0	
8/5/2018 13:19	64.6	67.0	57.9	
8/5/2018 13:24	66.5	69.8	60.0	
8/5/2018 13:29	63.6	66.6	57.8	64.4
8/5/2018 13:34	63.6	65.3	56.2	
8/5/2018 13:39	63.2	65.6	56.4	
8/5/2018 13:44	66.1	69.9	56.9	
8/5/2018 13:49	63.4	67.5	56.0	
8/5/2018 13:54	64.5	66.4	58.3	64.0
8/5/2018 13:59	64.7	67.2	57.9	
8/5/2018 14:04	61.2	63.3	56.9	
8/5/2018 14:09	64.2	66.4	56.8	
8/5/2018 14:14	64.6	67.1	57.0	
8/5/2018 14:19	65.4	68.0	57.6	62.9
8/5/2018 14:24	63.4	66.4	57.2	
8/5/2018 14:29	64.2	67.4	56.5	
8/5/2018 14:34	65.6	69.9	56.1	
8/5/2018 14:39	62.4	65.9	56.6	
8/5/2018 14:44	62.3	62.3	56.6	62.7
8/5/2018 14:49	63.0	63.5	55.7	
8/5/2018 14:54	59.6	59.0	56.0	
8/5/2018 14:59	62.6	63.6	56.8	
8/5/2018 15:04	65.1	67.9	57.3	
8/5/2018 15:09	60.5	62.4	56.4	63.6
8/5/2018 15:14	63.0	60.0	56.3	
8/5/2018 15:19	62.8	62.8	56.7	
8/5/2018 15:24	62.8	59.8	56.9	
8/5/2018 15:29	60.3	60.7	56.7	
8/5/2018 15:34	61.8	60.3	56.9	63.6
8/5/2018 15:39	63.3	64.4	56.6	
8/5/2018 15:44	66.7	71.7	56.8	
8/5/2018 15:49	60.0	62.6	57.0	
8/5/2018 15:54	63.6	60.9	57.3	
8/5/2018 15:59	63.1	63.9	58.0	63.6
8/5/2018 16:04	61.3	60.9	58.5	
8/5/2018 16:09	64.4	66.3	58.7	
8/5/2018 16:14	64.2	62.9	59.2	
8/5/2018 16:19	61.7	62.1	58.5	
8/5/2018 16:24	63.3	61.2	58.0	62.8
8/5/2018 16:29	65.2	68.4	58.2	
8/5/2018 16:34	64.4	66.7	57.7	
8/5/2018 16:39	60.3	61.9	56.9	
8/5/2018 16:44	61.6	59.2	55.9	
8/5/2018 16:49	62.4	63.9	55.6	66.2
8/5/2018 16:54	62.2	66.8	55.8	
8/5/2018 16:59	64.6	66.9	56.8	
8/5/2018 17:04	64.3	65.9	57.8	
8/5/2018 17:09	65.1	67.0	59.2	
8/5/2018 17:14	66.4	70.6	61.0	66.2
8/5/2018 17:19	67.8	71.5	60.6	
8/5/2018 17:24	66.7	69.4	61.6	
8/5/2018 17:29	65.9	68.6	60.5	

Measured Noise Levels (dB(A)) at NMS-CA-2A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
8/5/2018 17:34	65.7	66.1	60.9	65.6
8/5/2018 17:39	65.8	67.3	61.1	
8/5/2018 17:44	63.2	65.6	59.6	
8/5/2018 17:49	65.9	68.6	60.0	
8/5/2018 17:54	65.0	66.1	60.1	
8/5/2018 17:59	67.3	70.3	60.4	65.7
8/5/2018 18:04	65.6	67.0	60.1	
8/5/2018 18:09	65.7	68.9	59.4	
8/5/2018 18:14	64.4	67.3	60.2	
8/5/2018 18:19	65.8	68.1	60.6	
8/5/2018 18:24	66.7	69.9	61.3	64.9
8/5/2018 18:29	65.9	68.9	59.8	
8/5/2018 18:34	64.9	66.3	59.3	
8/5/2018 18:39	64.2	67.2	59.3	
8/5/2018 18:44	65.6	68.2	59.3	
8/5/2018 18:49	65.6	67.7	60.1	63.4
8/5/2018 18:54	64.5	64.5	59.4	
8/5/2018 18:59	64.7	67.0	58.2	
9/5/2018 7:04	64.1	63.9	58.8	
9/5/2018 7:09	61.1	62.8	58.7	
9/5/2018 7:14	64.0	64.0	59.1	64.8
9/5/2018 7:19	63.0	63.8	60.3	
9/5/2018 7:24	63.7	62.4	59.7	
9/5/2018 7:29	64.0	66.1	58.9	
9/5/2018 7:34	64.6	65.6	59.3	
9/5/2018 7:39	65.2	67.5	60.0	65.4
9/5/2018 7:44	65.0	66.3	60.0	
9/5/2018 7:49	63.2	66.1	59.2	
9/5/2018 7:54	64.5	65.3	60.5	
9/5/2018 7:59	65.7	67.3	61.5	
9/5/2018 8:04	64.0	66.8	59.9	65.3
9/5/2018 8:09	65.5	67.9	60.0	
9/5/2018 8:14	65.2	66.5	60.4	
9/5/2018 8:19	63.8	66.4	60.2	
9/5/2018 8:24	66.7	68.9	61.2	
9/5/2018 8:29	66.2	67.6	61.3	66.1
9/5/2018 8:34	66.8	68.2	60.9	
9/5/2018 8:39	66.9	69.6	60.5	
9/5/2018 8:44	63.6	66.1	59.8	
9/5/2018 8:49	65.2	67.6	59.3	
9/5/2018 8:54	64.4	65.0	59.2	65.5
9/5/2018 8:59	63.9	66.4	60.0	
9/5/2018 9:04	64.8	66.3	59.9	
9/5/2018 9:09	65.1	67.6	59.4	
9/5/2018 9:14	63.6	66.1	59.8	
9/5/2018 9:19	68.0	70.6	60.3	65.5
9/5/2018 9:24	67.8	70.4	60.6	
9/5/2018 9:29	65.7	68.5	59.0	
9/5/2018 9:34	66.1	68.1	60.1	
9/5/2018 9:39	64.7	67.0	59.8	
9/5/2018 9:44	64.9	68.2	59.0	65.5
9/5/2018 9:49	64.3	67.3	59.8	
9/5/2018 9:54	66.1	69.2	59.7	
9/5/2018 9:59	66.2	69.2	60.4	

Measured Noise Levels (dB(A)) at NMS-CA-2A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
9/5/2018 10:04	65.2	67.2	60.6	66.8
9/5/2018 10:09	65.2	68.4	60.3	
9/5/2018 10:14	68.6	72.0	61.8	
9/5/2018 10:19	66.4	69.1	61.1	
9/5/2018 10:24	67.5	70.3	61.9	
9/5/2018 10:29	67.0	70.3	60.6	66.1
9/5/2018 10:34	65.2	66.0	60.6	
9/5/2018 10:39	66.0	69.4	60.3	
9/5/2018 10:44	65.1	66.8	60.9	
9/5/2018 10:49	66.8	69.3	62.3	
9/5/2018 10:54	66.8	68.6	63.3	66.1
9/5/2018 10:59	66.1	68.1	63.1	
9/5/2018 11:04	66.1	67.5	63.1	
9/5/2018 11:09	66.1	66.2	63.1	
9/5/2018 11:14	65.7	67.3	63.3	
9/5/2018 11:19	66.5	67.4	63.4	66.3
9/5/2018 11:24	66.1	67.8	62.0	
9/5/2018 11:29	66.1	68.0	62.1	
9/5/2018 11:34	66.5	69.7	62.5	
9/5/2018 11:39	66.0	67.3	61.9	
9/5/2018 11:44	66.1	67.1	62.5	66.3
9/5/2018 11:49	66.2	69.0	61.9	
9/5/2018 11:54	66.2	68.3	62.5	
9/5/2018 11:59	66.9	69.9	62.4	
9/5/2018 12:04	65.7	66.1	62.3	
9/5/2018 12:09	64.2	67.2	61.4	65.4
9/5/2018 12:14	65.2	65.0	61.5	
9/5/2018 12:19	66.8	68.2	62.6	
9/5/2018 12:24	64.0	65.2	61.3	
9/5/2018 12:29	65.7	66.6	62.5	
9/5/2018 12:34	66.4	68.2	61.7	67.8
9/5/2018 12:39	68.5	71.7	63.2	
9/5/2018 12:44	68.0	69.8	62.2	
9/5/2018 12:49	68.7	70.8	62.2	
9/5/2018 12:54	67.8	70.4	63.0	
9/5/2018 12:59	66.6	68.8	62.3	65.4
9/5/2018 13:04	66.1	68.1	59.1	
9/5/2018 13:09	66.0	68.5	61.5	
9/5/2018 13:14	64.5	65.9	60.8	
9/5/2018 13:19	64.4	64.9	60.6	
9/5/2018 13:24	65.1	65.6	60.9	66.3
9/5/2018 13:29	65.8	68.3	62.0	
9/5/2018 13:34	64.6	65.6	61.3	
9/5/2018 13:39	67.3	70.7	63.3	
9/5/2018 13:44	66.7	68.4	63.0	
9/5/2018 13:49	66.2	68.7	62.9	66.7
9/5/2018 13:54	65.6	65.9	62.4	
9/5/2018 13:59	66.6	68.1	63.3	
9/5/2018 14:04	67.9	69.1	63.2	
9/5/2018 14:09	65.7	66.9	62.6	
9/5/2018 14:14	65.5	66.9	61.9	66.7
9/5/2018 14:19	67.9	71.6	62.6	
9/5/2018 14:24	66.3	68.9	63.1	
9/5/2018 14:29	66.5	68.2	61.8	

Measured Noise Levels (dB(A)) at NMS-CA-2A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
9/5/2018 14:34	65.9	67.4	62.5	66.6
9/5/2018 14:39	65.3	66.9	62.4	
9/5/2018 14:44	65.1	65.9	61.5	
9/5/2018 14:49	66.0	68.4	62.0	
9/5/2018 14:54	65.9	67.7	63.2	
9/5/2018 14:59	69.5	72.3	63.6	66.6
9/5/2018 15:04	67.5	69.2	64.0	
9/5/2018 15:09	67.0	68.9	64.1	
9/5/2018 15:14	66.8	68.3	62.7	
9/5/2018 15:19	66.7	67.9	63.6	
9/5/2018 15:24	66.0	66.4	61.8	67.1
9/5/2018 15:29	65.0	67.1	61.8	
9/5/2018 15:34	67.4	70.2	62.4	
9/5/2018 15:39	67.8	70.9	63.6	
9/5/2018 15:44	65.0	66.8	61.8	
9/5/2018 15:49	66.9	68.7	62.8	66.1
9/5/2018 15:54	66.7	68.4	62.2	
9/5/2018 15:59	68.3	69.8	63.1	
9/5/2018 16:04	65.1	66.0	62.7	
9/5/2018 16:09	65.8	67.0	62.4	
9/5/2018 16:14	66.2	66.4	62.4	66.1
9/5/2018 16:19	66.0	67.5	62.2	
9/5/2018 16:24	66.1	67.6	62.7	
9/5/2018 16:29	67.2	68.5	62.5	
9/5/2018 16:34	66.2	67.4	62.3	
9/5/2018 16:39	65.3	66.9	62.7	66.3
9/5/2018 16:44	65.8	66.5	62.2	
9/5/2018 16:49	66.3	67.3	62.5	
9/5/2018 16:54	68.0	66.8	62.4	
9/5/2018 16:59	65.8	66.6	61.9	
9/5/2018 17:04	65.7	66.5	62.8	66.0
9/5/2018 17:09	66.6	68.7	61.1	
9/5/2018 17:14	64.5	66.5	61.5	
9/5/2018 17:19	65.8	66.2	62.3	
9/5/2018 17:24	66.2	66.7	62.8	
9/5/2018 17:29	66.8	69.0	62.6	66.0
9/5/2018 17:34	66.3	68.2	61.9	
9/5/2018 17:39	66.4	67.9	62.4	
9/5/2018 17:44	64.7	66.1	61.7	
9/5/2018 17:49	65.6	66.2	61.8	
9/5/2018 17:54	65.8	67.2	62.1	65.9
9/5/2018 17:59	66.9	69.6	61.7	
9/5/2018 18:04	66.2	67.4	62.2	
9/5/2018 18:09	65.5	66.7	62.5	
9/5/2018 18:14	64.6	66.4	62.0	
9/5/2018 18:19	66.2	68.7	61.6	65.9
9/5/2018 18:24	66.3	66.6	62.6	
9/5/2018 18:29	66.6	68.2	62.8	
9/5/2018 18:34	66.9	69.9	62.5	
9/5/2018 18:39	64.7	66.4	61.2	
9/5/2018 18:44	66.5	68.2	62.4	65.9
9/5/2018 18:49	66.0	67.7	61.5	
9/5/2018 18:54	65.4	65.8	60.7	
9/5/2018 18:59	65.6	66.8	61.2	

Measured Noise Levels (dB(A)) at NMS-CA-2A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
10/5/2018 7:04	65.8	65.9	61.5	65.8
10/5/2018 7:09	64.3	66.1	62.5	
10/5/2018 7:14	65.8	66.1	62.1	
10/5/2018 7:19	66.3	67.0	62.7	
10/5/2018 7:24	65.4	66.3	62.9	
10/5/2018 7:29	66.6	68.0	63.2	
10/5/2018 7:34	66.9	67.9	63.8	66.5
10/5/2018 7:39	66.8	68.0	63.1	
10/5/2018 7:44	66.4	66.8	63.4	
10/5/2018 7:49	65.7	67.4	63.6	
10/5/2018 7:54	67.0	68.3	63.3	
10/5/2018 7:59	66.2	67.4	62.9	
10/5/2018 8:04	66.0	66.6	62.2	66.3
10/5/2018 8:09	66.7	69.1	63.6	
10/5/2018 8:14	66.8	67.7	63.6	
10/5/2018 8:19	65.4	66.7	62.6	
10/5/2018 8:24	65.7	67.1	62.9	
10/5/2018 8:29	67.2	69.0	63.4	
10/5/2018 8:34	67.2	68.3	63.7	67.0
10/5/2018 8:39	67.2	68.4	65.8	
10/5/2018 8:41	66.4	66.5	63.3	
10/5/2018 8:46	66.9	67.7	63.6	
10/5/2018 8:51	65.7	67.4	63.1	
10/5/2018 8:56	68.0	71.0	63.0	
10/5/2018 9:01	66.9	68.0	62.9	66.0
10/5/2018 9:06	65.2	66.6	62.5	
10/5/2018 9:11	66.5	67.7	62.5	
10/5/2018 9:16	66.2	67.1	62.1	
10/5/2018 9:21	65.4	66.6	62.2	
10/5/2018 9:26	65.5	66.2	62.4	
10/5/2018 9:31	66.3	66.9	61.5	66.0
10/5/2018 9:36	65.8	66.6	62.7	
10/5/2018 9:41	65.2	67.7	61.7	
10/5/2018 9:46	66.4	69.6	61.8	
10/5/2018 9:51	66.3	67.7	62.2	
10/5/2018 9:56	65.9	66.2	62.5	
10/5/2018 10:01	66.2	68.2	61.7	66.4
10/5/2018 10:06	66.6	69.5	62.3	
10/5/2018 10:11	66.5	68.2	61.9	
10/5/2018 10:16	66.5	69.7	62.0	
10/5/2018 10:21	66.5	69.2	62.4	
10/5/2018 10:26	66.0	66.4	61.9	
10/5/2018 10:31	66.6	70.0	62.1	66.3
10/5/2018 10:36	65.5	65.7	61.3	
10/5/2018 10:41	66.9	69.2	62.8	
10/5/2018 10:46	66.5	67.6	63.2	
10/5/2018 10:51	65.8	68.4	62.1	
10/5/2018 10:56	66.1	67.3	62.4	
10/5/2018 11:01	68.0	72.0	62.9	66.6
10/5/2018 11:06	64.8	66.7	62.3	
10/5/2018 11:11	66.9	68.2	62.6	
10/5/2018 11:16	67.0	68.1	63.0	
10/5/2018 11:21	67.3	68.3	63.1	
10/5/2018 11:26	64.7	66.6	62.5	

Measured Noise Levels (dB(A)) at NMS-CA-2A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
10/5/2018 11:31	66.9	68.8	62.8	66.4
10/5/2018 11:36	66.0	66.7	61.9	
10/5/2018 11:41	66.0	68.2	63.0	
10/5/2018 11:46	65.8	67.2	61.6	
10/5/2018 11:51	66.6	68.8	62.3	
10/5/2018 11:56	66.9	70.1	60.9	
10/5/2018 12:01	64.7	67.0	61.4	65.5
10/5/2018 12:06	65.8	67.6	60.8	
10/5/2018 12:11	66.0	67.6	61.1	
10/5/2018 12:16	64.1	65.4	61.3	
10/5/2018 12:21	65.4	67.0	61.0	
10/5/2018 12:26	66.4	68.8	61.4	
10/5/2018 12:31	64.1	65.8	60.7	65.4
10/5/2018 12:36	65.3	66.5	61.5	
10/5/2018 12:41	67.1	70.9	61.8	
10/5/2018 12:46	65.5	67.0	60.3	
10/5/2018 12:51	64.4	67.2	61.1	
10/5/2018 12:56	65.5	67.0	61.1	
10/5/2018 13:01	66.1	68.9	60.4	66.2
10/5/2018 13:06	64.3	66.9	61.0	
10/5/2018 13:11	65.5	68.2	60.4	
10/5/2018 13:16	67.4	70.2	61.9	
10/5/2018 13:21	64.9	67.6	61.5	
10/5/2018 13:26	67.8	70.6	61.3	
10/5/2018 13:31	66.4	67.8	61.5	66.0
10/5/2018 13:36	66.4	68.6	61.9	
10/5/2018 13:41	64.3	66.2	62.0	
10/5/2018 13:46	66.1	67.0	61.7	
10/5/2018 13:51	66.0	69.0	60.8	
10/5/2018 13:56	66.3	69.3	61.6	
10/5/2018 14:01	65.0	66.1	61.8	66.3
10/5/2018 14:06	67.4	70.3	61.8	
10/5/2018 14:11	64.7	66.2	61.8	
10/5/2018 14:16	65.5	66.2	62.3	
10/5/2018 14:21	67.9	72.0	62.4	
10/5/2018 14:26	66.0	66.9	62.3	
10/5/2018 14:31	65.5	67.8	62.5	66.0
10/5/2018 14:36	65.9	66.5	62.2	
10/5/2018 14:41	66.4	67.4	62.0	
10/5/2018 14:46	64.6	66.5	62.0	
10/5/2018 14:51	66.4	68.3	62.3	
10/5/2018 14:56	67.0	68.8	62.9	
10/5/2018 15:01	65.9	68.3	62.7	66.4
10/5/2018 15:06	65.9	67.0	61.9	
10/5/2018 15:11	67.4	69.7	63.2	
10/5/2018 15:16	67.0	69.1	62.9	
10/5/2018 15:21	65.2	67.3	61.8	
10/5/2018 15:26	66.8	67.6	62.9	
10/5/2018 15:31	67.0	68.8	62.5	66.4
10/5/2018 15:36	65.8	67.4	63.4	
10/5/2018 15:41	66.6	68.0	62.9	
10/5/2018 15:46	68.5	72.3	62.0	
10/5/2018 15:51	64.8	66.2	62.1	
10/5/2018 15:56	64.7	64.5	61.3	

Measured Noise Levels (dB(A)) at NMS-CA-2A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
10/5/2018 16:01	66.2	68.2	61.8	65.5
10/5/2018 16:06	66.1	67.1	61.4	
10/5/2018 16:11	64.2	65.4	61.9	
10/5/2018 16:16	65.5	66.8	61.4	
10/5/2018 16:21	66.2	67.5	61.8	
10/5/2018 16:26	64.4	66.1	61.4	
10/5/2018 16:31	65.4	65.7	61.2	65.3
10/5/2018 16:36	65.6	66.0	61.6	
10/5/2018 16:41	65.9	67.9	61.1	
10/5/2018 16:46	63.8	66.0	61.0	
10/5/2018 16:51	65.1	64.7	61.0	
10/5/2018 16:56	65.7	66.3	61.2	
10/5/2018 17:01	63.9	65.9	60.6	65.2
10/5/2018 17:06	64.4	65.2	60.5	
10/5/2018 17:11	65.9	68.4	60.7	
10/5/2018 17:16	64.8	66.6	60.2	
10/5/2018 17:21	67.3	71.2	60.6	
10/5/2018 17:26	64.1	66.1	61.0	
10/5/2018 17:31	65.6	66.7	61.1	65.5
10/5/2018 17:36	65.1	64.3	60.8	
10/5/2018 17:41	64.9	65.8	61.0	
10/5/2018 17:46	66.0	68.1	61.1	
10/5/2018 17:51	65.5	68.2	61.3	
10/5/2018 17:56	65.7	67.0	61.4	
10/5/2018 18:01	66.3	69.1	61.5	66.6
10/5/2018 18:06	67.0	70.5	61.7	
10/5/2018 18:11	66.7	69.1	61.6	
10/5/2018 18:16	67.7	69.9	61.3	
10/5/2018 18:21	64.8	66.6	61.7	
10/5/2018 18:26	66.3	67.5	62.5	
10/5/2018 18:31	66.1	68.1	61.8	66.0
10/5/2018 18:36	65.2	66.3	61.6	
10/5/2018 18:41	66.3	68.6	61.8	
10/5/2018 18:46	64.7	66.9	61.4	
10/5/2018 18:51	66.9	68.4	62.3	
10/5/2018 18:56	66.4	67.7	61.0	
11/5/2018 7:01	63.2	62.5	58.3	63.5
11/5/2018 7:06	64.3	65.5	58.5	
11/5/2018 7:11	61.3	62.9	59.0	
11/5/2018 7:16	63.7	64.6	58.4	
11/5/2018 7:21	63.3	62.9	58.4	
11/5/2018 7:26	64.6	65.5	60.1	
11/5/2018 7:31	60.9	62.0	59.4	64.1
11/5/2018 7:36	65.7	67.0	59.7	
11/5/2018 7:41	64.2	66.1	59.4	
11/5/2018 7:46	65.1	66.2	60.0	
11/5/2018 7:51	64.4	65.7	59.3	
11/5/2018 7:56	63.0	65.6	59.9	
11/5/2018 8:01	64.9	67.4	59.9	64.7
11/5/2018 8:06	64.6	66.5	59.5	
11/5/2018 8:11	64.0	66.2	60.1	
11/5/2018 8:16	65.6	67.1	60.4	
11/5/2018 8:21	64.0	64.4	60.0	
11/5/2018 8:26	64.6	65.0	59.9	

Measured Noise Levels (dB(A)) at NMS-CA-2A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
11/5/2018 8:31	64.8	68.1	60.7	64.8
11/5/2018 8:36	64.7	66.5	60.4	
11/5/2018 8:41	66.4	68.6	59.9	
11/5/2018 8:46	65.5	67.3	60.3	
11/5/2018 8:51	62.1	63.7	59.6	
11/5/2018 8:56	64.4	65.1	59.5	
11/5/2018 9:01	64.9	66.7	59.2	65.4
11/5/2018 9:06	62.7	64.5	58.9	
11/5/2018 9:11	66.8	69.5	60.6	
11/5/2018 9:16	65.8	68.3	59.7	
11/5/2018 9:21	66.3	69.6	60.0	
11/5/2018 9:26	65.1	68.2	60.2	
11/5/2018 9:31	65.6	66.8	60.6	66.1
11/5/2018 9:36	65.3	68.2	60.0	
11/5/2018 9:41	65.5	68.7	60.1	
11/5/2018 9:46	66.1	69.1	59.7	
11/5/2018 9:51	67.6	72.2	59.9	
11/5/2018 9:56	65.8	68.5	60.8	
11/5/2018 10:01	64.9	67.0	59.0	65.8
11/5/2018 10:06	64.4	67.1	60.5	
11/5/2018 10:11	67.0	71.3	61.0	
11/5/2018 10:16	66.1	67.4	61.9	
11/5/2018 10:21	65.7	68.1	62.9	
11/5/2018 10:26	66.1	68.0	62.4	
11/5/2018 10:31	64.7	67.0	61.7	69.6
11/5/2018 10:36	67.1	69.6	63.1	
11/5/2018 10:41	69.3	73.5	62.9	
11/5/2018 10:46	73.0	74.3	72.0	
11/5/2018 10:51	71.5	72.9	64.8	
11/5/2018 10:56	65.6	68.8	60.4	
11/5/2018 11:01	65.6	67.4	60.2	65.1
11/5/2018 11:06	63.7	66.0	60.4	
11/5/2018 11:11	64.7	65.9	60.8	
11/5/2018 11:16	65.1	66.3	60.1	
11/5/2018 11:21	65.9	68.1	60.5	
11/5/2018 11:26	65.1	67.6	61.5	
11/5/2018 11:31	66.1	68.5	60.7	65.2
11/5/2018 11:36	65.2	66.8	60.4	
11/5/2018 11:41	64.6	67.5	60.3	
11/5/2018 11:46	65.7	67.8	60.7	
11/5/2018 11:51	65.0	66.2	59.3	
11/5/2018 11:56	64.5	67.7	60.2	
11/5/2018 12:01	64.2	66.2	59.1	65.0
11/5/2018 12:06	67.0	71.3	59.3	
11/5/2018 12:11	64.9	66.7	59.5	
11/5/2018 12:16	63.4	66.1	58.7	
11/5/2018 12:21	64.5	66.7	58.9	
11/5/2018 12:26	64.9	66.0	58.8	
11/5/2018 12:31	63.7	66.5	59.2	65.8
11/5/2018 12:36	66.3	69.5	59.7	
11/5/2018 12:41	65.6	67.7	59.9	
11/5/2018 12:46	65.1	68.7	59.1	
11/5/2018 12:51	67.1	70.8	60.4	
11/5/2018 12:56	66.2	68.6	61.1	



Measured Noise Levels (dB(A)) at NMS-CA-2A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
11/5/2018 13:01	65.8	66.8	60.7	64.9
11/5/2018 13:06	63.8	67.0	59.7	
11/5/2018 13:11	64.5	66.2	59.9	
11/5/2018 13:16	65.2	67.4	59.4	
11/5/2018 13:21	63.7	65.9	60.2	
11/5/2018 13:26	65.7	68.5	60.2	
11/5/2018 13:31	66.4	68.2	60.7	66.2
11/5/2018 13:36	65.7	68.5	59.9	
11/5/2018 13:41	63.5	66.5	59.6	
11/5/2018 13:46	67.5	71.6	60.5	
11/5/2018 13:51	67.4	69.9	60.5	
11/5/2018 13:56	65.8	69.2	59.7	
11/5/2018 14:01	64.3	66.1	59.3	64.8
11/5/2018 14:06	65.8	68.6	59.2	
11/5/2018 14:11	63.1	65.5	59.3	
11/5/2018 14:16	64.6	67.1	59.5	
11/5/2018 14:21	65.6	68.3	60.1	
11/5/2018 14:26	65.1	67.2	59.3	
11/5/2018 14:31	62.3	65.4	59.1	64.3
11/5/2018 14:36	64.7	66.8	58.5	
11/5/2018 14:41	64.6	66.9	58.5	
11/5/2018 14:46	62.9	65.3	59.6	
11/5/2018 14:51	65.1	66.7	58.8	
11/5/2018 14:56	65.4	68.8	58.8	
11/5/2018 15:01	65.2	68.5	59.9	65.9
11/5/2018 15:06	66.7	68.8	63.1	
11/5/2018 15:11	66.0	66.9	60.4	
11/5/2018 15:16	66.5	68.1	61.7	
11/5/2018 15:21	64.4	67.5	61.2	
11/5/2018 15:26	65.9	68.4	61.4	
11/5/2018 15:31	66.2	68.7	60.5	65.6
11/5/2018 15:36	63.9	66.3	60.3	
11/5/2018 15:41	65.9	68.4	60.9	
11/5/2018 15:46	67.5	72.3	60.4	
11/5/2018 15:51	66.3	69.7	60.3	
11/5/2018 15:56	62.1	64.4	59.3	
11/5/2018 16:01	65.1	67.3	60.0	66.4
11/5/2018 16:06	69.2	73.6	60.7	
11/5/2018 16:11	64.4	67.3	59.7	
11/5/2018 16:16	65.4	67.0	59.8	
11/5/2018 16:21	66.8	70.4	60.8	
11/5/2018 16:26	65.3	67.9	61.2	
11/5/2018 16:31	67.4	70.4	60.5	66.3
11/5/2018 16:36	67.3	69.5	60.5	
11/5/2018 16:41	66.2	68.3	60.4	
11/5/2018 16:46	64.0	66.4	60.7	
11/5/2018 16:51	66.1	69.3	59.1	
11/5/2018 16:56	66.1	68.7	59.6	
11/5/2018 17:01	65.9	69.6	60.3	65.6
11/5/2018 17:06	65.2	66.8	60.7	
11/5/2018 17:11	66.7	69.4	61.0	
11/5/2018 17:16	65.9	67.9	60.9	
11/5/2018 17:21	64.4	65.6	59.9	
11/5/2018 17:26	64.9	65.3	60.6	

Measured Noise Levels (dB(A)) at NMS-CA-2A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
11/5/2018 17:31	65.8	69.2	60.5	65.3
11/5/2018 17:36	65.1	65.4	60.7	
11/5/2018 17:41	65.1	67.3	60.5	
11/5/2018 17:46	65.6	68.3	60.0	
11/5/2018 17:51	63.8	65.6	60.5	
11/5/2018 17:56	65.9	68.4	60.0	
11/5/2018 18:01	67.6	70.1	60.0	65.4
11/5/2018 18:06	64.4	66.3	59.5	
11/5/2018 18:11	64.7	66.6	59.6	
11/5/2018 18:16	65.3	67.2	59.7	
11/5/2018 18:21	65.3	67.8	59.2	
11/5/2018 18:26	63.9	66.7	59.8	
11/5/2018 18:31	65.0	66.8	59.2	65.2
11/5/2018 18:36	66.1	68.7	60.5	
11/5/2018 18:41	65.4	67.4	59.9	
11/5/2018 18:46	65.2	67.4	59.4	
11/5/2018 18:51	63.0	64.6	59.3	
11/5/2018 18:56	65.7	68.3	59.2	
12/5/2018 7:01	62.7	63.3	57.0	62.0
12/5/2018 7:06	60.8	63.3	56.8	
12/5/2018 7:11	63.3	66.0	57.0	
12/5/2018 7:16	58.6	59.6	56.5	
12/5/2018 7:21	64.0	66.6	56.6	
12/5/2018 7:26	60.2	63.3	56.4	
12/5/2018 7:31	63.8	65.7	57.8	63.2
12/5/2018 7:36	61.7	64.7	58.4	
12/5/2018 7:41	64.0	66.6	57.4	
12/5/2018 7:46	62.0	65.5	57.3	
12/5/2018 7:51	64.7	67.3	59.1	
12/5/2018 7:56	61.7	64.6	57.7	
12/5/2018 8:01	64.7	68.0	58.9	63.7
12/5/2018 8:06	61.1	63.8	57.7	
12/5/2018 8:11	63.8	66.0	58.2	
12/5/2018 8:16	61.6	63.6	58.9	
12/5/2018 8:21	65.4	67.9	60.4	
12/5/2018 8:26	63.8	66.5	59.2	
12/5/2018 8:31	64.3	66.3	58.5	64.2
12/5/2018 8:36	61.2	63.9	58.2	
12/5/2018 8:41	65.6	69.1	58.9	
12/5/2018 8:46	63.2	66.0	59.0	
12/5/2018 8:51	65.6	67.6	60.5	
12/5/2018 8:56	64.0	66.5	61.6	
12/5/2018 9:01	65.8	68.3	61.0	64.9
12/5/2018 9:06	64.4	66.5	60.4	
12/5/2018 9:11	65.6	68.7	59.6	
12/5/2018 9:16	63.2	65.6	59.3	
12/5/2018 9:21	66.5	69.5	59.6	
12/5/2018 9:26	62.2	65.4	58.1	
12/5/2018 9:31	65.3	67.5	59.7	64.4
12/5/2018 9:36	61.9	64.8	58.4	
12/5/2018 9:41	65.1	67.8	59.3	
12/5/2018 9:46	63.2	65.8	58.5	
12/5/2018 9:51	66.1	69.0	58.7	
12/5/2018 9:56	63.6	67.1	58.9	

Measured Noise Levels (dB(A)) at NMS-CA-2A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
12/5/2018 10:01	65.6	67.6	57.6	65.5
12/5/2018 10:06	65.4	69.1	59.3	
12/5/2018 10:11	65.4	67.0	59.0	
12/5/2018 10:16	66.1	68.0	59.5	
12/5/2018 10:21	64.7	67.2	59.1	
12/5/2018 10:26	65.9	67.8	59.8	
12/5/2018 10:31	64.4	66.9	58.6	64.5
12/5/2018 10:36	65.7	68.0	59.5	
12/5/2018 10:41	64.5	66.8	57.9	
12/5/2018 10:46	62.3	66.1	58.2	
12/5/2018 10:51	64.8	67.3	58.8	
12/5/2018 10:56	64.4	66.5	58.0	
12/5/2018 11:01	66.1	69.3	57.3	64.9
12/5/2018 11:06	66.0	68.3	58.6	
12/5/2018 11:11	63.7	66.7	58.6	
12/5/2018 11:16	64.8	66.4	56.6	
12/5/2018 11:21	63.5	62.4	57.1	
12/5/2018 11:26	64.4	63.1	58.6	
12/5/2018 11:31	61.2	61.2	57.5	63.6
12/5/2018 11:36	63.6	62.9	58.0	
12/5/2018 11:41	63.2	63.0	56.7	
12/5/2018 11:46	62.7	61.9	57.5	
12/5/2018 11:51	63.8	62.9	58.1	
12/5/2018 11:56	65.6	69.5	58.8	
12/5/2018 12:01	63.0	62.4	58.2	63.4
12/5/2018 12:06	63.4	63.0	58.2	
12/5/2018 12:11	64.4	64.2	58.7	
12/5/2018 12:16	63.9	64.0	57.9	
12/5/2018 12:21	61.7	61.8	58.3	
12/5/2018 12:26	63.3	62.0	58.5	
12/5/2018 12:31	63.0	63.1	57.4	63.1
12/5/2018 12:36	63.2	62.7	57.9	
12/5/2018 12:41	62.0	63.6	58.3	
12/5/2018 12:46	63.4	61.8	57.7	
12/5/2018 12:51	63.2	62.9	59.0	
12/5/2018 12:56	63.6	64.9	58.7	
12/5/2018 13:01	63.8	64.2	57.9	63.5
12/5/2018 13:06	61.6	62.7	57.8	
12/5/2018 13:11	63.9	63.8	57.7	
12/5/2018 13:16	63.4	62.1	58.3	
12/5/2018 13:21	64.8	67.1	58.1	
12/5/2018 13:26	63.1	65.6	59.0	
12/5/2018 13:31	64.9	68.2	58.4	64.2
12/5/2018 13:36	63.3	62.0	58.6	
12/5/2018 13:41	63.6	62.3	58.3	
12/5/2018 13:46	63.8	62.1	58.3	
12/5/2018 13:51	63.0	64.3	58.9	
12/5/2018 13:56	66.0	67.6	62.5	
12/5/2018 14:01	63.7	64.6	58.9	64.0
12/5/2018 14:06	63.9	64.5	58.7	
12/5/2018 14:11	62.1	63.0	58.6	
12/5/2018 14:16	63.9	63.3	58.9	
12/5/2018 14:21	65.9	68.2	59.3	
12/5/2018 14:26	63.9	62.8	58.7	

Measured Noise Levels (dB(A)) at NMS-CA-2A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
12/5/2018 14:31	61.3	61.9	57.8	63.1
12/5/2018 14:36	63.2	62.5	59.4	
12/5/2018 14:41	63.8	63.3	58.4	
12/5/2018 14:46	63.8	63.6	58.2	
12/5/2018 14:51	61.7	61.7	58.7	
12/5/2018 14:56	64.0	62.3	58.3	
12/5/2018 15:01	65.2	67.0	58.4	63.8
12/5/2018 15:06	63.7	62.5	58.4	
12/5/2018 15:11	63.7	64.9	58.4	
12/5/2018 15:16	62.0	62.9	58.9	
12/5/2018 15:21	63.9	63.4	58.4	
12/5/2018 15:26	63.6	62.6	58.6	
12/5/2018 15:31	63.5	63.9	58.1	63.2
12/5/2018 15:36	61.6	61.8	58.8	
12/5/2018 15:41	62.8	63.2	58.6	
12/5/2018 15:46	64.9	68.3	58.0	
12/5/2018 15:51	63.9	64.0	58.6	
12/5/2018 15:56	61.8	62.1	58.9	
12/5/2018 16:01	63.6	63.8	58.4	63.7
12/5/2018 16:06	63.4	61.6	58.5	
12/5/2018 16:11	64.3	67.0	58.3	
12/5/2018 16:16	63.8	62.3	58.1	
12/5/2018 16:21	62.8	65.2	58.0	
12/5/2018 16:26	64.3	65.8	57.9	
12/5/2018 16:31	65.6	68.0	57.8	65.4
12/5/2018 16:36	63.0	66.0	58.3	
12/5/2018 16:41	66.2	69.3	59.1	
12/5/2018 16:46	66.2	70.7	57.7	
12/5/2018 16:51	64.4	66.6	58.2	
12/5/2018 16:56	65.9	68.1	59.5	
12/5/2018 17:01	64.5	68.2	58.6	65.6
12/5/2018 17:06	64.8	65.5	59.9	
12/5/2018 17:11	65.6	68.3	60.3	
12/5/2018 17:16	65.6	67.8	60.5	
12/5/2018 17:21	64.9	66.7	59.1	
12/5/2018 17:26	67.4	72.9	59.0	
12/5/2018 17:31	66.2	69.6	59.0	65.7
12/5/2018 17:36	67.2	70.8	59.6	
12/5/2018 17:41	65.1	67.3	59.1	
12/5/2018 17:46	63.9	66.9	58.4	
12/5/2018 17:51	66.4	69.9	58.5	
12/5/2018 17:56	64.5	65.5	58.9	
12/5/2018 18:01	64.4	65.4	58.5	64.3
12/5/2018 18:06	65.2	67.5	58.6	
12/5/2018 18:11	61.6	64.0	58.7	
12/5/2018 18:16	64.4	65.6	58.3	
12/5/2018 18:21	65.1	68.0	58.7	
12/5/2018 18:26	64.4	68.5	58.3	
12/5/2018 18:31	66.0	68.9	58.1	64.7
12/5/2018 18:36	64.8	66.5	57.4	
12/5/2018 18:41	65.8	68.0	58.4	
12/5/2018 18:46	65.3	67.7	57.9	
12/5/2018 18:51	61.8	64.1	57.5	
12/5/2018 18:56	63.3	60.8	57.4	

Measured Noise Levels (dB(A)) at NMS-CA-2A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
14/5/2018 7:01	61.6	61.4	55.3	62.0
14/5/2018 7:06	63.6	66.4	56.5	
14/5/2018 7:11	57.5	59.0	55.7	
14/5/2018 7:16	62.5	63.0	56.4	
14/5/2018 7:21	61.9	60.3	56.5	
14/5/2018 7:26	62.6	63.1	55.3	
14/5/2018 7:31	61.3	59.1	54.2	
14/5/2018 7:36	62.5	61.0	54.5	61.4
14/5/2018 7:41	59.3	58.1	55.3	
14/5/2018 7:46	62.0	63.4	55.2	
14/5/2018 7:51	63.0	64.6	55.8	
14/5/2018 7:56	59.1	59.0	57.2	
14/5/2018 8:01	62.8	61.1	58.0	
14/5/2018 8:06	61.8	59.5	57.1	
14/5/2018 8:11	63.6	66.2	59.1	63.2
14/5/2018 8:16	63.1	64.2	58.1	
14/5/2018 8:21	62.5	61.4	57.3	
14/5/2018 8:26	64.6	67.3	58.5	
14/5/2018 8:31	60.9	62.8	56.4	
14/5/2018 8:36	62.0	59.8	55.9	
14/5/2018 8:41	62.6	61.2	55.3	
14/5/2018 8:46	59.3	59.4	55.8	62.4
14/5/2018 8:51	65.5	70.3	57.2	
14/5/2018 8:56	61.4	58.5	55.1	
14/5/2018 9:01	61.7	61.5	55.2	
14/5/2018 9:06	59.1	58.7	55.2	
14/5/2018 9:11	61.4	61.1	55.3	
14/5/2018 9:16	61.9	61.8	55.3	
14/5/2018 9:21	59.7	60.2	56.3	61.2
14/5/2018 9:26	62.5	62.7	55.7	
14/5/2018 9:31	64.1	67.1	56.9	
14/5/2018 9:36	63.7	65.3	57.1	
14/5/2018 9:41	61.9	65.2	56.6	
14/5/2018 9:46	64.5	67.5	57.0	
14/5/2018 9:51	67.4	71.7	56.7	
14/5/2018 9:56	63.0	62.7	56.9	64.5
14/5/2018 10:01	64.3	66.4	57.8	
14/5/2018 10:06	61.7	64.7	56.6	
14/5/2018 10:11	63.0	64.0	56.0	
14/5/2018 10:16	63.1	65.5	55.6	
14/5/2018 10:21	60.5	63.9	56.1	
14/5/2018 10:26	62.2	63.4	55.7	
14/5/2018 10:31	64.3	67.9	56.5	62.6
14/5/2018 10:36	61.6	59.5	55.7	
14/5/2018 10:41	63.6	66.1	56.1	
14/5/2018 10:46	62.1	59.6	55.9	
14/5/2018 10:51	59.5	60.2	55.6	
14/5/2018 10:56	62.4	65.5	56.5	
14/5/2018 11:01	63.1	64.6	55.2	
14/5/2018 11:06	58.9	59.7	55.3	62.5
14/5/2018 11:11	61.7	61.3	55.5	
14/5/2018 11:16	63.9	67.3	55.7	
14/5/2018 11:21	68.3	71.3	58.0	
14/5/2018 11:26	64.8	66.5	58.9	

Measured Noise Levels (dB(A)) at NMS-CA-2A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
14/5/2018 11:31	61.6	62.6	54.9	61.9
14/5/2018 11:36	61.9	60.6	54.3	
14/5/2018 11:41	59.1	60.2	54.8	
14/5/2018 11:46	61.2	58.6	55.1	
14/5/2018 11:51	62.2	62.5	55.2	
14/5/2018 11:56	64.1	66.2	57.1	
14/5/2018 12:01	59.1	61.4	56.3	
14/5/2018 12:06	62.6	61.7	55.3	61.6
14/5/2018 12:11	61.7	61.7	55.6	
14/5/2018 12:16	61.0	63.3	55.9	
14/5/2018 12:21	61.9	61.7	55.2	
14/5/2018 12:26	62.3	61.0	55.2	
14/5/2018 12:31	59.3	59.7	55.2	
14/5/2018 12:36	61.2	59.6	55.2	
14/5/2018 12:41	63.0	64.1	56.2	61.1
14/5/2018 12:46	62.1	60.9	55.1	
14/5/2018 12:51	58.0	57.6	54.9	
14/5/2018 12:56	61.1	59.8	54.2	
14/5/2018 13:01	61.3	61.1	53.9	
14/5/2018 13:06	58.3	59.5	54.9	
14/5/2018 13:11	61.2	60.3	54.8	
14/5/2018 13:16	61.3	60.9	54.5	60.5
14/5/2018 13:21	61.7	60.9	55.1	
14/5/2018 13:26	57.4	58.5	55.4	
14/5/2018 13:31	63.3	66.2	55.9	
14/5/2018 13:36	61.8	62.4	55.2	
14/5/2018 13:41	57.3	58.4	55.2	
14/5/2018 13:46	62.5	63.9	55.4	
14/5/2018 13:51	62.1	60.7	55.0	61.3
14/5/2018 13:56	57.6	56.8	54.0	
14/5/2018 14:01	61.5	60.5	55.6	
14/5/2018 14:06	64.0	68.4	55.7	
14/5/2018 14:11	59.2	58.8	55.7	
14/5/2018 14:16	61.5	58.4	55.2	
14/5/2018 14:21	61.4	60.7	55.5	
14/5/2018 14:26	62.0	60.3	55.6	61.8
14/5/2018 14:31	59.1	58.0	55.4	
14/5/2018 14:36	61.7	58.8	55.9	
14/5/2018 14:41	61.8	60.4	55.1	
14/5/2018 14:46	58.1	58.8	56.1	
14/5/2018 14:51	62.3	58.6	55.7	
14/5/2018 14:56	64.4	66.2	55.7	
14/5/2018 15:01	61.8	65.1	55.9	61.7
14/5/2018 15:06	62.1	59.7	56.4	
14/5/2018 15:11	62.5	59.9	55.8	
14/5/2018 15:16	62.7	61.5	56.1	
14/5/2018 15:21	59.3	59.4	56.3	
14/5/2018 15:26	61.6	59.0	56.3	
14/5/2018 15:31	62.5	61.0	55.5	
14/5/2018 15:36	63.8	65.5	56.3	61.8
14/5/2018 15:41	62.0	58.3	56.6	
14/5/2018 15:46	62.7	62.1	55.8	
14/5/2018 15:51	63.1	61.7	56.3	
14/5/2018 15:56	59.5	61.4	57.5	

Measured Noise Levels (dB(A)) at NMS-CA-2A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
14/5/2018 16:01	63.1	63.3	57.3	62.6
14/5/2018 16:06	62.8	59.7	55.7	
14/5/2018 16:11	61.1	60.5	56.2	
14/5/2018 16:16	61.0	60.0	56.8	
14/5/2018 16:21	63.8	62.2	58.6	
14/5/2018 16:26	62.9	62.7	57.1	
14/5/2018 16:31	60.9	60.5	57.4	63.2
14/5/2018 16:36	62.8	62.3	56.3	
14/5/2018 16:41	63.6	59.5	56.7	
14/5/2018 16:46	59.2	60.1	57.1	
14/5/2018 16:51	63.5	63.0	56.6	
14/5/2018 16:56	66.2	69.1	57.9	
14/5/2018 17:01	61.2	62.8	57.4	63.0
14/5/2018 17:06	62.8	62.1	57.1	
14/5/2018 17:11	63.6	65.1	56.9	
14/5/2018 17:16	62.5	60.7	58.0	
14/5/2018 17:21	63.5	63.4	57.5	
14/5/2018 17:26	63.7	65.3	58.7	
14/5/2018 17:31	61.5	61.1	58.7	62.8
14/5/2018 17:36	63.8	63.3	58.1	
14/5/2018 17:41	63.4	62.7	56.7	
14/5/2018 17:46	61.4	59.2	56.7	
14/5/2018 17:51	63.8	65.7	56.6	
14/5/2018 17:56	61.9	58.8	55.8	
14/5/2018 18:01	60.7	60.1	56.1	62.4
14/5/2018 18:06	63.9	65.2	57.4	
14/5/2018 18:11	62.9	61.4	57.1	
14/5/2018 18:16	63.6	63.2	55.6	
14/5/2018 18:21	62.4	62.8	55.2	
14/5/2018 18:26	59.5	60.2	54.8	
14/5/2018 18:31	62.7	62.9	56.5	62.3
14/5/2018 18:36	63.1	62.1	56.3	
14/5/2018 18:41	63.2	62.7	56.8	
14/5/2018 18:46	62.0	60.6	56.9	
14/5/2018 18:51	62.6	59.3	56.2	
14/5/2018 18:56	59.1	58.9	55.7	
15/5/2018 7:01	61.5	58.9	56.2	62.6
15/5/2018 7:06	63.9	64.8	57.0	
15/5/2018 7:11	58.8	60.7	57.1	
15/5/2018 7:16	63.3	62.9	56.3	
15/5/2018 7:21	62.7	62.5	56.9	
15/5/2018 7:26	63.8	65.1	57.6	
15/5/2018 7:31	65.4	66.3	56.4	62.8
15/5/2018 7:36	63.3	64.1	56.6	
15/5/2018 7:41	60.9	62.2	57.0	
15/5/2018 7:46	62.5	64.5	56.7	
15/5/2018 7:51	63.1	61.9	56.7	
15/5/2018 7:56	58.3	59.3	56.5	
15/5/2018 8:01	63.4	62.0	56.9	62.6
15/5/2018 8:06	62.0	59.4	56.1	
15/5/2018 8:11	60.6	61.4	56.9	
15/5/2018 8:16	63.3	62.9	57.3	
15/5/2018 8:21	63.1	63.1	57.2	
15/5/2018 8:26	62.3	60.7	57.5	

Measured Noise Levels (dB(A)) at NMS-CA-2A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
15/5/2018 8:31	61.5	62.9	57.5	65.1
15/5/2018 8:36	62.3	60.8	57.4	
15/5/2018 8:41	63.5	62.7	57.3	
15/5/2018 8:46	63.6	64.9	57.6	
15/5/2018 8:51	68.0	68.9	67.2	
15/5/2018 8:56	67.2	68.2	60.4	
15/5/2018 9:01	67.0	71.6	59.9	64.5
15/5/2018 9:06	65.6	65.8	59.6	
15/5/2018 9:11	64.2	65.5	59.3	
15/5/2018 9:16	64.1	65.8	57.6	
15/5/2018 9:21	63.6	63.4	56.9	
15/5/2018 9:26	58.8	59.8	57.8	
15/5/2018 9:31	64.2	66.4	57.5	63.4
15/5/2018 9:36	63.1	62.7	57.9	
15/5/2018 9:41	63.2	62.2	57.4	
15/5/2018 9:46	61.3	64.5	57.4	
15/5/2018 9:51	64.2	62.7	57.2	
15/5/2018 9:56	63.6	62.4	57.5	
15/5/2018 10:01	65.2	67.4	58.1	64.3
15/5/2018 10:06	63.5	66.0	58.3	
15/5/2018 10:11	65.3	68.9	58.5	
15/5/2018 10:16	61.6	62.0	58.0	
15/5/2018 10:21	65.2	68.9	58.1	
15/5/2018 10:26	63.7	63.1	58.1	
15/5/2018 10:31	62.2	65.8	58.3	63.1
15/5/2018 10:36	62.7	61.3	57.9	
15/5/2018 10:41	63.8	62.7	58.5	
15/5/2018 10:46	63.7	62.9	58.2	
15/5/2018 10:51	61.6	63.3	57.4	
15/5/2018 10:56	64.1	63.9	57.4	
15/5/2018 11:01	63.9	61.3	58.2	63.8
15/5/2018 11:06	62.8	61.6	56.5	
15/5/2018 11:11	66.5	69.2	61.8	
15/5/2018 11:16	64.2	65.6	55.4	
15/5/2018 11:21	63.5	63.0	57.2	
15/5/2018 11:26	59.2	60.6	56.8	
15/5/2018 11:31	64.8	67.2	57.3	63.1
15/5/2018 11:36	63.2	62.3	57.0	
15/5/2018 11:41	60.3	60.2	56.7	
15/5/2018 11:46	62.5	63.7	54.9	
15/5/2018 11:51	63.4	67.1	54.8	
15/5/2018 11:56	63.0	60.3	53.6	
15/5/2018 12:01	57.0	57.8	54.4	61.6
15/5/2018 12:06	62.4	60.5	54.3	
15/5/2018 12:11	62.7	60.9	54.3	
15/5/2018 12:16	58.6	57.1	53.8	
15/5/2018 12:21	61.8	61.8	54.5	
15/5/2018 12:26	63.5	63.4	55.3	
15/5/2018 12:31	62.0	63.8	58.2	63.1
15/5/2018 12:36	62.9	60.7	57.4	
15/5/2018 12:41	63.3	61.7	57.7	
15/5/2018 12:46	63.4	61.5	56.6	
15/5/2018 12:51	62.5	66.5	57.5	
15/5/2018 12:56	64.1	64.7	57.0	

Measured Noise Levels (dB(A)) at NMS-CA-2A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
15/5/2018 13:01	63.5	62.4	56.8	62.5
15/5/2018 13:06	59.0	58.8	56.4	
15/5/2018 13:11	62.7	63.6	57.1	
15/5/2018 13:16	63.4	62.1	56.7	
15/5/2018 13:21	64.3	66.6	57.4	
15/5/2018 13:26	59.7	60.7	57.6	
15/5/2018 13:31	63.9	63.3	57.5	62.9
15/5/2018 13:36	63.6	62.4	57.7	
15/5/2018 13:41	60.1	60.8	58.5	
15/5/2018 13:46	63.9	63.6	58.6	
15/5/2018 13:51	63.3	63.3	57.3	
15/5/2018 13:56	61.4	60.3	57.6	
15/5/2018 14:01	62.8	61.4	56.9	63.5
15/5/2018 14:06	63.8	63.6	57.1	
15/5/2018 14:11	61.3	60.9	57.9	
15/5/2018 14:16	62.6	61.9	57.9	
15/5/2018 14:21	65.8	70.9	57.1	
15/5/2018 14:26	63.6	62.9	57.4	
15/5/2018 14:31	61.9	64.2	57.8	63.4
15/5/2018 14:36	63.4	61.1	56.2	
15/5/2018 14:41	63.4	62.9	56.2	
15/5/2018 14:46	60.9	65.2	57.2	
15/5/2018 14:51	63.1	59.6	56.5	
15/5/2018 14:56	65.8	66.2	56.8	
15/5/2018 15:01	63.9	66.4	57.3	63.1
15/5/2018 15:06	59.1	60.3	57.1	
15/5/2018 15:11	63.9	63.4	57.8	
15/5/2018 15:16	65.6	68.8	57.3	
15/5/2018 15:21	60.1	60.5	57.0	
15/5/2018 15:26	62.4	60.0	56.8	
15/5/2018 15:31	63.3	62.4	56.2	62.5
15/5/2018 15:36	60.6	60.3	56.6	
15/5/2018 15:41	62.8	60.2	57.4	
15/5/2018 15:46	63.9	64.2	57.7	
15/5/2018 15:51	63.6	63.6	57.1	
15/5/2018 15:56	59.3	60.6	56.9	
15/5/2018 16:01	63.1	62.7	56.4	63.2
15/5/2018 16:06	63.2	62.2	56.7	
15/5/2018 16:11	60.3	60.6	57.2	
15/5/2018 16:16	64.9	65.6	57.1	
15/5/2018 16:21	63.4	63.4	57.0	
15/5/2018 16:26	63.4	62.7	56.2	
15/5/2018 16:31	58.5	59.0	56.5	62.9
15/5/2018 16:36	63.5	62.9	57.6	
15/5/2018 16:41	64.6	67.2	57.9	
15/5/2018 16:46	58.6	59.8	56.5	
15/5/2018 16:51	63.3	62.7	57.3	
15/5/2018 16:56	64.7	67.5	57.1	
15/5/2018 17:01	61.6	62.2	58.1	63.3
15/5/2018 17:06	64.0	66.0	57.6	
15/5/2018 17:11	64.4	66.5	57.6	
15/5/2018 17:16	63.4	64.8	58.2	
15/5/2018 17:21	62.7	61.0	57.4	
15/5/2018 17:26	63.2	62.6	57.2	

Measured Noise Levels (dB(A)) at NMS-CA-2A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
15/5/2018 17:31	63.8	61.4	57.4	63.6
15/5/2018 17:36	62.5	64.4	57.4	
15/5/2018 17:41	63.4	64.7	57.0	
15/5/2018 17:46	62.4	60.1	56.4	
15/5/2018 17:51	65.8	69.3	57.2	
15/5/2018 17:56	62.6	63.7	56.2	
15/5/2018 18:01	60.6	61.0	57.0	62.1
15/5/2018 18:06	63.2	62.1	56.0	
15/5/2018 18:11	61.7	59.3	54.8	
15/5/2018 18:16	63.2	62.3	54.9	
15/5/2018 18:21	63.0	62.5	56.6	
15/5/2018 18:26	60.1	60.9	56.6	
15/5/2018 18:31	62.9	60.3	57.0	62.9
15/5/2018 18:36	62.9	59.6	55.5	
15/5/2018 18:41	62.4	63.7	55.8	
15/5/2018 18:46	62.8	59.6	55.6	
15/5/2018 18:51	63.5	63.6	56.2	
15/5/2018 18:56	62.7	62.7	56.5	
16/5/2018 7:01	61.7	59.8	54.8	61.8
16/5/2018 7:06	62.8	64.3	54.5	
16/5/2018 7:11	56.8	57.8	54.4	
16/5/2018 7:16	62.8	63.7	56.0	
16/5/2018 7:21	61.7	60.7	56.2	
16/5/2018 7:26	62.8	64.2	56.6	
16/5/2018 7:31	63.8	66.1	57.0	63.6
16/5/2018 7:36	63.6	65.6	57.0	
16/5/2018 7:41	62.7	66.3	57.3	
16/5/2018 7:46	63.2	64.9	56.3	
16/5/2018 7:51	64.3	66.8	57.8	
16/5/2018 7:56	63.6	65.5	57.2	
16/5/2018 8:01	64.0	67.2	58.4	64.2
16/5/2018 8:06	64.3	65.8	58.3	
16/5/2018 8:11	62.2	65.2	57.8	
16/5/2018 8:16	64.3	65.8	57.8	
16/5/2018 8:21	65.5	68.5	58.5	
16/5/2018 8:26	64.1	66.2	58.3	
16/5/2018 8:31	64.8	67.2	56.5	64.7
16/5/2018 8:36	63.3	65.8	58.9	
16/5/2018 8:41	65.0	67.9	58.5	
16/5/2018 8:46	64.9	67.1	58.6	
16/5/2018 8:51	65.9	70.8	58.0	
16/5/2018 8:56	63.6	64.8	58.3	
16/5/2018 9:01	63.5	63.5	57.7	62.9
16/5/2018 9:06	60.3	59.6	57.2	
16/5/2018 9:11	63.0	63.3	57.4	
16/5/2018 9:16	63.5	62.6	58.1	
16/5/2018 9:21	63.6	63.2	58.1	
16/5/2018 9:26	62.7	66.0	58.1	
16/5/2018 9:31	64.0	62.3	58.0	63.7
16/5/2018 9:36	64.1	65.7	58.6	
16/5/2018 9:41	64.1	65.1	58.3	
16/5/2018 9:46	62.0	63.0	58.6	
16/5/2018 9:52	63.6	62.2	58.5	
16/5/2018 9:57	64.1	66.7	56.8	

Measured Noise Levels (dB(A)) at NMS-CA-2A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
16/5/2018 10:02	63.2	60.4	57.5	63.5
16/5/2018 10:07	63.0	66.1	57.7	
16/5/2018 10:12	64.2	68.2	56.4	
16/5/2018 10:17	64.6	67.2	56.1	
16/5/2018 10:22	62.7	65.6	57.3	
16/5/2018 10:27	62.9	61.1	56.8	
16/5/2018 10:32	63.5	65.6	56.0	62.7
16/5/2018 10:37	58.8	60.5	56.3	
16/5/2018 10:42	62.9	59.8	55.9	
16/5/2018 10:47	64.4	67.0	57.1	
16/5/2018 10:52	61.2	59.9	56.6	
16/5/2018 10:57	63.5	65.9	57.3	
16/5/2018 11:02	62.6	59.1	55.7	62.1
16/5/2018 11:07	63.0	61.7	57.0	
16/5/2018 11:12	60.9	61.5	56.7	
16/5/2018 11:17	62.5	62.2	56.3	
16/5/2018 11:22	63.3	60.9	55.7	
16/5/2018 11:27	59.2	59.8	56.4	
16/5/2018 11:32	63.3	59.6	55.7	63.4
16/5/2018 11:37	64.5	66.7	57.2	
16/5/2018 11:42	65.0	67.5	57.3	
16/5/2018 11:47	58.5	59.8	55.6	
16/5/2018 11:52	63.1	60.7	56.2	
16/5/2018 11:57	63.3	65.1	56.2	
16/5/2018 12:02	60.9	62.1	55.4	62.0
16/5/2018 12:07	62.0	60.9	55.3	
16/5/2018 12:12	62.6	60.7	56.0	
16/5/2018 12:17	59.3	60.5	54.8	
16/5/2018 12:22	62.8	63.4	54.5	
16/5/2018 12:27	63.2	62.5	56.0	
16/5/2018 12:32	64.6	67.5	56.4	63.3
16/5/2018 12:37	61.9	64.5	56.1	
16/5/2018 12:42	64.8	69.4	55.7	
16/5/2018 12:47	62.6	62.1	55.6	
16/5/2018 12:52	60.4	60.6	57.0	
16/5/2018 12:57	63.7	65.2	57.8	
16/5/2018 13:02	63.6	63.4	57.2	62.4
16/5/2018 13:07	60.4	63.0	57.0	
16/5/2018 13:12	62.5	60.0	56.5	
16/5/2018 13:17	62.9	62.5	56.4	
16/5/2018 13:22	63.2	61.9	56.8	
16/5/2018 13:27	60.5	61.8	56.2	
16/5/2018 13:32	62.3	60.2	57.4	63.4
16/5/2018 13:37	63.8	65.7	56.8	
16/5/2018 13:42	60.7	60.2	56.8	
16/5/2018 13:47	65.8	67.5	56.9	
16/5/2018 13:52	63.5	60.3	57.1	
16/5/2018 13:57	62.5	65.7	57.2	
16/5/2018 14:02	62.4	59.7	56.4	62.7
16/5/2018 14:07	63.1	64.4	56.8	
16/5/2018 14:12	63.9	65.0	57.2	
16/5/2018 14:17	61.7	65.3	57.3	
16/5/2018 14:22	62.0	58.9	55.1	
16/5/2018 14:27	62.7	63.0	56.0	

Measured Noise Levels (dB(A)) at NMS-CA-2A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
16/5/2018 14:32	64.1	65.9	55.9	63.0
16/5/2018 14:37	61.6	61.7	55.1	
16/5/2018 14:42	65.7	67.3	55.3	
16/5/2018 14:47	57.3	57.9	54.3	
16/5/2018 14:52	62.5	63.9	54.7	
16/5/2018 14:57	62.9	63.7	55.7	
16/5/2018 15:02	61.8	57.1	54.3	60.3
16/5/2018 15:07	58.2	58.3	54.1	
16/5/2018 15:12	60.9	59.4	55.2	
16/5/2018 15:17	61.4	58.8	53.9	
16/5/2018 15:22	56.9	56.4	52.8	
16/5/2018 15:27	60.4	57.5	53.6	
16/5/2018 15:32	62.2	60.3	54.7	61.1
16/5/2018 15:37	61.7	63.6	54.1	
16/5/2018 15:42	57.2	56.3	53.3	
16/5/2018 15:47	61.6	61.6	54.4	
16/5/2018 15:52	62.1	59.5	54.7	
16/5/2018 15:57	59.9	63.8	55.8	
16/5/2018 16:02	62.7	63.6	55.2	63.2
16/5/2018 16:07	63.2	64.4	55.4	
16/5/2018 16:12	64.0	67.9	55.7	
16/5/2018 16:17	63.5	64.9	55.6	
16/5/2018 16:22	62.6	63.2	55.6	
16/5/2018 16:27	62.9	62.2	55.4	
16/5/2018 16:32	62.5	60.6	55.1	62.0
16/5/2018 16:37	57.7	59.5	54.7	
16/5/2018 16:42	64.2	66.5	56.9	
16/5/2018 16:47	62.2	59.2	55.3	
16/5/2018 16:52	60.9	61.1	54.6	
16/5/2018 16:57	62.2	63.7	54.6	
16/5/2018 17:02	58.6	57.6	53.9	62.8
16/5/2018 17:07	62.4	63.1	53.7	
16/5/2018 17:12	64.0	65.9	55.5	
16/5/2018 17:17	62.0	63.5	54.7	
16/5/2018 17:22	62.3	60.7	55.0	
16/5/2018 17:27	64.9	65.6	55.8	
16/5/2018 17:32	62.3	61.6	56.1	62.7
16/5/2018 17:37	61.4	65.1	55.8	
16/5/2018 17:42	62.4	58.9	56.3	
16/5/2018 17:47	63.2	64.4	56.9	
16/5/2018 17:52	64.3	66.5	57.4	
16/5/2018 17:57	62.3	60.2	57.1	
16/5/2018 18:02	60.7	60.1	57.3	62.3
16/5/2018 18:07	64.6	65.5	56.9	
16/5/2018 18:12	60.5	60.0	57.1	
16/5/2018 18:17	62.6	62.6	56.7	
16/5/2018 18:22	63.2	59.9	56.2	
16/5/2018 18:27	60.5	62.1	56.5	
16/5/2018 18:32	63.0	59.6	56.3	62.6
16/5/2018 18:37	62.5	60.3	55.7	
16/5/2018 18:42	62.9	62.1	56.1	
16/5/2018 18:47	62.9	63.6	56.4	
16/5/2018 18:52	61.5	58.1	55.8	
16/5/2018 18:57	62.6	59.9	56.4	

Measured Noise Levels (dB(A)) at NMS-CA-2A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
17/5/2018 7:02	62.2	59.8	56.3	63.5
17/5/2018 7:07	63.6	65.7	57.0	
17/5/2018 7:12	63.0	60.9	56.9	
17/5/2018 7:17	60.5	62.6	56.9	
17/5/2018 7:22	62.0	59.2	56.2	
17/5/2018 7:27	66.8	67.0	57.1	62.3
17/5/2018 7:32	62.0	59.6	57.2	
17/5/2018 7:37	63.3	63.2	57.1	
17/5/2018 7:42	63.1	60.1	56.3	
17/5/2018 7:47	59.2	59.4	56.4	
17/5/2018 7:52	62.6	62.3	56.2	63.3
17/5/2018 7:57	62.7	60.5	56.6	
17/5/2018 8:02	60.3	59.5	57.1	
17/5/2018 8:07	62.6	62.4	56.2	
17/5/2018 8:12	61.7	58.7	55.9	
17/5/2018 8:17	61.7	63.2	56.8	63.0
17/5/2018 8:22	62.9	61.4	57.9	
17/5/2018 8:27	67.0	64.5	56.8	
17/5/2018 8:32	63.0	63.5	56.6	
17/5/2018 8:37	59.2	60.9	56.2	
17/5/2018 8:42	63.4	61.9	57.9	63.2
17/5/2018 8:47	65.8	69.7	58.1	
17/5/2018 8:52	62.5	60.4	57.6	
17/5/2018 8:57	61.5	63.2	58.1	
17/5/2018 9:02	65.0	67.6	58.5	
17/5/2018 9:07	62.9	62.8	57.4	63.2
17/5/2018 9:12	62.1	65.6	57.4	
17/5/2018 9:17	64.2	66.4	57.5	
17/5/2018 9:22	62.9	63.4	57.1	
17/5/2018 9:27	60.8	62.1	57.4	
17/5/2018 9:32	64.4	65.2	56.8	63.2
17/5/2018 9:37	64.4	65.8	55.8	
17/5/2018 9:42	62.4	62.1	55.1	
17/5/2018 9:47	62.3	65.9	56.0	
17/5/2018 9:52	63.2	64.0	54.2	
17/5/2018 9:57	61.7	57.5	53.9	63.5
17/5/2018 10:02	65.5	69.6	56.6	
17/5/2018 10:07	62.4	65.8	56.9	
17/5/2018 10:12	62.8	64.7	54.2	
17/5/2018 10:17	62.4	59.8	54.6	
17/5/2018 10:22	61.0	64.6	54.7	61.3
17/5/2018 10:27	65.1	68.5	54.8	
17/5/2018 10:32	61.3	60.6	55.0	
17/5/2018 10:37	59.0	60.3	55.4	
17/5/2018 10:42	62.0	61.9	56.0	
17/5/2018 10:47	61.5	61.3	54.9	63.0
17/5/2018 10:52	60.7	64.1	56.1	
17/5/2018 10:57	62.5	62.8	56.2	
17/5/2018 11:02	64.7	66.8	54.6	
17/5/2018 11:07	63.7	65.1	54.8	
17/5/2018 11:12	60.6	63.5	54.3	63.0
17/5/2018 11:17	61.7	61.4	55.7	
17/5/2018 11:22	65.3	68.0	56.5	
17/5/2018 11:27	57.4	60.5	54.1	

Measured Noise Levels (dB(A)) at NMS-CA-2A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
17/5/2018 11:32	60.4	56.4	53.6	60.7
17/5/2018 11:37	62.6	65.5	53.6	
17/5/2018 11:42	58.2	56.4	53.6	
17/5/2018 11:47	60.1	60.2	53.3	
17/5/2018 11:52	60.7	55.9	53.0	
17/5/2018 11:57	61.2	58.1	52.2	59.9
17/5/2018 12:02	57.8	56.8	52.5	
17/5/2018 12:07	60.4	58.4	52.1	
17/5/2018 12:12	60.9	57.5	52.0	
17/5/2018 12:17	57.9	58.9	52.5	
17/5/2018 12:22	59.9	55.5	51.9	61.2
17/5/2018 12:27	61.1	59.3	52.4	
17/5/2018 12:32	60.7	63.0	52.2	
17/5/2018 12:37	56.1	57.1	53.2	
17/5/2018 12:42	64.7	65.1	53.8	
17/5/2018 12:47	61.6	59.5	53.6	62.1
17/5/2018 12:52	58.3	57.5	53.7	
17/5/2018 12:57	61.1	60.7	54.1	
17/5/2018 13:02	61.7	58.3	53.9	
17/5/2018 13:07	57.9	58.2	53.7	
17/5/2018 13:12	64.5	67.0	53.9	61.8
17/5/2018 13:17	62.4	63.7	54.2	
17/5/2018 13:22	63.9	67.1	55.0	
17/5/2018 13:27	57.3	57.8	54.3	
17/5/2018 13:32	61.7	58.0	55.0	
17/5/2018 13:37	62.6	64.4	54.9	62.7
17/5/2018 13:42	60.1	62.7	55.4	
17/5/2018 13:47	62.7	61.6	55.7	
17/5/2018 13:52	62.2	61.1	55.6	
17/5/2018 13:57	60.6	63.6	56.6	
17/5/2018 14:02	62.6	63.1	56.8	62.3
17/5/2018 14:07	63.3	65.2	54.8	
17/5/2018 14:12	62.5	59.9	55.3	
17/5/2018 14:17	62.8	66.1	56.0	
17/5/2018 14:22	62.7	63.4	55.1	
17/5/2018 14:27	62.1	60.6	54.8	62.6
17/5/2018 14:32	62.4	65.6	56.6	
17/5/2018 14:37	62.6	62.4	57.7	
17/5/2018 14:42	64.2	64.4	57.7	
17/5/2018 14:47	59.0	61.5	55.4	
17/5/2018 14:52	62.3	64.6	54.8	62.3
17/5/2018 14:57	61.9	62.5	55.6	
17/5/2018 15:02	62.0	58.9	55.9	
17/5/2018 15:07	61.2	64.6	56.3	
17/5/2018 15:12	65.1	62.4	55.1	
17/5/2018 15:17	63.6	65.2	55.4	62.3
17/5/2018 15:22	59.0	59.4	55.7	
17/5/2018 15:27	62.3	61.4	56.1	
17/5/2018 15:32	62.3	60.6	54.9	
17/5/2018 15:37	63.8	66.9	55.8	
17/5/2018 15:42	59.3	59.1	55.7	62.3
17/5/2018 15:47	61.6	61.2	55.7	
17/5/2018 15:52	64.2	66.8	56.2	
17/5/2018 15:57	60.5	63.0	55.4	

Measured Noise Levels (dB(A)) at NMS-CA-2A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
17/5/2018 16:02	65.5	68.2	57.3	63.3
17/5/2018 16:07	63.0	64.2	56.1	
17/5/2018 16:12	62.9	60.3	55.2	
17/5/2018 16:17	58.5	59.4	56.3	
17/5/2018 16:22	62.7	64.9	56.7	
17/5/2018 16:27	64.3	67.2	57.6	
17/5/2018 16:32	67.5	72.3	57.4	63.9
17/5/2018 16:37	61.2	61.8	57.5	
17/5/2018 16:42	63.4	61.5	58.1	
17/5/2018 16:47	62.2	60.5	58.3	
17/5/2018 16:52	62.7	66.3	57.1	
17/5/2018 16:57	63.1	64.4	57.9	
17/5/2018 17:02	59.6	59.5	56.2	62.5
17/5/2018 17:07	63.0	64.3	56.8	
17/5/2018 17:12	62.6	60.2	56.8	
17/5/2018 17:17	63.3	64.8	57.1	
17/5/2018 17:22	62.8	64.0	55.8	
17/5/2018 17:27	62.5	61.2	55.4	
17/5/2018 17:32	62.9	62.0	56.1	62.4
17/5/2018 17:37	61.0	63.1	57.1	
17/5/2018 17:42	63.1	61.6	56.9	
17/5/2018 17:47	63.2	64.6	56.7	
17/5/2018 17:52	61.8	58.5	55.9	
17/5/2018 17:57	62.0	60.7	56.2	
17/5/2018 18:02	59.3	58.0	55.3	62.3
17/5/2018 18:07	62.5	62.2	56.7	
17/5/2018 18:12	62.8	62.5	56.3	
17/5/2018 18:17	62.8	61.9	57.2	
17/5/2018 18:22	62.8	60.4	56.6	
17/5/2018 18:27	62.7	63.4	55.8	
17/5/2018 18:32	62.3	58.5	55.2	63.2
17/5/2018 18:37	60.1	59.4	55.7	
17/5/2018 18:42	62.7	60.9	55.9	
17/5/2018 18:47	66.0	67.5	56.0	
17/5/2018 18:52	63.3	64.1	55.7	
17/5/2018 18:57	62.6	61.8	55.4	
18/5/2018 7:02	61.3	57.6	54.9	61.6
18/5/2018 7:07	63.2	65.3	55.3	
18/5/2018 7:12	61.4	58.3	55.4	
18/5/2018 7:17	58.8	61.3	54.9	
18/5/2018 7:22	61.1	57.7	55.3	
18/5/2018 7:27	62.5	64.8	55.2	
18/5/2018 7:32	60.5	57.6	54.4	61.4
18/5/2018 7:37	62.3	61.8	55.4	
18/5/2018 7:42	62.0	60.3	55.0	
18/5/2018 7:47	59.0	61.0	56.6	
18/5/2018 7:52	62.6	65.3	56.3	
18/5/2018 7:57	61.1	58.8	55.2	
18/5/2018 8:02	60.0	61.0	56.6	61.7
18/5/2018 8:07	62.1	62.2	57.1	
18/5/2018 8:12	60.7	61.2	56.4	
18/5/2018 8:17	63.1	65.1	56.3	
18/5/2018 8:22	62.2	60.8	55.9	
18/5/2018 8:27	61.4	60.0	55.8	

Measured Noise Levels (dB(A)) at NMS-CA-2A during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
18/5/2018 8:32	62.6	61.9	55.9	62.0
18/5/2018 8:37	58.7	60.2	56.3	
18/5/2018 8:42	63.3	62.9	56.3	
18/5/2018 8:47	63.0	63.9	57.6	
18/5/2018 8:52	59.8	60.1	57.2	
18/5/2018 8:57	62.5	61.9	57.4	
18/5/2018 9:02	63.1	63.2	57.6	63.0
18/5/2018 9:07	62.5	64.7	57.3	
18/5/2018 9:12	59.8	62.1	57.3	
18/5/2018 9:17	63.8	66.4	56.9	
18/5/2018 9:22	62.8	62.8	57.1	
18/5/2018 9:27	64.7	66.7	57.3	
18/5/2018 9:32	62.2	60.5	56.8	62.2
18/5/2018 9:37	62.6	62.4	57.0	
18/5/2018 9:42	62.2	61.6	56.2	
18/5/2018 9:47	61.2	64.2	56.1	
18/5/2018 9:52	62.4	61.4	56.9	
18/5/2018 9:57	62.6	62.6	56.2	
18/5/2018 10:02	62.6	64.6	56.3	62.5
18/5/2018 10:07	59.7	63.3	56.5	
18/5/2018 10:12	63.1	67.3	56.2	
18/5/2018 10:17	62.7	63.2	55.9	
18/5/2018 10:22	64.1	66.9	57.3	
18/5/2018 10:27	61.8	59.8	55.8	
18/5/2018 10:32	62.8	65.6	55.4	61.5
18/5/2018 10:37	58.1	60.0	55.2	
18/5/2018 10:42	62.5	62.2	55.7	
18/5/2018 10:47	62.8	64.8	55.0	
18/5/2018 10:52	58.6	58.6	55.4	
18/5/2018 10:57	61.7	62.9	55.6	
18/5/2018 11:02	61.5	57.3	54.6	66.3
18/5/2018 11:07	61.7	63.2	54.7	
18/5/2018 11:12	59.5	60.7	55.5	
18/5/2018 11:17	65.8	65.9	55.9	
18/5/2018 11:22	63.0	65.8	56.3	
18/5/2018 11:27	72.0	62.2	54.9	
18/5/2018 11:32	60.9	57.3	54.4	61.9
18/5/2018 11:37	61.6	62.5	54.6	
18/5/2018 11:42	58.1	57.2	54.4	
18/5/2018 11:47	61.4	59.0	54.4	
18/5/2018 11:52	65.1	63.9	54.5	
18/5/2018 11:57	61.4	62.3	54.0	
18/5/2018 12:02	59.3	62.9	54.6	60.9
18/5/2018 12:07	62.5	64.4	54.9	
18/5/2018 12:12	62.3	62.8	54.9	
18/5/2018 12:17	57.6	57.9	53.9	
18/5/2018 12:22	60.5	57.8	53.9	
18/5/2018 12:27	61.4	62.2	54.1	
18/5/2018 12:32	61.8	63.6	54.5	60.5
18/5/2018 12:37	56.0	56.5	53.4	
18/5/2018 12:42	61.1	57.5	53.7	
18/5/2018 12:47	61.4	60.3	54.8	
18/5/2018 12:52	58.0	57.5	54.2	
18/5/2018 12:57	61.7	64.1	55.0	

Average 64.6  
 Min 59.9  
 Max 70.9



Measured Noise Levels (dB(A)) at NMS-CA-2A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
4/5/2018 19:02	63.4	66.7	58.9
4/5/2018 19:07	65.4	67.9	59.3
4/5/2018 19:12	64.3	66.0	58.9
4/5/2018 19:17	65.5	68.3	59.0
4/5/2018 19:22	64.3	66.1	57.4
4/5/2018 19:27	68.1	72.7	58.9
4/5/2018 19:32	62.8	66.0	57.9
4/5/2018 19:37	65.5	68.0	59.1
4/5/2018 19:42	65.4	67.5	59.2
4/5/2018 19:47	66.1	69.5	59.3
4/5/2018 19:52	65.9	68.7	59.4
4/5/2018 19:57	66.1	68.7	59.8
4/5/2018 20:02	65.6	69.4	59.6
4/5/2018 20:07	65.9	69.6	60.0
4/5/2018 20:12	65.0	66.1	59.4
4/5/2018 20:17	66.3	69.3	60.2
4/5/2018 20:22	66.2	69.4	59.6
4/5/2018 20:27	65.3	67.5	59.7
4/5/2018 20:32	64.1	67.2	59.0
4/5/2018 20:37	66.2	68.6	60.1
4/5/2018 20:42	64.8	66.3	58.7
4/5/2018 20:47	65.4	66.6	58.8
4/5/2018 20:52	66.7	70.2	59.8
4/5/2018 20:57	65.5	68.4	58.3
4/5/2018 21:02	65.8	68.4	58.4
4/5/2018 21:07	64.3	66.9	58.6
4/5/2018 21:12	63.6	66.2	57.9
4/5/2018 21:17	64.7	66.1	58.4
4/5/2018 21:22	65.8	67.5	58.9
4/5/2018 21:27	65.2	66.9	60.4
4/5/2018 21:32	64.6	67.1	59.8
4/5/2018 21:37	65.9	69.0	59.8
4/5/2018 21:42	65.0	67.9	60.2
4/5/2018 21:47	65.5	68.4	59.5
4/5/2018 21:52	66.3	70.1	59.6
4/5/2018 21:57	64.8	67.9	60.2
4/5/2018 22:02	65.6	66.9	59.6
4/5/2018 22:07	63.6	66.2	59.5
4/5/2018 22:12	67.0	70.9	59.3
4/5/2018 22:17	65.8	69.6	59.8
4/5/2018 22:22	65.2	66.6	59.5
4/5/2018 22:27	65.3	68.8	60.6
4/5/2018 22:32	65.1	65.8	59.7
4/5/2018 22:37	64.4	67.8	59.4
4/5/2018 22:42	65.3	67.2	59.9
4/5/2018 22:47	64.1	66.4	60.8
4/5/2018 22:52	66.3	69.1	59.4
4/5/2018 22:57	64.2	68.0	60.2

Measured Noise Levels (dB(A)) at NMS-CA-2A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
5/5/2018 19:02	64.1	68.2	58.6
5/5/2018 19:07	65.1	68.2	58.3
5/5/2018 19:12	66.0	69.3	58.5
5/5/2018 19:17	69.0	73.2	58.3
5/5/2018 19:22	64.5	66.7	57.3
5/5/2018 19:27	65.6	67.9	58.6
5/5/2018 19:32	65.2	66.9	58.9
5/5/2018 19:37	64.3	68.0	59.3
5/5/2018 19:42	65.4	67.8	59.4
5/5/2018 19:47	64.7	66.5	59.3
5/5/2018 19:52	65.4	67.3	59.3
5/5/2018 19:57	65.3	67.4	58.1
5/5/2018 20:02	62.5	64.5	58.5
5/5/2018 20:07	67.3	69.7	58.0
5/5/2018 20:12	63.9	65.0	58.8
5/5/2018 20:17	66.1	70.3	58.2
5/5/2018 20:22	64.4	66.7	57.4
5/5/2018 20:27	63.9	66.5	58.5
5/5/2018 20:32	65.8	69.4	58.2
5/5/2018 20:37	64.1	66.6	58.1
5/5/2018 20:42	64.9	66.0	58.1
5/5/2018 20:47	63.0	66.1	57.8
5/5/2018 20:52	65.3	68.0	58.0
5/5/2018 20:57	65.4	67.2	58.0
5/5/2018 21:02	65.4	67.2	58.8
5/5/2018 21:07	63.8	67.1	58.5
5/5/2018 21:12	64.8	65.9	58.8
5/5/2018 21:17	64.0	65.5	58.1
5/5/2018 21:22	65.6	68.2	60.0
5/5/2018 21:27	64.3	66.9	60.0
5/5/2018 21:32	65.4	66.5	58.9
5/5/2018 21:37	66.4	70.0	59.2
5/5/2018 21:42	65.0	66.1	58.5
5/5/2018 21:47	65.5	67.7	59.1
5/5/2018 21:52	64.5	67.6	59.1
5/5/2018 21:57	65.1	67.2	58.2
5/5/2018 22:02	64.6	65.6	58.1
5/5/2018 22:07	62.9	65.8	58.7
5/5/2018 22:12	61.7	63.3	57.4
5/5/2018 22:17	65.5	68.5	58.5
5/5/2018 22:22	61.7	61.8	58.4
5/5/2018 22:27	64.1	66.0	58.8
5/5/2018 22:32	64.4	62.2	57.1
5/5/2018 22:37	60.7	62.0	58.0
5/5/2018 22:42	64.7	65.7	58.7
5/5/2018 22:47	62.4	64.7	57.9
5/5/2018 22:52	63.4	62.2	56.6
5/5/2018 22:57	61.3	64.9	57.3

Measured Noise Levels (dB(A)) at NMS-CA-2A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
6/5/2018 7:02	62.8	63.5	56.2
6/5/2018 7:07	60.1	64.4	55.4
6/5/2018 7:12	71.6	72.6	60.8
6/5/2018 7:17	64.1	66.0	61.2
6/5/2018 7:22	64.7	67.8	60.0
6/5/2018 7:27	61.4	63.1	58.8
6/5/2018 7:32	69.2	70.5	60.1
6/5/2018 7:37	62.2	65.0	58.7
6/5/2018 7:42	64.8	68.1	59.4
6/5/2018 7:47	62.4	65.7	58.7
6/5/2018 7:52	64.5	66.9	59.7
6/5/2018 7:57	61.2	63.5	58.3
6/5/2018 8:02	64.5	67.6	59.1
6/5/2018 8:07	62.3	64.8	59.1
6/5/2018 8:12	64.1	66.3	58.4
6/5/2018 8:17	62.2	65.8	58.0
6/5/2018 8:22	63.2	65.4	57.4
6/5/2018 8:27	60.0	63.9	55.6
6/5/2018 8:32	63.4	67.2	54.9
6/5/2018 8:37	60.7	57.7	53.9
6/5/2018 8:42	58.4	60.0	54.3
6/5/2018 8:47	62.6	63.9	56.8
6/5/2018 8:52	61.7	60.8	56.2
6/5/2018 8:57	61.4	59.0	55.9
6/5/2018 9:02	62.0	62.1	55.3
6/5/2018 9:07	58.8	60.7	56.2
6/5/2018 9:12	63.3	66.4	55.6
6/5/2018 9:17	61.7	58.8	54.9
6/5/2018 9:22	61.8	59.9	53.7
6/5/2018 9:27	58.9	60.8	55.5
6/5/2018 9:32	63.6	63.7	58.6
6/5/2018 9:37	64.2	65.4	58.1
6/5/2018 9:42	63.8	61.9	57.7
6/5/2018 9:47	60.7	61.6	57.5
6/5/2018 9:52	64.2	65.8	57.1
6/5/2018 9:57	63.0	65.0	57.2
6/5/2018 10:02	64.0	62.9	57.4
6/5/2018 10:07	62.2	62.8	59.3
6/5/2018 10:12	62.8	62.7	56.7
6/5/2018 10:17	63.0	63.9	58.3
6/5/2018 10:22	63.7	62.4	58.0
6/5/2018 10:27	64.0	63.4	57.5
6/5/2018 10:32	61.1	63.9	56.1
6/5/2018 10:37	62.9	61.4	56.6
6/5/2018 10:42	63.3	64.2	57.2
6/5/2018 10:47	64.1	63.9	57.9
6/5/2018 10:52	62.8	65.4	58.1
6/5/2018 10:57	66.2	68.7	57.9
6/5/2018 11:02	63.5	63.1	55.7
6/5/2018 11:07	64.5	66.5	55.6
6/5/2018 11:12	64.1	64.7	56.4
6/5/2018 11:17	60.3	62.8	56.2
6/5/2018 11:22	62.2	58.9	55.1
6/5/2018 11:27	63.5	61.1	55.5

Measured Noise Levels (dB(A)) at NMS-CA-2A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
6/5/2018 11:32	64.0	63.6	55.5
6/5/2018 11:37	59.4	61.6	56.5
6/5/2018 11:42	61.9	59.6	54.8
6/5/2018 11:47	62.8	63.9	54.2
6/5/2018 11:52	62.9	61.4	55.8
6/5/2018 11:57	60.4	62.6	55.7
6/5/2018 12:02	62.3	59.7	55.4
6/5/2018 12:07	63.2	65.1	55.9
6/5/2018 12:12	62.4	59.0	54.8
6/5/2018 12:17	59.2	61.6	55.0
6/5/2018 12:22	62.7	59.0	55.3
6/5/2018 12:27	62.1	62.7	54.9
6/5/2018 12:32	65.0	67.9	55.4
6/5/2018 12:37	63.0	60.8	55.1
6/5/2018 12:42	60.2	60.0	56.2
6/5/2018 12:47	62.3	62.8	57.0
6/5/2018 12:52	62.9	60.0	55.4
6/5/2018 12:57	63.3	63.8	57.6
6/5/2018 13:02	60.5	61.1	56.0
6/5/2018 13:07	62.4	60.6	55.8
6/5/2018 13:12	62.4	61.7	54.9
6/5/2018 13:17	62.8	62.0	55.7
6/5/2018 13:22	59.7	60.0	55.5
6/5/2018 13:27	62.4	61.1	56.2
6/5/2018 13:32	62.2	60.4	55.6
6/5/2018 13:37	63.3	65.4	56.2
6/5/2018 13:42	62.6	59.9	55.6
6/5/2018 13:47	58.6	59.9	55.6
6/5/2018 13:52	62.9	63.4	55.8
6/5/2018 13:57	62.5	62.2	56.9
6/5/2018 14:02	63.1	61.2	56.8
6/5/2018 14:07	60.4	62.1	56.0
6/5/2018 14:12	63.3	60.4	56.1
6/5/2018 14:17	62.2	61.6	57.0
6/5/2018 14:22	63.3	62.8	58.0
6/5/2018 14:27	62.5	65.6	57.1
6/5/2018 14:32	61.9	58.9	55.9
6/5/2018 14:37	62.9	64.1	56.5
6/5/2018 14:42	62.8	60.1	56.5
6/5/2018 14:47	62.8	61.6	55.7
6/5/2018 14:52	60.8	60.9	56.9
6/5/2018 14:57	62.4	62.9	55.9
6/5/2018 15:02	62.6	60.9	56.1
6/5/2018 15:07	64.6	65.9	57.0
6/5/2018 15:12	62.5	65.8	56.4
6/5/2018 15:17	62.9	62.6	56.9
6/5/2018 15:22	62.9	63.9	54.8
6/5/2018 15:27	64.7	67.7	56.4
6/5/2018 15:32	62.9	61.7	55.4
6/5/2018 15:37	59.3	61.2	55.8
6/5/2018 15:42	62.8	61.9	56.0
6/5/2018 15:47	64.4	66.0	55.6
6/5/2018 15:52	63.4	60.4	55.8
6/5/2018 15:57	61.9	65.9	57.0

Measured Noise Levels (dB(A)) at NMS-CA-2A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
6/5/2018 16:02	63.1	62.2	57.9
6/5/2018 16:07	63.0	63.0	56.6
6/5/2018 16:12	61.1	62.4	56.9
6/5/2018 16:17	63.6	64.3	56.6
6/5/2018 16:22	62.4	60.2	56.6
6/5/2018 16:27	63.2	61.8	56.8
6/5/2018 16:32	62.7	60.8	56.1
6/5/2018 16:37	61.4	63.3	57.7
6/5/2018 16:42	63.0	61.4	58.0
6/5/2018 16:47	62.8	64.6	56.3
6/5/2018 16:52	63.2	61.7	56.2
6/5/2018 16:57	63.4	62.4	57.9
6/5/2018 17:02	61.4	62.6	57.4
6/5/2018 17:07	62.4	62.4	57.4
6/5/2018 17:12	63.3	64.9	57.8
6/5/2018 17:17	63.1	63.1	56.4
6/5/2018 17:22	61.2	64.0	55.7
6/5/2018 17:27	63.1	64.2	56.7
6/5/2018 17:32	63.1	62.7	56.4
6/5/2018 17:37	63.3	63.2	56.3
6/5/2018 17:42	63.3	63.7	57.0
6/5/2018 17:47	59.2	61.0	56.5
6/5/2018 17:52	62.7	60.1	56.7
6/5/2018 17:57	63.1	61.6	56.2
6/5/2018 18:02	62.4	61.2	55.0
6/5/2018 18:07	59.5	62.9	55.8
6/5/2018 18:12	62.9	60.5	56.6
6/5/2018 18:17	63.6	64.9	56.7
6/5/2018 18:22	63.3	62.9	55.7
6/5/2018 18:27	60.6	62.0	56.2
6/5/2018 18:32	61.6	59.9	55.7
6/5/2018 18:37	64.3	65.2	56.9
6/5/2018 18:42	63.2	61.6	56.0
6/5/2018 18:47	60.2	61.0	56.0
6/5/2018 18:52	63.6	61.9	56.7
6/5/2018 18:57	62.7	59.3	55.7
6/5/2018 19:02	64.4	63.6	57.7
6/5/2018 19:07	63.3	62.1	57.3
6/5/2018 19:12	63.0	65.0	56.2
6/5/2018 19:17	59.2	60.5	55.9
6/5/2018 19:22	63.3	60.8	56.0
6/5/2018 19:27	64.7	66.1	57.1
6/5/2018 19:32	60.9	61.7	56.2
6/5/2018 19:37	63.2	61.7	56.4
6/5/2018 19:42	63.7	62.5	56.5
6/5/2018 19:47	62.9	62.4	55.9
6/5/2018 19:52	63.7	62.0	56.5
6/5/2018 19:57	59.1	60.1	55.5
6/5/2018 20:02	63.2	62.1	56.7
6/5/2018 20:07	64.5	63.5	56.8
6/5/2018 20:12	64.1	64.3	56.2
6/5/2018 20:17	62.4	66.2	57.6
6/5/2018 20:22	63.8	64.4	56.9
6/5/2018 20:27	62.4	62.4	56.9

Measured Noise Levels (dB(A)) at NMS-CA-2A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
6/5/2018 20:32	62.8	59.6	56.6
6/5/2018 20:37	61.8	62.8	57.1
6/5/2018 20:42	63.0	60.5	56.5
6/5/2018 20:47	61.7	59.0	55.2
6/5/2018 20:52	59.5	60.2	55.8
6/5/2018 20:57	63.2	64.0	56.0
6/5/2018 21:02	63.5	62.1	56.6
6/5/2018 21:07	61.8	62.0	54.7
6/5/2018 21:12	62.8	59.7	56.1
6/5/2018 21:17	63.5	61.9	56.2
6/5/2018 21:22	60.5	60.1	56.9
6/5/2018 21:27	62.1	62.7	56.3
6/5/2018 21:32	62.2	58.8	55.4
6/5/2018 21:37	62.4	62.4	55.8
6/5/2018 21:42	60.9	60.8	57.1
6/5/2018 21:47	62.2	63.0	56.0
6/5/2018 21:52	63.5	60.5	57.5
6/5/2018 21:57	63.2	61.8	56.8
6/5/2018 22:02	62.2	59.9	54.2
6/5/2018 22:07	58.3	58.6	55.8
6/5/2018 22:12	62.2	62.1	56.3
6/5/2018 22:17	62.4	61.8	55.6
6/5/2018 22:22	60.8	61.1	56.4
6/5/2018 22:27	62.6	61.9	56.1
6/5/2018 22:32	62.1	61.3	56.7
6/5/2018 22:37	62.2	59.5	55.7
6/5/2018 22:42	62.7	61.7	55.6
6/5/2018 22:47	61.3	61.1	56.3
6/5/2018 22:52	64.3	62.8	58.3
6/5/2018 22:57	61.9	66.0	56.3

Measured Noise Levels (dB(A)) at NMS-CA-2A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
7/5/2018 19:04	62.8	59.7	56.5
7/5/2018 19:09	61.3	62.9	56.0
7/5/2018 19:14	63.0	59.1	56.1
7/5/2018 19:19	64.0	65.1	56.4
7/5/2018 19:24	62.7	60.0	55.7
7/5/2018 19:29	63.7	65.6	55.7
7/5/2018 19:34	59.9	58.7	56.5
7/5/2018 19:39	65.5	66.5	56.3
7/5/2018 19:44	60.7	59.0	56.0
7/5/2018 19:49	63.8	65.8	55.7
7/5/2018 19:54	62.9	59.7	55.6
7/5/2018 19:59	63.9	65.2	56.1
7/5/2018 20:04	64.4	65.0	55.9
7/5/2018 20:09	64.4	66.9	56.3
7/5/2018 20:14	59.5	58.5	55.0
7/5/2018 20:19	63.1	64.1	55.4
7/5/2018 20:24	63.2	59.6	55.5
7/5/2018 20:29	63.3	64.8	55.5
7/5/2018 20:34	64.0	60.4	56.4
7/5/2018 20:39	61.3	60.9	56.4
7/5/2018 20:44	65.1	62.2	56.1
7/5/2018 20:49	61.6	62.7	56.5
7/5/2018 20:54	65.9	66.4	56.8
7/5/2018 20:59	61.5	63.9	56.3
7/5/2018 21:04	62.6	60.1	56.1
7/5/2018 21:09	63.2	60.5	56.2
7/5/2018 21:14	63.5	66.2	55.7
7/5/2018 21:19	62.5	65.6	57.2
7/5/2018 21:24	62.7	60.2	55.3
7/5/2018 21:29	63.8	64.9	54.7
7/5/2018 21:34	62.0	58.8	56.0
7/5/2018 21:39	62.7	65.3	56.4
7/5/2018 21:44	64.6	63.8	56.3
7/5/2018 21:49	60.1	62.5	56.6
7/5/2018 21:54	64.5	63.2	56.5
7/5/2018 21:59	64.3	65.5	56.3
7/5/2018 22:04	60.4	59.8	56.1
7/5/2018 22:09	62.8	62.3	56.8
7/5/2018 22:14	61.9	63.7	56.3
7/5/2018 22:19	61.0	60.2	56.4
7/5/2018 22:24	63.4	59.7	56.0
7/5/2018 22:29	61.0	64.6	56.0
7/5/2018 22:34	62.8	59.9	56.5
7/5/2018 22:39	62.7	61.5	56.6
7/5/2018 22:44	60.4	59.1	56.8
7/5/2018 22:49	63.8	62.7	57.1
7/5/2018 22:54	60.6	61.0	57.1
7/5/2018 22:59	63.9	65.9	57.0

Measured Noise Levels (dB(A)) at NMS-CA-2A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
8/5/2018 19:04	65.7	67.4	60.0
8/5/2018 19:09	66.6	68.5	62.2
8/5/2018 19:14	63.7	67.0	58.2
8/5/2018 19:19	64.6	66.4	58.8
8/5/2018 19:24	64.8	66.4	58.4
8/5/2018 19:29	65.5	69.0	57.9
8/5/2018 19:34	64.7	66.2	58.1
8/5/2018 19:39	65.8	69.5	58.4
8/5/2018 19:44	65.4	68.1	57.6
8/5/2018 19:49	64.3	66.5	57.4
8/5/2018 19:54	64.6	68.2	56.8
8/5/2018 19:59	65.8	67.9	56.8
8/5/2018 20:04	64.5	66.0	56.9
8/5/2018 20:09	65.5	68.9	57.5
8/5/2018 20:14	61.6	64.1	57.0
8/5/2018 20:19	65.3	67.7	57.5
8/5/2018 20:24	63.7	65.6	56.7
8/5/2018 20:29	64.1	65.6	56.3
8/5/2018 20:34	64.5	66.6	56.3
8/5/2018 20:39	64.6	67.1	57.1
8/5/2018 20:44	65.2	68.3	57.1
8/5/2018 20:49	64.0	68.0	56.1
8/5/2018 20:54	65.4	68.3	57.4
8/5/2018 20:59	63.1	66.4	56.4
8/5/2018 21:04	65.0	68.1	55.8
8/5/2018 21:09	63.8	65.2	57.2
8/5/2018 21:14	65.9	67.4	56.7
8/5/2018 21:19	61.9	64.4	56.2
8/5/2018 21:24	64.5	66.7	56.7
8/5/2018 21:29	64.7	67.2	55.8
8/5/2018 21:34	60.7	63.7	56.3
8/5/2018 21:39	65.1	67.4	56.2
8/5/2018 21:44	64.1	64.9	56.2
8/5/2018 21:49	63.3	67.1	57.3
8/5/2018 21:54	65.9	68.6	57.3
8/5/2018 21:59	63.5	64.9	56.7
8/5/2018 22:04	62.4	64.9	55.9
8/5/2018 22:09	62.2	65.6	56.1
8/5/2018 22:14	65.2	68.5	56.2
8/5/2018 22:19	60.3	60.7	56.3
8/5/2018 22:24	63.6	63.8	56.4
8/5/2018 22:29	62.5	66.1	56.1
8/5/2018 22:34	61.7	59.0	56.4
8/5/2018 22:39	64.1	66.1	56.7
8/5/2018 22:44	61.7	63.4	57.1
8/5/2018 22:49	60.6	64.4	56.8
8/5/2018 22:54	63.4	64.0	56.2
8/5/2018 22:59	63.9	66.6	56.4

Measured Noise Levels (dB(A)) at NMS-CA-2A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
9/5/2018 19:04	66.1	68.1	61.8
9/5/2018 19:09	65.2	66.7	61.1
9/5/2018 19:14	64.0	65.5	60.8
9/5/2018 19:19	66.5	69.4	60.3
9/5/2018 19:24	65.3	65.2	60.9
9/5/2018 19:29	67.8	71.4	61.3
9/5/2018 19:34	64.9	66.0	60.7
9/5/2018 19:39	71.2	75.1	61.6
9/5/2018 19:44	66.1	69.2	60.8
9/5/2018 19:49	66.7	68.4	61.7
9/5/2018 19:54	66.0	66.8	61.2
9/5/2018 19:59	66.5	68.4	60.4
9/5/2018 20:04	66.5	69.1	60.1
9/5/2018 20:09	65.5	67.7	60.7
9/5/2018 20:14	64.5	65.5	61.0
9/5/2018 20:19	66.3	68.4	60.6
9/5/2018 20:24	66.4	67.1	60.8
9/5/2018 20:29	66.3	68.8	61.0
9/5/2018 20:34	65.8	67.0	60.2
9/5/2018 20:39	65.8	68.1	60.9
9/5/2018 20:44	66.3	68.7	61.4
9/5/2018 20:49	65.5	66.6	59.5
9/5/2018 20:54	65.1	66.1	60.3
9/5/2018 20:59	65.3	68.4	61.3
9/5/2018 21:04	67.2	71.1	60.9
9/5/2018 21:09	65.3	66.8	60.7
9/5/2018 21:14	68.5	72.2	61.4
9/5/2018 21:19	65.9	69.2	61.6
9/5/2018 21:24	67.1	69.2	62.2
9/5/2018 21:29	65.6	67.5	60.7
9/5/2018 21:34	64.5	66.2	61.7
9/5/2018 21:39	66.7	69.3	61.7
9/5/2018 21:44	65.6	67.9	59.8
9/5/2018 21:49	63.9	66.6	60.7
9/5/2018 21:54	66.5	69.3	61.6
9/5/2018 21:59	65.0	66.8	60.8
9/5/2018 22:04	64.6	66.0	60.6
9/5/2018 22:09	64.8	67.5	61.0
9/5/2018 22:14	66.0	68.3	61.4
9/5/2018 22:19	64.7	66.6	61.0
9/5/2018 22:24	66.4	68.2	60.7
9/5/2018 22:29	65.3	68.3	61.3
9/5/2018 22:34	64.7	65.1	60.2
9/5/2018 22:39	65.5	67.5	61.5
9/5/2018 22:44	65.0	66.8	61.3
9/5/2018 22:49	66.2	68.1	62.1
9/5/2018 22:54	64.7	66.3	60.9
9/5/2018 22:59	66.0	67.9	62.0

Measured Noise Levels (dB(A)) at NMS-CA-2A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
10/5/2018 19:01	64.4	65.8	61.4
10/5/2018 19:06	66.2	66.9	61.3
10/5/2018 19:11	69.8	70.0	61.4
10/5/2018 19:16	66.3	68.1	60.7
10/5/2018 19:21	66.0	67.1	61.4
10/5/2018 19:26	67.2	71.3	61.3
10/5/2018 19:31	69.2	73.7	62.0
10/5/2018 19:36	65.9	69.2	60.3
10/5/2018 19:41	66.5	68.0	61.7
10/5/2018 19:46	67.2	70.7	61.3
10/5/2018 19:51	66.6	70.4	60.9
10/5/2018 19:56	66.7	69.5	60.4
10/5/2018 20:01	65.2	68.3	60.2
10/5/2018 20:06	66.4	68.9	61.5
10/5/2018 20:11	66.3	68.3	61.8
10/5/2018 20:16	65.0	66.1	60.9
10/5/2018 20:21	65.5	67.1	60.0
10/5/2018 20:26	65.8	68.6	60.2
10/5/2018 20:31	64.2	66.4	61.3
10/5/2018 20:36	66.6	69.3	61.1
10/5/2018 20:41	65.5	67.6	60.9
10/5/2018 20:46	66.0	67.2	60.5
10/5/2018 20:51	65.6	67.5	60.8
10/5/2018 20:56	65.8	67.4	60.0
10/5/2018 21:01	66.6	69.1	61.0
10/5/2018 21:06	64.2	66.6	60.3
10/5/2018 21:11	66.1	68.2	60.0
10/5/2018 21:16	65.0	66.7	60.2
10/5/2018 21:21	64.6	66.5	60.8
10/5/2018 21:26	65.5	66.3	60.7
10/5/2018 21:31	65.8	67.0	61.2
10/5/2018 21:36	66.1	69.6	60.4
10/5/2018 21:41	65.8	69.1	62.1
10/5/2018 21:46	66.3	68.7	61.7
10/5/2018 21:51	66.4	68.8	61.1
10/5/2018 21:56	64.6	67.0	60.8
10/5/2018 22:01	65.3	67.2	60.5
10/5/2018 22:06	63.6	65.5	59.9
10/5/2018 22:11	65.8	68.4	59.0
10/5/2018 22:16	62.3	64.5	59.2
10/5/2018 22:21	65.6	67.8	60.6
10/5/2018 22:26	64.3	66.7	60.3
10/5/2018 22:31	66.3	69.9	60.2
10/5/2018 22:36	62.6	64.9	60.1
10/5/2018 22:41	64.7	65.5	59.7
10/5/2018 22:46	62.7	65.6	59.6
10/5/2018 22:51	65.3	67.0	60.2
10/5/2018 22:56	62.5	64.9	59.5

Measured Noise Levels (dB(A)) at NMS-CA-2A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
11/5/2018 19:01	65.2	67.1	59.5
11/5/2018 19:06	68.0	71.0	62.4
11/5/2018 19:11	66.8	68.2	63.6
11/5/2018 19:16	64.4	66.7	59.4
11/5/2018 19:21	65.4	66.7	58.8
11/5/2018 19:26	63.6	66.5	58.7
11/5/2018 19:31	65.8	68.1	59.6
11/5/2018 19:36	65.8	67.9	58.6
11/5/2018 19:41	64.9	65.8	59.0
11/5/2018 19:46	65.4	67.8	58.9
11/5/2018 19:51	69.9	75.3	58.8
11/5/2018 19:56	65.6	68.2	57.9
11/5/2018 20:01	64.8	68.7	57.8
11/5/2018 20:06	65.5	68.9	58.0
11/5/2018 20:11	64.5	66.1	57.8
11/5/2018 20:16	65.3	68.0	57.6
11/5/2018 20:21	64.7	66.6	59.0
11/5/2018 20:26	65.4	68.4	58.8
11/5/2018 20:31	63.3	66.8	58.3
11/5/2018 20:36	65.7	67.9	59.6
11/5/2018 20:41	65.7	67.8	59.2
11/5/2018 20:46	67.9	72.0	59.1
11/5/2018 20:51	65.9	68.1	59.3
11/5/2018 20:56	66.1	68.6	58.7
11/5/2018 21:01	66.6	69.2	59.6
11/5/2018 21:06	64.7	67.4	59.7
11/5/2018 21:11	65.5	68.4	59.0
11/5/2018 21:16	66.7	69.9	59.8
11/5/2018 21:21	63.7	66.7	59.8
11/5/2018 21:26	66.0	68.2	59.5
11/5/2018 21:31	66.2	69.5	59.1
11/5/2018 21:36	66.3	69.4	58.7
11/5/2018 21:41	65.2	69.0	59.6
11/5/2018 21:46	65.8	68.0	59.6
11/5/2018 21:51	66.3	69.1	59.3
11/5/2018 21:56	66.2	69.9	60.3
11/5/2018 22:01	66.3	69.0	59.0
11/5/2018 22:06	64.2	66.8	59.2
11/5/2018 22:11	68.3	71.2	59.9
11/5/2018 22:16	64.3	67.9	59.1
11/5/2018 22:21	70.3	75.1	60.5
11/5/2018 22:26	62.5	64.4	59.3
11/5/2018 22:31	66.6	69.4	60.1
11/5/2018 22:36	62.6	65.0	60.1
11/5/2018 22:41	66.0	67.6	59.9
11/5/2018 22:46	63.9	67.0	59.7
11/5/2018 22:51	67.3	71.5	59.6
11/5/2018 22:56	63.9	67.2	59.4

Measured Noise Levels (dB(A)) at NMS-CA-2A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
12/5/2018 19:01	65.0	67.2	57.8
12/5/2018 19:06	67.1	68.1	61.5
12/5/2018 19:11	66.9	68.6	62.0
12/5/2018 19:16	65.2	67.4	58.8
12/5/2018 19:21	65.2	68.2	58.6
12/5/2018 19:26	64.1	66.6	57.7
12/5/2018 19:31	64.2	65.1	57.9
12/5/2018 19:36	63.0	65.7	57.7
12/5/2018 19:41	65.1	67.7	57.2
12/5/2018 19:46	64.3	66.2	57.7
12/5/2018 19:51	65.7	67.9	58.2
12/5/2018 19:56	62.0	64.2	57.2
12/5/2018 20:01	63.9	65.5	57.5
12/5/2018 20:06	64.7	66.7	58.0
12/5/2018 20:11	64.2	64.6	57.1
12/5/2018 20:16	64.5	65.1	57.2
12/5/2018 20:21	61.5	63.4	57.0
12/5/2018 20:26	66.6	69.7	57.7
12/5/2018 20:31	64.8	67.0	57.3
12/5/2018 20:36	64.7	66.7	56.7
12/5/2018 20:41	64.4	68.4	57.2
12/5/2018 20:46	64.9	66.3	56.5
12/5/2018 20:51	64.9	68.0	56.6
12/5/2018 20:56	64.7	66.9	57.3
12/5/2018 21:01	64.7	67.3	56.5
12/5/2018 21:06	62.6	65.0	56.6
12/5/2018 21:11	64.7	67.9	55.9
12/5/2018 21:16	64.6	66.7	56.2
12/5/2018 21:21	64.1	66.2	56.3
12/5/2018 21:26	61.4	64.3	55.7
12/5/2018 21:31	64.7	67.8	56.4
12/5/2018 21:36	64.1	66.3	56.6
12/5/2018 21:41	65.2	68.3	57.2
12/5/2018 21:46	63.3	67.1	56.8
12/5/2018 21:51	64.5	66.0	57.4
12/5/2018 21:56	65.3	68.1	57.2
12/5/2018 22:01	63.4	67.2	57.6
12/5/2018 22:06	66.5	69.9	56.9
12/5/2018 22:11	61.8	65.5	56.7
12/5/2018 22:16	64.9	66.8	57.9
12/5/2018 22:21	64.0	67.8	58.4
12/5/2018 22:26	64.0	64.9	57.4
12/5/2018 22:31	64.4	66.4	57.6
12/5/2018 22:36	59.2	60.0	57.7
12/5/2018 22:41	64.0	67.2	57.4
12/5/2018 22:46	62.7	64.9	57.9
12/5/2018 22:51	67.3	71.2	58.4
12/5/2018 22:56	60.6	63.3	58.0

Measured Noise Levels (dB(A)) at NMS-CA-2A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
13/5/2018 7:01	62.9	65.8	54.6
13/5/2018 7:06	56.3	57.4	54.8
13/5/2018 7:11	62.8	64.7	54.7
13/5/2018 7:16	60.3	65.2	54.1
13/5/2018 7:21	62.0	63.9	53.8
13/5/2018 7:26	58.6	61.4	54.4
13/5/2018 7:31	62.0	64.8	53.4
13/5/2018 7:36	65.5	69.7	54.6
13/5/2018 7:41	63.6	66.0	55.8
13/5/2018 7:46	60.9	65.5	52.5
13/5/2018 7:51	63.3	65.4	54.2
13/5/2018 7:56	55.4	56.2	52.6
13/5/2018 8:01	64.0	67.1	54.0
13/5/2018 8:06	63.1	67.7	54.1
13/5/2018 8:11	63.9	66.3	53.6
13/5/2018 8:16	54.1	55.5	52.5
13/5/2018 8:21	61.5	62.6	52.0
13/5/2018 8:26	56.1	59.1	51.9
13/5/2018 8:31	60.4	56.1	52.3
13/5/2018 8:36	57.2	55.8	51.4
13/5/2018 8:41	61.6	60.2	52.4
13/5/2018 8:46	60.6	62.1	52.4
13/5/2018 8:51	64.7	66.4	54.1
13/5/2018 8:56	61.2	66.1	53.4
13/5/2018 9:01	65.1	68.6	51.8
13/5/2018 9:06	60.8	59.0	51.9
13/5/2018 9:11	62.0	59.8	52.8
13/5/2018 9:16	58.9	59.5	53.6
13/5/2018 9:21	62.2	62.0	53.7
13/5/2018 9:26	61.7	60.1	55.1
13/5/2018 9:31	61.4	61.4	54.2
13/5/2018 9:36	61.5	60.2	52.7
13/5/2018 9:41	58.3	57.8	53.3
13/5/2018 9:46	62.2	62.5	54.2
13/5/2018 9:51	61.9	60.9	54.6
13/5/2018 9:56	62.2	63.7	54.2
13/5/2018 10:01	59.1	60.7	53.8
13/5/2018 10:06	62.0	61.9	54.5
13/5/2018 10:11	64.5	65.8	60.6
13/5/2018 10:16	62.0	60.5	53.2
13/5/2018 10:21	62.0	61.0	54.3
13/5/2018 10:26	58.5	58.4	54.2
13/5/2018 10:31	61.4	57.0	53.3
13/5/2018 10:36	61.5	60.2	52.8
13/5/2018 10:41	61.8	61.5	53.3
13/5/2018 10:46	59.9	62.2	53.6
13/5/2018 10:51	62.6	64.4	53.1
13/5/2018 10:56	61.2	60.8	53.4
13/5/2018 11:01	61.5	60.7	52.4
13/5/2018 11:06	58.3	57.1	53.2
13/5/2018 11:11	61.7	59.6	52.7
13/5/2018 11:16	61.6	60.2	54.0
13/5/2018 11:21	61.8	60.1	53.3
13/5/2018 11:26	58.4	57.7	53.3

Measured Noise Levels (dB(A)) at NMS-CA-2A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
13/5/2018 11:31	61.9	61.7	53.2
13/5/2018 11:36	61.6	59.0	53.6
13/5/2018 11:41	61.0	59.2	53.5
13/5/2018 11:46	55.1	55.8	54.3
13/5/2018 11:51	63.6	64.3	53.5
13/5/2018 11:56	62.7	64.8	52.8
13/5/2018 12:01	57.8	57.7	52.3
13/5/2018 12:06	60.2	58.9	52.6
13/5/2018 12:11	61.1	59.3	52.9
13/5/2018 12:16	61.1	59.5	52.3
13/5/2018 12:21	57.9	58.6	52.2
13/5/2018 12:26	60.4	57.8	51.4
13/5/2018 12:31	61.5	59.3	51.6
13/5/2018 12:36	61.1	58.3	50.9
13/5/2018 12:41	61.4	60.2	50.8
13/5/2018 12:46	62.4	64.6	51.1
13/5/2018 12:51	59.8	55.4	51.6
13/5/2018 12:56	60.9	57.8	50.4
13/5/2018 13:01	60.9	58.5	51.1
13/5/2018 13:06	56.7	56.5	50.4
13/5/2018 13:11	59.4	54.6	50.0
13/5/2018 13:16	60.4	58.0	51.0
13/5/2018 13:21	60.2	58.2	50.7
13/5/2018 13:26	56.5	55.0	50.9
13/5/2018 13:31	60.2	54.4	50.7
13/5/2018 13:36	61.2	59.3	50.7
13/5/2018 13:41	65.3	66.1	51.9
13/5/2018 13:46	58.3	56.6	52.9
13/5/2018 13:51	61.4	58.2	53.6
13/5/2018 13:56	61.6	57.1	53.6
13/5/2018 14:01	61.6	60.5	53.6
13/5/2018 14:06	58.6	56.9	53.3
13/5/2018 14:11	63.5	64.8	54.6
13/5/2018 14:16	64.3	63.8	61.6
13/5/2018 14:21	63.5	62.9	55.6
13/5/2018 14:26	62.4	61.3	55.3
13/5/2018 14:31	59.3	58.3	54.6
13/5/2018 14:36	61.8	58.6	54.5
13/5/2018 14:41	63.2	64.9	54.8
13/5/2018 14:46	62.6	61.3	54.8
13/5/2018 14:51	62.6	58.9	54.9
13/5/2018 14:56	64.2	66.7	54.6
13/5/2018 15:01	61.0	58.9	54.3
13/5/2018 15:06	62.1	61.4	54.2
13/5/2018 15:11	62.6	60.6	54.8
13/5/2018 15:16	59.0	57.8	53.8
13/5/2018 15:21	61.3	58.1	54.9
13/5/2018 15:26	62.2	61.9	53.8
13/5/2018 15:31	57.5	57.5	53.2
13/5/2018 15:36	66.0	63.9	52.8
13/5/2018 15:41	61.0	59.3	51.8
13/5/2018 15:46	61.7	63.4	51.9
13/5/2018 15:51	62.7	64.8	53.9
13/5/2018 15:56	61.5	65.0	53.5

Measured Noise Levels (dB(A)) at NMS-CA-2A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
13/5/2018 16:01	64.0	66.0	55.8
13/5/2018 16:06	64.2	66.9	55.3
13/5/2018 16:11	62.9	64.9	54.7
13/5/2018 16:16	62.7	66.4	54.4
13/5/2018 16:21	66.3	70.3	53.9
13/5/2018 16:26	62.0	64.8	53.8
13/5/2018 16:31	63.1	65.0	54.4
13/5/2018 16:36	64.4	67.6	55.6
13/5/2018 16:41	60.4	62.9	55.9
13/5/2018 16:46	64.4	67.7	56.1
13/5/2018 16:51	63.9	65.5	55.5
13/5/2018 16:56	66.2	70.6	56.6
13/5/2018 17:01	64.6	67.4	56.2
13/5/2018 17:06	62.7	65.9	56.2
13/5/2018 17:11	63.5	65.9	57.0
13/5/2018 17:16	65.3	67.8	59.0
13/5/2018 17:21	64.7	66.3	58.1
13/5/2018 17:26	62.8	65.9	56.6
13/5/2018 17:31	62.8	64.0	57.2
13/5/2018 17:36	64.5	66.9	57.4
13/5/2018 17:41	65.5	68.3	58.4
13/5/2018 17:46	66.1	70.4	56.1
13/5/2018 17:51	63.3	64.8	56.2
13/5/2018 17:56	65.6	68.5	56.7
13/5/2018 18:01	65.5	69.1	57.2
13/5/2018 18:06	62.2	65.8	55.7
13/5/2018 18:11	64.7	67.1	57.0
13/5/2018 18:16	65.3	68.5	56.9
13/5/2018 18:21	64.4	66.1	57.0
13/5/2018 18:26	62.9	66.3	55.8
13/5/2018 18:31	65.0	66.9	56.3
13/5/2018 18:36	63.3	66.3	54.4
13/5/2018 18:41	64.2	66.7	56.0
13/5/2018 18:46	65.7	69.8	57.1
13/5/2018 18:51	61.6	63.2	57.6
13/5/2018 18:56	63.4	65.0	56.5
13/5/2018 19:01	65.0	68.2	56.6
13/5/2018 19:06	64.4	66.8	56.3
13/5/2018 19:11	63.3	66.7	57.4
13/5/2018 19:16	66.1	69.1	57.6
13/5/2018 19:21	65.2	68.7	57.2
13/5/2018 19:26	63.7	65.0	56.1
13/5/2018 19:31	64.1	66.3	56.1
13/5/2018 19:36	62.1	65.8	56.2
13/5/2018 19:41	63.9	65.8	56.3
13/5/2018 19:46	63.6	65.4	55.6
13/5/2018 19:51	64.5	67.1	56.1
13/5/2018 19:56	60.3	60.8	54.5
13/5/2018 20:01	64.0	66.4	54.8
13/5/2018 20:06	64.1	65.8	55.4
13/5/2018 20:11	64.1	65.9	54.9
13/5/2018 20:16	60.5	62.9	54.6
13/5/2018 20:21	64.1	66.1	55.3
13/5/2018 20:26	63.5	65.1	55.9

Measured Noise Levels (dB(A)) at NMS-CA-2A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
13/5/2018 20:31	63.2	67.3	54.3
13/5/2018 20:36	66.1	69.1	55.3
13/5/2018 20:41	61.7	64.8	55.8
13/5/2018 20:46	65.4	68.1	55.6
13/5/2018 20:51	64.6	67.6	55.6
13/5/2018 20:56	62.2	65.6	55.8
13/5/2018 21:01	63.8	64.9	56.2
13/5/2018 21:06	63.9	66.7	55.5
13/5/2018 21:11	67.9	68.8	56.4
13/5/2018 21:16	64.2	66.8	55.6
13/5/2018 21:21	64.5	66.2	55.4
13/5/2018 21:26	60.6	64.2	55.0
13/5/2018 21:31	63.5	64.7	55.1
13/5/2018 21:36	64.0	66.5	55.5
13/5/2018 21:41	64.9	67.5	56.0
13/5/2018 21:46	61.6	64.3	56.5
13/5/2018 21:51	64.3	67.1	56.0
13/5/2018 21:56	63.4	65.2	55.8
13/5/2018 22:01	64.8	67.7	56.4
13/5/2018 22:06	62.9	66.2	56.0
13/5/2018 22:11	63.3	65.0	56.8
13/5/2018 22:16	64.8	66.9	56.9
13/5/2018 22:21	63.5	65.4	56.4
13/5/2018 22:26	62.6	66.2	56.3
13/5/2018 22:31	62.9	61.6	56.5
13/5/2018 22:36	62.8	59.1	56.6
13/5/2018 22:41	62.2	66.0	56.3
13/5/2018 22:46	62.7	61.1	56.2
13/5/2018 22:51	64.1	65.5	56.8
13/5/2018 22:56	63.5	65.7	57.1



Measured Noise Levels (dB(A)) at NMS-CA-2A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
14/5/2018 19:01	62.8	62.8	56.0
14/5/2018 19:06	65.7	65.4	63.3
14/5/2018 19:11	63.4	64.1	58.3
14/5/2018 19:16	63.8	63.2	57.7
14/5/2018 19:21	60.6	60.3	56.7
14/5/2018 19:26	66.9	69.9	56.7
14/5/2018 19:31	63.2	62.0	56.3
14/5/2018 19:36	63.4	59.6	56.4
14/5/2018 19:41	62.9	64.6	55.7
14/5/2018 19:46	61.9	61.8	54.8
14/5/2018 19:51	62.6	62.9	55.7
14/5/2018 19:56	63.0	61.3	55.4
14/5/2018 20:01	61.4	65.0	55.1
14/5/2018 20:06	63.5	66.5	56.1
14/5/2018 20:11	62.6	58.8	55.3
14/5/2018 20:16	62.0	59.6	55.8
14/5/2018 20:21	63.2	62.7	55.9
14/5/2018 20:26	62.9	62.2	55.5
14/5/2018 20:31	58.9	58.9	54.6
14/5/2018 20:36	62.4	60.6	55.3
14/5/2018 20:41	63.1	61.9	55.0
14/5/2018 20:46	62.7	61.2	54.9
14/5/2018 20:51	62.2	63.2	54.6
14/5/2018 20:56	61.9	57.6	54.8
14/5/2018 21:01	67.2	68.6	55.2
14/5/2018 21:06	62.5	62.0	55.5
14/5/2018 21:11	60.7	62.3	54.6
14/5/2018 21:16	62.9	61.7	54.4
14/5/2018 21:21	61.6	58.3	55.0
14/5/2018 21:26	62.6	61.2	54.6
14/5/2018 21:31	59.4	58.5	55.2
14/5/2018 21:36	64.0	66.7	55.7
14/5/2018 21:41	60.0	59.3	55.8
14/5/2018 21:46	62.4	61.4	54.4
14/5/2018 21:51	63.8	66.8	55.4
14/5/2018 21:56	59.8	59.8	56.8
14/5/2018 22:01	62.3	62.2	54.8
14/5/2018 22:06	59.2	57.8	54.5
14/5/2018 22:11	63.4	66.5	54.4
14/5/2018 22:16	56.9	57.8	54.8
14/5/2018 22:21	63.7	66.0	55.7
14/5/2018 22:26	60.0	60.5	54.7
14/5/2018 22:31	62.7	62.3	55.3
14/5/2018 22:36	57.4	58.0	55.5
14/5/2018 22:41	62.9	62.4	55.9
14/5/2018 22:46	57.1	57.9	54.5
14/5/2018 22:51	62.9	59.5	54.1
14/5/2018 22:56	56.5	57.3	54.5

Measured Noise Levels (dB(A)) at NMS-CA-2A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
15/5/2018 19:01	60.1	58.9	56.4
15/5/2018 19:06	62.9	63.6	56.0
15/5/2018 19:11	61.8	59.6	56.8
15/5/2018 19:16	63.1	61.8	56.9
15/5/2018 19:21	64.1	66.7	56.0
15/5/2018 19:26	60.1	59.4	55.5
15/5/2018 19:31	63.2	62.0	55.5
15/5/2018 19:36	62.9	58.9	55.4
15/5/2018 19:41	62.9	61.4	54.5
15/5/2018 19:46	64.6	64.4	54.3
15/5/2018 19:51	62.6	62.5	55.2
15/5/2018 19:56	63.3	58.8	55.0
15/5/2018 20:01	61.1	64.7	55.5
15/5/2018 20:06	63.4	66.7	55.6
15/5/2018 20:11	62.2	58.1	54.9
15/5/2018 20:16	61.4	58.4	54.7
15/5/2018 20:21	62.6	61.5	55.2
15/5/2018 20:26	60.9	58.5	55.1
15/5/2018 20:31	61.8	62.5	55.1
15/5/2018 20:36	62.5	62.8	54.7
15/5/2018 20:41	65.8	68.6	55.8
15/5/2018 20:46	62.8	60.9	54.9
15/5/2018 20:51	62.0	60.7	55.0
15/5/2018 20:56	62.8	61.5	54.8
15/5/2018 21:01	62.8	58.3	54.2
15/5/2018 21:06	61.9	61.0	54.8
15/5/2018 21:11	61.6	65.6	54.1
15/5/2018 21:16	61.9	62.1	53.7
15/5/2018 21:21	61.6	58.9	55.2
15/5/2018 21:26	62.3	60.8	54.6
15/5/2018 21:31	59.3	58.2	54.5
15/5/2018 21:36	62.3	61.6	55.7
15/5/2018 21:41	62.7	67.0	55.4
15/5/2018 21:46	62.2	57.9	55.0
15/5/2018 21:51	63.8	66.0	55.6
15/5/2018 21:56	59.4	62.0	54.6
15/5/2018 22:01	61.6	61.3	54.0
15/5/2018 22:06	59.5	62.0	54.6
15/5/2018 22:11	64.6	67.8	56.3
15/5/2018 22:16	61.5	64.4	55.1
15/5/2018 22:21	64.9	68.6	55.3
15/5/2018 22:26	62.3	65.4	56.3
15/5/2018 22:31	63.9	66.6	55.6
15/5/2018 22:36	66.5	69.2	55.5
15/5/2018 22:41	63.2	65.8	54.5
15/5/2018 22:46	61.9	65.4	56.6
15/5/2018 22:51	63.1	61.3	55.1
15/5/2018 22:56	57.6	57.9	54.2

Measured Noise Levels (dB(A)) at NMS-CA-2A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
16/5/2018 19:02	63.4	60.4	56.1
16/5/2018 19:07	60.9	60.0	57.4
16/5/2018 19:12	62.9	59.3	57.0
16/5/2018 19:17	62.6	59.0	56.4
16/5/2018 19:22	62.1	59.1	56.1
16/5/2018 19:27	62.7	60.4	55.0
16/5/2018 19:32	63.4	67.0	55.5
16/5/2018 19:37	62.4	62.5	56.0
16/5/2018 19:42	63.8	60.9	56.0
16/5/2018 19:47	63.5	64.6	56.1
16/5/2018 19:52	63.2	59.5	56.4
16/5/2018 19:57	64.3	66.7	57.1
16/5/2018 20:02	63.9	65.9	55.2
16/5/2018 20:07	61.6	64.3	55.8
16/5/2018 20:12	63.1	59.3	56.0
16/5/2018 20:17	62.9	62.5	55.1
16/5/2018 20:22	63.2	61.3	54.8
16/5/2018 20:27	62.0	59.4	55.1
16/5/2018 20:32	61.1	60.1	55.2
16/5/2018 20:37	62.6	63.5	55.6
16/5/2018 20:42	62.5	58.6	54.6
16/5/2018 20:47	62.5	60.9	54.6
16/5/2018 20:52	62.3	61.7	54.3
16/5/2018 20:57	62.7	62.3	54.4
16/5/2018 21:02	61.5	58.9	54.8
16/5/2018 21:07	63.0	62.1	55.4
16/5/2018 21:12	60.9	64.1	54.8
16/5/2018 21:17	65.4	69.0	54.6
16/5/2018 21:22	63.0	61.8	55.3
16/5/2018 21:27	61.3	59.4	54.1
16/5/2018 21:32	59.3	57.4	54.7
16/5/2018 21:37	63.4	66.1	54.3
16/5/2018 21:42	58.3	57.1	53.6
16/5/2018 21:47	61.9	63.7	54.1
16/5/2018 21:52	62.9	65.5	54.0
16/5/2018 21:57	60.0	63.6	54.2
16/5/2018 22:02	65.0	68.5	55.6
16/5/2018 22:07	62.3	66.3	55.6
16/5/2018 22:12	66.0	70.3	56.7
16/5/2018 22:17	63.1	66.8	56.3
16/5/2018 22:22	63.7	64.8	55.9
16/5/2018 22:27	60.4	61.2	55.3
16/5/2018 22:32	65.3	69.1	55.6
16/5/2018 22:37	62.1	65.6	56.1
16/5/2018 22:42	62.9	61.6	55.0
16/5/2018 22:47	60.1	63.9	54.7
16/5/2018 22:52	62.8	63.6	55.0
16/5/2018 22:57	58.1	59.3	54.6

Measured Noise Levels (dB(A)) at NMS-CA-2A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
17/5/2018 19:02	60.6	59.8	56.9
17/5/2018 19:07	63.6	64.3	57.7
17/5/2018 19:12	61.7	58.0	56.0
17/5/2018 19:17	63.2	64.2	55.8
17/5/2018 19:22	62.5	58.5	55.4
17/5/2018 19:27	62.6	62.5	56.1
17/5/2018 19:32	59.4	58.1	55.5
17/5/2018 19:37	62.9	64.8	55.5
17/5/2018 19:42	64.8	67.2	55.6
17/5/2018 19:47	63.1	64.9	55.5
17/5/2018 19:52	62.2	58.8	54.8
17/5/2018 19:57	64.3	68.0	54.4
17/5/2018 20:02	62.8	61.3	54.4
17/5/2018 20:07	61.1	64.9	55.1
17/5/2018 20:12	62.4	58.4	55.0
17/5/2018 20:17	62.7	64.0	55.0
17/5/2018 20:22	62.9	61.4	55.8
17/5/2018 20:27	62.3	60.1	55.7
17/5/2018 20:32	60.4	61.1	55.8
17/5/2018 20:37	62.3	62.1	56.6
17/5/2018 20:42	62.7	60.6	55.8
17/5/2018 20:47	63.3	62.1	56.8
17/5/2018 20:52	62.8	63.2	55.8
17/5/2018 20:57	63.3	64.4	56.2
17/5/2018 21:02	62.8	62.2	56.8
17/5/2018 21:07	63.4	65.1	56.2
17/5/2018 21:12	60.7	62.6	56.4
17/5/2018 21:17	62.3	61.8	54.9
17/5/2018 21:22	62.9	62.2	56.4
17/5/2018 21:27	62.1	58.8	56.0
17/5/2018 21:32	60.0	59.5	55.5
17/5/2018 21:37	63.1	65.8	55.1
17/5/2018 21:42	59.7	58.5	55.4
17/5/2018 21:47	62.1	64.5	53.7
17/5/2018 21:52	63.7	65.6	54.9
17/5/2018 21:57	59.0	62.4	54.6
17/5/2018 22:02	62.8	60.8	55.2
17/5/2018 22:07	58.9	59.5	56.6
17/5/2018 22:12	63.4	62.8	55.8
17/5/2018 22:17	60.1	61.8	55.9
17/5/2018 22:22	62.6	59.5	56.1
17/5/2018 22:27	60.7	63.6	56.3
17/5/2018 22:32	62.4	59.2	55.6
17/5/2018 22:37	58.5	59.2	55.7
17/5/2018 22:42	62.0	58.2	55.0
17/5/2018 22:47	58.2	59.2	55.4
17/5/2018 22:52	62.4	59.3	55.1
17/5/2018 22:57	58.5	59.2	55.9

Average 63.8  
 Min 54.1  
 Max 71.6

Measured Noise Levels (dB(A)) at NMS-CA-2A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
4/5/2018 23:02	66.1	70.0	59.5
4/5/2018 23:07	62.6	66.0	58.3
4/5/2018 23:12	64.0	63.1	57.7
4/5/2018 23:17	63.8	68.1	57.5
4/5/2018 23:22	64.8	66.0	58.8
4/5/2018 23:27	61.4	64.4	57.6
4/5/2018 23:32	65.4	68.8	58.3
4/5/2018 23:37	62.6	65.7	58.6
4/5/2018 23:42	65.0	67.8	57.8
4/5/2018 23:47	62.2	65.3	58.4
4/5/2018 23:52	62.2	63.4	58.1
4/5/2018 23:57	63.3	63.8	56.4
5/5/2018 0:02	64.0	67.1	57.7
5/5/2018 0:07	65.5	69.6	56.6
5/5/2018 0:12	63.4	67.0	56.9
5/5/2018 0:17	65.7	69.2	57.4
5/5/2018 0:22	67.0	70.5	57.2
5/5/2018 0:27	65.7	68.1	56.5
5/5/2018 0:32	63.8	67.7	57.2
5/5/2018 0:37	63.0	67.4	56.6
5/5/2018 0:42	65.0	68.0	55.6
5/5/2018 0:47	63.6	67.3	57.6
5/5/2018 0:52	61.9	65.7	57.1
5/5/2018 0:57	62.8	66.6	55.8
5/5/2018 1:02	60.9	62.3	55.9
5/5/2018 1:07	61.2	64.6	54.4
5/5/2018 1:12	64.8	69.0	56.7
5/5/2018 1:17	61.8	65.4	56.3
5/5/2018 1:22	63.1	67.9	55.6
5/5/2018 1:27	59.2	61.2	55.0
5/5/2018 1:32	61.7	65.0	56.6
5/5/2018 1:37	61.3	63.9	56.4
5/5/2018 1:42	59.5	62.0	54.3
5/5/2018 1:47	57.8	59.5	53.7
5/5/2018 1:52	60.9	64.5	55.7
5/5/2018 1:57	62.7	66.5	55.3
5/5/2018 2:02	60.0	62.8	55.9
5/5/2018 2:07	61.5	65.1	53.7
5/5/2018 2:12	60.7	64.3	53.5
5/5/2018 2:17	60.6	62.2	54.7
5/5/2018 2:22	57.9	60.1	53.0
5/5/2018 2:27	60.0	62.9	54.7
5/5/2018 2:32	63.1	67.2	54.4
5/5/2018 2:37	55.8	58.5	52.1
5/5/2018 2:42	56.3	58.5	52.3
5/5/2018 2:47	57.2	59.5	53.0
5/5/2018 2:52	56.3	58.5	52.9
5/5/2018 2:57	55.6	58.6	51.3
5/5/2018 3:02	59.8	63.6	51.7
5/5/2018 3:07	54.3	57.2	50.6
5/5/2018 3:12	64.0	68.6	52.9
5/5/2018 3:17	53.9	56.9	47.9
5/5/2018 3:22	58.3	62.9	50.9
5/5/2018 3:27	56.6	59.2	52.4

Measured Noise Levels (dB(A)) at NMS-CA-2A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
5/5/2018 3:32	54.9	57.2	51.4
5/5/2018 3:37	54.1	56.8	50.0
5/5/2018 3:42	59.2	63.0	51.9
5/5/2018 3:47	60.6	64.5	53.8
5/5/2018 3:52	54.4	56.9	50.8
5/5/2018 3:57	54.7	57.1	51.6
5/5/2018 4:02	60.9	65.3	51.6
5/5/2018 4:07	64.0	68.3	51.8
5/5/2018 4:12	55.2	58.2	50.8
5/5/2018 4:17	61.5	65.7	51.0
5/5/2018 4:22	58.2	62.1	51.0
5/5/2018 4:27	59.0	63.2	50.4
5/5/2018 4:32	59.7	64.2	51.6
5/5/2018 4:37	61.2	64.8	52.8
5/5/2018 4:42	59.3	62.3	52.3
5/5/2018 4:47	54.6	56.7	52.1
5/5/2018 4:52	56.2	58.5	52.3
5/5/2018 4:57	56.2	58.3	52.8
5/5/2018 5:02	55.9	57.6	53.4
5/5/2018 5:07	55.3	57.2	52.5
5/5/2018 5:12	56.0	57.9	53.8
5/5/2018 5:17	56.0	58.0	53.5
5/5/2018 5:22	58.3	60.1	53.4
5/5/2018 5:27	57.0	58.5	54.2
5/5/2018 5:32	56.8	58.6	54.5
5/5/2018 5:37	60.2	63.5	55.3
5/5/2018 5:42	59.2	61.1	56.3
5/5/2018 5:47	61.8	64.4	56.6
5/5/2018 5:52	61.4	65.5	56.3
5/5/2018 5:57	61.8	65.9	56.3
5/5/2018 6:02	63.3	65.2	56.1
5/5/2018 6:07	58.3	60.7	54.7
5/5/2018 6:12	62.8	60.7	56.1
5/5/2018 6:17	59.0	59.4	55.9
5/5/2018 6:22	61.8	60.6	56.1
5/5/2018 6:27	62.7	65.4	54.5
5/5/2018 6:32	64.5	66.6	56.6
5/5/2018 6:37	60.2	62.9	55.8
5/5/2018 6:42	62.8	60.2	55.3
5/5/2018 6:47	63.0	66.7	57.6
5/5/2018 6:52	63.2	60.7	56.2
5/5/2018 6:57	61.7	65.9	55.8

Measured Noise Levels (dB(A)) at NMS-CA-2A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
5/5/2018 23:02	62.9	61.9	55.5
5/5/2018 23:07	62.4	66.4	56.6
5/5/2018 23:12	63.3	62.0	56.4
5/5/2018 23:17	59.2	60.3	56.2
5/5/2018 23:22	63.2	62.9	55.1
5/5/2018 23:27	61.0	64.0	56.5
5/5/2018 23:32	62.3	63.2	55.1
5/5/2018 23:37	59.2	63.0	54.4
5/5/2018 23:42	65.8	69.1	54.9
5/5/2018 23:47	58.8	61.7	54.3
5/5/2018 23:52	61.5	64.6	54.7
5/5/2018 23:57	61.6	58.8	52.5
6/5/2018 0:02	60.0	61.5	54.7
6/5/2018 0:07	62.7	65.7	54.3
6/5/2018 0:12	62.1	65.3	55.5
6/5/2018 0:17	63.8	66.8	53.7
6/5/2018 0:22	60.8	63.3	54.2
6/5/2018 0:27	62.8	64.8	53.2
6/5/2018 0:32	64.8	66.1	54.1
6/5/2018 0:37	60.4	64.0	53.3
6/5/2018 0:42	63.4	65.6	53.5
6/5/2018 0:47	60.9	64.9	53.7
6/5/2018 0:52	58.2	61.9	51.8
6/5/2018 0:57	62.0	65.8	54.7
6/5/2018 1:02	60.1	62.6	52.1
6/5/2018 1:07	57.5	60.6	51.4
6/5/2018 1:12	63.5	68.5	54.5
6/5/2018 1:17	56.8	59.1	51.6
6/5/2018 1:22	62.8	67.2	54.1
6/5/2018 1:27	59.7	62.9	55.0
6/5/2018 1:32	59.3	61.3	53.0
6/5/2018 1:37	60.1	63.4	50.6
6/5/2018 1:42	60.0	64.4	50.1
6/5/2018 1:47	55.8	58.9	49.7
6/5/2018 1:52	57.0	60.3	50.4
6/5/2018 1:57	53.4	56.6	48.0
6/5/2018 2:02	57.6	62.0	50.6
6/5/2018 2:07	57.8	60.9	48.9
6/5/2018 2:12	56.8	59.9	50.7
6/5/2018 2:17	56.4	59.4	50.2
6/5/2018 2:22	58.6	62.5	49.5
6/5/2018 2:27	58.8	63.3	48.6
6/5/2018 2:32	55.0	58.5	47.6
6/5/2018 2:37	61.6	64.7	49.9
6/5/2018 2:42	52.7	55.1	48.4
6/5/2018 2:47	51.6	53.9	47.4
6/5/2018 2:52	52.3	54.8	48.6
6/5/2018 2:57	59.1	63.0	50.2
6/5/2018 3:02	51.8	54.3	47.5
6/5/2018 3:07	53.4	56.1	47.2
6/5/2018 3:12	53.9	55.2	47.2
6/5/2018 3:17	56.2	58.8	46.9
6/5/2018 3:22	51.7	54.6	47.1
6/5/2018 3:27	57.4	62.9	47.9

Measured Noise Levels (dB(A)) at NMS-CA-2A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
6/5/2018 3:32	58.9	62.2	47.3
6/5/2018 3:37	57.9	63.1	47.9
6/5/2018 3:42	55.2	58.5	46.5
6/5/2018 3:47	54.7	58.5	46.2
6/5/2018 3:52	58.9	62.7	47.9
6/5/2018 3:57	52.2	54.9	45.0
6/5/2018 4:02	58.4	62.8	50.2
6/5/2018 4:07	57.6	62.7	47.8
6/5/2018 4:12	60.2	64.6	49.4
6/5/2018 4:17	55.8	58.5	49.7
6/5/2018 4:22	56.0	58.1	48.8
6/5/2018 4:27	62.9	67.7	51.1
6/5/2018 4:32	58.5	62.7	49.2
6/5/2018 4:37	62.6	66.8	50.3
6/5/2018 4:42	56.8	59.8	51.0
6/5/2018 4:47	58.0	61.3	51.2
6/5/2018 4:52	54.8	57.2	50.8
6/5/2018 4:57	56.8	59.3	50.1
6/5/2018 5:02	61.1	64.1	52.6
6/5/2018 5:07	60.3	64.5	53.5
6/5/2018 5:12	60.1	62.8	53.5
6/5/2018 5:17	56.7	56.8	52.7
6/5/2018 5:22	58.5	62.5	53.3
6/5/2018 5:27	55.6	57.6	52.1
6/5/2018 5:32	55.9	57.6	53.2
6/5/2018 5:37	61.1	63.6	53.8
6/5/2018 5:42	58.1	60.3	53.7
6/5/2018 5:47	58.1	59.5	55.0
6/5/2018 5:52	56.5	58.0	54.9
6/5/2018 5:57	62.9	67.2	54.0
6/5/2018 6:02	61.6	58.6	54.8
6/5/2018 6:07	58.8	63.3	53.8
6/5/2018 6:12	61.4	58.6	55.1
6/5/2018 6:17	58.9	63.1	54.4
6/5/2018 6:22	57.7	57.4	53.9
6/5/2018 6:27	56.6	57.7	53.8
6/5/2018 6:32	65.1	66.9	54.1
6/5/2018 6:37	62.8	65.9	54.4
6/5/2018 6:42	62.7	64.3	54.0
6/5/2018 6:47	58.5	60.0	54.8
6/5/2018 6:52	62.6	59.2	56.0
6/5/2018 6:57	64.0	66.4	55.5

Measured Noise Levels (dB(A)) at NMS-CA-2A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
6/5/2018 23:02	63.6	61.4	56.9
6/5/2018 23:07	62.5	64.0	55.9
6/5/2018 23:12	63.5	61.6	56.7
6/5/2018 23:17	62.1	65.2	56.2
6/5/2018 23:22	64.2	64.8	56.0
6/5/2018 23:27	62.9	66.5	57.4
6/5/2018 23:32	64.9	65.7	57.5
6/5/2018 23:37	60.7	63.4	56.6
6/5/2018 23:42	63.7	62.8	56.5
6/5/2018 23:47	60.0	61.9	56.6
6/5/2018 23:52	62.5	64.6	57.5
6/5/2018 23:57	63.7	64.6	55.9
7/5/2018 0:02	62.2	64.7	55.9
7/5/2018 0:07	64.0	66.6	56.9
7/5/2018 0:12	63.8	66.3	55.3
7/5/2018 0:17	64.0	66.0	54.9
7/5/2018 0:22	57.6	59.2	54.7
7/5/2018 0:27	63.5	62.0	54.3
7/5/2018 0:32	60.5	63.9	52.2
7/5/2018 0:37	60.5	63.2	53.4
7/5/2018 0:42	64.1	65.4	54.9
7/5/2018 0:47	61.0	62.5	55.6
7/5/2018 0:52	59.8	64.1	54.2
7/5/2018 0:57	61.0	64.1	55.9
7/5/2018 1:02	60.4	59.8	55.6
7/5/2018 1:07	57.5	59.0	53.7
7/5/2018 1:12	62.7	67.1	54.9
7/5/2018 1:17	61.2	65.0	53.7
7/5/2018 1:22	58.1	60.0	51.7
7/5/2018 1:27	54.0	55.7	51.9
7/5/2018 1:32	54.5	56.0	52.5
7/5/2018 1:37	54.2	55.8	50.9
7/5/2018 1:42	56.4	59.0	51.8
7/5/2018 1:47	59.2	60.2	58.2
7/5/2018 1:52	58.9	59.5	58.1
7/5/2018 1:57	59.0	59.9	57.9
7/5/2018 2:02	58.6	59.4	57.7
7/5/2018 2:07	58.1	58.9	57.2
7/5/2018 2:12	58.3	59.1	57.1
7/5/2018 2:17	57.9	58.7	57.0
7/5/2018 2:22	58.7	59.6	57.8
7/5/2018 2:27	58.9	59.7	57.3
7/5/2018 2:32	59.4	60.7	57.6
7/5/2018 2:37	58.5	59.4	57.5
7/5/2018 2:42	61.7	60.3	57.9
7/5/2018 2:47	58.5	59.6	57.4
7/5/2018 2:52	58.5	59.2	57.6
7/5/2018 2:57	59.3	60.6	57.8
7/5/2018 3:02	58.9	59.6	57.9
7/5/2018 3:07	59.9	60.2	58.2
7/5/2018 3:12	58.3	59.1	57.4
7/5/2018 3:17	61.0	61.4	57.8
7/5/2018 3:22	58.4	59.7	57.0
7/5/2018 3:27	59.5	60.5	57.8

Measured Noise Levels (dB(A)) at NMS-CA-2A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
7/5/2018 3:32	58.3	59.3	57.2
7/5/2018 3:37	58.6	59.8	57.1
7/5/2018 3:42	57.9	58.7	57.0
7/5/2018 3:47	58.1	59.0	57.2
7/5/2018 3:52	57.9	58.6	57.2
7/5/2018 3:57	57.2	57.8	56.5
7/5/2018 4:02	57.6	58.7	56.4
7/5/2018 4:07	64.4	61.5	56.7
7/5/2018 4:12	56.7	57.8	54.4
7/5/2018 4:17	51.2	53.6	47.9
7/5/2018 4:22	50.9	53.2	47.3
7/5/2018 4:27	50.3	52.5	46.9
7/5/2018 4:32	50.0	52.3	46.2
7/5/2018 4:37	52.3	54.1	49.6
7/5/2018 4:42	62.3	61.0	50.5
7/5/2018 4:47	53.1	55.4	50.4
7/5/2018 4:52	54.8	56.7	51.2
7/5/2018 4:57	54.9	56.3	53.0
7/5/2018 5:02	55.3	57.3	52.6
7/5/2018 5:07	55.8	58.1	52.1
7/5/2018 5:12	55.5	57.0	53.0
7/5/2018 5:17	57.4	59.4	53.9
7/5/2018 5:22	58.4	60.6	53.6
7/5/2018 5:27	60.8	61.8	55.3
7/5/2018 5:32	57.3	58.3	56.2
7/5/2018 5:37	58.1	59.4	56.6
7/5/2018 5:42	62.5	64.0	56.3
7/5/2018 5:47	58.9	59.8	55.7
7/5/2018 5:52	59.0	60.7	55.9
7/5/2018 5:57	59.5	60.6	56.6
7/5/2018 6:02	62.6	60.5	56.3
7/5/2018 6:07	60.0	61.5	57.1
7/5/2018 6:12	62.5	59.5	55.8
7/5/2018 6:17	59.5	63.2	56.1
7/5/2018 6:22	63.5	59.4	55.4
7/5/2018 6:27	59.4	60.2	55.8
7/5/2018 6:32	63.8	63.8	56.0
7/5/2018 6:37	60.4	63.2	57.2
7/5/2018 6:42	64.4	62.1	57.1
7/5/2018 6:47	63.5	62.3	57.6
7/5/2018 6:52	64.1	63.5	57.6
7/5/2018 6:57	61.3	62.7	57.4

Measured Noise Levels (dB(A)) at NMS-CA-2A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
7/5/2018 23:04	66.8	70.3	57.6
7/5/2018 23:09	70.3	72.9	60.0
7/5/2018 23:14	63.7	65.8	58.6
7/5/2018 23:19	70.2	74.0	58.7
7/5/2018 23:24	72.1	76.0	61.5
7/5/2018 23:29	79.7	82.7	67.0
7/5/2018 23:34	78.5	81.7	69.8
7/5/2018 23:39	79.5	82.5	69.2
7/5/2018 23:44	74.6	77.3	62.4
7/5/2018 23:49	74.2	77.4	65.5
7/5/2018 23:54	79.3	82.6	67.0
7/5/2018 23:59	76.2	79.0	67.9
8/5/2018 0:04	73.6	76.9	64.2
8/5/2018 0:09	68.3	71.2	58.7
8/5/2018 0:14	68.8	69.6	58.3
8/5/2018 0:19	64.4	68.1	57.1
8/5/2018 0:24	71.3	74.5	59.8
8/5/2018 0:29	65.6	68.5	57.4
8/5/2018 0:34	67.7	70.9	60.0
8/5/2018 0:39	73.0	73.0	58.0
8/5/2018 0:44	63.2	65.2	57.4
8/5/2018 0:49	73.2	76.3	64.2
8/5/2018 0:54	71.4	74.7	62.3
8/5/2018 0:59	78.5	80.8	57.6
8/5/2018 1:04	78.1	81.0	61.6
8/5/2018 1:09	59.4	61.7	56.2
8/5/2018 1:14	64.1	68.0	57.7
8/5/2018 1:19	62.5	66.3	55.4
8/5/2018 1:24	59.8	61.0	56.8
8/5/2018 1:29	61.8	65.5	57.4
8/5/2018 1:34	60.4	62.6	58.2
8/5/2018 1:39	61.7	63.1	57.8
8/5/2018 1:44	58.6	60.2	56.5
8/5/2018 1:49	59.0	60.1	56.7
8/5/2018 1:54	57.8	59.4	55.3
8/5/2018 1:59	58.1	60.2	55.1
8/5/2018 2:04	58.2	60.5	55.1
8/5/2018 2:09	57.6	59.9	55.0
8/5/2018 2:14	58.8	60.5	56.5
8/5/2018 2:19	58.7	61.2	55.3
8/5/2018 2:24	57.8	60.0	54.0
8/5/2018 2:29	58.7	60.9	54.9
8/5/2018 2:34	56.3	58.1	53.8
8/5/2018 2:39	56.8	59.3	53.2
8/5/2018 2:44	55.9	58.4	52.4
8/5/2018 2:49	57.9	61.0	54.2
8/5/2018 2:54	58.7	60.5	55.3
8/5/2018 2:59	57.4	58.9	54.1
8/5/2018 3:04	55.8	58.3	50.6
8/5/2018 3:09	57.0	59.4	52.6
8/5/2018 3:14	54.5	56.6	51.4
8/5/2018 3:19	55.6	58.0	50.9
8/5/2018 3:24	55.0	57.7	48.4
8/5/2018 3:29	56.0	57.3	49.3

Measured Noise Levels (dB(A)) at NMS-CA-2A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
8/5/2018 3:34	55.4	57.6	52.3
8/5/2018 3:39	55.0	57.6	49.9
8/5/2018 3:44	55.4	58.5	50.4
8/5/2018 3:49	54.3	56.8	50.0
8/5/2018 3:54	57.5	61.1	52.4
8/5/2018 3:59	56.1	58.7	52.7
8/5/2018 4:04	57.1	59.8	53.1
8/5/2018 4:09	57.4	59.4	52.4
8/5/2018 4:14	56.4	59.7	51.4
8/5/2018 4:19	55.8	58.6	51.3
8/5/2018 4:24	58.8	60.6	50.3
8/5/2018 4:29	56.0	58.1	52.9
8/5/2018 4:34	57.8	60.7	53.5
8/5/2018 4:39	56.4	59.9	51.6
8/5/2018 4:44	57.4	60.2	53.8
8/5/2018 4:49	57.8	60.3	53.0
8/5/2018 4:54	56.0	58.3	51.9
8/5/2018 4:59	55.2	57.3	52.4
8/5/2018 5:04	55.7	57.2	53.9
8/5/2018 5:09	55.3	57.0	53.4
8/5/2018 5:14	57.8	60.1	54.4
8/5/2018 5:19	58.8	61.1	55.1
8/5/2018 5:24	63.7	64.4	55.0
8/5/2018 5:29	59.8	62.1	55.6
8/5/2018 5:34	61.0	63.8	57.9
8/5/2018 5:39	59.2	61.1	56.4
8/5/2018 5:44	60.4	63.1	57.1
8/5/2018 5:49	61.1	62.7	58.5
8/5/2018 5:54	60.7	63.5	58.0
8/5/2018 5:59	60.8	63.2	57.9
8/5/2018 6:04	62.8	63.0	58.5
8/5/2018 6:09	59.8	61.0	57.8
8/5/2018 6:14	62.4	61.1	58.7
8/5/2018 6:19	60.5	61.4	58.6
8/5/2018 6:24	62.9	62.5	58.4
8/5/2018 6:29	60.4	61.6	57.0
8/5/2018 6:34	63.6	64.4	58.8
8/5/2018 6:39	61.2	62.5	59.1
8/5/2018 6:44	64.1	64.1	59.7
8/5/2018 6:49	63.3	63.1	58.2
8/5/2018 6:54	63.4	61.5	58.8
8/5/2018 6:59	63.8	65.0	59.1

Measured Noise Levels (dB(A)) at NMS-CA-2A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
8/5/2018 23:04	63.0	66.9	56.7
8/5/2018 23:09	63.5	64.2	57.3
8/5/2018 23:14	62.3	65.3	57.6
8/5/2018 23:19	62.9	66.2	57.2
8/5/2018 23:24	63.8	64.7	57.3
8/5/2018 23:29	62.5	66.5	56.1
8/5/2018 23:34	64.0	66.9	55.4
8/5/2018 23:39	62.1	66.1	55.3
8/5/2018 23:44	63.1	62.8	55.8
8/5/2018 23:49	60.5	64.1	56.0
8/5/2018 23:54	64.7	67.7	56.5
8/5/2018 23:59	62.3	65.2	55.4
9/5/2018 0:04	60.3	63.4	55.5
9/5/2018 0:09	64.8	67.4	56.3
9/5/2018 0:14	61.9	65.6	55.1
9/5/2018 0:19	65.3	69.7	54.0
9/5/2018 0:24	62.5	66.6	54.7
9/5/2018 0:29	66.2	69.6	55.7
9/5/2018 0:34	58.9	59.1	55.1
9/5/2018 0:39	62.0	66.6	54.9
9/5/2018 0:44	64.0	67.8	55.1
9/5/2018 0:49	63.8	68.1	55.1
9/5/2018 0:54	62.3	65.8	56.2
9/5/2018 0:59	62.7	66.3	55.2
9/5/2018 1:04	61.2	64.5	55.5
9/5/2018 1:09	62.4	66.8	54.2
9/5/2018 1:14	61.8	64.7	54.5
9/5/2018 1:19	60.0	62.0	52.5
9/5/2018 1:24	60.4	64.7	50.3
9/5/2018 1:29	62.5	66.8	54.2
9/5/2018 1:34	56.3	58.7	52.7
9/5/2018 1:39	56.5	58.8	53.8
9/5/2018 1:44	56.5	58.6	52.6
9/5/2018 1:49	55.4	57.6	50.2
9/5/2018 1:54	54.2	56.5	50.2
9/5/2018 1:59	54.9	57.2	51.1
9/5/2018 2:04	55.5	57.9	51.8
9/5/2018 2:09	56.1	58.0	52.9
9/5/2018 2:14	56.5	59.2	52.0
9/5/2018 2:19	54.3	56.2	51.4
9/5/2018 2:24	55.5	57.5	52.4
9/5/2018 2:29	55.2	57.4	51.6
9/5/2018 2:34	54.0	55.9	51.1
9/5/2018 2:39	54.3	56.7	50.8
9/5/2018 2:44	56.1	58.5	52.2
9/5/2018 2:49	56.1	58.2	52.0
9/5/2018 2:54	55.0	57.3	50.4
9/5/2018 2:59	55.5	57.9	49.7
9/5/2018 3:04	54.1	56.0	50.1
9/5/2018 3:09	53.5	56.2	47.0
9/5/2018 3:14	53.9	55.9	50.6
9/5/2018 3:19	52.5	55.8	46.2
9/5/2018 3:24	54.4	57.9	47.5
9/5/2018 3:29	49.8	52.5	46.0

Measured Noise Levels (dB(A)) at NMS-CA-2A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
9/5/2018 3:34	57.1	60.2	51.4
9/5/2018 3:39	55.8	58.6	49.9
9/5/2018 3:44	53.1	56.8	45.2
9/5/2018 3:49	53.6	56.5	48.0
9/5/2018 3:54	53.7	56.7	47.2
9/5/2018 3:59	54.5	58.0	47.1
9/5/2018 4:04	56.5	60.2	48.6
9/5/2018 4:09	62.5	63.9	50.0
9/5/2018 4:14	54.7	58.4	48.0
9/5/2018 4:19	56.5	59.7	49.3
9/5/2018 4:24	59.0	62.2	51.8
9/5/2018 4:29	57.3	60.7	51.7
9/5/2018 4:34	55.4	57.9	51.4
9/5/2018 4:39	62.0	62.1	51.6
9/5/2018 4:44	54.8	56.7	51.6
9/5/2018 4:49	55.2	56.6	53.7
9/5/2018 4:54	54.6	56.3	52.3
9/5/2018 4:59	55.6	57.2	53.5
9/5/2018 5:04	54.5	57.3	50.2
9/5/2018 5:09	54.6	56.4	52.2
9/5/2018 5:14	56.1	57.7	54.1
9/5/2018 5:19	58.1	60.5	54.0
9/5/2018 5:24	57.3	58.1	52.1
9/5/2018 5:29	55.9	57.5	53.0
9/5/2018 5:34	57.4	58.2	53.5
9/5/2018 5:39	57.3	58.4	56.0
9/5/2018 5:44	58.7	61.0	55.1
9/5/2018 5:49	59.3	60.8	56.6
9/5/2018 5:54	60.0	60.5	56.4
9/5/2018 5:59	59.4	60.9	56.2
9/5/2018 6:04	62.9	60.5	56.5
9/5/2018 6:09	60.0	60.2	56.6
9/5/2018 6:14	62.8	61.4	57.0
9/5/2018 6:19	59.9	61.1	57.1
9/5/2018 6:24	63.6	61.6	57.5
9/5/2018 6:29	59.7	60.5	56.9
9/5/2018 6:34	63.7	65.1	57.5
9/5/2018 6:39	62.1	61.9	57.3
9/5/2018 6:44	62.3	61.5	57.6
9/5/2018 6:49	64.1	65.7	58.3
9/5/2018 6:54	63.7	61.4	57.9
9/5/2018 6:59	63.6	64.4	58.1

Measured Noise Levels (dB(A)) at NMS-CA-2A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
9/5/2018 23:04	63.3	65.1	59.9
9/5/2018 23:09	64.2	66.7	60.7
9/5/2018 23:14	64.7	65.2	60.7
9/5/2018 23:19	66.0	66.3	60.8
9/5/2018 23:24	62.2	63.5	60.4
9/5/2018 23:29	64.5	66.8	61.1
9/5/2018 23:34	64.2	64.5	60.3
9/5/2018 23:39	62.9	64.6	60.5
9/5/2018 23:44	64.9	64.9	60.1
9/5/2018 23:49	62.1	64.0	59.6
9/5/2018 23:54	65.4	67.6	59.9
9/5/2018 23:59	65.1	68.7	59.5
10/5/2018 0:04	62.3	63.7	59.2
10/5/2018 0:09	65.5	67.9	59.4
10/5/2018 0:14	63.2	66.5	59.5
10/5/2018 0:19	65.0	66.0	59.1
10/5/2018 0:24	62.9	64.0	59.0
10/5/2018 0:29	64.9	67.4	58.0
10/5/2018 0:34	63.7	66.7	59.8
10/5/2018 0:39	63.4	65.3	59.8
10/5/2018 0:44	64.6	66.5	58.3
10/5/2018 0:49	64.4	67.3	59.5
10/5/2018 0:54	63.2	65.7	60.3
10/5/2018 0:59	64.2	67.6	59.1
10/5/2018 1:04	64.6	66.9	60.4
10/5/2018 1:09	63.3	66.0	58.9
10/5/2018 1:14	64.2	67.3	59.6
10/5/2018 1:19	63.1	65.3	59.2
10/5/2018 1:24	63.1	66.2	58.3
10/5/2018 1:29	62.0	64.0	58.4
10/5/2018 1:34	62.7	64.9	59.0
10/5/2018 1:39	61.1	63.0	58.3
10/5/2018 1:44	63.2	66.1	59.3
10/5/2018 1:49	63.5	64.5	61.8
10/5/2018 1:54	62.8	64.3	61.4
10/5/2018 1:59	62.2	63.3	61.0
10/5/2018 2:04	62.6	64.2	61.1
10/5/2018 2:09	63.0	64.6	61.3
10/5/2018 2:14	63.0	64.4	61.4
10/5/2018 2:19	63.2	65.3	61.2
10/5/2018 2:24	64.8	65.7	60.5
10/5/2018 2:29	68.0	70.0	61.2
10/5/2018 2:34	67.7	70.4	61.4
10/5/2018 2:39	71.8	73.8	62.2
10/5/2018 2:44	72.9	75.1	63.1
10/5/2018 2:49	75.8	77.1	62.9
10/5/2018 2:54	65.0	67.6	61.2
10/5/2018 2:59	63.1	64.3	61.0
10/5/2018 3:04	61.9	63.1	60.5
10/5/2018 3:09	62.4	63.8	60.8
10/5/2018 3:14	62.7	63.8	61.6
10/5/2018 3:19	63.4	65.1	60.7
10/5/2018 3:24	62.8	63.9	61.2
10/5/2018 3:29	62.9	64.6	60.9

Measured Noise Levels (dB(A)) at NMS-CA-2A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
10/5/2018 3:34	61.3	62.5	59.9
10/5/2018 3:39	63.4	65.5	60.2
10/5/2018 3:44	64.1	67.9	59.9
10/5/2018 3:49	62.2	64.3	59.7
10/5/2018 3:54	64.0	66.1	60.3
10/5/2018 3:59	64.0	67.1	60.4
10/5/2018 4:04	63.7	66.7	60.6
10/5/2018 4:09	64.0	66.0	60.4
10/5/2018 4:14	63.2	64.6	60.5
10/5/2018 4:19	62.5	64.1	60.8
10/5/2018 4:24	62.7	65.2	60.2
10/5/2018 4:29	61.5	62.6	60.4
10/5/2018 4:34	61.2	62.2	60.1
10/5/2018 4:39	63.3	65.2	60.8
10/5/2018 4:44	62.5	65.9	57.0
10/5/2018 4:49	59.8	62.1	56.1
10/5/2018 4:54	59.9	62.1	56.7
10/5/2018 4:59	59.5	61.4	56.4
10/5/2018 5:04	59.5	61.7	56.5
10/5/2018 5:09	59.7	62.2	56.3
10/5/2018 5:14	60.8	62.9	58.2
10/5/2018 5:19	62.7	65.5	57.5
10/5/2018 5:24	68.9	66.4	58.2
10/5/2018 5:29	60.8	62.4	58.4
10/5/2018 5:34	62.7	64.9	59.2
10/5/2018 5:39	62.0	64.5	58.5
10/5/2018 5:44	61.9	63.9	59.0
10/5/2018 5:49	61.8	63.3	59.4
10/5/2018 5:54	62.9	65.6	59.9
10/5/2018 5:59	66.3	65.6	60.4
10/5/2018 6:04	64.4	64.3	60.2
10/5/2018 6:09	63.3	64.9	61.2
10/5/2018 6:14	65.0	65.8	60.9
10/5/2018 6:19	64.9	67.3	61.2
10/5/2018 6:24	65.2	65.3	60.7
10/5/2018 6:29	63.3	65.1	61.0
10/5/2018 6:34	65.3	66.3	61.2
10/5/2018 6:39	63.7	65.5	61.4
10/5/2018 6:44	65.5	65.6	61.5
10/5/2018 6:49	65.3	66.0	61.3
10/5/2018 6:54	65.9	66.1	61.7
10/5/2018 6:59	65.0	66.7	61.3



Measured Noise Levels (dB(A)) at NMS-CA-2A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
10/5/2018 23:01	65.7	68.0	60.9
10/5/2018 23:06	64.2	66.9	60.8
10/5/2018 23:11	66.7	68.6	60.9
10/5/2018 23:16	63.7	65.6	61.0
10/5/2018 23:21	65.3	66.9	60.8
10/5/2018 23:26	63.9	66.1	61.6
10/5/2018 23:31	65.2	65.8	60.1
10/5/2018 23:36	62.9	65.6	59.7
10/5/2018 23:41	64.0	66.2	60.3
10/5/2018 23:46	65.0	67.7	59.4
10/5/2018 23:51	62.8	64.0	59.7
10/5/2018 23:56	65.1	66.9	61.0
11/5/2018 0:01	64.9	67.9	59.8
11/5/2018 0:06	65.9	68.1	60.0
11/5/2018 0:11	65.8	69.4	60.2
11/5/2018 0:16	64.4	67.2	59.9
11/5/2018 0:21	65.4	67.3	58.8
11/5/2018 0:26	64.8	65.9	59.0
11/5/2018 0:31	63.3	67.1	58.3
11/5/2018 0:36	64.5	68.0	58.2
11/5/2018 0:41	65.0	69.2	58.9
11/5/2018 0:46	66.7	69.7	59.5
11/5/2018 0:51	63.8	67.4	57.2
11/5/2018 0:56	64.2	67.1	58.2
11/5/2018 1:01	64.2	68.1	58.5
11/5/2018 1:06	62.5	65.3	57.8
11/5/2018 1:11	64.7	69.2	57.7
11/5/2018 1:16	64.8	68.2	59.0
11/5/2018 1:21	64.5	68.2	58.9
11/5/2018 1:26	62.9	66.7	57.1
11/5/2018 1:31	59.8	61.7	57.0
11/5/2018 1:36	60.2	62.1	57.3
11/5/2018 1:41	59.7	61.7	57.0
11/5/2018 1:46	60.5	62.7	57.5
11/5/2018 1:51	60.7	62.6	57.6
11/5/2018 1:56	59.3	61.1	56.9
11/5/2018 2:01	59.5	61.5	57.0
11/5/2018 2:06	60.8	63.2	56.8
11/5/2018 2:11	59.8	61.7	57.1
11/5/2018 2:16	59.1	61.3	56.1
11/5/2018 2:21	58.4	60.3	55.2
11/5/2018 2:26	59.1	61.8	55.2
11/5/2018 2:31	57.6	59.4	55.1
11/5/2018 2:36	57.6	60.0	53.8
11/5/2018 2:41	58.4	59.9	56.4
11/5/2018 2:46	57.9	60.2	55.0
11/5/2018 2:51	57.5	60.2	54.1
11/5/2018 2:56	56.9	58.9	54.2
11/5/2018 3:01	56.4	58.3	54.0
11/5/2018 3:06	56.5	58.6	52.9
11/5/2018 3:11	55.7	57.7	52.7
11/5/2018 3:16	55.1	57.2	52.1
11/5/2018 3:21	56.3	57.7	51.4
11/5/2018 3:26	55.2	57.4	51.2

Measured Noise Levels (dB(A)) at NMS-CA-2A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
11/5/2018 3:31	55.7	58.1	52.2
11/5/2018 3:36	56.3	58.8	52.0
11/5/2018 3:41	56.3	58.4	53.4
11/5/2018 3:46	53.2	55.5	49.5
11/5/2018 3:51	55.6	57.9	52.3
11/5/2018 3:56	55.2	57.3	52.3
11/5/2018 4:01	55.0	57.4	50.6
11/5/2018 4:06	56.3	58.3	51.8
11/5/2018 4:11	56.2	58.5	50.9
11/5/2018 4:16	56.2	58.8	51.1
11/5/2018 4:21	55.2	57.7	51.7
11/5/2018 4:26	54.6	57.2	50.9
11/5/2018 4:31	56.7	59.4	52.4
11/5/2018 4:36	56.5	58.4	53.6
11/5/2018 4:41	55.7	57.9	52.9
11/5/2018 4:46	57.0	59.8	53.3
11/5/2018 4:51	57.9	60.0	54.5
11/5/2018 4:56	56.4	58.9	53.4
11/5/2018 5:01	57.2	59.3	54.5
11/5/2018 5:06	56.6	58.6	53.9
11/5/2018 5:11	56.3	58.1	54.4
11/5/2018 5:16	58.6	60.9	55.0
11/5/2018 5:21	62.1	63.7	55.3
11/5/2018 5:26	58.3	59.9	56.1
11/5/2018 5:31	58.7	60.3	56.6
11/5/2018 5:36	60.1	61.8	57.6
11/5/2018 5:41	60.6	62.1	57.4
11/5/2018 5:46	60.9	62.7	58.0
11/5/2018 5:51	61.4	64.1	58.2
11/5/2018 5:56	61.6	64.3	58.1
11/5/2018 6:01	63.4	61.4	56.8
11/5/2018 6:06	60.6	62.1	57.8
11/5/2018 6:11	60.5	61.9	57.7
11/5/2018 6:16	63.3	62.8	57.7
11/5/2018 6:21	63.5	62.9	58.9
11/5/2018 6:26	62.0	62.7	59.1
11/5/2018 6:31	62.9	62.4	58.4
11/5/2018 6:36	63.2	63.1	57.7
11/5/2018 6:41	64.4	64.7	58.8
11/5/2018 6:46	63.3	63.0	58.9
11/5/2018 6:51	62.4	63.3	59.1
11/5/2018 6:56	64.3	63.6	58.9

Measured Noise Levels (dB(A)) at NMS-CA-2A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
11/5/2018 23:01	65.8	68.0	59.8
11/5/2018 23:06	63.0	65.7	60.2
11/5/2018 23:11	64.8	67.2	58.8
11/5/2018 23:16	63.0	65.7	59.3
11/5/2018 23:21	65.7	69.0	58.9
11/5/2018 23:26	61.3	63.6	59.0
11/5/2018 23:31	64.4	67.1	58.3
11/5/2018 23:36	62.6	65.8	58.7
11/5/2018 23:41	64.0	67.5	58.7
11/5/2018 23:46	62.7	60.9	58.4
11/5/2018 23:51	64.2	67.7	58.0
11/5/2018 23:56	63.3	64.8	58.3
12/5/2018 0:01	63.8	68.2	56.9
12/5/2018 0:06	64.9	67.5	56.9
12/5/2018 0:11	63.5	66.7	56.8
12/5/2018 0:16	62.6	65.2	56.5
12/5/2018 0:21	65.5	70.2	55.8
12/5/2018 0:26	65.4	69.7	56.1
12/5/2018 0:31	62.2	65.8	56.5
12/5/2018 0:36	64.7	69.3	56.8
12/5/2018 0:41	64.9	68.4	56.3
12/5/2018 0:46	63.2	67.5	56.4
12/5/2018 0:51	62.2	66.1	56.6
12/5/2018 0:56	64.7	68.3	57.3
12/5/2018 1:01	64.6	68.5	57.2
12/5/2018 1:06	60.4	63.9	56.7
12/5/2018 1:11	64.5	68.7	56.6
12/5/2018 1:16	63.1	67.1	55.2
12/5/2018 1:21	62.9	66.8	55.0
12/5/2018 1:26	62.0	66.1	53.7
12/5/2018 1:31	59.6	63.4	53.0
12/5/2018 1:36	61.2	65.4	53.5
12/5/2018 1:41	58.6	62.2	53.5
12/5/2018 1:46	61.9	66.2	53.9
12/5/2018 1:51	61.6	66.2	53.9
12/5/2018 1:56	55.9	57.3	53.8
12/5/2018 2:01	61.0	65.1	53.9
12/5/2018 2:06	57.4	59.5	53.1
12/5/2018 2:11	60.4	63.7	52.8
12/5/2018 2:16	56.7	58.2	54.1
12/5/2018 2:21	57.7	60.6	52.9
12/5/2018 2:26	60.4	64.0	54.1
12/5/2018 2:31	54.0	56.0	50.6
12/5/2018 2:36	59.5	63.1	52.0
12/5/2018 2:41	55.5	56.8	51.7
12/5/2018 2:46	54.3	56.2	51.7
12/5/2018 2:51	58.9	60.5	53.3
12/5/2018 2:56	56.7	60.5	51.5
12/5/2018 3:01	53.2	54.9	51.3
12/5/2018 3:06	53.2	55.2	50.4
12/5/2018 3:11	53.6	55.6	51.0
12/5/2018 3:16	61.7	63.0	50.2
12/5/2018 3:21	52.2	54.3	49.8
12/5/2018 3:26	54.0	56.3	49.5

Measured Noise Levels (dB(A)) at NMS-CA-2A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
12/5/2018 3:31	52.3	54.5	49.6
12/5/2018 3:36	51.8	53.5	49.1
12/5/2018 3:41	53.5	55.7	49.7
12/5/2018 3:46	53.2	55.9	49.1
12/5/2018 3:51	52.6	55.2	48.8
12/5/2018 3:56	58.2	62.6	47.2
12/5/2018 4:01	57.4	61.4	51.2
12/5/2018 4:06	57.0	59.9	46.8
12/5/2018 4:11	52.5	55.2	46.8
12/5/2018 4:16	59.0	62.9	48.7
12/5/2018 4:21	61.9	66.7	49.4
12/5/2018 4:26	58.7	62.9	50.0
12/5/2018 4:31	52.9	55.3	49.0
12/5/2018 4:36	61.7	65.2	51.2
12/5/2018 4:41	57.6	61.0	50.7
12/5/2018 4:46	53.2	55.1	50.6
12/5/2018 4:51	55.4	56.5	49.6
12/5/2018 4:56	60.1	64.3	51.9
12/5/2018 5:01	53.5	55.2	51.1
12/5/2018 5:06	54.9	57.0	52.1
12/5/2018 5:11	55.7	57.5	53.2
12/5/2018 5:16	55.7	57.6	52.8
12/5/2018 5:21	62.7	65.9	52.9
12/5/2018 5:26	60.4	64.1	53.3
12/5/2018 5:31	58.3	58.7	55.2
12/5/2018 5:36	58.1	59.2	56.5
12/5/2018 5:41	61.2	62.8	56.2
12/5/2018 5:46	61.2	65.5	55.0
12/5/2018 5:51	59.2	63.4	53.1
12/5/2018 5:56	57.9	58.4	54.0
12/5/2018 6:01	57.7	59.1	55.0
12/5/2018 6:06	60.9	65.2	55.1
12/5/2018 6:11	61.5	65.3	54.1
12/5/2018 6:16	61.4	59.3	54.0
12/5/2018 6:21	57.4	58.4	54.7
12/5/2018 6:26	62.6	62.3	55.4
12/5/2018 6:31	58.0	58.7	55.3
12/5/2018 6:36	62.5	60.0	53.8
12/5/2018 6:41	60.3	61.3	55.4
12/5/2018 6:46	63.2	64.7	57.4
12/5/2018 6:51	60.5	59.7	56.6
12/5/2018 6:56	63.2	65.8	57.0

Measured Noise Levels (dB(A)) at NMS-CA-2A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
12/5/2018 23:01	64.1	65.8	57.6
12/5/2018 23:06	61.9	65.2	57.3
12/5/2018 23:11	66.8	69.9	57.8
12/5/2018 23:16	60.7	63.7	57.8
12/5/2018 23:21	65.3	67.9	56.9
12/5/2018 23:26	61.1	64.9	56.1
12/5/2018 23:31	62.7	62.4	54.6
12/5/2018 23:36	60.1	64.3	54.5
12/5/2018 23:41	61.1	64.2	54.4
12/5/2018 23:46	63.5	66.1	54.6
12/5/2018 23:51	57.9	61.5	53.9
12/5/2018 23:56	62.4	61.3	53.9
13/5/2018 0:01	59.7	62.3	51.4
13/5/2018 0:06	64.7	68.0	55.4
13/5/2018 0:11	65.1	69.6	53.5
13/5/2018 0:16	59.8	64.4	54.1
13/5/2018 0:21	65.3	69.0	52.9
13/5/2018 0:26	65.4	68.5	54.6
13/5/2018 0:31	64.5	68.6	54.9
13/5/2018 0:36	63.6	68.6	54.3
13/5/2018 0:41	64.4	67.0	55.6
13/5/2018 0:46	64.8	69.4	55.6
13/5/2018 0:51	63.2	67.1	54.9
13/5/2018 0:56	60.5	62.7	53.4
13/5/2018 1:01	62.9	67.2	53.7
13/5/2018 1:06	62.0	65.9	53.0
13/5/2018 1:11	64.3	67.7	55.4
13/5/2018 1:16	64.6	68.6	55.1
13/5/2018 1:21	62.9	66.9	52.8
13/5/2018 1:26	56.6	58.1	53.6
13/5/2018 1:31	55.8	59.0	51.6
13/5/2018 1:36	61.4	65.0	53.4
13/5/2018 1:41	59.4	63.0	53.1
13/5/2018 1:46	55.8	57.3	52.5
13/5/2018 1:51	57.4	61.1	52.2
13/5/2018 1:56	61.9	66.6	52.6
13/5/2018 2:01	56.2	58.0	52.4
13/5/2018 2:06	61.4	65.6	52.0
13/5/2018 2:11	63.4	67.3	54.3
13/5/2018 2:16	62.2	66.3	54.8
13/5/2018 2:21	58.1	62.2	52.1
13/5/2018 2:26	57.8	61.0	52.6
13/5/2018 2:31	57.8	61.4	52.1
13/5/2018 2:36	56.8	58.1	51.4
13/5/2018 2:41	60.8	64.9	52.9
13/5/2018 2:46	55.6	57.5	51.6
13/5/2018 2:51	56.5	58.5	52.3
13/5/2018 2:56	55.4	56.8	51.2
13/5/2018 3:01	54.3	56.7	50.8
13/5/2018 3:06	57.8	61.7	50.8
13/5/2018 3:11	53.6	55.4	50.8
13/5/2018 3:16	52.5	54.5	50.2
13/5/2018 3:21	57.8	61.5	51.0
13/5/2018 3:26	58.9	63.0	50.5

Measured Noise Levels (dB(A)) at NMS-CA-2A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
13/5/2018 3:31	58.2	62.5	49.1
13/5/2018 3:36	51.5	53.9	46.9
13/5/2018 3:41	58.4	62.2	50.2
13/5/2018 3:46	56.7	61.4	48.3
13/5/2018 3:51	59.1	63.7	48.7
13/5/2018 3:56	57.8	62.0	48.6
13/5/2018 4:01	54.9	58.7	47.1
13/5/2018 4:06	58.2	63.5	48.9
13/5/2018 4:11	61.6	66.7	48.7
13/5/2018 4:16	61.5	65.8	48.6
13/5/2018 4:21	64.2	68.6	52.0
13/5/2018 4:26	58.5	62.2	49.4
13/5/2018 4:31	60.6	65.4	50.7
13/5/2018 4:36	59.6	64.4	50.9
13/5/2018 4:41	57.6	61.6	50.4
13/5/2018 4:46	53.1	55.7	49.5
13/5/2018 4:51	63.8	67.2	51.9
13/5/2018 4:56	58.1	60.6	49.8
13/5/2018 5:01	54.1	55.7	52.0
13/5/2018 5:06	58.4	61.4	53.7
13/5/2018 5:11	56.6	57.5	53.2
13/5/2018 5:16	61.9	65.8	52.9
13/5/2018 5:21	58.4	59.7	54.0
13/5/2018 5:26	57.8	58.8	56.8
13/5/2018 5:31	58.0	59.1	56.6
13/5/2018 5:36	57.8	59.2	54.0
13/5/2018 5:41	61.1	65.5	53.2
13/5/2018 5:46	57.3	59.5	54.7
13/5/2018 5:51	57.0	58.2	53.8
13/5/2018 5:56	58.0	61.2	53.4
13/5/2018 6:01	61.3	59.5	54.1
13/5/2018 6:06	57.1	57.2	53.0
13/5/2018 6:11	56.0	57.2	52.6
13/5/2018 6:16	65.5	68.9	53.6
13/5/2018 6:21	59.9	64.0	53.7
13/5/2018 6:26	62.0	60.4	53.2
13/5/2018 6:31	59.0	57.8	53.9
13/5/2018 6:36	60.7	57.6	53.3
13/5/2018 6:41	57.4	59.0	53.3
13/5/2018 6:46	62.8	63.2	54.1
13/5/2018 6:51	62.3	64.0	53.9
13/5/2018 6:56	59.2	57.8	54.3

Measured Noise Levels (dB(A)) at NMS-CA-2A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
13/5/2018 23:01	63.2	66.0	55.4
13/5/2018 23:06	62.8	66.2	55.6
13/5/2018 23:11	63.8	66.4	55.1
13/5/2018 23:16	60.3	64.0	55.2
13/5/2018 23:21	61.8	65.6	54.8
13/5/2018 23:26	58.7	61.2	54.8
13/5/2018 23:31	64.9	67.6	55.8
13/5/2018 23:36	61.6	65.5	55.6
13/5/2018 23:41	64.7	68.8	54.7
13/5/2018 23:46	57.1	57.4	54.1
13/5/2018 23:51	61.1	64.9	54.8
13/5/2018 23:56	62.8	62.6	53.0
14/5/2018 0:01	62.5	66.1	55.1
14/5/2018 0:06	62.6	64.6	55.0
14/5/2018 0:11	62.5	67.6	54.5
14/5/2018 0:16	63.7	67.9	53.8
14/5/2018 0:21	65.5	69.2	52.6
14/5/2018 0:26	65.1	68.4	53.9
14/5/2018 0:31	61.6	66.3	52.1
14/5/2018 0:36	64.0	69.2	52.4
14/5/2018 0:41	63.0	66.2	53.2
14/5/2018 0:46	64.1	68.5	53.6
14/5/2018 0:51	61.6	65.8	51.9
14/5/2018 0:56	61.9	65.9	52.2
14/5/2018 1:01	62.2	66.6	50.6
14/5/2018 1:06	61.4	65.6	53.1
14/5/2018 1:11	60.9	64.8	51.8
14/5/2018 1:16	61.6	66.0	51.9
14/5/2018 1:21	64.1	68.8	52.4
14/5/2018 1:26	57.6	62.1	49.0
14/5/2018 1:31	57.5	62.2	50.3
14/5/2018 1:36	53.9	54.7	49.0
14/5/2018 1:41	51.6	53.2	49.0
14/5/2018 1:46	52.1	54.6	48.6
14/5/2018 1:51	61.2	66.3	49.7
14/5/2018 1:56	58.3	62.9	49.4
14/5/2018 2:01	57.1	61.4	50.0
14/5/2018 2:06	58.2	63.1	50.5
14/5/2018 2:11	52.2	54.9	48.2
14/5/2018 2:16	51.4	53.6	48.3
14/5/2018 2:21	49.5	51.4	46.8
14/5/2018 2:26	54.6	58.3	47.9
14/5/2018 2:31	53.6	57.2	48.2
14/5/2018 2:36	54.4	57.7	48.6
14/5/2018 2:41	57.3	62.6	48.1
14/5/2018 2:46	51.1	53.3	48.1
14/5/2018 2:51	51.3	53.7	48.2
14/5/2018 2:56	55.5	60.5	47.6
14/5/2018 3:01	50.2	52.9	46.5
14/5/2018 3:06	50.2	52.3	47.6
14/5/2018 3:11	50.5	52.4	48.1
14/5/2018 3:16	50.3	52.2	47.1
14/5/2018 3:21	48.5	50.5	46.0
14/5/2018 3:26	57.1	62.3	46.4

Measured Noise Levels (dB(A)) at NMS-CA-2A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
14/5/2018 3:31	49.2	51.5	45.9
14/5/2018 3:36	50.5	53.2	47.3
14/5/2018 3:41	51.1	52.0	45.1
14/5/2018 3:46	49.7	52.9	44.6
14/5/2018 3:51	55.1	59.8	45.6
14/5/2018 3:56	50.1	51.8	48.4
14/5/2018 4:01	49.8	52.5	45.8
14/5/2018 4:06	49.0	51.2	45.9
14/5/2018 4:11	50.0	52.0	45.8
14/5/2018 4:16	50.6	52.2	48.1
14/5/2018 4:21	55.8	60.6	48.6
14/5/2018 4:26	52.5	54.3	50.4
14/5/2018 4:31	52.8	54.4	50.7
14/5/2018 4:36	51.5	53.9	48.8
14/5/2018 4:41	53.4	55.6	51.1
14/5/2018 4:46	58.5	62.7	52.4
14/5/2018 4:51	54.0	55.6	52.3
14/5/2018 4:56	53.2	54.4	51.8
14/5/2018 5:01	60.6	61.2	50.9
14/5/2018 5:06	56.6	55.4	51.1
14/5/2018 5:11	53.9	55.4	51.7
14/5/2018 5:16	59.8	63.8	52.4
14/5/2018 5:21	54.7	56.2	52.8
14/5/2018 5:26	56.9	58.2	52.2
14/5/2018 5:31	55.0	56.4	53.4
14/5/2018 5:36	55.5	57.1	53.2
14/5/2018 5:41	56.5	57.2	51.3
14/5/2018 5:46	57.0	57.9	54.2
14/5/2018 5:51	57.1	58.9	53.5
14/5/2018 5:56	56.7	58.6	53.0
14/5/2018 6:01	61.4	61.3	52.8
14/5/2018 6:06	57.0	57.0	53.5
14/5/2018 6:11	55.2	55.5	52.3
14/5/2018 6:16	61.0	57.4	53.0
14/5/2018 6:21	61.3	57.0	53.2
14/5/2018 6:26	58.8	60.1	54.3
14/5/2018 6:31	62.8	64.0	54.4
14/5/2018 6:36	57.5	58.2	54.7
14/5/2018 6:41	62.7	61.7	54.8
14/5/2018 6:46	62.1	60.5	55.3
14/5/2018 6:51	62.2	60.6	55.1
14/5/2018 6:56	59.4	59.8	55.2

Measured Noise Levels (dB(A)) at NMS-CA-2A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
14/5/2018 23:01	62.6	61.3	53.6
14/5/2018 23:06	56.5	56.8	53.9
14/5/2018 23:11	62.9	62.9	54.5
14/5/2018 23:16	56.0	56.8	53.7
14/5/2018 23:21	62.0	61.6	53.5
14/5/2018 23:26	56.9	57.8	54.7
14/5/2018 23:31	62.6	62.8	55.2
14/5/2018 23:36	56.8	57.5	54.6
14/5/2018 23:41	62.8	58.0	53.9
14/5/2018 23:46	57.3	59.2	54.5
14/5/2018 23:51	59.8	60.9	53.2
14/5/2018 23:56	61.6	58.2	52.5
15/5/2018 0:01	58.7	57.3	54.1
15/5/2018 0:06	61.8	61.5	53.2
15/5/2018 0:11	61.4	65.2	53.9
15/5/2018 0:16	59.7	61.1	54.1
15/5/2018 0:21	62.0	57.3	53.5
15/5/2018 0:26	61.9	57.5	53.4
15/5/2018 0:31	58.1	62.8	53.1
15/5/2018 0:36	59.4	58.6	51.9
15/5/2018 0:41	61.7	60.9	52.9
15/5/2018 0:46	60.1	58.4	53.0
15/5/2018 0:51	56.7	57.2	52.6
15/5/2018 0:56	57.8	58.5	52.3
15/5/2018 1:01	58.5	57.0	52.7
15/5/2018 1:06	55.1	56.4	51.6
15/5/2018 1:11	61.3	67.1	52.9
15/5/2018 1:16	54.1	55.7	51.0
15/5/2018 1:21	60.2	62.7	52.6
15/5/2018 1:26	54.5	56.3	52.0
15/5/2018 1:31	53.8	55.8	51.2
15/5/2018 1:36	54.6	56.8	51.3
15/5/2018 1:41	57.6	58.8	52.6
15/5/2018 1:46	55.9	57.6	53.3
15/5/2018 1:51	54.6	56.1	52.5
15/5/2018 1:56	54.9	56.8	52.3
15/5/2018 2:01	53.6	55.5	51.3
15/5/2018 2:06	55.1	57.8	51.1
15/5/2018 2:11	53.4	55.1	50.9
15/5/2018 2:16	55.0	57.1	52.2
15/5/2018 2:21	53.5	55.5	50.9
15/5/2018 2:26	52.6	54.5	50.0
15/5/2018 2:31	51.6	53.6	49.0
15/5/2018 2:36	54.1	56.8	49.4
15/5/2018 2:41	53.3	55.7	50.0
15/5/2018 2:46	52.9	54.7	50.6
15/5/2018 2:51	52.6	54.8	48.9
15/5/2018 2:56	51.5	54.4	47.0
15/5/2018 3:01	52.1	53.9	49.8
15/5/2018 3:06	54.5	58.0	48.1
15/5/2018 3:11	51.4	53.7	48.4
15/5/2018 3:16	51.7	54.1	48.7
15/5/2018 3:21	49.8	52.3	46.0
15/5/2018 3:26	54.1	57.0	47.6

Measured Noise Levels (dB(A)) at NMS-CA-2A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
15/5/2018 3:31	49.6	51.9	45.7
15/5/2018 3:36	56.5	54.2	47.8
15/5/2018 3:41	53.0	55.6	48.2
15/5/2018 3:46	52.0	54.6	47.5
15/5/2018 3:51	51.5	55.5	45.2
15/5/2018 3:56	50.6	53.6	45.3
15/5/2018 4:01	52.9	55.3	48.3
15/5/2018 4:06	50.7	53.2	47.0
15/5/2018 4:11	50.3	52.9	45.7
15/5/2018 4:16	51.1	53.7	47.2
15/5/2018 4:21	52.9	55.3	49.2
15/5/2018 4:26	51.1	53.9	46.8
15/5/2018 4:31	50.7	53.3	47.0
15/5/2018 4:36	51.6	54.7	46.3
15/5/2018 4:41	51.9	54.2	48.9
15/5/2018 4:46	54.6	57.2	49.6
15/5/2018 4:51	54.8	58.1	50.2
15/5/2018 4:56	54.2	57.0	49.7
15/5/2018 5:01	53.2	55.1	50.5
15/5/2018 5:06	54.4	56.9	50.3
15/5/2018 5:11	54.6	57.1	51.1
15/5/2018 5:16	55.1	56.2	52.5
15/5/2018 5:21	60.0	61.2	51.1
15/5/2018 5:26	58.9	62.9	53.0
15/5/2018 5:31	54.6	55.8	52.9
15/5/2018 5:36	56.8	58.5	54.6
15/5/2018 5:41	57.0	57.2	53.0
15/5/2018 5:46	57.4	59.2	53.4
15/5/2018 5:51	57.7	59.7	53.5
15/5/2018 5:56	59.5	62.1	55.4
15/5/2018 6:01	62.3	62.2	54.7
15/5/2018 6:06	57.3	57.9	53.7
15/5/2018 6:11	58.1	60.0	54.7
15/5/2018 6:16	61.7	57.6	53.5
15/5/2018 6:21	61.9	57.9	54.5
15/5/2018 6:26	58.8	60.4	54.1
15/5/2018 6:31	62.6	61.4	53.9
15/5/2018 6:36	57.0	57.4	53.6
15/5/2018 6:41	63.3	65.9	54.6
15/5/2018 6:46	61.8	58.3	55.0
15/5/2018 6:51	62.1	59.6	53.9
15/5/2018 6:56	60.3	62.7	55.0

Measured Noise Levels (dB(A)) at NMS-CA-2A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
15/5/2018 23:01	62.6	62.2	55.2
15/5/2018 23:06	60.9	64.7	55.8
15/5/2018 23:11	65.6	68.8	55.8
15/5/2018 23:16	59.4	62.8	54.5
15/5/2018 23:21	63.7	66.1	54.3
15/5/2018 23:26	58.1	61.4	54.1
15/5/2018 23:31	63.1	65.5	53.6
15/5/2018 23:36	59.8	63.3	53.4
15/5/2018 23:41	63.9	66.9	54.0
15/5/2018 23:46	61.6	65.5	54.8
15/5/2018 23:51	61.2	64.0	53.0
15/5/2018 23:56	63.7	66.3	53.8
16/5/2018 0:01	59.8	61.6	53.4
16/5/2018 0:06	62.2	62.4	53.9
16/5/2018 0:11	64.1	68.2	54.4
16/5/2018 0:16	63.1	66.8	53.9
16/5/2018 0:21	64.6	68.2	53.8
16/5/2018 0:26	64.4	68.5	53.5
16/5/2018 0:31	63.6	67.5	53.4
16/5/2018 0:36	59.8	62.2	52.2
16/5/2018 0:41	63.1	65.8	53.5
16/5/2018 0:46	62.1	67.0	52.8
16/5/2018 0:51	62.6	67.0	51.9
16/5/2018 0:56	61.5	66.3	51.2
16/5/2018 1:01	63.1	67.5	52.9
16/5/2018 1:06	60.9	64.3	52.2
16/5/2018 1:11	64.6	68.8	53.2
16/5/2018 1:16	60.1	64.0	51.8
16/5/2018 1:21	61.6	65.3	52.9
16/5/2018 1:26	59.5	63.1	51.8
16/5/2018 1:31	53.7	56.1	50.7
16/5/2018 1:36	51.4	53.0	49.7
16/5/2018 1:41	55.2	58.6	50.8
16/5/2018 1:46	53.1	55.1	50.6
16/5/2018 1:51	55.6	58.1	52.0
16/5/2018 1:56	54.0	56.0	51.4
16/5/2018 2:01	54.1	55.4	52.4
16/5/2018 2:06	55.0	57.3	51.7
16/5/2018 2:11	55.2	57.6	51.9
16/5/2018 2:16	56.7	60.1	51.8
16/5/2018 2:21	53.5	55.1	51.5
16/5/2018 2:26	52.8	54.1	51.4
16/5/2018 2:31	52.7	54.3	51.0
16/5/2018 2:36	53.6	54.7	51.3
16/5/2018 2:41	54.0	55.2	51.8
16/5/2018 2:46	52.4	53.9	50.8
16/5/2018 2:51	52.5	54.4	49.9
16/5/2018 2:56	52.2	53.6	50.3
16/5/2018 3:01	53.3	55.4	50.5
16/5/2018 3:06	52.5	54.6	49.4
16/5/2018 3:11	53.9	56.7	50.6
16/5/2018 3:16	52.0	53.2	50.4
16/5/2018 3:21	53.3	56.4	49.0
16/5/2018 3:26	52.1	54.7	48.0

Measured Noise Levels (dB(A)) at NMS-CA-2A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
16/5/2018 3:31	55.7	59.5	48.6
16/5/2018 3:36	51.3	53.2	48.9
16/5/2018 3:41	60.6	64.8	51.2
16/5/2018 3:46	55.4	58.1	51.7
16/5/2018 3:51	56.1	59.6	49.9
16/5/2018 3:56	54.3	57.9	49.3
16/5/2018 4:01	54.9	58.3	47.5
16/5/2018 4:06	53.4	56.8	47.6
16/5/2018 4:11	52.6	56.4	47.0
16/5/2018 4:16	53.5	55.3	49.7
16/5/2018 4:21	52.4	54.9	47.7
16/5/2018 4:26	57.3	60.9	50.0
16/5/2018 4:31	53.7	56.5	49.3
16/5/2018 4:36	54.4	56.9	50.5
16/5/2018 4:41	53.1	54.9	50.5
16/5/2018 4:46	52.8	54.8	49.6
16/5/2018 4:51	52.1	53.9	49.8
16/5/2018 4:56	53.0	54.6	50.9
16/5/2018 5:01	53.9	55.4	52.0
16/5/2018 5:06	53.1	55.3	50.5
16/5/2018 5:11	57.9	61.7	51.5
16/5/2018 5:16	54.1	55.6	52.3
16/5/2018 5:21	56.3	56.7	52.4
16/5/2018 5:26	60.6	63.3	54.6
16/5/2018 5:31	55.6	56.8	54.1
16/5/2018 5:36	56.4	57.8	54.7
16/5/2018 5:41	58.1	60.4	54.1
16/5/2018 5:46	57.5	58.3	54.0
16/5/2018 5:51	61.0	64.2	55.1
16/5/2018 5:56	58.4	58.4	55.2
16/5/2018 6:01	61.5	61.7	54.2
16/5/2018 6:06	57.5	58.9	53.9
16/5/2018 6:11	57.9	59.4	55.1
16/5/2018 6:16	62.0	58.7	54.0
16/5/2018 6:21	62.0	63.3	55.0
16/5/2018 6:26	59.8	62.2	55.4
16/5/2018 6:31	64.3	66.8	57.4
16/5/2018 6:36	58.6	62.0	54.7
16/5/2018 6:41	62.3	61.8	55.3
16/5/2018 6:46	61.3	60.3	54.8
16/5/2018 6:51	61.0	58.6	54.8
16/5/2018 6:56	61.9	62.6	55.8

Measured Noise Levels (dB(A)) at NMS-CA-2A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
16/5/2018 23:02	62.7	63.9	54.9
16/5/2018 23:07	58.9	62.8	54.4
16/5/2018 23:12	63.6	66.7	53.6
16/5/2018 23:17	56.6	57.2	53.6
16/5/2018 23:22	62.8	64.2	54.3
16/5/2018 23:27	58.5	62.8	53.7
16/5/2018 23:32	62.3	57.3	53.6
16/5/2018 23:37	58.5	61.7	54.1
16/5/2018 23:42	62.5	60.3	54.1
16/5/2018 23:47	59.6	62.7	53.8
16/5/2018 23:52	60.0	63.2	53.7
16/5/2018 23:57	62.3	64.0	54.6
17/5/2018 0:02	60.0	61.2	54.8
17/5/2018 0:07	62.5	65.4	54.7
17/5/2018 0:12	62.3	66.0	53.8
17/5/2018 0:17	65.6	69.1	54.9
17/5/2018 0:22	62.4	65.7	54.7
17/5/2018 0:27	65.4	69.3	55.0
17/5/2018 0:32	62.0	66.2	51.9
17/5/2018 0:37	59.4	63.3	53.9
17/5/2018 0:42	63.1	64.9	52.0
17/5/2018 0:47	63.9	68.6	52.0
17/5/2018 0:52	62.1	65.5	53.2
17/5/2018 0:57	63.6	68.4	53.6
17/5/2018 1:02	63.4	67.6	52.7
17/5/2018 1:07	62.1	66.3	52.4
17/5/2018 1:12	61.9	66.2	51.9
17/5/2018 1:17	60.1	64.0	53.1
17/5/2018 1:22	62.9	67.4	52.5
17/5/2018 1:27	52.3	53.6	50.9
17/5/2018 1:32	52.6	54.2	50.4
17/5/2018 1:37	59.6	64.2	51.0
17/5/2018 1:42	54.4	55.7	50.0
17/5/2018 1:47	63.0	67.7	49.6
17/5/2018 1:52	51.8	53.7	48.8
17/5/2018 1:57	52.4	53.7	50.7
17/5/2018 2:02	56.5	60.5	51.4
17/5/2018 2:07	62.8	64.7	60.7
17/5/2018 2:12	59.5	61.6	57.3
17/5/2018 2:17	57.9	58.9	56.9
17/5/2018 2:22	60.5	63.2	57.5
17/5/2018 2:27	61.7	65.3	57.1
17/5/2018 2:32	62.1	65.2	56.1
17/5/2018 2:37	58.1	59.3	55.9
17/5/2018 2:42	57.3	58.1	55.7
17/5/2018 2:47	60.7	64.1	56.3
17/5/2018 2:52	60.6	64.0	56.3
17/5/2018 2:57	56.5	60.5	51.0
17/5/2018 3:02	58.2	62.1	50.1
17/5/2018 3:07	56.5	56.5	51.6
17/5/2018 3:12	58.3	61.4	50.6
17/5/2018 3:17	52.5	53.5	50.3
17/5/2018 3:22	59.4	64.0	51.1
17/5/2018 3:27	51.5	53.5	48.7

Measured Noise Levels (dB(A)) at NMS-CA-2A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
17/5/2018 3:32	60.9	65.8	49.4
17/5/2018 3:37	59.3	63.9	50.3
17/5/2018 3:42	51.5	53.1	46.2
17/5/2018 3:47	61.9	66.6	48.4
17/5/2018 3:52	57.6	61.6	47.5
17/5/2018 3:57	60.2	65.3	45.9
17/5/2018 4:02	59.8	62.8	49.5
17/5/2018 4:07	52.0	53.6	45.3
17/5/2018 4:12	52.3	53.6	48.4
17/5/2018 4:17	64.1	69.0	49.1
17/5/2018 4:22	55.2	57.0	50.2
17/5/2018 4:27	52.8	55.0	49.8
17/5/2018 4:32	52.4	54.7	48.8
17/5/2018 4:37	53.3	55.1	50.4
17/5/2018 4:42	53.0	54.9	50.6
17/5/2018 4:47	53.6	55.2	51.5
17/5/2018 4:52	53.5	55.3	50.1
17/5/2018 4:57	53.7	55.9	51.0
17/5/2018 5:02	53.8	55.5	51.2
17/5/2018 5:07	53.7	55.5	51.0
17/5/2018 5:12	54.2	55.7	52.5
17/5/2018 5:17	54.0	55.5	52.1
17/5/2018 5:22	57.8	59.5	53.8
17/5/2018 5:27	59.4	59.2	56.0
17/5/2018 5:32	56.7	57.9	54.8
17/5/2018 5:37	56.5	57.6	55.1
17/5/2018 5:42	57.6	59.3	55.0
17/5/2018 5:47	57.2	57.4	53.7
17/5/2018 5:52	57.5	58.9	54.5
17/5/2018 5:57	59.1	61.7	55.3
17/5/2018 6:02	62.2	61.4	54.9
17/5/2018 6:07	58.2	58.8	54.8
17/5/2018 6:12	62.2	59.1	55.4
17/5/2018 6:17	57.9	59.8	54.0
17/5/2018 6:22	62.2	57.8	54.8
17/5/2018 6:27	56.1	56.6	54.0
17/5/2018 6:32	62.5	60.1	53.8
17/5/2018 6:37	57.9	59.8	54.5
17/5/2018 6:42	62.6	61.0	53.9
17/5/2018 6:47	61.8	61.4	54.3
17/5/2018 6:52	62.4	58.6	55.8
17/5/2018 6:57	60.0	59.0	56.2

Measured Noise Levels (dB(A)) at NMS-CA-2A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
17/5/2018 23:02	62.4	58.5	55.6
17/5/2018 23:07	57.8	58.5	55.0
17/5/2018 23:12	62.1	57.9	54.7
17/5/2018 23:17	57.5	58.8	53.7
17/5/2018 23:22	62.4	57.5	53.2
17/5/2018 23:27	58.1	60.0	53.7
17/5/2018 23:32	61.4	57.1	53.5
17/5/2018 23:37	56.3	57.0	54.1
17/5/2018 23:42	62.3	60.4	53.1
17/5/2018 23:47	55.8	56.6	53.5
17/5/2018 23:52	58.4	57.1	52.4
17/5/2018 23:57	60.8	56.7	52.2
18/5/2018 0:02	57.8	56.1	51.7
18/5/2018 0:07	62.2	64.8	52.5
18/5/2018 0:12	59.9	59.5	53.5
18/5/2018 0:17	62.6	64.4	53.6
18/5/2018 0:22	58.3	57.9	52.8
18/5/2018 0:27	61.5	57.1	52.4
18/5/2018 0:32	57.1	59.0	52.7
18/5/2018 0:37	60.6	64.7	54.0
18/5/2018 0:42	61.1	58.4	53.7
18/5/2018 0:47	61.0	64.1	53.4
18/5/2018 0:52	56.5	57.5	53.7
18/5/2018 0:57	57.7	58.5	53.0
18/5/2018 1:02	58.1	56.7	52.7
18/5/2018 1:07	58.1	60.5	53.0
18/5/2018 1:12	61.6	66.1	52.5
18/5/2018 1:17	59.3	59.1	53.4
18/5/2018 1:22	60.1	62.7	52.8
18/5/2018 1:27	54.1	56.2	51.3
18/5/2018 1:32	54.3	56.2	51.8
18/5/2018 1:37	54.7	56.2	52.4
18/5/2018 1:42	54.5	56.3	52.1
18/5/2018 1:47	54.0	55.5	51.7
18/5/2018 1:52	53.4	55.4	50.9
18/5/2018 1:57	54.8	56.8	52.4
18/5/2018 2:02	55.8	57.0	54.5
18/5/2018 2:07	55.4	56.8	53.8
18/5/2018 2:12	55.4	56.7	53.8
18/5/2018 2:17	55.3	56.6	54.0
18/5/2018 2:22	55.0	56.4	53.3
18/5/2018 2:27	56.3	57.6	54.6
18/5/2018 2:32	55.3	56.5	53.9
18/5/2018 2:37	55.2	56.4	53.8
18/5/2018 2:42	55.6	56.9	54.1
18/5/2018 2:47	55.5	56.6	54.0
18/5/2018 2:52	55.1	56.4	53.8
18/5/2018 2:57	54.3	55.9	52.8
18/5/2018 3:02	54.7	56.2	52.4
18/5/2018 3:07	53.7	55.1	51.9
18/5/2018 3:12	54.3	56.2	52.6
18/5/2018 3:17	55.5	57.2	52.7
18/5/2018 3:22	53.5	54.9	51.7
18/5/2018 3:27	53.1	54.7	51.6

Measured Noise Levels (dB(A)) at NMS-CA-2A during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
18/5/2018 3:32	54.1	55.8	52.4
18/5/2018 3:37	53.8	55.7	51.9
18/5/2018 3:42	54.2	55.6	52.6
18/5/2018 3:47	53.9	55.2	52.5
18/5/2018 3:52	55.7	57.2	53.8
18/5/2018 3:57	55.2	56.4	53.8
18/5/2018 4:02	54.6	56.0	53.1
18/5/2018 4:07	54.5	55.9	53.0
18/5/2018 4:12	55.6	57.7	52.6
18/5/2018 4:17	55.4	57.0	53.7
18/5/2018 4:22	55.0	56.3	53.4
18/5/2018 4:27	54.5	55.9	53.1
18/5/2018 4:32	54.7	56.2	53.0
18/5/2018 4:37	54.9	56.0	53.3
18/5/2018 4:42	56.2	57.4	54.7
18/5/2018 4:47	55.6	57.2	53.0
18/5/2018 4:52	53.1	54.9	50.3
18/5/2018 4:57	53.6	55.3	51.3
18/5/2018 5:02	52.8	54.8	48.9
18/5/2018 5:07	52.7	54.6	50.5
18/5/2018 5:12	52.8	54.3	50.6
18/5/2018 5:17	53.9	55.5	51.6
18/5/2018 5:22	60.3	63.7	53.6
18/5/2018 5:27	60.2	59.3	56.7
18/5/2018 5:32	61.0	60.1	53.1
18/5/2018 5:37	56.1	57.1	53.9
18/5/2018 5:42	57.8	60.8	54.4
18/5/2018 5:47	55.7	56.9	54.1
18/5/2018 5:52	58.7	62.6	54.9
18/5/2018 5:57	57.7	60.4	54.3
18/5/2018 6:02	61.4	57.2	54.1
18/5/2018 6:07	57.6	58.3	54.7
18/5/2018 6:12	61.8	58.1	55.1
18/5/2018 6:17	57.7	58.2	54.6
18/5/2018 6:22	61.7	57.4	54.0
18/5/2018 6:27	56.2	56.9	53.8
18/5/2018 6:32	62.2	61.0	54.8
18/5/2018 6:37	58.2	62.7	54.4
18/5/2018 6:42	61.9	57.5	53.7
18/5/2018 6:47	60.9	57.0	54.0
18/5/2018 6:52	61.9	57.6	54.5
18/5/2018 6:57	59.7	61.3	55.3
<b>Average</b>	<b>62.4</b>		
<b>Min</b>	<b>48.5</b>		
<b>Max</b>	<b>79.7</b>		



Measured Noise Levels (dB(A)) at NMS-CA-3 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
4/5/2018 11:30	65.4	69.1	58.3	65.3
4/5/2018 11:35	64.5	67.4	59.5	
4/5/2018 11:40	63.6	66.4	59.3	
4/5/2018 11:45	65.7	68.8	57.9	
4/5/2018 11:50	63.2	65.9	58.4	
4/5/2018 11:55	67.6	70.8	59.9	64.9
4/5/2018 12:00	65.9	69.0	58.1	
4/5/2018 12:05	62.5	65.8	57.3	
4/5/2018 12:10	64.1	67.9	58.3	
4/5/2018 12:15	64.2	67.6	56.7	
4/5/2018 12:20	66.6	70.2	58.8	64.9
4/5/2018 12:25	65.2	68.6	57.8	
4/5/2018 12:30	66.7	69.7	59.2	
4/5/2018 12:35	63.8	66.9	57.9	
4/5/2018 12:40	63.8	66.8	58.4	
4/5/2018 12:45	65.3	68.6	58.9	65.3
4/5/2018 12:50	65.4	69.3	57.3	
4/5/2018 12:55	63.7	67.6	56.3	
4/5/2018 13:00	66.3	69.5	58.3	
4/5/2018 13:05	64.1	67.9	57.1	
4/5/2018 13:10	65.8	68.5	57.2	64.3
4/5/2018 13:15	64.4	67.8	56.6	
4/5/2018 13:20	65.9	70.1	58.2	
4/5/2018 13:25	65.0	68.4	58.5	
4/5/2018 13:30	63.5	66.9	57.6	
4/5/2018 13:35	63.2	67.5	56.5	65.5
4/5/2018 13:40	63.6	66.5	56.2	
4/5/2018 13:45	65.6	69.6	57.5	
4/5/2018 13:50	65.2	69.1	57.5	
4/5/2018 13:55	64.4	68.1	57.7	
4/5/2018 14:00	66.5	69.9	59.2	66.0
4/5/2018 14:05	63.7	67.1	57.8	
4/5/2018 14:10	63.8	67.8	57.8	
4/5/2018 14:15	66.5	69.6	60.6	
4/5/2018 14:20	66.5	70.3	59.8	
4/5/2018 14:25	65.2	68.6	57.6	65.8
4/5/2018 14:30	65.7	69.0	61.1	
4/5/2018 14:35	63.1	65.9	58.8	
4/5/2018 14:40	63.3	66.6	58.4	
4/5/2018 14:45	69.1	73.2	58.1	
4/5/2018 14:50	66.4	70.2	60.7	70.1
4/5/2018 14:55	65.5	68.0	61.0	
4/5/2018 15:00	65.8	68.1	62.3	
4/5/2018 15:05	65.7	68.3	61.8	
4/5/2018 15:10	64.8	67.0	61.9	
4/5/2018 15:15	65.5	68.6	61.0	66.7
4/5/2018 15:20	65.9	68.4	62.6	
4/5/2018 15:25	67.0	69.5	63.8	
4/5/2018 15:30	66.7	69.1	62.7	
4/5/2018 15:35	67.3	71.0	62.6	
4/5/2018 15:40	65.2	68.3	61.3	66.7
4/5/2018 15:45	75.9	76.4	64.3	
4/5/2018 15:50	66.9	69.7	62.9	
4/5/2018 15:55	66.2	68.9	62.8	
4/5/2018 16:00	65.8	68.6	62.2	
4/5/2018 16:05	67.8	69.2	62.6	
4/5/2018 16:10	67.1	69.8	62.9	
4/5/2018 16:15	65.1	67.2	63.0	
4/5/2018 16:20	67.0	69.6	60.9	
4/5/2018 16:25	66.7	68.9	58.8	

Measured Noise Levels (dB(A)) at NMS-CA-3 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
4/5/2018 16:30	64.7	67.7	57.4	64.8
4/5/2018 16:35	64.8	68.4	58.9	
4/5/2018 16:40	64.2	67.5	57.7	
4/5/2018 16:45	64.7	68.5	57.0	
4/5/2018 16:50	65.7	69.3	57.1	
4/5/2018 16:55	64.4	67.9	58.0	65.0
4/5/2018 17:00	65.3	68.6	58.8	
4/5/2018 17:05	66.1	69.4	58.8	
4/5/2018 17:10	63.8	67.8	56.8	
4/5/2018 17:15	65.5	70.3	57.0	
4/5/2018 17:20	64.7	68.0	56.9	64.2
4/5/2018 17:25	64.2	68.1	55.7	
4/5/2018 17:30	65.2	68.9	57.0	
4/5/2018 17:35	63.0	66.5	55.7	
4/5/2018 17:40	65.7	69.6	56.4	
4/5/2018 17:45	63.1	66.9	55.5	65.1
4/5/2018 17:50	65.1	69.2	56.6	
4/5/2018 17:55	61.4	65.0	55.3	
4/5/2018 18:00	65.0	69.1	56.7	
4/5/2018 18:05	64.2	67.8	55.6	
4/5/2018 18:10	63.6	66.8	57.7	64.7
4/5/2018 18:15	65.9	70.3	55.1	
4/5/2018 18:20	64.4	68.3	55.8	
4/5/2018 18:25	66.8	70.5	58.0	
4/5/2018 18:30	63.2	67.0	55.5	
4/5/2018 18:35	65.4	67.9	55.6	62.3
4/5/2018 18:40	64.8	68.5	55.8	
4/5/2018 18:45	65.5	69.2	57.4	
4/5/2018 18:50	65.2	69.2	55.6	
4/5/2018 18:55	63.5	66.8	54.7	
5/5/2018 7:00	53.5	57.1	48.8	62.7
5/5/2018 7:05	63.8	66.7	51.3	
5/5/2018 7:10	62.5	67.4	52.5	
5/5/2018 7:15	59.9	63.7	50.5	
5/5/2018 7:20	65.1	69.2	52.3	
5/5/2018 7:25	61.8	65.4	51.8	69.5
5/5/2018 7:30	60.4	64.4	52.0	
5/5/2018 7:35	63.6	68.0	54.1	
5/5/2018 7:40	63.5	67.7	54.2	
5/5/2018 7:45	64.2	68.2	55.5	
5/5/2018 7:50	63.0	66.6	55.5	74.8
5/5/2018 7:55	60.0	63.9	53.7	
5/5/2018 8:00	62.4	66.6	53.7	
5/5/2018 8:05	64.4	67.6	55.6	
5/5/2018 8:10	68.9	70.2	67.1	
5/5/2018 8:15	69.8	71.4	67.7	74.8
5/5/2018 8:20	71.2	72.9	69.2	
5/5/2018 8:25	72.7	73.5	71.8	
5/5/2018 8:30	74.0	75.1	73.0	
5/5/2018 8:35	74.5	75.4	73.5	
5/5/2018 8:40	74.6	75.3	73.9	74.8
5/5/2018 8:45	74.6	75.4	73.9	
5/5/2018 8:50	75.4	76.3	74.2	
5/5/2018 8:55	75.6	76.3	74.9	

Measured Noise Levels (dB(A)) at NMS-CA-3 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
5/5/2018 9:00	74.4	76.1	61.4	71.7
5/5/2018 9:05	65.3	68.5	58.8	
5/5/2018 9:10	64.8	67.8	58.5	
5/5/2018 9:15	64.4	66.9	59.7	
5/5/2018 9:20	72.8	75.3	58.8	
5/5/2018 9:25	75.3	76.0	74.5	75.2
5/5/2018 9:30	75.3	76.1	74.3	
5/5/2018 9:35	75.5	76.2	74.9	
5/5/2018 9:40	75.6	76.5	74.6	
5/5/2018 9:45	74.6	75.9	72.1	
5/5/2018 9:50	75.1	75.9	74.4	70.7
5/5/2018 9:55	74.9	75.6	74.2	
5/5/2018 10:00	75.0	75.9	74.0	
5/5/2018 10:05	73.7	75.0	72.7	
5/5/2018 10:10	68.3	73.8	58.5	
5/5/2018 10:15	65.8	68.8	60.1	68.8
5/5/2018 10:20	64.5	67.7	60.4	
5/5/2018 10:25	64.4	67.2	60.2	
5/5/2018 10:30	64.6	67.9	59.7	
5/5/2018 10:35	73.4	76.1	65.1	
5/5/2018 10:40	70.3	73.5	61.4	63.8
5/5/2018 10:45	66.7	69.6	62.1	
5/5/2018 10:50	65.2	68.4	58.3	
5/5/2018 10:55	62.1	65.3	56.1	
5/5/2018 11:00	65.3	68.8	58.0	
5/5/2018 11:05	63.9	67.4	57.5	64.2
5/5/2018 11:10	62.2	65.5	57.1	
5/5/2018 11:15	64.8	68.6	58.7	
5/5/2018 11:20	62.3	65.5	56.3	
5/5/2018 11:25	63.3	67.2	57.0	
5/5/2018 11:30	63.8	67.3	57.6	63.6
5/5/2018 11:35	65.9	67.3	56.8	
5/5/2018 11:40	63.2	66.4	57.6	
5/5/2018 11:45	64.8	69.2	56.4	
5/5/2018 11:50	63.8	67.3	57.3	
5/5/2018 11:55	62.7	66.0	57.1	65.1
5/5/2018 12:00	65.4	69.5	56.9	
5/5/2018 12:05	64.3	67.8	57.5	
5/5/2018 12:10	63.0	66.9	56.1	
5/5/2018 12:15	61.6	65.6	54.9	
5/5/2018 12:20	63.4	67.2	56.0	70.3
5/5/2018 12:25	63.0	66.4	56.5	
5/5/2018 12:30	66.4	71.2	56.0	
5/5/2018 12:35	65.2	69.1	55.3	
5/5/2018 12:40	63.3	67.1	56.0	
5/5/2018 12:45	65.1	68.9	57.8	66.8
5/5/2018 12:50	65.4	68.8	57.9	
5/5/2018 12:55	64.9	68.7	56.8	
5/5/2018 13:00	66.9	70.7	57.4	
5/5/2018 13:05	64.5	68.1	58.0	
5/5/2018 13:10	63.4	66.8	57.8	67.2
5/5/2018 13:15	71.5	73.1	63.1	
5/5/2018 13:20	72.8	73.5	72.0	
5/5/2018 13:25	73.2	74.1	72.0	

Measured Noise Levels (dB(A)) at NMS-CA-3 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
5/5/2018 13:30	71.9	73.5	70.0	71.8
5/5/2018 13:35	72.1	73.9	70.2	
5/5/2018 13:40	71.9	73.6	70.2	
5/5/2018 13:45	73.5	75.3	68.3	
5/5/2018 13:50	70.9	73.3	67.6	
5/5/2018 13:55	69.4	70.7	67.1	65.9
5/5/2018 14:00	68.1	71.5	59.6	
5/5/2018 14:05	64.7	68.6	58.6	
5/5/2018 14:10	64.8	67.9	58.9	
5/5/2018 14:15	67.0	70.7	59.9	
5/5/2018 14:20	65.2	68.7	59.6	65.6
5/5/2018 14:25	63.9	67.5	57.7	
5/5/2018 14:30	65.7	68.5	59.7	
5/5/2018 14:35	65.2	68.0	60.0	
5/5/2018 14:40	65.7	69.2	59.1	
5/5/2018 14:45	66.1	70.3	59.5	66.7
5/5/2018 14:50	65.0	67.5	60.3	
5/5/2018 14:55	65.8	69.3	58.6	
5/5/2018 15:00	66.2	69.9	60.5	
5/5/2018 15:05	65.6	69.1	59.6	
5/5/2018 15:10	66.6	69.9	62.6	66.4
5/5/2018 15:15	67.0	68.8	63.8	
5/5/2018 15:20	67.1	70.6	60.0	
5/5/2018 15:25	67.4	70.7	62.0	
5/5/2018 15:30	66.0	69.7	58.5	
5/5/2018 15:35	66.5	70.0	58.0	67.2
5/5/2018 15:40	65.6	69.1	57.2	
5/5/2018 15:45	64.7	68.2	58.9	
5/5/2018 15:50	68.7	72.5	60.8	
5/5/2018 15:55	65.8	69.4	59.8	
5/5/2018 16:00	66.2	69.2	59.9	67.7
5/5/2018 16:05	66.5	70.3	58.5	
5/5/2018 16:10	65.9	69.5	58.8	
5/5/2018 16:15	66.3	69.9	58.4	
5/5/2018 16:20	66.2	69.7	58.3	
5/5/2018 16:25	70.2	73.8	60.3	67.2
5/5/2018 16:30	68.0	71.6	59.7	
5/5/2018 16:35	68.6	72.5	60.0	
5/5/2018 16:40	68.5	71.8	59.5	
5/5/2018 16:45	67.4	71.3	57.5	
5/5/2018 16:50	66.7	70.3	58.5	66.8
5/5/2018 16:55	66.4	70.1	59.0	
5/5/2018 17:00	64.9	68.9	57.4	
5/5/2018 17:05	67.7	72.1	57.4	
5/5/2018 17:10	67.9	71.4	59.0	
5/5/2018 17:15	66.4	69.7	57.7	67.2
5/5/2018 17:20	66.2	69.8	59.2	
5/5/2018 17:25	66.9	70.8	59.1	
5/5/2018 17:30	67.9	71.8	59.3	
5/5/2018 17:35	67.6	71.0	58.9	
5/5/2018 17:40	65.6	69.5	56.8	67.2
5/5/2018 17:45	67.3	71.0	57.9	
5/5/2018 17:50	66.1	69.4	58.2	
5/5/2018 17:55	68.0	70.7	58.5	

Measured Noise Levels (dB(A)) at NMS-CA-3 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
5/5/2018 18:00	64.6	68.1	59.1	65.6
5/5/2018 18:05	65.9	69.7	58.5	
5/5/2018 18:10	67.3	71.4	58.8	
5/5/2018 18:15	65.6	67.3	56.6	
5/5/2018 18:20	65.7	69.5	57.8	
5/5/2018 18:25	63.5	67.3	55.8	
5/5/2018 18:30	65.3	68.8	57.6	66.1
5/5/2018 18:35	65.0	69.0	56.9	
5/5/2018 18:40	65.6	69.2	57.6	
5/5/2018 18:45	65.7	70.0	56.2	
5/5/2018 18:50	66.4	69.6	57.8	
5/5/2018 18:55	68.0	71.0	56.4	
7/5/2018 7:00	57.8	60.9	52.9	60.3
7/5/2018 7:05	58.2	60.6	53.4	
7/5/2018 7:10	59.6	64.2	52.8	
7/5/2018 7:15	60.9	64.7	53.5	
7/5/2018 7:20	61.4	65.2	53.7	
7/5/2018 7:25	62.2	64.3	54.0	
7/5/2018 7:30	59.8	63.1	53.9	60.7
7/5/2018 7:35	60.9	62.7	54.4	
7/5/2018 7:40	61.4	65.1	53.7	
7/5/2018 7:45	61.5	66.3	53.5	
7/5/2018 7:50	61.6	65.6	55.0	
7/5/2018 7:55	58.4	61.3	54.3	
7/5/2018 8:00	59.7	63.1	53.6	61.6
7/5/2018 8:05	61.2	65.3	55.1	
7/5/2018 8:10	61.1	65.0	55.1	
7/5/2018 8:15	61.7	65.1	55.0	
7/5/2018 8:20	61.0	64.3	54.8	
7/5/2018 8:25	63.9	66.7	54.7	
7/5/2018 8:30	60.4	63.3	55.3	61.2
7/5/2018 8:35	64.1	66.3	55.1	
7/5/2018 8:40	59.7	62.8	53.8	
7/5/2018 8:45	62.0	65.9	54.7	
7/5/2018 8:50	59.9	63.0	54.6	
7/5/2018 8:55	59.0	60.9	54.7	
7/5/2018 9:00	63.1	67.1	56.2	62.6
7/5/2018 9:05	59.5	62.2	56.5	
7/5/2018 9:10	60.9	64.3	56.2	
7/5/2018 9:15	62.6	65.6	56.1	
7/5/2018 9:20	62.4	66.5	55.9	
7/5/2018 9:25	64.9	64.4	55.9	
7/5/2018 9:30	64.6	67.8	56.8	64.2
7/5/2018 9:35	62.2	65.7	56.1	
7/5/2018 9:40	61.3	64.0	56.6	
7/5/2018 9:45	65.8	67.4	57.3	
7/5/2018 9:50	66.1	68.0	57.2	
7/5/2018 9:55	63.1	66.1	57.4	
7/5/2018 10:00	61.9	64.7	56.9	62.4
7/5/2018 10:05	61.5	64.8	56.4	
7/5/2018 10:10	63.8	66.0	57.1	
7/5/2018 10:15	63.2	66.5	56.5	
7/5/2018 10:20	61.9	65.5	55.8	
7/5/2018 10:25	61.2	63.9	56.2	

Measured Noise Levels (dB(A)) at NMS-CA-3 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
7/5/2018 10:30	64.5	68.0	58.7	63.0
7/5/2018 10:35	61.6	64.6	57.8	
7/5/2018 10:40	60.9	63.5	57.6	
7/5/2018 10:45	62.7	65.1	57.7	
7/5/2018 10:50	65.3	68.4	59.0	
7/5/2018 10:55	61.0	63.8	57.6	
7/5/2018 11:00	64.2	67.5	58.4	62.3
7/5/2018 11:05	63.1	65.7	58.3	
7/5/2018 11:10	60.3	62.6	55.8	
7/5/2018 11:15	61.6	65.7	55.1	
7/5/2018 11:20	60.6	63.6	55.0	
7/5/2018 11:25	62.8	65.1	55.4	
7/5/2018 11:30	62.4	66.2	55.3	61.5
7/5/2018 11:35	61.2	64.4	56.0	
7/5/2018 11:40	62.1	65.6	56.9	
7/5/2018 11:45	60.0	63.1	54.9	
7/5/2018 11:50	60.9	64.7	55.8	
7/5/2018 11:55	62.1	65.1	55.2	
7/5/2018 12:00	61.2	63.9	55.5	63.9
7/5/2018 12:05	63.5	66.9	57.1	
7/5/2018 12:10	65.0	64.8	55.4	
7/5/2018 12:15	67.0	68.9	55.3	
7/5/2018 12:20	62.9	66.7	57.5	
7/5/2018 12:25	60.4	63.8	55.3	
7/5/2018 12:30	61.6	65.8	55.5	63.3
7/5/2018 12:35	62.3	65.8	55.7	
7/5/2018 12:40	64.0	66.9	54.7	
7/5/2018 12:45	64.7	68.3	55.9	
7/5/2018 12:50	59.7	62.1	54.9	
7/5/2018 12:55	65.2	68.2	54.7	
7/5/2018 13:00	64.5	66.6	55.8	64.7
7/5/2018 13:05	63.2	66.4	57.3	
7/5/2018 13:10	62.9	66.0	57.1	
7/5/2018 13:15	62.3	64.9	55.8	
7/5/2018 13:20	68.2	68.8	55.1	
7/5/2018 13:25	64.0	67.4	57.2	
7/5/2018 13:30	63.1	66.8	56.7	62.3
7/5/2018 13:35	62.3	66.0	56.4	
7/5/2018 13:40	61.8	64.9	56.2	
7/5/2018 13:45	62.8	66.0	55.2	
7/5/2018 13:50	62.6	66.4	55.7	
7/5/2018 13:55	60.9	63.7	57.3	
7/5/2018 14:00	64.9	68.8	58.2	63.3
7/5/2018 14:05	60.5	63.4	56.3	
7/5/2018 14:10	61.7	64.2	56.7	
7/5/2018 14:15	62.8	66.8	56.8	
7/5/2018 14:20	62.8	66.5	57.2	
7/5/2018 14:25	65.1	66.8	55.3	
7/5/2018 14:30	62.6	66.5	56.1	64.2
7/5/2018 14:35	61.8	64.7	56.9	
7/5/2018 14:40	65.7	70.1	57.6	
7/5/2018 14:45	62.1	65.7	56.6	
7/5/2018 14:50	67.2	67.7	55.6	
7/5/2018 14:55	62.5	66.0	56.5	

Measured Noise Levels (dB(A)) at NMS-CA-3 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
7/5/2018 15:00	63.7	67.7	57.3	63.4
7/5/2018 15:05	63.2	66.3	57.7	
7/5/2018 15:10	60.3	63.4	56.2	
7/5/2018 15:15	62.1	65.6	56.6	
7/5/2018 15:20	65.4	68.7	57.4	
7/5/2018 15:25	63.9	68.0	56.4	63.9
7/5/2018 15:30	60.4	62.3	55.5	
7/5/2018 15:35	62.8	66.5	57.6	
7/5/2018 15:40	65.8	69.5	58.6	
7/5/2018 15:45	62.2	65.6	57.4	
7/5/2018 15:50	63.9	67.8	58.2	63.5
7/5/2018 15:55	65.9	68.7	56.6	
7/5/2018 16:00	61.8	65.5	57.1	
7/5/2018 16:05	58.2	59.1	57.0	
7/5/2018 16:11	62.6	66.5	57.4	
7/5/2018 16:16	67.8	70.4	57.5	62.0
7/5/2018 16:21	62.4	66.0	57.5	
7/5/2018 16:26	61.9	64.9	57.2	
7/5/2018 16:31	61.5	65.3	56.3	
7/5/2018 16:36	62.8	66.0	57.0	
7/5/2018 16:41	61.0	64.2	56.0	61.2
7/5/2018 16:46	60.7	64.4	55.4	
7/5/2018 16:51	62.7	66.3	57.2	
7/5/2018 16:56	62.9	66.4	56.5	
7/5/2018 17:01	60.6	63.7	55.6	
7/5/2018 17:06	63.1	67.3	55.5	61.3
7/5/2018 17:11	59.8	61.5	55.0	
7/5/2018 17:16	62.1	65.1	56.3	
7/5/2018 17:21	60.4	63.5	54.7	
7/5/2018 17:26	59.9	62.9	55.2	
7/5/2018 17:31	60.1	63.6	55.3	61.1
7/5/2018 17:36	62.3	66.2	54.8	
7/5/2018 17:41	61.8	65.5	54.9	
7/5/2018 17:46	61.1	64.5	55.4	
7/5/2018 17:51	60.9	63.9	55.3	
7/5/2018 17:56	61.0	64.4	55.7	60.5
7/5/2018 18:01	60.4	63.9	54.7	
7/5/2018 18:06	62.4	65.2	54.9	
7/5/2018 18:11	60.6	64.5	54.1	
7/5/2018 18:16	59.7	63.2	53.4	
7/5/2018 18:21	62.5	65.8	55.1	61.0
7/5/2018 18:26	60.5	64.0	53.9	
7/5/2018 18:31	62.0	66.1	55.5	
7/5/2018 18:36	61.8	65.7	53.1	
7/5/2018 18:41	57.8	62.0	51.7	
7/5/2018 18:46	59.1	62.4	51.7	64.6
7/5/2018 18:51	62.5	67.0	52.8	
7/5/2018 18:56	55.9	58.2	50.7	
8/5/2018 7:01	55.6	57.8	52.8	
8/5/2018 7:06	60.1	63.9	53.6	
8/5/2018 7:11	59.7	63.4	54.3	
8/5/2018 7:16	61.4	65.7	53.7	
8/5/2018 7:21	60.1	63.9	54.3	
8/5/2018 7:26	64.5	68.4	52.9	

Measured Noise Levels (dB(A)) at NMS-CA-3 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
8/5/2018 7:31	62.5	67.0	53.9	64.3
8/5/2018 7:36	64.3	68.7	55.2	
8/5/2018 7:41	63.2	67.4	54.6	
8/5/2018 7:46	65.4	70.1	55.9	
8/5/2018 7:51	65.5	69.5	55.4	
8/5/2018 7:56	64.1	68.0	55.3	63.6
8/5/2018 8:01	62.3	66.7	54.5	
8/5/2018 8:06	62.9	67.3	54.6	
8/5/2018 8:11	63.6	67.5	55.2	
8/5/2018 8:16	64.9	69.9	54.9	
8/5/2018 8:21	63.5	67.7	56.1	63.4
8/5/2018 8:26	63.7	67.5	55.4	
8/5/2018 8:31	61.9	65.1	55.5	
8/5/2018 8:36	62.2	66.2	54.8	
8/5/2018 8:41	61.5	65.4	54.5	
8/5/2018 8:46	63.2	66.5	55.9	65.5
8/5/2018 8:51	66.4	71.4	55.3	
8/5/2018 8:56	63.0	66.8	55.7	
8/5/2018 9:01	65.0	68.9	56.7	
8/5/2018 9:06	65.2	69.8	57.2	
8/5/2018 9:11	64.8	69.3	57.1	68.3
8/5/2018 9:16	66.9	71.0	58.3	
8/5/2018 9:21	63.3	67.1	55.0	
8/5/2018 9:26	66.6	70.6	55.9	
8/5/2018 9:31	64.4	68.6	56.6	
8/5/2018 9:36	64.1	68.5	55.5	66.2
8/5/2018 9:41	65.5	69.5	57.3	
8/5/2018 9:46	66.1	69.3	56.2	
8/5/2018 9:51	73.6	72.1	58.1	
8/5/2018 9:56	67.0	71.0	57.3	
8/5/2018 10:01	65.2	69.3	57.0	65.8
8/5/2018 10:06	68.1	71.2	61.1	
8/5/2018 10:11	67.3	70.7	59.3	
8/5/2018 10:16	66.4	70.5	57.4	
8/5/2018 10:21	63.9	67.8	56.2	
8/5/2018 10:26	65.1	69.7	55.2	65.8
8/5/2018 10:31	64.1	68.2	55.5	
8/5/2018 10:36	66.4	70.5	58.0	
8/5/2018 10:41	67.2	71.3	57.0	
8/5/2018 10:46	66.6	70.6	58.0	
8/5/2018 10:51	66.2	70.6	57.3	64.6
8/5/2018 10:56	63.2	66.4	56.9	
8/5/2018 11:01	65.7	69.6	57.5	
8/5/2018 11:06	64.7	69.7	56.7	
8/5/2018 11:11	65.5	69.3	56.3	
8/5/2018 11:16	66.3	70.6	57.9	64.6
8/5/2018 11:21	65.2	68.8	56.4	
8/5/2018 11:26	66.9	71.1	57.8	
8/5/2018 11:31	65.1	68.6	57.3	
8/5/2018 11:36	64.7	68.3	56.6	
8/5/2018 11:41	63.9	68.1	56.0	64.6
8/5/2018 11:46	64.8	69.1	56.9	
8/5/2018 11:51	64.3	68.6	55.7	
8/5/2018 11:56	64.7	68.1	56.6	

Measured Noise Levels (dB(A)) at NMS-CA-3 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
8/5/2018 12:01	65.2	69.0	57.3	66.0
8/5/2018 12:06	63.7	67.8	53.8	
8/5/2018 12:11	66.6	70.3	56.2	
8/5/2018 12:16	65.6	69.2	57.6	
8/5/2018 12:21	67.3	71.2	57.6	
8/5/2018 12:26	66.6	71.3	56.1	
8/5/2018 12:31	64.7	68.6	56.8	65.2
8/5/2018 12:36	63.8	68.3	54.5	
8/5/2018 12:41	64.7	68.6	55.0	
8/5/2018 12:46	64.4	68.4	55.2	
8/5/2018 12:51	66.1	70.8	56.1	
8/5/2018 12:56	66.7	70.7	57.3	
8/5/2018 13:01	67.5	71.0	57.7	66.8
8/5/2018 13:06	66.4	70.6	58.0	
8/5/2018 13:11	67.7	72.0	57.6	
8/5/2018 13:16	67.8	72.5	57.6	
8/5/2018 13:21	64.9	68.0	58.1	
8/5/2018 13:26	65.9	70.0	57.4	
8/5/2018 13:31	65.9	69.9	58.4	73.6
8/5/2018 13:36	64.1	67.8	56.5	
8/5/2018 13:41	63.4	67.8	54.5	
8/5/2018 13:46	67.4	71.4	58.7	
8/5/2018 13:51	71.6	73.7	67.8	
8/5/2018 13:56	80.4	80.0	72.5	
8/5/2018 14:01	87.8	93.2	76.1	81.8
8/5/2018 14:06	83.5	86.6	75.9	
8/5/2018 14:11	76.3	79.1	69.5	
8/5/2018 14:16	74.5	76.3	70.3	
8/5/2018 14:21	70.4	73.4	65.6	
8/5/2018 14:26	68.3	70.6	64.5	
8/5/2018 14:31	69.0	72.0	63.8	66.2
8/5/2018 14:36	67.3	70.1	63.0	
8/5/2018 14:41	67.3	69.9	63.1	
8/5/2018 14:46	63.9	66.6	58.4	
8/5/2018 14:51	63.4	67.2	56.9	
8/5/2018 14:56	62.7	67.1	56.3	
8/5/2018 15:01	62.3	66.6	56.6	63.6
8/5/2018 15:06	63.8	66.3	59.0	
8/5/2018 15:11	64.3	66.5	61.6	
8/5/2018 15:16	63.3	66.6	59.3	
8/5/2018 15:21	64.2	67.2	59.6	
8/5/2018 15:26	63.7	66.3	59.6	
8/5/2018 15:31	63.2	66.5	59.1	64.3
8/5/2018 15:36	64.9	67.5	61.1	
8/5/2018 15:41	65.8	67.2	59.7	
8/5/2018 15:46	64.3	66.8	61.1	
8/5/2018 15:51	63.9	67.0	59.3	
8/5/2018 15:56	63.1	66.1	58.7	
8/5/2018 16:01	63.5	66.9	58.9	64.7
8/5/2018 16:06	66.3	69.8	60.0	
8/5/2018 16:11	62.7	66.0	58.9	
8/5/2018 16:16	63.3	66.4	57.9	
8/5/2018 16:21	67.1	65.1	56.2	
8/5/2018 16:26	63.5	67.2	57.0	

Measured Noise Levels (dB(A)) at NMS-CA-3 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
8/5/2018 16:31	64.6	68.2	57.8	63.6
8/5/2018 16:36	64.6	66.9	55.8	
8/5/2018 16:41	61.5	65.3	55.9	
8/5/2018 16:46	60.3	63.5	54.9	
8/5/2018 16:51	64.2	67.6	56.8	
8/5/2018 16:56	64.7	68.8	55.6	
8/5/2018 17:01	63.1	66.9	55.5	65.6
8/5/2018 17:06	65.2	69.6	57.6	
8/5/2018 17:11	66.7	71.1	57.6	
8/5/2018 17:16	64.9	69.2	55.4	
8/5/2018 17:21	66.9	71.4	54.4	
8/5/2018 17:26	65.9	70.3	54.2	
8/5/2018 17:31	66.4	69.6	56.9	65.2
8/5/2018 17:36	64.8	68.2	57.2	
8/5/2018 17:41	65.1	69.0	57.2	
8/5/2018 17:46	65.9	70.0	55.2	
8/5/2018 17:51	64.2	68.1	55.6	
8/5/2018 17:56	64.4	67.6	54.5	
8/5/2018 18:01	65.7	69.3	53.5	65.2
8/5/2018 18:06	63.8	67.5	55.6	
8/5/2018 18:11	62.3	66.4	54.4	
8/5/2018 18:16	65.7	70.5	54.9	
8/5/2018 18:21	66.6	70.3	56.3	
8/5/2018 18:26	65.5	69.7	55.8	
8/5/2018 18:31	65.1	69.4	54.3	64.9
8/5/2018 18:36	64.6	69.1	53.7	
8/5/2018 18:41	66.2	70.4	54.2	
8/5/2018 18:46	64.7	69.4	52.8	
8/5/2018 18:51	65.3	69.8	55.9	
8/5/2018 18:56	62.6	67.2	52.8	
9/5/2018 7:01	61.5	65.2	53.2	62.1
9/5/2018 7:06	59.2	62.5	53.1	
9/5/2018 7:11	60.4	63.3	55.1	
9/5/2018 7:16	62.9	66.2	55.4	
9/5/2018 7:21	61.9	65.6	54.9	
9/5/2018 7:26	64.6	68.7	55.1	
9/5/2018 7:31	59.1	62.7	53.5	64.7
9/5/2018 7:36	63.7	67.9	55.5	
9/5/2018 7:41	66.0	69.4	57.6	
9/5/2018 7:46	64.3	68.2	55.4	
9/5/2018 7:51	66.1	70.0	57.5	
9/5/2018 7:56	65.6	69.3	57.7	
9/5/2018 8:01	64.4	68.5	56.5	65.3
9/5/2018 8:06	65.1	68.6	57.3	
9/5/2018 8:11	65.4	69.0	58.8	
9/5/2018 8:16	65.7	69.2	58.2	
9/5/2018 8:21	65.4	68.5	58.1	
9/5/2018 8:26	65.4	69.1	58.2	
9/5/2018 8:31	65.8	69.2	58.2	65.2
9/5/2018 8:36	66.4	69.9	58.1	
9/5/2018 8:41	65.3	69.0	56.2	
9/5/2018 8:46	66.3	70.0	59.3	
9/5/2018 8:51	63.3	66.0	59.0	
9/5/2018 8:56	63.1	66.6	58.1	

Measured Noise Levels (dB(A)) at NMS-CA-3 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
9/5/2018 9:01	64.7	68.2	58.9	66.5
9/5/2018 9:06	65.6	68.4	60.3	
9/5/2018 9:11	65.6	68.6	61.1	
9/5/2018 9:16	67.7	71.2	60.7	
9/5/2018 9:21	68.1	70.9	60.6	
9/5/2018 9:26	66.5	69.9	58.2	
9/5/2018 9:31	66.8	70.3	59.3	66.1
9/5/2018 9:36	66.1	69.9	59.5	
9/5/2018 9:41	64.7	68.6	55.5	
9/5/2018 9:46	64.2	67.4	56.5	
9/5/2018 9:51	66.0	70.5	57.3	
9/5/2018 9:56	67.8	72.4	57.3	
9/5/2018 10:01	66.4	69.9	56.5	67.9
9/5/2018 10:06	66.7	70.5	60.4	
9/5/2018 10:11	68.4	70.6	59.7	
9/5/2018 10:16	66.1	69.2	60.0	
9/5/2018 10:21	70.3	74.1	61.3	
9/5/2018 10:26	68.2	71.6	61.6	
9/5/2018 10:31	67.6	70.8	61.2	67.9
9/5/2018 10:36	67.2	70.4	61.7	
9/5/2018 10:41	69.4	73.4	61.6	
9/5/2018 10:46	68.1	71.0	61.9	
9/5/2018 10:51	67.2	70.9	60.5	
9/5/2018 10:56	67.5	70.9	60.0	
9/5/2018 11:01	67.6	70.9	61.5	66.7
9/5/2018 11:06	65.3	68.3	60.4	
9/5/2018 11:11	67.7	71.0	61.0	
9/5/2018 11:16	65.6	68.8	60.4	
9/5/2018 11:21	67.4	71.0	60.3	
9/5/2018 11:26	65.6	69.0	60.3	
9/5/2018 11:31	68.0	71.3	60.7	67.2
9/5/2018 11:36	66.4	69.4	60.8	
9/5/2018 11:41	65.2	68.1	59.1	
9/5/2018 11:46	66.8	69.5	61.6	
9/5/2018 11:51	67.4	70.5	59.5	
9/5/2018 11:56	68.6	72.1	63.2	
9/5/2018 12:01	66.5	69.5	61.1	67.9
9/5/2018 12:06	67.3	70.7	60.5	
9/5/2018 12:11	66.3	69.1	61.0	
9/5/2018 12:16	65.1	69.2	58.3	
9/5/2018 12:21	71.8	70.6	64.5	
9/5/2018 12:26	66.6	69.8	60.5	
9/5/2018 12:31	66.8	70.3	60.0	67.1
9/5/2018 12:36	66.3	69.9	58.6	
9/5/2018 12:41	68.4	72.0	61.1	
9/5/2018 12:46	68.0	71.0	61.3	
9/5/2018 12:51	66.2	69.4	59.1	
9/5/2018 12:56	66.5	69.8	59.9	
9/5/2018 13:01	68.7	71.7	63.0	67.8
9/5/2018 13:06	69.4	71.8	66.0	
9/5/2018 13:11	67.5	71.3	61.8	
9/5/2018 13:16	66.8	69.7	62.3	
9/5/2018 13:21	67.6	70.6	63.7	
9/5/2018 13:26	66.3	69.1	61.8	

Measured Noise Levels (dB(A)) at NMS-CA-3 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
9/5/2018 13:31	66.7	70.1	60.6	66.8
9/5/2018 13:36	64.4	67.4	58.3	
9/5/2018 13:41	66.0	69.6	59.4	
9/5/2018 13:46	68.7	71.6	62.7	
9/5/2018 13:51	66.8	70.0	60.0	
9/5/2018 13:56	66.9	70.2	61.0	
9/5/2018 14:01	70.1	73.9	62.7	68.0
9/5/2018 14:06	66.7	69.3	62.8	
9/5/2018 14:11	66.7	68.8	63.5	
9/5/2018 14:16	67.6	70.5	63.8	
9/5/2018 14:21	68.6	71.6	63.3	
9/5/2018 14:26	67.5	70.3	63.2	
9/5/2018 14:31	67.4	70.5	62.0	69.0
9/5/2018 14:36	69.9	73.4	62.9	
9/5/2018 14:41	67.1	70.5	61.3	
9/5/2018 14:46	68.1	71.4	61.8	
9/5/2018 14:51	69.0	72.5	61.9	
9/5/2018 14:56	71.1	75.0	63.6	
9/5/2018 15:01	72.9	76.7	63.4	73.4
9/5/2018 15:06	75.1	78.9	64.4	
9/5/2018 15:11	76.2	79.9	65.7	
9/5/2018 15:16	73.8	77.3	63.8	
9/5/2018 15:21	70.1	73.3	62.7	
9/5/2018 15:26	66.3	69.8	60.2	
9/5/2018 15:31	68.1	71.7	61.0	69.4
9/5/2018 15:36	68.0	71.1	62.3	
9/5/2018 15:41	71.3	74.3	61.7	
9/5/2018 15:46	70.8	74.1	62.6	
9/5/2018 15:51	68.0	71.6	61.8	
9/5/2018 15:56	68.8	72.3	60.4	
9/5/2018 16:01	68.1	71.4	60.6	73.5
9/5/2018 16:06	73.3	75.1	62.8	
9/5/2018 16:11	77.4	79.1	66.4	
9/5/2018 16:16	74.4	76.2	67.3	
9/5/2018 16:21	72.3	74.3	61.5	
9/5/2018 16:26	68.3	72.0	59.6	
9/5/2018 16:31	67.4	70.7	60.0	67.0
9/5/2018 16:36	67.1	70.5	59.8	
9/5/2018 16:41	68.1	71.8	58.6	
9/5/2018 16:46	64.4	67.5	58.3	
9/5/2018 16:51	66.1	68.9	59.5	
9/5/2018 16:56	68.0	71.8	58.4	
9/5/2018 17:01	66.3	70.2	59.3	66.0
9/5/2018 17:06	65.4	68.9	57.4	
9/5/2018 17:11	68.1	71.6	58.3	
9/5/2018 17:16	63.4	66.6	57.3	
9/5/2018 17:21	65.9	69.7	57.6	
9/5/2018 17:26	65.7	68.9	58.4	
9/5/2018 17:31	65.6	69.3	58.9	67.0
9/5/2018 17:36	67.5	71.6	58.4	
9/5/2018 17:41	68.8	72.7	58.2	
9/5/2018 17:46	67.0	70.1	58.0	
9/5/2018 17:51	66.6	70.4	58.2	
9/5/2018 17:56	65.2	68.2	56.9	

Measured Noise Levels (dB(A)) at NMS-CA-3 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
9/5/2018 18:01	70.1	74.2	57.4	67.1
9/5/2018 18:06	66.0	70.2	56.3	
9/5/2018 18:11	65.8	70.2	56.8	
9/5/2018 18:16	67.5	71.3	57.8	
9/5/2018 18:21	65.8	69.7	57.5	
9/5/2018 18:26	65.1	69.0	56.8	
9/5/2018 18:31	67.1	71.5	54.7	67.3
9/5/2018 18:36	68.4	71.7	59.5	
9/5/2018 18:41	66.3	70.3	57.4	
9/5/2018 18:46	68.7	72.0	59.6	
9/5/2018 18:51	65.3	68.9	55.6	
9/5/2018 18:56	67.3	70.8	58.1	
10/5/2018 7:01	63.0	66.7	55.3	65.2
10/5/2018 7:06	61.2	64.0	54.1	
10/5/2018 7:11	64.9	68.6	55.7	
10/5/2018 7:16	66.5	70.3	56.5	
10/5/2018 7:21	64.6	67.5	57.1	
10/5/2018 7:26	67.8	71.5	60.1	
10/5/2018 7:31	66.6	70.5	55.7	68.8
10/5/2018 7:36	68.7	72.3	57.4	
10/5/2018 7:41	68.4	71.9	58.2	
10/5/2018 7:46	67.5	71.0	58.7	
10/5/2018 7:51	69.8	72.2	60.6	
10/5/2018 7:56	70.7	74.1	59.1	
10/5/2018 8:01	65.9	69.0	56.6	70.0
10/5/2018 8:06	74.1	73.5	58.3	
10/5/2018 8:12	69.1	72.7	59.0	
10/5/2018 8:17	67.6	71.5	58.3	
10/5/2018 8:22	68.5	73.0	58.1	
10/5/2018 8:27	69.9	73.5	58.9	
10/5/2018 8:32	70.4	73.4	58.9	73.1
10/5/2018 8:37	68.1	71.8	58.7	
10/5/2018 8:42	73.3	76.6	62.7	
10/5/2018 8:47	76.6	79.5	67.7	
10/5/2018 8:52	73.4	76.6	63.8	
10/5/2018 8:57	71.9	75.6	63.9	
10/5/2018 9:02	71.2	74.5	62.9	71.2
10/5/2018 9:07	72.8	76.1	63.1	
10/5/2018 9:12	71.7	75.0	63.6	
10/5/2018 9:17	69.8	72.8	62.1	
10/5/2018 9:22	71.1	73.3	62.8	
10/5/2018 9:27	69.7	72.5	62.1	
10/5/2018 9:32	72.9	76.1	61.9	69.2
10/5/2018 9:37	69.4	73.3	58.7	
10/5/2018 9:42	67.4	70.8	61.1	
10/5/2018 9:47	67.9	71.4	60.4	
10/5/2018 9:52	67.3	70.5	61.1	
10/5/2018 9:57	66.5	69.6	60.5	
10/5/2018 10:02	69.5	73.4	60.3	70.0
10/5/2018 10:07	67.9	71.3	59.8	
10/5/2018 10:12	68.8	72.3	59.6	
10/5/2018 10:17	68.4	71.9	61.6	
10/5/2018 10:22	71.6	75.6	61.8	
10/5/2018 10:27	71.9	75.8	61.7	

Measured Noise Levels (dB(A)) at NMS-CA-3 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
10/5/2018 10:32	71.0	74.6	62.8	71.7
10/5/2018 10:37	71.9	76.1	61.0	
10/5/2018 10:42	73.8	77.5	61.9	
10/5/2018 10:47	72.1	75.7	62.8	
10/5/2018 10:52	70.2	73.1	61.2	
10/5/2018 10:57	69.8	73.1	61.5	
10/5/2018 11:02	67.7	71.5	60.2	68.2
10/5/2018 11:07	68.8	72.4	59.6	
10/5/2018 11:12	69.7	73.0	60.6	
10/5/2018 11:17	66.8	70.2	58.9	
10/5/2018 11:22	67.1	70.2	60.2	
10/5/2018 11:27	68.4	71.7	60.6	
10/5/2018 11:32	67.2	70.4	59.6	66.0
10/5/2018 11:37	64.0	67.2	59.7	
10/5/2018 11:42	65.6	68.9	60.2	
10/5/2018 11:47	66.1	69.7	59.2	
10/5/2018 11:52	66.1	69.3	58.6	
10/5/2018 11:57	66.6	69.4	57.9	
10/5/2018 12:02	66.4	70.2	57.5	65.7
10/5/2018 12:07	64.9	68.3	58.2	
10/5/2018 12:12	65.3	69.1	57.6	
10/5/2018 12:17	65.5	69.2	58.6	
10/5/2018 12:22	66.8	70.4	57.2	
10/5/2018 12:27	64.8	68.6	57.5	
10/5/2018 12:32	64.9	68.2	58.1	66.9
10/5/2018 12:37	68.0	71.5	57.7	
10/5/2018 12:42	64.9	68.1	58.1	
10/5/2018 12:47	67.6	71.1	58.6	
10/5/2018 12:52	67.9	71.5	60.2	
10/5/2018 12:57	67.2	71.3	58.5	
10/5/2018 13:02	67.2	71.2	58.7	67.0
10/5/2018 13:07	66.8	70.8	60.0	
10/5/2018 13:12	65.3	69.0	59.1	
10/5/2018 13:17	67.0	70.7	59.3	
10/5/2018 13:22	66.6	69.8	60.0	
10/5/2018 13:27	68.7	72.5	59.8	
10/5/2018 13:32	66.2	69.2	60.6	66.4
10/5/2018 13:37	66.1	69.6	59.7	
10/5/2018 13:42	65.0	68.3	59.6	
10/5/2018 13:47	67.2	70.7	60.5	
10/5/2018 13:52	67.1	69.7	60.9	
10/5/2018 13:57	66.3	69.6	60.0	
10/5/2018 14:02	68.2	71.9	61.1	67.5
10/5/2018 14:07	66.5	70.6	58.6	
10/5/2018 14:12	64.1	67.0	59.1	
10/5/2018 14:17	69.1	72.2	60.4	
10/5/2018 14:22	68.7	72.3	59.0	
10/5/2018 14:27	66.8	70.2	60.2	
10/5/2018 14:32	67.6	71.0	60.7	68.7
10/5/2018 14:37	67.9	71.0	59.2	
10/5/2018 14:42	67.4	71.0	58.8	
10/5/2018 14:47	67.5	70.6	60.8	
10/5/2018 14:52	71.3	74.8	62.7	
10/5/2018 14:57	69.2	72.7	61.0	

Measured Noise Levels (dB(A)) at NMS-CA-3 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
10/5/2018 15:02	70.4	73.5	61.9	71.8
10/5/2018 15:07	70.0	73.3	62.7	
10/5/2018 15:12	71.3	75.0	62.1	
10/5/2018 15:17	72.3	76.7	62.2	
10/5/2018 15:22	73.1	77.0	61.6	
10/5/2018 15:27	72.6	76.0	62.1	
10/5/2018 15:32	72.6	76.8	62.5	71.6
10/5/2018 15:37	72.1	75.0	61.8	
10/5/2018 15:42	72.4	76.1	63.5	
10/5/2018 15:47	72.7	76.4	63.7	
10/5/2018 15:52	71.1	72.4	59.6	
10/5/2018 15:57	66.0	69.6	59.6	
10/5/2018 16:02	67.3	70.3	61.4	67.0
10/5/2018 16:07	65.9	69.3	58.9	
10/5/2018 16:12	65.5	68.7	59.6	
10/5/2018 16:17	65.4	68.9	58.9	
10/5/2018 16:22	65.7	68.7	57.6	
10/5/2018 16:27	69.9	73.4	62.8	
10/5/2018 16:32	70.3	74.1	60.8	70.3
10/5/2018 16:37	72.5	76.8	63.6	
10/5/2018 16:42	70.6	74.2	62.2	
10/5/2018 16:47	71.1	74.5	63.4	
10/5/2018 16:52	67.9	70.9	58.1	
10/5/2018 16:57	66.6	70.1	59.4	
10/5/2018 17:02	64.3	68.3	57.2	66.1
10/5/2018 17:07	67.6	71.0	60.1	
10/5/2018 17:12	65.6	69.1	59.3	
10/5/2018 17:17	67.3	70.9	59.1	
10/5/2018 17:22	65.5	69.2	59.0	
10/5/2018 17:27	65.1	68.8	57.5	
10/5/2018 17:32	65.7	69.4	58.9	66.7
10/5/2018 17:37	68.0	71.7	60.2	
10/5/2018 17:42	67.8	70.8	57.5	
10/5/2018 17:47	66.9	70.7	56.8	
10/5/2018 17:52	66.8	70.5	58.0	
10/5/2018 17:57	64.2	67.2	57.3	
10/5/2018 18:02	65.5	69.5	57.9	65.9
10/5/2018 18:07	66.6	70.2	58.9	
10/5/2018 18:12	65.8	70.1	57.8	
10/5/2018 18:17	66.7	70.2	57.4	
10/5/2018 18:22	64.0	67.5	56.1	
10/5/2018 18:27	66.0	69.5	58.7	
10/5/2018 18:32	65.7	69.5	56.2	66.1
10/5/2018 18:37	66.3	70.0	58.6	
10/5/2018 18:42	68.6	71.8	56.3	
10/5/2018 18:47	65.3	68.7	57.2	
10/5/2018 18:52	64.5	68.0	57.2	
10/5/2018 18:57	64.9	68.8	54.9	
11/5/2018 7:02	56.7	58.9	52.2	60.6
11/5/2018 7:07	60.9	65.1	52.8	
11/5/2018 7:12	60.8	64.9	53.2	
11/5/2018 7:17	61.2	65.5	53.6	
11/5/2018 7:22	61.4	65.8	53.3	
11/5/2018 7:27	61.3	64.9	53.1	

Measured Noise Levels (dB(A)) at NMS-CA-3 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
11/5/2018 7:32	60.7	64.9	53.5	63.7
11/5/2018 7:37	64.3	68.7	55.3	
11/5/2018 7:42	64.4	68.0	55.1	
11/5/2018 7:47	64.4	67.9	56.5	
11/5/2018 7:52	63.9	66.9	56.5	
11/5/2018 7:57	63.3	67.4	54.1	
11/5/2018 8:02	62.9	67.0	55.8	64.5
11/5/2018 8:07	64.5	68.1	56.4	
11/5/2018 8:12	64.9	68.5	57.3	
11/5/2018 8:17	65.3	69.1	58.6	
11/5/2018 8:22	64.1	67.5	57.3	
11/5/2018 8:27	64.9	69.1	57.4	
11/5/2018 8:32	64.1	68.1	56.4	70.8
11/5/2018 8:37	70.2	75.2	59.5	
11/5/2018 8:42	70.8	74.6	61.0	
11/5/2018 8:47	70.9	74.7	61.1	
11/5/2018 8:52	72.0	76.8	60.2	
11/5/2018 8:57	72.8	75.9	60.0	
11/5/2018 9:02	76.4	80.4	61.0	73.9
11/5/2018 9:07	75.7	78.6	59.5	
11/5/2018 9:12	75.9	78.7	63.1	
11/5/2018 9:17	70.2	72.3	59.5	
11/5/2018 9:22	69.6	72.1	59.6	
11/5/2018 9:27	69.7	72.9	60.6	
11/5/2018 9:32	67.4	70.8	59.5	66.3
11/5/2018 9:37	66.0	69.0	57.6	
11/5/2018 9:42	65.0	68.7	57.5	
11/5/2018 9:47	66.9	71.0	57.4	
11/5/2018 9:52	66.2	70.5	56.7	
11/5/2018 9:57	65.9	69.7	58.2	
11/5/2018 10:02	65.9	69.1	59.1	65.3
11/5/2018 10:07	65.2	68.7	58.3	
11/5/2018 10:12	66.9	70.9	58.5	
11/5/2018 10:17	64.6	67.9	57.9	
11/5/2018 10:22	64.3	67.4	57.5	
11/5/2018 10:27	64.6	67.9	58.8	
11/5/2018 10:32	67.5	70.5	61.8	68.0
11/5/2018 10:37	66.9	70.1	61.2	
11/5/2018 10:42	68.4	71.8	62.3	
11/5/2018 10:47	67.1	70.6	60.9	
11/5/2018 10:52	66.6	69.6	60.3	
11/5/2018 10:57	70.3	74.4	62.3	
11/5/2018 11:02	70.4	74.0	62.4	68.9
11/5/2018 11:07	69.5	72.8	61.5	
11/5/2018 11:12	67.9	71.0	61.8	
11/5/2018 11:17	68.2	71.3	61.6	
11/5/2018 11:22	68.5	72.0	62.2	
11/5/2018 11:27	68.3	71.7	61.3	
11/5/2018 11:32	66.3	70.0	59.3	65.4
11/5/2018 11:37	63.5	66.6	58.0	
11/5/2018 11:42	65.6	69.0	58.5	
11/5/2018 11:47	65.4	69.2	57.6	
11/5/2018 11:52	64.0	67.6	57.4	
11/5/2018 11:57	66.5	70.0	57.2	



Measured Noise Levels (dB(A)) at NMS-CA-3 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
11/5/2018 12:02	64.6	68.7	56.3	64.5
11/5/2018 12:07	65.3	69.3	55.8	
11/5/2018 12:12	64.7	68.5	56.9	
11/5/2018 12:17	64.3	67.8	56.9	
11/5/2018 12:22	64.3	68.1	56.5	
11/5/2018 12:27	63.8	66.7	57.4	
11/5/2018 12:32	66.6	70.7	58.0	67.1
11/5/2018 12:37	66.1	70.1	57.5	
11/5/2018 12:42	65.8	69.3	58.6	
11/5/2018 12:47	67.5	72.2	57.7	
11/5/2018 12:52	68.6	72.0	61.9	
11/5/2018 12:57	67.1	70.3	60.6	
11/5/2018 13:02	66.7	70.1	60.8	68.6
11/5/2018 13:07	67.3	70.5	61.3	
11/5/2018 13:12	67.1	70.4	60.9	
11/5/2018 13:17	66.4	69.3	60.9	
11/5/2018 13:22	68.6	71.8	61.7	
11/5/2018 13:27	72.2	75.1	63.7	
11/5/2018 13:32	76.1	78.5	65.4	73.5
11/5/2018 13:37	75.1	77.5	65.7	
11/5/2018 13:42	73.4	76.0	63.9	
11/5/2018 13:47	71.9	75.2	64.3	
11/5/2018 13:52	71.5	74.5	64.2	
11/5/2018 13:57	69.9	72.3	63.3	
11/5/2018 14:02	67.2	70.6	62.3	67.6
11/5/2018 14:07	68.4	71.9	62.3	
11/5/2018 14:12	68.2	71.1	63.3	
11/5/2018 14:17	67.4	70.1	63.1	
11/5/2018 14:22	66.5	69.9	59.0	
11/5/2018 14:27	67.7	70.8	61.9	
11/5/2018 14:32	67.8	70.9	61.2	67.9
11/5/2018 14:37	69.4	72.7	62.6	
11/5/2018 14:42	68.3	71.2	62.6	
11/5/2018 14:47	68.6	71.7	62.7	
11/5/2018 14:52	65.8	68.8	59.4	
11/5/2018 14:57	66.6	69.7	61.0	
11/5/2018 15:02	66.2	70.1	59.4	66.0
11/5/2018 15:07	66.3	70.7	58.2	
11/5/2018 15:12	67.2	70.0	62.2	
11/5/2018 15:17	65.7	68.5	61.7	
11/5/2018 15:22	65.3	68.1	60.6	
11/5/2018 15:27	65.0	68.0	59.7	
11/5/2018 15:32	66.6	70.1	61.2	65.8
11/5/2018 15:37	65.8	69.2	59.3	
11/5/2018 15:42	65.6	69.4	59.6	
11/5/2018 15:47	65.9	69.3	59.6	
11/5/2018 15:52	66.1	69.1	59.2	
11/5/2018 15:57	64.8	68.2	58.7	
11/5/2018 16:02	66.5	70.6	58.0	67.2
11/5/2018 16:07	66.0	70.2	57.6	
11/5/2018 16:12	66.4	69.6	60.1	
11/5/2018 16:17	65.9	69.5	58.7	
11/5/2018 16:22	65.8	69.4	58.4	
11/5/2018 16:27	70.3	73.7	62.4	

Measured Noise Levels (dB(A)) at NMS-CA-3 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
11/5/2018 16:32	66.7	70.1	59.3	66.9
11/5/2018 16:37	67.7	70.6	60.0	
11/5/2018 16:42	66.0	69.5	60.3	
11/5/2018 16:47	68.5	72.1	61.1	
11/5/2018 16:52	65.3	68.0	58.1	
11/5/2018 16:57	66.1	70.1	57.3	
11/5/2018 17:02	65.3	69.3	57.5	65.1
11/5/2018 17:07	66.0	70.2	57.5	
11/5/2018 17:12	66.1	69.6	57.4	
11/5/2018 17:17	65.1	69.6	56.7	
11/5/2018 17:22	64.0	67.9	56.3	
11/5/2018 17:27	63.4	66.4	57.1	
11/5/2018 17:32	65.1	69.1	56.2	65.5
11/5/2018 17:37	64.9	69.2	57.1	
11/5/2018 17:42	66.0	69.0	55.8	
11/5/2018 17:47	65.1	69.2	55.8	
11/5/2018 17:52	64.9	68.7	57.4	
11/5/2018 17:57	66.5	71.1	56.0	
11/5/2018 18:02	65.2	68.4	56.6	65.2
11/5/2018 18:07	66.2	70.1	57.6	
11/5/2018 18:12	64.5	68.6	56.8	
11/5/2018 18:17	65.5	68.7	57.4	
11/5/2018 18:22	64.4	67.9	56.3	
11/5/2018 18:27	64.9	68.4	56.2	
11/5/2018 18:32	65.8	69.8	57.6	65.8
11/5/2018 18:37	67.2	70.9	58.2	
11/5/2018 18:42	66.0	69.5	56.5	
11/5/2018 18:47	65.8	69.9	57.1	
11/5/2018 18:52	63.3	66.5	55.4	
11/5/2018 18:57	65.6	69.1	59.6	
12/5/2018 7:02	54.8	56.9	50.4	60.7
12/5/2018 7:07	61.6	66.3	50.8	
12/5/2018 7:12	59.3	63.7	49.6	
12/5/2018 7:17	62.7	67.0	52.9	
12/5/2018 7:22	60.6	65.5	51.2	
12/5/2018 7:27	61.8	66.5	51.1	
12/5/2018 7:32	61.3	66.2	50.6	62.9
12/5/2018 7:37	63.3	67.4	53.8	
12/5/2018 7:42	61.9	66.2	51.9	
12/5/2018 7:47	64.5	68.3	55.0	
12/5/2018 7:52	62.3	67.3	52.0	
12/5/2018 7:57	63.5	67.6	53.1	
12/5/2018 8:02	61.9	65.8	54.6	63.7
12/5/2018 8:07	64.5	67.8	55.3	
12/5/2018 8:12	60.7	63.7	54.8	
12/5/2018 8:17	64.9	68.6	56.4	
12/5/2018 8:22	66.0	69.5	56.7	
12/5/2018 8:27	61.5	64.9	55.0	
12/5/2018 8:32	62.1	66.1	55.2	63.5
12/5/2018 8:37	62.1	65.8	55.2	
12/5/2018 8:42	64.2	68.8	55.0	
12/5/2018 8:47	65.3	69.2	56.2	
12/5/2018 8:52	62.0	65.1	55.8	
12/5/2018 8:57	64.3	67.8	57.7	

Measured Noise Levels (dB(A)) at NMS-CA-3 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
12/5/2018 9:02	66.3	70.3	56.0	65.9
12/5/2018 9:07	63.8	67.7	55.8	
12/5/2018 9:12	64.1	68.3	55.1	
12/5/2018 9:17	68.4	72.0	59.2	
12/5/2018 9:22	65.2	69.5	56.4	
12/5/2018 9:27	65.6	69.6	57.5	65.3
12/5/2018 9:32	63.8	67.4	57.3	
12/5/2018 9:37	64.2	67.8	57.9	
12/5/2018 9:42	67.5	70.2	57.3	
12/5/2018 9:47	65.1	68.9	57.1	
12/5/2018 9:52	64.7	67.7	57.3	66.7
12/5/2018 9:57	65.6	69.3	57.4	
12/5/2018 10:02	65.9	69.4	60.6	
12/5/2018 10:07	67.7	71.3	61.2	
12/5/2018 10:12	65.7	68.8	61.4	
12/5/2018 10:17	68.1	71.6	63.1	66.9
12/5/2018 10:22	65.8	68.4	61.3	
12/5/2018 10:27	66.4	69.7	60.8	
12/5/2018 10:32	66.3	69.1	61.0	
12/5/2018 10:37	67.3	70.5	61.0	
12/5/2018 10:42	67.1	69.9	61.9	65.7
12/5/2018 10:47	67.0	69.3	62.6	
12/5/2018 10:52	67.2	70.4	61.8	
12/5/2018 10:57	66.3	69.4	61.2	
12/5/2018 11:02	66.3	69.5	62.2	
12/5/2018 11:07	67.5	70.8	62.0	61.6
12/5/2018 11:12	66.5	69.7	62.4	
12/5/2018 11:17	63.5	65.5	61.3	
12/5/2018 11:22	64.0	66.2	61.0	
12/5/2018 11:27	65.3	68.0	58.0	
12/5/2018 11:32	60.9	64.5	54.8	62.0
12/5/2018 11:37	59.7	62.4	55.2	
12/5/2018 11:42	62.2	66.1	56.3	
12/5/2018 11:47	60.5	62.8	55.5	
12/5/2018 11:52	62.8	66.5	56.3	
12/5/2018 11:57	62.6	66.3	56.0	63.4
12/5/2018 12:02	62.8	64.8	56.0	
12/5/2018 12:07	63.3	66.9	57.9	
12/5/2018 12:12	60.9	63.5	56.6	
12/5/2018 12:17	62.3	66.2	56.2	
12/5/2018 12:22	61.8	65.2	56.0	65.4
12/5/2018 12:27	60.0	63.6	55.1	
12/5/2018 12:32	65.0	68.7	57.9	
12/5/2018 12:37	60.2	63.2	55.4	
12/5/2018 12:42	61.4	65.1	55.5	
12/5/2018 12:47	62.4	64.6	56.5	64.9
12/5/2018 12:52	64.1	66.2	61.5	
12/5/2018 12:57	65.0	68.4	61.8	
12/5/2018 13:02	65.1	67.9	61.9	
12/5/2018 13:07	64.7	66.3	62.3	
12/5/2018 13:12	65.2	67.3	62.3	64.9
12/5/2018 13:17	66.4	69.3	63.0	
12/5/2018 13:22	66.2	67.9	63.2	
12/5/2018 13:27	64.6	67.0	60.0	

Measured Noise Levels (dB(A)) at NMS-CA-3 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
12/5/2018 13:32	65.2	68.6	56.9	64.9
12/5/2018 13:37	64.1	67.8	57.9	
12/5/2018 13:42	62.0	64.1	57.8	
12/5/2018 13:47	64.7	67.6	57.9	
12/5/2018 13:52	67.5	69.6	63.0	
12/5/2018 13:57	63.6	65.0	62.2	67.4
12/5/2018 14:02	64.1	65.2	62.5	
12/5/2018 14:07	70.1	69.5	62.6	
12/5/2018 14:12	64.7	67.2	61.6	
12/5/2018 14:17	64.6	66.9	61.5	
12/5/2018 14:22	68.3	70.2	56.9	62.2
12/5/2018 14:27	68.8	68.4	57.0	
12/5/2018 14:32	63.4	67.0	55.8	
12/5/2018 14:37	61.6	65.1	55.6	
12/5/2018 14:42	61.2	64.6	56.4	
12/5/2018 14:47	63.3	66.9	55.8	62.9
12/5/2018 14:52	60.9	63.8	56.2	
12/5/2018 14:57	62.4	66.1	55.9	
12/5/2018 15:02	65.2	68.2	56.8	
12/5/2018 15:07	62.2	66.0	55.7	
12/5/2018 15:12	61.1	63.6	55.3	61.9
12/5/2018 15:17	61.9	65.4	56.2	
12/5/2018 15:22	63.4	67.1	55.2	
12/5/2018 15:27	62.4	65.9	55.2	
12/5/2018 15:32	63.2	67.6	55.5	
12/5/2018 15:37	62.4	65.3	55.1	64.0
12/5/2018 15:42	60.6	63.2	54.2	
12/5/2018 15:47	62.8	67.3	55.8	
12/5/2018 15:52	60.0	61.4	54.4	
12/5/2018 15:57	61.3	65.0	54.9	
12/5/2018 16:02	62.9	66.8	56.8	65.3
12/5/2018 16:07	63.6	67.2	57.5	
12/5/2018 16:12	62.4	64.9	55.4	
12/5/2018 16:17	64.7	69.3	56.1	
12/5/2018 16:22	63.7	68.1	55.8	
12/5/2018 16:27	65.6	69.3	57.4	64.4
12/5/2018 16:32	63.3	67.4	56.1	
12/5/2018 16:37	63.6	67.4	56.3	
12/5/2018 16:42	64.7	68.8	57.0	
12/5/2018 16:47	67.4	70.8	55.6	
12/5/2018 16:52	64.9	69.1	56.3	64.9
12/5/2018 16:57	66.2	71.0	56.1	
12/5/2018 17:02	63.7	67.9	56.0	
12/5/2018 17:07	63.7	67.5	56.2	
12/5/2018 17:12	66.8	71.0	54.9	
12/5/2018 17:17	62.2	65.8	56.0	64.9
12/5/2018 17:22	63.9	67.5	55.5	
12/5/2018 17:27	64.9	68.8	55.3	
12/5/2018 17:32	64.6	68.8	56.4	
12/5/2018 17:37	64.6	68.2	55.4	
12/5/2018 17:42	65.0	70.4	54.5	64.9
12/5/2018 17:47	65.4	69.5	56.1	
12/5/2018 17:52	66.5	70.7	53.3	
12/5/2018 17:57	62.0	65.9	55.0	

Measured Noise Levels (dB(A)) at NMS-CA-3 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)	
12/5/2018 18:02	63.1	67.2	55.7	64.3	
12/5/2018 18:07	65.4	68.9	57.5		
12/5/2018 18:12	64.2	68.6	56.0		
12/5/2018 18:17	65.6	69.7	56.1		
12/5/2018 18:22	61.7	64.8	54.7		
12/5/2018 18:27	64.8	68.4	55.9		
12/5/2018 18:32	65.6	69.6	55.7		
12/5/2018 18:37	64.5	68.4	53.7	64.1	
12/5/2018 18:42	65.7	70.2	55.2		
12/5/2018 18:47	64.2	68.1	55.2		
12/5/2018 18:52	62.4	65.2	52.5		
12/5/2018 18:57	60.1	62.6	52.4		
14/5/2018 7:00	56.8	59.0	51.1		60.5
14/5/2018 7:05	58.4	61.2	52.1		
14/5/2018 7:10	59.7	64.2	52.8		
14/5/2018 7:15	61.1	64.7	54.4		
14/5/2018 7:20	61.3	65.4	52.6		
14/5/2018 7:25	62.9	65.8	52.5		
14/5/2018 7:30	58.7	61.4	52.8		
14/5/2018 7:35	54.7	56.2	52.4	60.3	
14/5/2018 7:40	61.8	66.4	54.0		
14/5/2018 7:45	60.6	64.7	52.8		
14/5/2018 7:50	61.9	66.0	53.4		
14/5/2018 7:55	60.7	62.5	52.7		
14/5/2018 8:00	58.2	61.4	53.1		
14/5/2018 8:05	61.5	64.9	53.6		60.9
14/5/2018 8:10	61.4	65.0	54.3		
14/5/2018 8:15	60.9	64.0	54.1		
14/5/2018 8:20	61.0	64.2	54.7		
14/5/2018 8:25	61.6	65.6	54.3		
14/5/2018 8:30	60.9	65.0	54.1		
14/5/2018 8:35	61.4	65.1	55.1		
14/5/2018 8:40	62.2	65.5	56.5	61.2	
14/5/2018 8:45	58.1	60.9	53.8		
14/5/2018 8:50	62.5	67.6	54.0		
14/5/2018 8:55	61.1	64.8	55.4		
14/5/2018 9:00	64.3	68.0	57.7		
14/5/2018 9:05	66.6	70.1	58.3		
14/5/2018 9:10	64.6	67.9	58.6		66.2
14/5/2018 9:15	66.9	69.5	58.6		
14/5/2018 9:20	66.9	69.3	59.1		
14/5/2018 9:25	66.9	68.0	58.8		
14/5/2018 9:30	65.5	68.4	58.7		
14/5/2018 9:35	64.7	67.5	59.5		
14/5/2018 9:40	66.0	68.8	60.0	66.6	
14/5/2018 9:45	67.7	70.3	60.4		
14/5/2018 9:50	68.9	72.0	60.8		
14/5/2018 9:55	65.1	67.9	60.4		
14/5/2018 10:00	63.5	66.2	59.5		
14/5/2018 10:05	62.8	66.2	58.2		
14/5/2018 10:10	63.6	66.8	58.9		62.9
14/5/2018 10:15	63.1	65.7	59.4		
14/5/2018 10:20	63.2	67.0	58.4		
14/5/2018 10:25	60.9	63.8	56.9		

Measured Noise Levels (dB(A)) at NMS-CA-3 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
14/5/2018 10:30	62.8	65.8	57.9	63.8
14/5/2018 10:35	66.0	69.4	57.9	
14/5/2018 10:40	63.7	67.5	57.3	
14/5/2018 10:45	65.7	69.1	57.5	
14/5/2018 10:50	61.3	64.2	56.9	
14/5/2018 10:55	60.8	64.0	55.5	
14/5/2018 11:00	63.1	66.4	58.5	
14/5/2018 11:05	63.1	66.2	59.1	
14/5/2018 11:10	63.3	66.2	58.7	
14/5/2018 11:15	67.2	69.7	60.1	
14/5/2018 11:20	66.8	70.1	60.9	
14/5/2018 11:25	68.3	72.3	60.9	
14/5/2018 11:30	66.0	69.8	56.6	63.3
14/5/2018 11:35	61.5	65.6	55.2	
14/5/2018 11:40	61.5	65.4	55.8	
14/5/2018 11:45	61.9	64.3	55.7	
14/5/2018 11:50	63.7	67.8	56.4	
14/5/2018 11:55	63.5	66.5	55.4	
14/5/2018 12:00	62.6	67.0	56.0	
14/5/2018 12:05	62.2	65.9	55.3	
14/5/2018 12:10	58.6	62.5	53.9	
14/5/2018 12:15	63.8	65.5	54.4	
14/5/2018 12:20	63.5	67.7	55.8	
14/5/2018 12:25	62.2	65.5	55.3	
14/5/2018 12:30	61.7	66.1	55.9	61.6
14/5/2018 12:35	60.5	63.6	55.8	
14/5/2018 12:40	59.8	63.3	54.3	
14/5/2018 12:45	63.2	66.8	55.3	
14/5/2018 12:50	60.9	64.1	54.2	
14/5/2018 12:55	62.6	65.8	55.2	
14/5/2018 13:00	63.2	66.9	55.2	
14/5/2018 13:05	65.3	68.4	59.9	
14/5/2018 13:10	64.8	68.0	60.4	
14/5/2018 13:15	67.0	70.0	61.5	
14/5/2018 13:20	64.7	67.7	60.3	
14/5/2018 13:25	64.3	67.5	59.8	
14/5/2018 13:30	64.5	68.1	59.7	64.1
14/5/2018 13:35	62.4	65.8	56.3	
14/5/2018 13:40	63.6	67.1	58.3	
14/5/2018 13:45	64.9	68.3	59.1	
14/5/2018 13:50	64.4	67.8	59.4	
14/5/2018 13:55	64.2	67.4	59.5	
14/5/2018 14:00	63.1	66.0	57.9	
14/5/2018 14:05	62.7	65.5	58.7	
14/5/2018 14:10	63.4	66.0	57.9	
14/5/2018 14:15	65.0	68.5	59.4	
14/5/2018 14:20	64.9	68.5	58.4	
14/5/2018 14:25	65.6	69.0	59.0	
14/5/2018 14:30	65.2	68.5	59.5	65.3
14/5/2018 14:35	62.9	65.7	58.6	
14/5/2018 14:40	64.8	68.1	58.7	
14/5/2018 14:45	62.1	66.0	54.6	
14/5/2018 14:50	63.2	66.1	58.2	
14/5/2018 14:55	69.1	73.7	58.6	

Measured Noise Levels (dB(A)) at NMS-CA-3 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
14/5/2018 15:00	66.4	70.5	59.2	64.1
14/5/2018 15:05	63.8	66.9	58.9	
14/5/2018 15:10	63.3	66.0	57.9	
14/5/2018 15:15	62.2	65.2	57.7	
14/5/2018 15:20	65.1	68.7	56.2	
14/5/2018 15:25	62.4	65.3	57.7	63.6
14/5/2018 15:30	65.3	69.4	58.6	
14/5/2018 15:35	66.1	69.8	56.4	
14/5/2018 15:40	61.7	62.9	55.5	
14/5/2018 15:45	60.7	62.9	55.0	
14/5/2018 15:50	63.6	67.8	56.7	61.5
14/5/2018 15:55	61.2	64.7	56.4	
14/5/2018 16:00	59.0	61.6	54.6	
14/5/2018 16:05	62.4	66.6	55.6	
14/5/2018 16:10	59.7	63.2	54.2	
14/5/2018 16:15	60.3	63.8	54.2	62.3
14/5/2018 16:20	62.5	66.1	55.8	
14/5/2018 16:25	63.2	66.8	56.9	
14/5/2018 16:30	63.3	65.5	56.0	
14/5/2018 16:35	62.5	66.5	55.9	
14/5/2018 16:40	61.2	64.6	55.9	60.6
14/5/2018 16:45	62.3	66.7	55.4	
14/5/2018 16:50	63.1	67.3	57.0	
14/5/2018 16:55	60.8	63.8	55.9	
14/5/2018 17:00	60.3	63.7	55.1	
14/5/2018 17:05	61.2	64.3	55.8	62.0
14/5/2018 17:10	59.9	63.3	54.0	
14/5/2018 17:15	61.4	64.3	54.1	
14/5/2018 17:20	61.7	64.4	55.0	
14/5/2018 17:25	58.5	60.8	54.9	
14/5/2018 17:30	63.5	67.4	55.2	61.0
14/5/2018 17:35	59.5	62.5	54.5	
14/5/2018 17:40	62.6	66.6	55.4	
14/5/2018 17:45	59.9	63.0	53.6	
14/5/2018 17:50	61.1	64.7	54.6	
14/5/2018 17:55	63.7	68.1	55.3	62.2
14/5/2018 18:00	60.9	64.7	55.2	
14/5/2018 18:05	61.6	64.3	55.6	
14/5/2018 18:10	60.3	64.0	54.8	
14/5/2018 18:15	60.9	64.8	54.9	
14/5/2018 18:20	60.0	63.0	54.1	61.6
14/5/2018 18:25	61.9	65.5	53.5	
14/5/2018 18:30	62.0	66.1	55.0	
14/5/2018 18:35	60.2	63.5	54.0	
14/5/2018 18:40	62.3	66.8	54.0	
14/5/2018 18:45	64.4	68.3	54.4	62.7
14/5/2018 18:50	61.9	65.7	54.2	
14/5/2018 18:55	61.1	64.2	54.4	
15/5/2018 7:00	62.2	65.5	52.2	
15/5/2018 7:05	62.2	63.1	52.4	
15/5/2018 7:10	60.7	63.7	53.0	62.7
15/5/2018 7:15	61.5	65.0	53.5	
15/5/2018 7:20	60.4	64.2	53.3	
15/5/2018 7:25	62.4	64.7	52.3	

Measured Noise Levels (dB(A)) at NMS-CA-3 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
15/5/2018 7:30	65.9	68.6	54.3	62.5
15/5/2018 7:35	57.1	59.2	54.7	
15/5/2018 7:40	63.1	66.5	56.6	
15/5/2018 7:45	61.1	64.7	52.9	
15/5/2018 7:50	63.5	67.4	55.7	
15/5/2018 7:55	59.1	62.5	54.4	60.9
15/5/2018 8:00	59.4	63.8	53.4	
15/5/2018 8:05	62.0	66.8	54.9	
15/5/2018 8:10	61.7	65.7	55.5	
15/5/2018 8:15	61.1	64.2	54.4	
15/5/2018 8:20	61.6	66.2	54.9	60.7
15/5/2018 8:25	58.5	60.5	53.8	
15/5/2018 8:30	59.5	62.4	53.4	
15/5/2018 8:35	62.6	66.3	54.7	
15/5/2018 8:40	58.7	61.9	53.9	
15/5/2018 8:45	60.2	62.1	54.7	62.5
15/5/2018 8:50	61.4	65.3	54.4	
15/5/2018 8:55	60.6	64.0	54.6	
15/5/2018 9:00	63.1	67.0	55.7	
15/5/2018 9:05	59.7	62.8	54.7	
15/5/2018 9:10	59.8	62.3	56.0	62.5
15/5/2018 9:15	65.6	68.0	56.9	
15/5/2018 9:20	63.1	66.7	55.7	
15/5/2018 9:25	60.6	63.3	56.5	
15/5/2018 9:30	63.1	67.0	56.9	
15/5/2018 9:35	61.9	64.6	57.4	62.5
15/5/2018 9:40	63.0	66.2	57.2	
15/5/2018 9:45	61.8	65.2	56.4	
15/5/2018 9:50	61.0	63.9	57.3	
15/5/2018 9:55	63.7	66.5	58.0	
15/5/2018 10:00	62.7	65.2	59.4	63.4
15/5/2018 10:05	64.4	67.3	56.2	
15/5/2018 10:10	62.5	66.4	55.8	
15/5/2018 10:15	61.8	66.0	56.7	
15/5/2018 10:20	62.2	65.5	56.4	
15/5/2018 10:25	65.6	69.0	59.6	64.2
15/5/2018 10:30	63.5	66.3	59.0	
15/5/2018 10:35	65.8	69.4	59.3	
15/5/2018 10:40	64.2	67.3	59.1	
15/5/2018 10:45	64.9	68.5	59.0	
15/5/2018 10:50	63.1	65.9	57.4	62.7
15/5/2018 10:55	63.3	65.8	58.4	
15/5/2018 11:00	64.5	68.3	58.2	
15/5/2018 11:05	61.3	64.5	57.3	
15/5/2018 11:10	63.7	66.8	58.4	
15/5/2018 11:15	62.5	65.3	56.6	62.7
15/5/2018 11:20	61.6	65.3	55.6	
15/5/2018 11:25	61.3	65.4	54.9	
15/5/2018 11:30	65.4	68.9	56.4	
15/5/2018 11:35	61.2	64.3	56.4	
15/5/2018 11:40	61.0	64.2	54.9	62.7
15/5/2018 11:45	60.2	64.0	54.5	
15/5/2018 11:50	64.3	68.8	54.8	
15/5/2018 11:55	61.8	65.2	56.2	

Measured Noise Levels (dB(A)) at NMS-CA-3 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
15/5/2018 12:00	63.3	67.0	56.0	62.3
15/5/2018 12:05	60.2	63.9	54.6	
15/5/2018 12:10	63.1	67.1	55.3	
15/5/2018 12:15	62.5	66.0	55.0	
15/5/2018 12:20	63.1	67.2	56.4	
15/5/2018 12:25	61.0	63.8	56.4	62.4
15/5/2018 12:30	61.8	65.3	55.5	
15/5/2018 12:35	62.8	66.2	55.9	
15/5/2018 12:40	61.6	65.4	53.8	
15/5/2018 12:45	61.1	65.3	54.0	
15/5/2018 12:50	60.2	63.7	53.0	64.4
15/5/2018 12:55	65.2	68.2	54.9	
15/5/2018 13:00	65.1	67.8	57.1	
15/5/2018 13:05	62.0	64.9	57.1	
15/5/2018 13:10	63.9	68.0	56.9	
15/5/2018 13:15	65.4	69.0	57.1	64.5
15/5/2018 13:20	64.8	68.4	57.1	
15/5/2018 13:25	64.7	67.8	57.4	
15/5/2018 13:30	64.6	68.5	57.7	
15/5/2018 13:35	62.0	65.5	56.5	
15/5/2018 13:40	63.4	66.8	57.9	65.0
15/5/2018 13:45	65.7	68.6	59.9	
15/5/2018 13:50	64.1	67.7	58.4	
15/5/2018 13:55	66.0	69.4	60.2	
15/5/2018 14:00	65.1	68.4	59.0	
15/5/2018 14:05	64.2	67.5	57.6	65.4
15/5/2018 14:10	64.7	68.1	58.4	
15/5/2018 14:15	64.7	68.2	59.2	
15/5/2018 14:20	66.7	70.3	58.3	
15/5/2018 14:25	63.7	67.5	56.6	
15/5/2018 14:30	66.0	69.6	58.2	63.4
15/5/2018 14:35	66.6	70.6	57.3	
15/5/2018 14:40	63.7	66.6	57.6	
15/5/2018 14:45	65.5	68.8	57.5	
15/5/2018 14:50	63.3	66.4	57.6	
15/5/2018 14:55	66.3	69.9	57.5	63.2
15/5/2018 15:00	60.2	63.6	55.8	
15/5/2018 15:05	63.6	67.2	56.8	
15/5/2018 15:10	61.7	65.2	56.7	
15/5/2018 15:15	62.1	65.3	56.5	
15/5/2018 15:20	66.9	70.5	58.4	63.2
15/5/2018 15:25	62.8	66.6	56.7	
15/5/2018 15:30	63.0	66.5	56.3	
15/5/2018 15:35	63.2	67.0	57.1	
15/5/2018 15:40	63.1	66.1	58.1	
15/5/2018 15:45	65.1	69.4	57.4	63.2
15/5/2018 15:50	63.2	66.9	56.6	
15/5/2018 15:55	60.2	63.3	55.8	
15/5/2018 16:00	63.2	66.9	56.6	
15/5/2018 16:05	61.9	65.8	56.3	
15/5/2018 16:10	64.1	67.6	55.5	63.2
15/5/2018 16:15	64.6	68.3	55.8	
15/5/2018 16:20	62.4	66.2	54.2	
15/5/2018 16:25	62.4	66.1	55.0	

Measured Noise Levels (dB(A)) at NMS-CA-3 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
15/5/2018 16:30	62.5	66.8	54.8	63.2
15/5/2018 16:35	61.8	65.8	55.2	
15/5/2018 16:40	64.4	68.4	55.2	
15/5/2018 16:45	61.6	64.0	55.7	
15/5/2018 16:50	65.8	67.0	55.6	
15/5/2018 16:55	60.8	64.4	55.0	62.0
15/5/2018 17:00	62.0	65.5	56.5	
15/5/2018 17:05	61.3	65.3	54.4	
15/5/2018 17:10	63.3	67.7	54.2	
15/5/2018 17:15	60.7	64.7	54.0	
15/5/2018 17:20	62.2	65.9	54.0	62.3
15/5/2018 17:25	62.0	65.9	55.1	
15/5/2018 17:30	60.4	63.8	53.8	
15/5/2018 17:35	62.7	65.0	54.5	
15/5/2018 17:40	63.2	67.4	54.4	
15/5/2018 17:45	62.6	66.7	54.6	60.3
15/5/2018 17:50	61.4	64.3	53.7	
15/5/2018 17:55	63.0	67.8	54.0	
15/5/2018 18:00	59.2	62.3	52.9	
15/5/2018 18:05	61.5	65.4	54.0	
15/5/2018 18:10	60.4	63.6	53.7	61.6
15/5/2018 18:15	60.2	64.6	53.0	
15/5/2018 18:20	61.8	65.9	52.6	
15/5/2018 18:25	57.6	59.8	52.4	
15/5/2018 18:30	62.1	66.2	51.9	
15/5/2018 18:35	63.8	67.5	53.0	60.9
15/5/2018 18:40	59.9	63.6	53.3	
15/5/2018 18:45	62.3	66.8	53.7	
15/5/2018 18:50	61.5	66.0	53.5	
15/5/2018 18:55	57.4	59.6	53.0	
16/5/2018 7:00	57.4	59.3	52.5	63.5
16/5/2018 7:05	58.7	62.7	51.8	
16/5/2018 7:10	61.0	64.7	53.2	
16/5/2018 7:15	62.1	64.3	53.9	
16/5/2018 7:20	58.2	59.3	52.1	
16/5/2018 7:25	64.0	68.3	53.3	64.3
16/5/2018 7:30	63.1	67.0	53.8	
16/5/2018 7:35	60.6	64.5	53.2	
16/5/2018 7:40	65.6	68.9	56.0	
16/5/2018 7:45	61.3	65.0	53.5	
16/5/2018 7:50	65.7	69.5	56.0	65.4
16/5/2018 7:55	62.1	65.1	55.0	
16/5/2018 8:00	63.3	66.9	56.3	
16/5/2018 8:05	64.3	67.7	56.7	
16/5/2018 8:10	65.0	69.0	56.9	
16/5/2018 8:15	64.2	67.7	56.3	65.4
16/5/2018 8:20	65.0	69.5	56.1	
16/5/2018 8:25	63.4	67.7	56.3	
16/5/2018 8:30	66.0	70.0	57.6	
16/5/2018 8:35	66.9	70.8	57.3	
16/5/2018 8:40	64.9	68.5	57.1	65.4
16/5/2018 8:45	65.2	68.5	54.5	
16/5/2018 8:50	65.6	69.1	56.4	
16/5/2018 8:55	62.3	66.7	52.9	

Measured Noise Levels (dB(A)) at NMS-CA-3 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
16/5/2018 9:00	62.1	65.8	55.0	62.6
16/5/2018 9:05	59.2	62.8	53.8	
16/5/2018 9:10	60.0	62.3	54.0	
16/5/2018 9:15	61.6	66.0	55.0	
16/5/2018 9:21	64.9	68.6	56.4	
16/5/2018 9:26	64.7	68.2	58.8	
16/5/2018 9:31	62.3	64.5	57.0	83.7
16/5/2018 9:36	70.1	73.3	59.1	
16/5/2018 9:41	77.5	77.5	65.0	
16/5/2018 9:46	91.0	94.9	74.7	
16/5/2018 9:51	77.4	81.1	66.9	
16/5/2018 9:56	75.6	82.1	57.8	
16/5/2018 10:01	63.6	66.8	57.2	63.3
16/5/2018 10:06	63.7	68.0	56.2	
16/5/2018 10:11	62.5	66.1	56.2	
16/5/2018 10:16	65.3	69.5	56.1	
16/5/2018 10:21	61.8	65.6	55.9	
16/5/2018 10:26	62.2	64.8	56.0	
16/5/2018 10:31	65.3	68.6	60.7	62.9
16/5/2018 10:36	62.9	66.5	56.4	
16/5/2018 10:41	60.1	63.1	53.7	
16/5/2018 10:46	64.9	69.1	55.7	
16/5/2018 10:51	60.0	62.7	54.9	
16/5/2018 10:56	61.4	65.2	55.4	
16/5/2018 11:01	65.1	69.8	54.9	62.5
16/5/2018 11:06	61.2	64.9	54.9	
16/5/2018 11:11	61.3	63.9	54.8	
16/5/2018 11:16	63.2	68.5	54.0	
16/5/2018 11:21	60.3	62.9	54.2	
16/5/2018 11:26	62.2	65.7	57.0	
16/5/2018 11:31	61.6	65.4	55.0	63.8
16/5/2018 11:36	60.0	63.1	54.8	
16/5/2018 11:41	68.0	71.6	59.1	
16/5/2018 11:46	61.1	63.8	56.4	
16/5/2018 11:51	65.1	69.3	57.0	
16/5/2018 11:56	60.1	63.4	55.1	
16/5/2018 12:01	62.7	65.8	54.8	63.3
16/5/2018 12:06	62.2	65.7	54.5	
16/5/2018 12:11	60.1	63.6	53.4	
16/5/2018 12:16	60.8	63.7	55.2	
16/5/2018 12:21	66.2	67.6	55.1	
16/5/2018 12:26	64.8	68.4	55.3	
16/5/2018 12:31	64.4	68.0	56.2	64.2
16/5/2018 12:36	63.9	64.8	54.7	
16/5/2018 12:41	58.9	62.1	54.3	
16/5/2018 12:46	65.1	68.3	57.5	
16/5/2018 12:51	65.1	66.5	63.4	
16/5/2018 12:56	65.4	68.6	61.3	
16/5/2018 13:01	63.3	64.9	61.3	64.9
16/5/2018 13:06	63.4	63.9	61.8	
16/5/2018 13:11	66.5	68.4	63.3	
16/5/2018 13:16	65.3	68.0	60.8	
16/5/2018 13:21	64.8	66.1	62.6	
16/5/2018 13:26	65.4	66.5	63.0	

Measured Noise Levels (dB(A)) at NMS-CA-3 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
16/5/2018 13:31	67.1	69.4	63.9	65.6
16/5/2018 13:36	66.4	68.9	61.9	
16/5/2018 13:41	65.2	66.8	62.1	
16/5/2018 13:46	67.7	69.8	59.8	
16/5/2018 13:51	62.5	65.7	56.8	
16/5/2018 13:56	61.9	65.4	56.1	
16/5/2018 14:01	65.5	69.8	56.5	62.5
16/5/2018 14:06	62.1	65.7	55.9	
16/5/2018 14:11	61.3	64.8	55.7	
16/5/2018 14:16	62.7	66.6	55.8	
16/5/2018 14:21	60.1	63.0	55.4	
16/5/2018 14:26	61.4	64.2	55.5	
16/5/2018 14:31	64.1	67.9	56.1	64.1
16/5/2018 14:36	64.8	65.7	54.8	
16/5/2018 14:41	64.3	66.2	55.7	
16/5/2018 14:46	61.8	65.5	55.1	
16/5/2018 14:51	65.7	69.6	54.6	
16/5/2018 14:56	62.8	66.6	55.1	
16/5/2018 15:01	62.5	66.1	55.6	61.7
16/5/2018 15:06	62.3	66.0	55.1	
16/5/2018 15:11	62.4	66.2	55.6	
16/5/2018 15:16	60.8	64.2	54.7	
16/5/2018 15:21	61.4	65.7	54.7	
16/5/2018 15:26	60.4	62.7	54.4	
16/5/2018 15:31	65.4	69.1	55.6	63.1
16/5/2018 15:36	63.1	66.3	56.2	
16/5/2018 15:41	62.3	65.6	56.4	
16/5/2018 15:46	63.1	67.1	56.5	
16/5/2018 15:51	62.1	65.7	56.0	
16/5/2018 15:56	61.8	64.9	56.4	
16/5/2018 16:01	64.1	68.5	55.7	64.2
16/5/2018 16:06	62.4	65.8	55.8	
16/5/2018 16:11	63.8	67.6	56.0	
16/5/2018 16:16	62.3	65.9	55.4	
16/5/2018 16:21	68.0	71.3	56.0	
16/5/2018 16:26	60.5	64.0	54.7	
16/5/2018 16:31	62.9	66.5	56.1	61.7
16/5/2018 16:36	61.0	63.2	54.6	
16/5/2018 16:41	59.6	62.7	55.2	
16/5/2018 16:46	62.0	65.5	56.1	
16/5/2018 16:51	62.7	67.4	55.3	
16/5/2018 16:56	61.3	64.7	55.0	
16/5/2018 17:01	70.2	65.8	54.5	65.3
16/5/2018 17:06	63.9	67.3	55.6	
16/5/2018 17:11	60.2	63.5	55.0	
16/5/2018 17:16	63.9	68.0	55.3	
16/5/2018 17:21	59.8	62.4	54.1	
16/5/2018 17:26	64.6	68.3	55.2	
16/5/2018 17:31	61.1	64.4	54.6	62.2
16/5/2018 17:36	58.8	61.8	53.4	
16/5/2018 17:41	62.3	66.2	55.8	
16/5/2018 17:46	61.4	65.3	54.2	
16/5/2018 17:51	65.4	68.7	55.4	
16/5/2018 17:56	61.2	64.8	55.5	

Measured Noise Levels (dB(A)) at NMS-CA-3 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
16/5/2018 18:01	62.5	64.7	54.2	62.5
16/5/2018 18:06	65.0	68.6	55.3	
16/5/2018 18:11	58.9	60.7	54.4	
16/5/2018 18:16	60.3	64.0	54.1	
16/5/2018 18:21	62.9	67.8	55.0	
16/5/2018 18:26	62.7	66.3	55.4	
16/5/2018 18:31	61.7	65.4	54.5	61.6
16/5/2018 18:36	59.6	63.0	52.4	
16/5/2018 18:41	64.0	67.6	54.8	
16/5/2018 18:46	62.5	65.0	53.0	
16/5/2018 18:51	59.9	63.1	52.3	
16/5/2018 18:56	60.4	64.1	52.8	
17/5/2018 7:01	57.6	60.3	51.5	62.5
17/5/2018 7:06	60.4	64.5	53.0	
17/5/2018 7:11	60.1	61.6	52.8	
17/5/2018 7:16	60.7	63.8	53.8	
17/5/2018 7:21	57.7	60.7	52.6	
17/5/2018 7:26	67.9	70.0	55.1	
17/5/2018 7:31	58.5	61.2	54.0	60.7
17/5/2018 7:36	61.1	65.0	54.6	
17/5/2018 7:41	59.4	62.9	53.1	
17/5/2018 7:46	62.6	67.1	54.3	
17/5/2018 7:51	62.5	66.9	54.3	
17/5/2018 7:56	57.9	61.7	53.2	
17/5/2018 8:01	59.8	64.1	54.1	62.9
17/5/2018 8:06	64.3	67.7	55.9	
17/5/2018 8:11	58.9	62.2	55.0	
17/5/2018 8:16	61.6	65.1	55.0	
17/5/2018 8:21	63.1	66.8	56.7	
17/5/2018 8:26	65.9	67.4	55.6	
17/5/2018 8:31	60.2	62.4	54.7	61.8
17/5/2018 8:36	60.9	64.7	54.3	
17/5/2018 8:41	58.1	59.5	54.1	
17/5/2018 8:46	62.5	66.1	55.8	
17/5/2018 8:51	64.9	68.4	54.5	
17/5/2018 8:56	61.1	63.8	55.3	
17/5/2018 9:01	59.5	62.9	54.1	61.0
17/5/2018 9:06	60.4	63.4	54.9	
17/5/2018 9:11	58.9	61.5	53.8	
17/5/2018 9:16	63.9	68.2	55.0	
17/5/2018 9:21	59.4	64.1	54.8	
17/5/2018 9:26	61.7	65.1	55.6	
17/5/2018 9:31	61.5	65.3	54.6	62.1
17/5/2018 9:36	62.2	66.4	56.7	
17/5/2018 9:41	64.5	67.1	57.4	
17/5/2018 9:46	61.7	65.4	55.9	
17/5/2018 9:51	60.5	63.6	54.9	
17/5/2018 9:56	61.1	64.8	54.7	
17/5/2018 10:01	76.0	81.5	56.7	69.2
17/5/2018 10:06	64.1	68.1	56.0	
17/5/2018 10:11	62.1	65.9	55.1	
17/5/2018 10:16	61.1	64.1	55.5	
17/5/2018 10:21	61.5	65.6	55.0	
17/5/2018 10:26	65.2	66.3	56.0	

Measured Noise Levels (dB(A)) at NMS-CA-3 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
17/5/2018 10:31	63.4	67.9	56.4	62.2
17/5/2018 10:36	63.0	66.6	56.8	
17/5/2018 10:41	59.6	62.6	55.1	
17/5/2018 10:46	62.5	66.5	55.3	
17/5/2018 10:51	60.6	63.5	55.5	
17/5/2018 10:56	62.7	66.2	55.4	
17/5/2018 11:01	66.0	69.6	56.1	63.0
17/5/2018 11:06	60.7	64.3	56.2	
17/5/2018 11:11	63.3	67.4	56.0	
17/5/2018 11:16	61.8	65.7	55.1	
17/5/2018 11:21	58.6	61.5	54.8	
17/5/2018 11:26	63.7	67.9	56.1	
17/5/2018 11:31	59.0	62.5	54.7	62.3
17/5/2018 11:36	60.4	64.1	54.6	
17/5/2018 11:41	64.4	67.1	54.8	
17/5/2018 11:46	62.2	66.9	54.2	
17/5/2018 11:51	63.3	66.3	54.6	
17/5/2018 11:56	62.3	66.4	54.1	
17/5/2018 12:01	62.7	67.1	54.5	62.1
17/5/2018 12:06	62.5	66.3	55.7	
17/5/2018 12:11	61.9	66.3	54.8	
17/5/2018 12:16	62.6	67.3	53.8	
17/5/2018 12:21	61.9	65.7	56.7	
17/5/2018 12:26	60.8	63.4	56.6	
17/5/2018 12:31	63.6	67.7	55.6	62.5
17/5/2018 12:36	62.3	66.2	55.9	
17/5/2018 12:41	63.8	65.0	54.3	
17/5/2018 12:46	63.2	67.5	55.4	
17/5/2018 12:51	59.7	62.6	54.6	
17/5/2018 12:56	60.9	64.9	54.3	
17/5/2018 13:01	60.5	63.1	55.7	63.6
17/5/2018 13:06	62.6	66.0	55.6	
17/5/2018 13:11	65.9	68.8	55.7	
17/5/2018 13:16	63.9	67.2	57.9	
17/5/2018 13:21	64.9	68.1	56.4	
17/5/2018 13:26	61.6	63.8	55.9	
17/5/2018 13:31	73.3	75.4	58.4	68.6
17/5/2018 13:36	71.1	75.3	59.3	
17/5/2018 13:41	62.5	65.3	57.9	
17/5/2018 13:46	64.2	67.8	58.5	
17/5/2018 13:51	62.3	64.6	58.7	
17/5/2018 13:56	64.3	66.9	59.8	
17/5/2018 14:01	62.8	65.6	57.9	63.5
17/5/2018 14:06	60.7	64.0	56.0	
17/5/2018 14:11	59.6	62.7	54.9	
17/5/2018 14:16	66.1	69.9	56.7	
17/5/2018 14:21	63.1	66.8	55.3	
17/5/2018 14:26	65.2	67.2	56.6	
17/5/2018 14:31	64.2	67.9	55.9	65.2
17/5/2018 14:36	69.7	65.2	56.4	
17/5/2018 14:41	63.7	67.3	57.2	
17/5/2018 14:46	60.9	64.0	56.2	
17/5/2018 14:51	62.8	67.1	57.0	
17/5/2018 14:56	63.5	66.3	57.8	

Measured Noise Levels (dB(A)) at NMS-CA-3 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
17/5/2018 15:01	65.9	69.2	57.4	64.5
17/5/2018 15:06	63.0	66.2	57.0	
17/5/2018 15:11	60.3	62.5	57.2	
17/5/2018 15:16	67.5	70.3	57.4	
17/5/2018 15:21	64.4	68.4	58.0	
17/5/2018 15:26	61.7	64.8	56.3	
17/5/2018 15:31	62.1	65.1	56.3	63.2
17/5/2018 15:36	62.2	66.2	56.3	
17/5/2018 15:41	64.3	67.2	55.2	
17/5/2018 15:46	63.2	66.7	55.8	
17/5/2018 15:51	62.2	65.7	55.4	
17/5/2018 15:56	64.5	67.3	55.6	
17/5/2018 16:01	63.7	67.4	54.5	63.6
17/5/2018 16:06	65.6	68.1	56.6	
17/5/2018 16:11	63.1	66.8	55.6	
17/5/2018 16:16	63.2	67.1	56.9	
17/5/2018 16:21	61.7	65.0	55.1	
17/5/2018 16:26	63.5	67.2	54.8	
17/5/2018 16:31	67.0	71.8	55.9	63.8
17/5/2018 16:36	64.1	67.1	54.4	
17/5/2018 16:41	61.0	64.9	55.2	
17/5/2018 16:46	63.3	67.2	55.2	
17/5/2018 16:51	64.3	68.8	56.1	
17/5/2018 16:56	58.0	60.0	55.1	
17/5/2018 17:01	61.7	65.0	55.0	62.0
17/5/2018 17:06	61.6	64.5	55.5	
17/5/2018 17:11	60.9	64.5	55.8	
17/5/2018 17:16	60.3	64.2	53.6	
17/5/2018 17:21	63.9	65.0	54.6	
17/5/2018 17:26	62.5	65.7	56.4	
17/5/2018 17:31	61.7	65.9	54.3	61.3
17/5/2018 17:36	61.3	65.1	54.6	
17/5/2018 17:41	60.2	63.5	54.2	
17/5/2018 17:46	60.7	64.0	54.9	
17/5/2018 17:51	62.2	66.5	53.3	
17/5/2018 17:56	61.6	65.7	55.5	
17/5/2018 18:01	59.9	62.6	53.6	60.9
17/5/2018 18:06	61.5	64.9	55.2	
17/5/2018 18:11	60.8	64.5	54.1	
17/5/2018 18:16	60.1	63.3	53.1	
17/5/2018 18:21	61.9	65.1	53.6	
17/5/2018 18:26	60.7	65.2	53.3	
17/5/2018 18:31	61.1	64.3	53.1	63.4
17/5/2018 18:36	64.2	68.5	54.9	
17/5/2018 18:41	61.1	64.6	53.7	
17/5/2018 18:46	60.5	64.6	54.5	
17/5/2018 18:51	66.5	69.9	54.7	
17/5/2018 18:56	63.8	67.3	53.9	
18/5/2018 7:01	55.2	57.3	51.2	60.2
18/5/2018 7:06	57.7	61.1	52.6	
18/5/2018 7:11	60.4	63.4	51.3	
18/5/2018 7:16	61.2	65.2	52.3	
18/5/2018 7:21	60.3	64.8	53.1	
18/5/2018 7:26	62.6	66.4	52.4	

Measured Noise Levels (dB(A)) at NMS-CA-3 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
18/5/2018 7:31	57.1	60.1	51.7	60.3
18/5/2018 7:36	59.0	62.9	52.2	
18/5/2018 7:41	60.5	64.8	52.2	
18/5/2018 7:46	63.2	67.1	54.7	
18/5/2018 7:51	61.4	64.6	54.7	
18/5/2018 7:56	57.5	60.6	52.2	
18/5/2018 8:01	58.4	62.3	53.1	61.7
18/5/2018 8:06	59.9	63.2	53.4	
18/5/2018 8:11	61.1	64.5	54.6	
18/5/2018 8:16	63.0	66.5	54.5	
18/5/2018 8:21	64.8	69.3	55.0	
18/5/2018 8:26	59.5	62.2	54.8	
18/5/2018 8:31	61.9	64.7	54.3	61.7
18/5/2018 8:36	62.7	65.3	55.7	
18/5/2018 8:41	63.3	66.6	54.4	
18/5/2018 8:46	61.7	65.9	54.9	
18/5/2018 8:51	59.8	61.4	55.0	
18/5/2018 8:56	59.8	62.2	55.8	
18/5/2018 9:01	61.7	65.2	56.1	62.7
18/5/2018 9:06	59.0	61.2	55.4	
18/5/2018 9:11	59.7	62.4	55.7	
18/5/2018 9:16	61.0	64.1	54.9	
18/5/2018 9:21	64.9	67.3	55.0	
18/5/2018 9:26	65.7	66.8	54.8	
18/5/2018 9:31	62.3	66.3	56.0	62.5
18/5/2018 9:36	60.1	62.9	55.2	
18/5/2018 9:41	63.1	65.8	58.1	
18/5/2018 9:46	63.1	66.1	57.9	
18/5/2018 9:51	61.3	63.4	57.4	
18/5/2018 9:56	63.8	66.7	59.0	
18/5/2018 10:01	62.5	65.3	58.1	62.4
18/5/2018 10:06	64.3	67.8	59.1	
18/5/2018 10:11	61.1	62.3	58.0	
18/5/2018 10:16	62.2	65.8	57.0	
18/5/2018 10:21	63.3	67.6	56.6	
18/5/2018 10:26	59.6	62.7	55.6	
18/5/2018 10:31	63.0	67.2	55.5	64.1
18/5/2018 10:36	61.5	64.8	55.9	
18/5/2018 10:41	59.8	63.0	55.2	
18/5/2018 10:46	62.5	66.7	56.3	
18/5/2018 10:51	62.6	64.9	56.9	
18/5/2018 10:56	68.7	68.2	55.7	
18/5/2018 11:01	72.7	74.6	69.3	70.4
18/5/2018 11:06	70.2	71.3	69.2	
18/5/2018 11:11	74.6	80.6	57.6	
18/5/2018 11:16	66.2	68.9	56.4	
18/5/2018 11:21	60.1	63.5	54.9	
18/5/2018 11:26	63.7	67.5	55.9	

Average 67.4  
 Min 60.2  
 Max 83.7



Measured Noise Levels (dB(A)) at NMS-CA-3 during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
4/5/2018 19:00	59.8	62.9	54.5
4/5/2018 19:05	61.0	65.4	53.9
4/5/2018 19:10	63.1	66.5	56.4
4/5/2018 19:15	63.0	67.0	56.0
4/5/2018 19:20	66.0	69.8	57.7
4/5/2018 19:25	66.9	70.2	57.0
4/5/2018 19:30	64.6	68.4	56.9
4/5/2018 19:35	65.1	68.8	56.4
4/5/2018 19:40	64.6	68.7	55.8
4/5/2018 19:45	66.2	70.2	56.7
4/5/2018 19:50	64.2	68.1	56.3
4/5/2018 19:55	63.3	67.6	54.6
4/5/2018 20:00	65.3	68.9	55.9
4/5/2018 20:05	63.5	67.1	56.8
4/5/2018 20:10	63.3	66.7	55.6
4/5/2018 20:15	66.4	69.9	59.1
4/5/2018 20:20	64.9	68.4	56.3
4/5/2018 20:25	65.8	68.0	55.9
4/5/2018 20:30	66.6	69.2	57.1
4/5/2018 20:35	63.3	66.5	55.0
4/5/2018 20:40	63.9	67.1	55.4
4/5/2018 20:45	64.9	68.0	56.7
4/5/2018 20:50	63.9	67.7	55.6
4/5/2018 20:55	64.4	66.8	55.3
4/5/2018 21:00	64.0	67.8	55.2
4/5/2018 21:05	62.6	66.4	54.3
4/5/2018 21:10	62.5	65.3	53.5
4/5/2018 21:15	63.0	67.2	54.6
4/5/2018 21:20	62.6	66.9	53.5
4/5/2018 21:25	62.8	66.8	54.2
4/5/2018 21:30	64.8	68.8	54.5
4/5/2018 21:35	63.0	66.5	55.2
4/5/2018 21:40	65.3	68.8	57.3
4/5/2018 21:45	64.0	67.1	57.7
4/5/2018 21:50	62.9	65.8	56.2
4/5/2018 21:55	62.9	66.4	56.0
4/5/2018 22:00	66.2	70.1	57.7
4/5/2018 22:05	65.4	69.2	55.6
4/5/2018 22:10	63.0	66.7	55.0
4/5/2018 22:15	65.8	69.8	58.3
4/5/2018 22:20	65.6	68.9	57.5
4/5/2018 22:25	65.6	68.8	58.1
4/5/2018 22:30	65.4	68.4	57.0
4/5/2018 22:35	62.4	65.3	55.6
4/5/2018 22:40	66.0	70.2	56.4
4/5/2018 22:45	63.5	66.5	56.8
4/5/2018 22:50	63.8	67.6	57.2
4/5/2018 22:55	64.3	67.7	57.6

Measured Noise Levels (dB(A)) at NMS-CA-3 during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
5/5/2018 19:00	65.5	69.3	57.5
5/5/2018 19:05	68.3	71.8	60.0
5/5/2018 19:10	66.9	70.7	56.6
5/5/2018 19:15	68.2	71.7	58.9
5/5/2018 19:20	65.9	69.1	57.5
5/5/2018 19:25	69.4	73.1	57.9
5/5/2018 19:30	69.2	72.7	59.1
5/5/2018 19:35	68.7	72.6	58.2
5/5/2018 19:40	69.8	74.0	58.3
5/5/2018 19:45	71.1	75.0	59.4
5/5/2018 19:50	72.1	75.1	62.0
5/5/2018 19:55	69.5	73.3	58.4
5/5/2018 20:00	72.2	76.2	60.8
5/5/2018 20:05	71.9	75.8	60.2
5/5/2018 20:10	72.6	76.4	62.4
5/5/2018 20:15	71.8	75.5	61.0
5/5/2018 20:20	67.2	70.5	55.3
5/5/2018 20:25	70.1	74.2	57.0
5/5/2018 20:30	71.8	75.8	59.5
5/5/2018 20:35	68.0	71.4	58.6
5/5/2018 20:40	66.8	71.2	56.7
5/5/2018 20:45	68.6	72.8	58.2
5/5/2018 20:50	69.1	73.1	58.5
5/5/2018 20:55	66.4	70.3	55.4
5/5/2018 21:00	69.5	73.2	56.5
5/5/2018 21:05	68.2	72.1	59.0
5/5/2018 21:10	69.0	73.2	56.3
5/5/2018 21:15	66.2	70.1	58.2
5/5/2018 21:20	70.4	75.0	58.9
5/5/2018 21:25	71.5	74.2	59.5
5/5/2018 21:30	70.3	73.9	62.4
5/5/2018 21:35	69.3	73.0	57.7
5/5/2018 21:40	66.0	69.6	57.5
5/5/2018 21:45	65.8	69.1	57.9
5/5/2018 21:50	67.0	71.0	56.9
5/5/2018 21:55	64.6	67.8	54.7
5/5/2018 22:00	62.9	67.5	53.2
5/5/2018 22:05	63.3	67.1	54.0
5/5/2018 22:10	62.4	67.0	53.4
5/5/2018 22:15	64.7	68.8	55.1
5/5/2018 22:20	59.0	62.4	51.0
5/5/2018 22:25	60.9	65.3	52.0
5/5/2018 22:30	58.9	62.5	52.1
5/5/2018 22:35	61.4	64.5	51.3
5/5/2018 22:40	62.1	66.4	51.9
5/5/2018 22:45	60.1	63.9	53.2
5/5/2018 22:50	63.3	67.5	54.7
5/5/2018 22:55	60.6	64.9	49.8

Measured Noise Levels (dB(A)) at NMS-CA-3 during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
6/5/2018 7:00	61.4	64.6	50.0
6/5/2018 7:05	57.9	62.6	50.8
6/5/2018 7:10	61.4	66.0	51.5
6/5/2018 7:15	61.8	65.7	51.9
6/5/2018 7:20	62.5	66.9	52.9
6/5/2018 7:25	55.7	58.2	50.7
6/5/2018 7:30	60.7	65.2	51.9
6/5/2018 7:35	66.5	69.8	53.0
6/5/2018 7:40	62.8	66.9	52.1
6/5/2018 7:45	62.5	67.3	50.7
6/5/2018 7:50	63.3	66.7	53.6
6/5/2018 7:55	59.1	63.1	52.3
6/5/2018 8:00	62.6	67.2	52.8
6/5/2018 8:05	61.9	66.1	52.9
6/5/2018 8:10	61.6	66.1	52.7
6/5/2018 8:15	63.8	68.0	52.9
6/5/2018 8:20	60.7	64.8	52.4
6/5/2018 8:25	61.1	64.9	51.2
6/5/2018 8:30	63.7	68.4	51.4
6/5/2018 8:35	59.5	63.9	51.2
6/5/2018 8:40	55.3	58.3	50.3
6/5/2018 8:45	60.3	64.4	51.5
6/5/2018 8:50	57.1	60.2	51.0
6/5/2018 8:55	58.5	62.8	52.5
6/5/2018 9:00	61.0	65.2	52.9
6/5/2018 9:05	58.2	61.6	53.1
6/5/2018 9:10	58.8	61.7	52.4
6/5/2018 9:15	62.8	66.5	53.3
6/5/2018 9:20	55.6	58.6	50.5
6/5/2018 9:25	57.8	61.3	51.5
6/5/2018 9:30	60.6	64.5	52.6
6/5/2018 9:35	58.6	61.9	52.3
6/5/2018 9:40	58.9	61.6	52.7
6/5/2018 9:45	59.6	61.7	52.6
6/5/2018 9:50	60.5	63.8	53.1
6/5/2018 9:55	61.6	64.1	51.7
6/5/2018 10:00	62.1	65.5	53.0
6/5/2018 10:05	59.8	63.9	52.7
6/5/2018 10:10	60.8	63.8	52.7
6/5/2018 10:15	59.5	61.3	52.7
6/5/2018 10:20	62.0	66.8	52.5
6/5/2018 10:25	61.3	65.1	53.7
6/5/2018 10:30	62.2	65.7	54.3
6/5/2018 10:35	59.9	63.0	53.3
6/5/2018 10:40	56.8	59.3	52.4
6/5/2018 10:45	61.4	66.1	53.4
6/5/2018 10:50	59.3	61.9	53.8
6/5/2018 10:55	65.4	68.4	53.9
6/5/2018 11:00	63.3	67.8	54.8
6/5/2018 11:05	63.9	68.0	54.8
6/5/2018 11:10	58.5	61.8	53.6
6/5/2018 11:15	61.9	65.9	53.7
6/5/2018 11:20	62.3	66.8	53.5
6/5/2018 11:25	60.2	61.6	53.2

Measured Noise Levels (dB(A)) at NMS-CA-3 during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
6/5/2018 11:30	62.6	66.9	54.3
6/5/2018 11:35	59.9	61.8	54.0
6/5/2018 11:40	62.4	65.9	54.7
6/5/2018 11:45	61.9	65.8	54.0
6/5/2018 11:50	60.8	63.4	55.0
6/5/2018 11:55	61.6	65.7	55.0
6/5/2018 12:00	62.0	66.3	54.8
6/5/2018 12:05	58.1	60.8	54.1
6/5/2018 12:10	60.9	64.9	54.2
6/5/2018 12:15	59.4	62.5	54.0
6/5/2018 12:20	62.6	66.3	55.3
6/5/2018 12:25	61.2	64.0	53.7
6/5/2018 12:30	60.4	64.2	52.7
6/5/2018 12:35	64.4	67.3	54.5
6/5/2018 12:40	59.8	62.1	53.6
6/5/2018 12:45	63.3	67.4	55.5
6/5/2018 12:50	60.0	63.3	54.3
6/5/2018 12:55	60.4	63.9	53.9
6/5/2018 13:00	61.3	64.9	54.1
6/5/2018 13:05	61.2	65.3	54.1
6/5/2018 13:10	60.6	64.4	54.3
6/5/2018 13:15	60.6	64.0	54.6
6/5/2018 13:20	62.7	65.1	54.8
6/5/2018 13:25	61.8	65.9	55.2
6/5/2018 13:30	63.1	66.7	57.1
6/5/2018 13:35	63.0	66.4	57.0
6/5/2018 13:40	63.0	67.1	55.2
6/5/2018 13:45	61.4	65.1	54.2
6/5/2018 13:50	62.3	64.5	55.5
6/5/2018 13:55	60.4	63.1	55.0
6/5/2018 14:00	63.7	67.3	55.5
6/5/2018 14:05	60.3	63.3	55.2
6/5/2018 14:10	58.3	60.7	54.5
6/5/2018 14:15	63.0	67.1	55.6
6/5/2018 14:20	63.8	67.4	55.2
6/5/2018 14:25	62.0	65.4	54.6
6/5/2018 14:30	63.4	67.0	57.0
6/5/2018 14:35	64.6	67.4	56.8
6/5/2018 14:40	61.6	64.8	55.2
6/5/2018 14:45	60.5	64.1	54.4
6/5/2018 14:50	60.3	63.5	54.6
6/5/2018 14:55	61.1	64.5	54.6
6/5/2018 15:00	61.4	66.0	55.1
6/5/2018 15:05	59.9	62.9	53.7
6/5/2018 15:10	60.5	64.2	54.3
6/5/2018 15:15	62.4	66.4	53.4
6/5/2018 15:20	63.8	67.3	55.3
6/5/2018 15:25	61.0	63.2	53.8
6/5/2018 15:30	60.6	64.1	53.9
6/5/2018 15:35	62.8	66.7	55.4
6/5/2018 15:40	59.5	62.4	53.6
6/5/2018 15:45	59.9	63.5	55.1
6/5/2018 15:50	62.8	67.0	54.8
6/5/2018 15:55	60.3	64.0	54.9

Measured Noise Levels (dB(A)) at NMS-CA-3 during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
6/5/2018 16:00	64.5	68.1	53.9
6/5/2018 16:05	62.2	65.1	54.1
6/5/2018 16:10	65.3	67.7	55.9
6/5/2018 16:15	60.4	62.7	55.0
6/5/2018 16:20	58.6	61.4	53.8
6/5/2018 16:25	60.7	63.5	54.2
6/5/2018 16:30	63.4	67.7	56.6
6/5/2018 16:35	61.0	63.6	55.1
6/5/2018 16:40	62.5	66.1	55.8
6/5/2018 16:45	58.2	60.9	54.7
6/5/2018 16:50	61.7	65.5	55.3
6/5/2018 16:55	59.6	62.4	54.8
6/5/2018 17:00	65.5	67.5	55.5
6/5/2018 17:05	59.8	63.1	53.9
6/5/2018 17:10	59.7	63.8	53.1
6/5/2018 17:15	60.4	62.5	53.7
6/5/2018 17:20	60.0	63.8	53.8
6/5/2018 17:25	59.2	63.0	54.5
6/5/2018 17:30	61.5	65.4	54.8
6/5/2018 17:35	61.1	63.6	54.6
6/5/2018 17:40	60.7	64.1	54.6
6/5/2018 17:45	61.7	65.9	54.6
6/5/2018 17:50	59.4	61.7	54.0
6/5/2018 17:55	61.3	65.1	54.6
6/5/2018 18:00	61.0	63.6	53.6
6/5/2018 18:05	59.6	62.4	53.5
6/5/2018 18:10	61.2	65.4	54.3
6/5/2018 18:15	60.8	64.2	54.8
6/5/2018 18:20	60.0	63.5	53.4
6/5/2018 18:25	56.7	58.9	51.5
6/5/2018 18:30	62.7	65.6	54.1
6/5/2018 18:35	62.9	66.6	54.4
6/5/2018 18:40	60.9	64.0	55.1
6/5/2018 18:45	60.8	62.5	54.1
6/5/2018 18:50	62.1	66.3	55.2
6/5/2018 18:55	57.0	59.2	53.2
6/5/2018 19:00	60.5	64.5	53.4
6/5/2018 19:05	59.7	61.1	54.0
6/5/2018 19:10	58.3	62.1	52.2
6/5/2018 19:15	61.2	65.0	54.4
6/5/2018 19:20	59.0	61.9	53.1
6/5/2018 19:25	60.1	62.7	52.8
6/5/2018 19:30	61.3	64.8	54.9
6/5/2018 19:35	61.5	64.8	54.4
6/5/2018 19:40	57.4	60.1	54.0
6/5/2018 19:45	60.1	63.3	54.6
6/5/2018 19:50	60.2	64.9	52.9
6/5/2018 19:55	60.2	65.3	53.2
6/5/2018 20:00	61.1	64.0	54.2
6/5/2018 20:05	57.7	60.1	53.3
6/5/2018 20:10	59.5	63.7	52.0
6/5/2018 20:15	59.5	63.4	54.1
6/5/2018 20:20	58.8	61.8	53.3
6/5/2018 20:25	56.1	58.9	52.9

Measured Noise Levels (dB(A)) at NMS-CA-3 during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
6/5/2018 20:30	60.1	63.6	53.3
6/5/2018 20:35	62.4	63.6	53.7
6/5/2018 20:40	58.4	61.4	52.9
6/5/2018 20:45	60.7	63.9	53.2
6/5/2018 20:50	59.7	63.1	52.8
6/5/2018 20:55	58.7	62.0	52.7
6/5/2018 21:00	60.7	64.5	53.2
6/5/2018 21:05	60.7	62.8	53.6
6/5/2018 21:10	57.0	59.6	51.3
6/5/2018 21:15	61.9	65.7	54.4
6/5/2018 21:20	58.2	60.8	52.0
6/5/2018 21:25	57.8	59.2	52.8
6/5/2018 21:30	63.1	67.4	54.0
6/5/2018 21:35	60.0	63.7	53.7
6/5/2018 21:40	57.7	58.6	52.9
6/5/2018 21:45	61.3	65.3	53.4
6/5/2018 21:50	59.7	63.1	52.6
6/5/2018 21:55	59.8	60.7	52.5
6/5/2018 22:00	61.7	66.1	53.6
6/5/2018 22:05	58.7	62.2	52.9
6/5/2018 22:10	58.8	62.6	53.0
6/5/2018 22:15	60.8	65.2	53.8
6/5/2018 22:20	56.4	57.8	51.8
6/5/2018 22:25	61.5	65.5	52.6
6/5/2018 22:30	60.5	63.5	53.4
6/5/2018 22:35	57.3	60.4	53.0
6/5/2018 22:40	58.2	61.4	52.5
6/5/2018 22:45	59.8	63.5	52.2
6/5/2018 22:50	57.6	60.1	51.5
6/5/2018 22:55	59.3	62.0	51.8

Measured Noise Levels (dB(A)) at NMS-CA-3 during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
7/5/2018 19:01	59.1	62.0	52.9
7/5/2018 19:06	58.5	62.5	51.5
7/5/2018 19:11	61.0	65.7	54.0
7/5/2018 19:16	61.2	64.3	52.9
7/5/2018 19:21	60.1	63.0	52.3
7/5/2018 19:26	61.4	65.8	53.8
7/5/2018 19:31	62.5	66.8	54.0
7/5/2018 19:36	60.5	64.1	54.2
7/5/2018 19:41	60.1	64.1	53.5
7/5/2018 19:46	60.3	63.6	54.2
7/5/2018 19:51	60.7	64.0	54.0
7/5/2018 19:56	59.8	63.5	53.0
7/5/2018 20:01	58.9	62.2	52.6
7/5/2018 20:06	60.0	63.9	52.4
7/5/2018 20:11	61.0	64.0	52.2
7/5/2018 20:16	56.9	60.3	51.1
7/5/2018 20:21	61.0	65.0	52.6
7/5/2018 20:26	59.5	63.0	50.4
7/5/2018 20:31	61.2	65.5	54.6
7/5/2018 20:36	63.0	67.8	53.2
7/5/2018 20:41	57.9	61.2	52.4
7/5/2018 20:46	60.2	64.8	51.9
7/5/2018 20:51	59.9	64.3	51.4
7/5/2018 20:56	57.5	60.5	52.0
7/5/2018 21:01	63.3	68.2	52.3
7/5/2018 21:06	56.2	58.9	52.3
7/5/2018 21:11	61.5	65.0	51.9
7/5/2018 21:16	59.4	63.5	52.8
7/5/2018 21:21	54.1	55.3	50.7
7/5/2018 21:26	58.1	62.1	51.1
7/5/2018 21:31	64.2	68.0	53.6
7/5/2018 21:36	55.6	57.9	52.6
7/5/2018 21:41	57.6	61.2	52.3
7/5/2018 21:46	61.2	66.3	52.8
7/5/2018 21:51	55.9	56.8	51.2
7/5/2018 21:56	61.2	65.4	51.9
7/5/2018 22:01	61.8	66.3	52.4
7/5/2018 22:06	54.6	57.0	51.2
7/5/2018 22:11	58.3	62.1	50.5
7/5/2018 22:16	62.6	65.8	52.2
7/5/2018 22:21	54.3	57.1	50.6
7/5/2018 22:26	63.6	68.1	53.2
7/5/2018 22:31	55.8	58.9	51.2
7/5/2018 22:36	54.6	55.9	51.6
7/5/2018 22:41	59.7	64.5	51.8
7/5/2018 22:46	59.0	62.3	50.8
7/5/2018 22:51	52.9	55.2	49.6
7/5/2018 22:56	62.2	66.3	52.0

Measured Noise Levels (dB(A)) at NMS-CA-3 during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
8/5/2018 19:01	62.8	67.2	54.1
8/5/2018 19:06	66.1	70.8	56.1
8/5/2018 19:11	66.4	70.6	53.8
8/5/2018 19:16	64.3	67.9	56.2
8/5/2018 19:21	64.4	68.3	55.8
8/5/2018 19:26	63.5	67.2	57.1
8/5/2018 19:31	66.4	70.9	55.6
8/5/2018 19:36	67.0	71.7	55.2
8/5/2018 19:41	65.0	69.0	56.4
8/5/2018 19:46	62.7	67.1	54.0
8/5/2018 19:51	63.0	67.0	54.2
8/5/2018 19:56	65.6	69.8	54.4
8/5/2018 20:01	65.9	70.0	57.5
8/5/2018 20:06	62.5	67.1	53.4
8/5/2018 20:11	63.3	67.8	55.4
8/5/2018 20:16	65.2	68.7	56.5
8/5/2018 20:21	63.9	68.4	54.9
8/5/2018 20:26	63.9	68.3	55.6
8/5/2018 20:31	65.5	69.7	57.5
8/5/2018 20:36	61.8	65.8	55.1
8/5/2018 20:41	65.8	70.6	55.5
8/5/2018 20:46	69.0	72.2	56.3
8/5/2018 20:51	62.4	66.4	54.5
8/5/2018 20:56	65.1	69.1	56.9
8/5/2018 21:01	66.8	70.1	55.5
8/5/2018 21:06	63.5	67.0	54.3
8/5/2018 21:11	62.7	66.8	54.1
8/5/2018 21:16	65.1	69.5	54.7
8/5/2018 21:21	62.5	66.3	53.6
8/5/2018 21:26	66.7	70.1	54.2
8/5/2018 21:31	64.3	68.0	56.9
8/5/2018 21:36	64.2	67.8	56.1
8/5/2018 21:41	64.4	68.9	54.0
8/5/2018 21:46	64.2	67.9	55.9
8/5/2018 21:51	67.3	71.4	58.8
8/5/2018 21:56	65.0	70.5	54.0
8/5/2018 22:01	62.7	66.9	55.9
8/5/2018 22:06	64.9	70.5	54.8
8/5/2018 22:11	64.9	68.6	58.1
8/5/2018 22:16	63.8	68.5	54.6
8/5/2018 22:21	54.4	57.0	51.8
8/5/2018 22:26	64.6	70.1	52.9
8/5/2018 22:31	58.3	59.8	52.7
8/5/2018 22:36	54.9	57.4	52.3
8/5/2018 22:41	64.0	68.3	54.7
8/5/2018 22:46	61.3	65.4	52.4
8/5/2018 22:51	59.7	63.9	51.3
8/5/2018 22:56	62.0	67.1	53.2

Measured Noise Levels (dB(A)) at NMS-CA-3 during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
9/5/2018 19:01	68.3	71.6	56.4
9/5/2018 19:06	68.4	71.9	56.2
9/5/2018 19:11	67.6	71.4	56.6
9/5/2018 19:16	67.8	71.6	56.4
9/5/2018 19:21	70.2	73.9	58.2
9/5/2018 19:26	70.1	74.4	58.0
9/5/2018 19:31	71.1	75.2	57.6
9/5/2018 19:36	69.8	74.1	57.6
9/5/2018 19:41	68.5	69.8	58.1
9/5/2018 19:46	67.2	71.7	57.1
9/5/2018 19:51	71.9	75.4	62.1
9/5/2018 19:56	67.4	71.2	57.5
9/5/2018 20:01	72.1	74.9	58.7
9/5/2018 20:06	73.4	77.2	60.6
9/5/2018 20:11	76.0	79.5	61.6
9/5/2018 20:16	70.3	73.9	58.6
9/5/2018 20:21	75.1	78.6	63.2
9/5/2018 20:26	72.9	77.1	62.3
9/5/2018 20:31	74.0	77.4	60.6
9/5/2018 20:36	73.4	77.5	61.3
9/5/2018 20:41	71.4	74.8	59.3
9/5/2018 20:46	72.9	76.7	58.8
9/5/2018 20:51	76.6	80.7	59.9
9/5/2018 20:56	76.8	80.7	61.7
9/5/2018 21:01	74.7	77.8	63.9
9/5/2018 21:06	74.8	79.1	61.7
9/5/2018 21:11	74.5	78.1	62.7
9/5/2018 21:16	74.8	78.6	62.8
9/5/2018 21:21	73.5	77.2	62.6
9/5/2018 21:26	70.8	74.5	58.9
9/5/2018 21:31	71.7	75.4	60.9
9/5/2018 21:36	69.5	72.5	56.6
9/5/2018 21:41	67.7	71.6	58.7
9/5/2018 21:46	63.3	66.2	54.2
9/5/2018 21:51	65.7	70.2	55.9
9/5/2018 21:56	67.7	71.5	56.2
9/5/2018 22:01	66.7	70.1	57.1
9/5/2018 22:06	67.6	70.2	55.2
9/5/2018 22:11	68.8	72.4	57.6
9/5/2018 22:16	73.8	77.7	61.4
9/5/2018 22:21	73.2	76.9	60.0
9/5/2018 22:26	73.1	76.9	60.8
9/5/2018 22:31	74.2	78.7	60.6
9/5/2018 22:36	72.4	76.5	58.7
9/5/2018 22:41	72.5	76.5	61.8
9/5/2018 22:46	72.1	75.1	57.4
9/5/2018 22:51	70.3	72.9	59.1
9/5/2018 22:56	70.8	74.6	60.4

Measured Noise Levels (dB(A)) at NMS-CA-3 during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
10/5/2018 19:02	63.7	67.8	56.3
10/5/2018 19:07	69.8	73.1	56.4
10/5/2018 19:12	66.7	70.5	56.4
10/5/2018 19:17	67.5	71.3	59.6
10/5/2018 19:22	68.0	71.2	58.5
10/5/2018 19:27	69.8	74.5	58.0
10/5/2018 19:32	67.6	71.5	57.2
10/5/2018 19:37	66.3	70.2	56.1
10/5/2018 19:42	67.8	71.6	58.0
10/5/2018 19:47	67.5	70.5	56.4
10/5/2018 19:52	70.6	74.6	57.6
10/5/2018 19:57	68.7	72.5	58.4
10/5/2018 20:02	66.2	70.4	55.2
10/5/2018 20:07	68.3	72.7	58.0
10/5/2018 20:12	65.5	69.5	54.8
10/5/2018 20:17	66.6	70.6	55.9
10/5/2018 20:22	62.8	65.9	54.6
10/5/2018 20:27	66.6	71.6	54.9
10/5/2018 20:32	67.8	71.9	59.0
10/5/2018 20:37	68.4	72.1	56.7
10/5/2018 20:42	69.8	73.6	58.1
10/5/2018 20:47	68.6	71.8	59.2
10/5/2018 20:52	65.3	69.4	54.1
10/5/2018 20:57	66.2	69.4	56.5
10/5/2018 21:02	66.6	70.4	55.9
10/5/2018 21:07	70.0	73.5	57.5
10/5/2018 21:12	72.0	75.7	61.2
10/5/2018 21:17	71.8	75.6	58.1
10/5/2018 21:22	72.9	75.4	57.9
10/5/2018 21:27	73.4	77.4	56.3
10/5/2018 21:32	70.1	73.7	59.4
10/5/2018 21:37	71.7	75.7	57.8
10/5/2018 21:42	71.3	75.5	60.1
10/5/2018 21:47	72.9	76.3	56.1
10/5/2018 21:52	70.8	74.9	57.4
10/5/2018 21:57	68.6	71.7	59.7
10/5/2018 22:02	68.8	72.7	58.9
10/5/2018 22:07	67.1	71.4	55.2
10/5/2018 22:12	66.9	71.0	56.5
10/5/2018 22:17	68.2	72.2	57.8
10/5/2018 22:22	66.0	69.7	55.6
10/5/2018 22:27	65.1	69.2	57.6
10/5/2018 22:32	64.2	68.1	55.2
10/5/2018 22:37	68.1	72.2	56.7
10/5/2018 22:42	66.1	69.6	56.6
10/5/2018 22:47	65.4	68.9	55.2
10/5/2018 22:52	65.0	68.5	56.3
10/5/2018 22:57	66.8	70.8	54.4

Measured Noise Levels (dB(A)) at NMS-CA-3 during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
11/5/2018 19:02	65.4	69.5	57.2
11/5/2018 19:07	66.4	69.7	58.9
11/5/2018 19:12	64.6	68.4	57.5
11/5/2018 19:17	64.2	68.1	54.1
11/5/2018 19:22	63.8	67.8	55.2
11/5/2018 19:27	64.4	68.3	55.2
11/5/2018 19:32	64.4	68.5	57.3
11/5/2018 19:37	64.5	68.3	56.1
11/5/2018 19:42	62.8	67.0	54.0
11/5/2018 19:47	68.6	72.6	57.3
11/5/2018 19:52	68.7	72.8	56.7
11/5/2018 19:57	66.0	70.1	55.4
11/5/2018 20:02	63.7	67.4	55.8
11/5/2018 20:07	65.4	69.0	57.2
11/5/2018 20:12	63.9	67.8	53.9
11/5/2018 20:17	68.0	71.7	57.8
11/5/2018 20:22	65.1	69.2	56.6
11/5/2018 20:27	67.2	71.0	57.7
11/5/2018 20:32	66.6	70.8	57.5
11/5/2018 20:37	64.9	68.3	56.2
11/5/2018 20:42	67.1	71.4	56.0
11/5/2018 20:47	68.1	71.5	57.3
11/5/2018 20:52	65.4	69.6	55.6
11/5/2018 20:57	69.4	73.7	57.6
11/5/2018 21:02	68.5	72.6	59.5
11/5/2018 21:07	67.9	72.0	57.8
11/5/2018 21:12	66.2	70.1	58.8
11/5/2018 21:17	66.1	69.5	58.7
11/5/2018 21:22	65.4	69.3	55.4
11/5/2018 21:27	64.7	68.4	57.1
11/5/2018 21:32	66.8	70.5	58.8
11/5/2018 21:37	67.5	71.4	57.2
11/5/2018 21:42	66.0	69.7	56.8
11/5/2018 21:47	68.9	73.4	57.0
11/5/2018 21:52	66.8	70.1	56.8
11/5/2018 21:57	69.0	72.9	60.0
11/5/2018 22:02	64.4	68.7	55.5
11/5/2018 22:07	65.0	69.1	55.3
11/5/2018 22:12	67.6	71.3	57.2
11/5/2018 22:17	63.5	67.4	54.7
11/5/2018 22:22	65.4	69.4	57.4
11/5/2018 22:27	66.3	70.0	59.3
11/5/2018 22:32	63.8	67.6	55.9
11/5/2018 22:37	63.4	67.5	55.5
11/5/2018 22:42	66.3	70.0	57.9
11/5/2018 22:47	64.4	68.6	54.1
11/5/2018 22:52	66.9	70.9	56.8
11/5/2018 22:57	65.2	69.2	55.3

Measured Noise Levels (dB(A)) at NMS-CA-3 during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
12/5/2018 19:02	64.9	69.0	56.7
12/5/2018 19:07	62.7	67.3	54.2
12/5/2018 19:12	64.3	69.4	53.4
12/5/2018 19:17	61.6	65.5	54.2
12/5/2018 19:22	61.9	66.0	52.7
12/5/2018 19:27	64.5	68.2	56.0
12/5/2018 19:32	62.8	66.8	55.8
12/5/2018 19:37	64.9	69.2	56.5
12/5/2018 19:42	60.8	64.9	53.3
12/5/2018 19:47	63.7	68.0	54.8
12/5/2018 19:52	64.6	68.4	53.3
12/5/2018 19:57	61.4	65.3	54.5
12/5/2018 20:02	61.5	66.6	54.0
12/5/2018 20:07	63.8	67.8	53.7
12/5/2018 20:12	63.7	67.4	56.0
12/5/2018 20:17	60.8	64.9	53.9
12/5/2018 20:22	61.5	65.1	53.1
12/5/2018 20:27	66.0	70.6	55.7
12/5/2018 20:32	64.5	69.2	54.9
12/5/2018 20:37	62.7	66.5	53.8
12/5/2018 20:42	66.4	70.2	54.3
12/5/2018 20:47	67.4	70.8	56.0
12/5/2018 20:52	64.1	68.4	54.8
12/5/2018 20:57	65.2	69.8	55.5
12/5/2018 21:02	62.4	66.7	54.3
12/5/2018 21:07	62.5	66.7	55.2
12/5/2018 21:12	64.0	67.9	54.5
12/5/2018 21:17	64.4	69.0	55.0
12/5/2018 21:22	62.7	65.9	56.1
12/5/2018 21:27	64.8	68.9	56.5
12/5/2018 21:32	65.5	70.3	56.7
12/5/2018 21:37	61.9	65.5	55.6
12/5/2018 21:42	64.9	68.8	56.8
12/5/2018 21:47	64.3	67.7	57.0
12/5/2018 21:52	64.2	68.3	55.7
12/5/2018 21:57	64.9	68.0	55.3
12/5/2018 22:02	63.5	67.5	53.8
12/5/2018 22:07	65.0	69.3	52.8
12/5/2018 22:12	64.1	68.0	55.1
12/5/2018 22:17	64.1	68.7	53.6
12/5/2018 22:22	61.2	64.3	54.8
12/5/2018 22:27	60.5	63.8	54.5
12/5/2018 22:32	60.5	64.9	52.4
12/5/2018 22:37	60.7	64.6	52.6
12/5/2018 22:42	62.9	67.4	54.1
12/5/2018 22:47	61.8	65.3	53.9
12/5/2018 22:52	65.9	70.5	53.3
12/5/2018 22:57	58.2	60.3	53.5

Measured Noise Levels (dB(A)) at NMS-CA-3 during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
13/5/2018 7:02	56.3	60.1	50.3
13/5/2018 7:07	59.1	64.1	50.0
13/5/2018 7:12	57.8	61.5	50.9
13/5/2018 7:17	60.5	65.7	49.6
13/5/2018 7:22	57.5	62.4	49.4
13/5/2018 7:27	59.2	63.0	49.2
13/5/2018 7:32	62.7	64.5	51.3
13/5/2018 7:37	63.5	68.2	50.8
13/5/2018 7:42	67.3	70.9	53.5
13/5/2018 7:47	61.7	65.2	50.7
13/5/2018 7:52	62.2	67.0	50.8
13/5/2018 7:57	57.3	60.9	50.1
13/5/2018 8:02	65.1	70.0	52.2
13/5/2018 8:07	64.2	69.4	51.8
13/5/2018 8:12	61.2	65.8	51.6
13/5/2018 8:17	60.5	65.4	51.2
13/5/2018 8:22	55.1	58.6	50.2
13/5/2018 8:27	57.7	61.8	50.7
13/5/2018 8:32	60.3	64.7	51.3
13/5/2018 8:37	56.5	57.9	49.4
13/5/2018 8:42	54.7	57.3	49.4
13/5/2018 8:47	61.5	65.9	51.1
13/5/2018 8:52	57.4	60.9	50.9
13/5/2018 8:57	58.7	62.2	51.9
13/5/2018 9:02	65.7	70.0	51.6
13/5/2018 9:07	58.6	63.0	50.2
13/5/2018 9:12	59.0	63.7	51.0
13/5/2018 9:17	60.7	64.2	53.1
13/5/2018 9:22	55.3	58.1	52.2
13/5/2018 9:27	62.1	65.1	52.9
13/5/2018 9:32	55.5	56.9	51.4
13/5/2018 9:37	58.2	62.0	51.8
13/5/2018 9:42	58.2	61.7	53.2
13/5/2018 9:47	62.3	66.3	53.3
13/5/2018 9:52	58.9	62.3	51.8
13/5/2018 9:57	61.5	65.4	53.3
13/5/2018 10:02	57.0	59.6	52.6
13/5/2018 10:07	59.1	63.1	52.6
13/5/2018 10:12	60.5	62.7	52.6
13/5/2018 10:17	60.1	61.9	53.2
13/5/2018 10:22	60.9	65.2	53.8
13/5/2018 10:27	60.8	64.0	53.2
13/5/2018 10:32	62.3	66.8	52.7
13/5/2018 10:37	59.3	62.7	53.3
13/5/2018 10:42	64.2	67.7	54.0
13/5/2018 10:47	62.4	66.3	52.4
13/5/2018 10:52	57.5	59.8	52.6
13/5/2018 10:57	60.1	63.1	51.3
13/5/2018 11:02	62.2	66.6	53.8
13/5/2018 11:07	60.7	64.8	53.1
13/5/2018 11:15	61.0	65.4	54.5
13/5/2018 11:20	62.1	67.2	53.6
13/5/2018 11:25	61.9	65.9	52.8
13/5/2018 11:30	59.9	64.2	53.4

Measured Noise Levels (dB(A)) at NMS-CA-3 during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
13/5/2018 11:35	61.9	65.4	54.2
13/5/2018 11:40	63.5	66.9	53.5
13/5/2018 11:45	65.9	69.7	53.7
13/5/2018 11:50	64.4	66.1	52.9
13/5/2018 11:55	59.9	63.3	53.9
13/5/2018 12:00	63.0	67.0	54.3
13/5/2018 12:05	59.6	63.5	53.1
13/5/2018 12:10	60.7	64.7	53.4
13/5/2018 12:15	61.8	65.7	53.9
13/5/2018 12:20	61.2	65.6	52.3
13/5/2018 12:25	60.9	64.5	53.4
13/5/2018 12:30	63.5	68.0	53.2
13/5/2018 12:35	59.6	64.1	51.6
13/5/2018 12:40	65.3	67.5	51.7
13/5/2018 12:45	63.2	66.9	54.0
13/5/2018 12:50	59.8	63.7	53.1
13/5/2018 12:55	58.4	61.1	53.0
13/5/2018 13:00	62.4	67.2	54.4
13/5/2018 13:05	58.4	60.8	51.3
13/5/2018 13:10	60.3	64.9	52.6
13/5/2018 13:15	60.4	63.2	52.5
13/5/2018 13:20	59.1	62.1	51.3
13/5/2018 13:25	62.8	66.6	53.1
13/5/2018 13:30	64.1	69.0	55.1
13/5/2018 13:35	61.5	65.1	54.3
13/5/2018 13:40	67.8	71.0	53.5
13/5/2018 13:45	61.5	64.3	54.6
13/5/2018 13:50	62.5	66.6	56.0
13/5/2018 13:55	61.8	65.2	53.7
13/5/2018 14:00	61.7	65.7	55.2
13/5/2018 14:05	64.9	68.7	54.0
13/5/2018 14:10	60.9	65.1	52.8
13/5/2018 14:15	59.1	62.9	52.3
13/5/2018 14:20	61.0	64.7	53.3
13/5/2018 14:25	63.0	67.2	53.1
13/5/2018 14:30	73.1	68.4	53.5
13/5/2018 14:35	61.6	64.7	53.4
13/5/2018 14:40	62.9	65.3	53.3
13/5/2018 14:45	60.1	64.4	51.9
13/5/2018 14:50	64.9	67.6	51.4
13/5/2018 14:55	63.5	68.2	55.2
13/5/2018 15:00	62.4	66.4	54.0
13/5/2018 15:05	57.3	59.3	52.7
13/5/2018 15:10	61.1	65.4	53.1
13/5/2018 15:15	61.2	64.8	53.5
13/5/2018 15:20	59.5	62.6	52.4
13/5/2018 15:25	60.2	65.0	50.8
13/5/2018 15:30	66.2	68.9	52.6
13/5/2018 15:35	60.2	63.7	51.3
13/5/2018 15:40	62.5	66.7	53.0
13/5/2018 15:45	62.8	67.2	53.5
13/5/2018 15:50	63.3	67.5	53.3
13/5/2018 15:55	62.3	66.3	54.1
13/5/2018 16:00	65.4	70.4	52.6

Measured Noise Levels (dB(A)) at NMS-CA-3 during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
13/5/2018 16:05	64.5	68.8	54.8
13/5/2018 16:10	64.3	68.2	54.7
13/5/2018 16:15	68.0	71.8	54.8
13/5/2018 16:20	64.1	67.6	55.0
13/5/2018 16:25	62.6	66.7	53.3
13/5/2018 16:30	63.9	68.9	53.4
13/5/2018 16:35	62.2	66.8	53.9
13/5/2018 16:40	63.4	67.3	53.6
13/5/2018 16:45	63.1	67.3	52.6
13/5/2018 16:50	65.6	70.6	53.9
13/5/2018 16:55	62.6	66.0	52.1
13/5/2018 17:00	63.9	68.3	52.6
13/5/2018 17:05	63.9	67.9	52.2
13/5/2018 17:10	64.0	67.8	56.1
13/5/2018 17:15	63.1	66.9	55.8
13/5/2018 17:20	63.6	67.4	55.3
13/5/2018 17:25	62.6	65.8	52.2
13/5/2018 17:30	65.5	69.3	56.5
13/5/2018 17:35	63.0	66.8	54.5
13/5/2018 17:40	66.1	69.9	53.7
13/5/2018 17:45	62.5	66.5	54.3
13/5/2018 17:50	65.7	70.0	54.7
13/5/2018 17:55	63.6	67.9	54.8
13/5/2018 18:00	65.0	69.3	54.0
13/5/2018 18:05	65.9	70.2	55.3
13/5/2018 18:10	65.5	69.8	54.9
13/5/2018 18:15	63.9	68.2	53.9
13/5/2018 18:20	63.3	67.5	53.3
13/5/2018 18:25	61.2	64.6	54.2
13/5/2018 18:30	65.1	68.9	57.1
13/5/2018 18:35	61.5	65.6	52.4
13/5/2018 18:40	65.7	69.9	54.1
13/5/2018 18:45	64.3	68.5	56.4
13/5/2018 18:50	62.4	66.3	55.9
13/5/2018 18:55	64.0	68.1	53.9
13/5/2018 19:00	64.6	68.2	56.1
13/5/2018 19:05	64.0	68.3	57.2
13/5/2018 19:10	66.0	69.6	58.1
13/5/2018 19:15	66.6	70.5	57.6
13/5/2018 19:20	61.3	64.7	55.4
13/5/2018 19:25	62.9	66.8	53.7
13/5/2018 19:30	63.6	68.1	54.9
13/5/2018 19:35	63.3	67.5	54.8
13/5/2018 19:40	64.0	68.6	53.7
13/5/2018 19:45	63.6	66.3	56.8
13/5/2018 19:50	63.9	67.1	58.1
13/5/2018 19:55	63.8	66.9	57.5
13/5/2018 20:00	63.9	67.8	53.8
13/5/2018 20:05	62.1	65.4	54.3
13/5/2018 20:10	63.0	66.9	54.3
13/5/2018 20:15	65.4	69.5	56.7
13/5/2018 20:20	60.8	64.3	51.8
13/5/2018 20:25	62.1	66.0	53.5
13/5/2018 20:30	65.7	69.6	56.2

Measured Noise Levels (dB(A)) at NMS-CA-3 during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
13/5/2018 20:35	63.5	67.8	54.1
13/5/2018 20:40	63.5	66.1	56.5
13/5/2018 20:45	69.0	72.4	58.4
13/5/2018 20:50	66.2	69.7	57.8
13/5/2018 20:55	62.7	66.0	57.1
13/5/2018 21:00	64.3	68.1	57.8
13/5/2018 21:05	66.6	69.0	57.3
13/5/2018 21:10	63.3	66.6	57.7
13/5/2018 21:15	65.5	69.4	57.4
13/5/2018 21:20	66.6	69.7	54.9
13/5/2018 21:25	62.0	65.7	52.0
13/5/2018 21:30	64.4	67.8	55.5
13/5/2018 21:35	65.5	69.1	57.8
13/5/2018 21:40	65.2	68.6	58.2
13/5/2018 21:45	65.8	70.0	58.7
13/5/2018 21:50	65.6	69.3	58.7
13/5/2018 21:55	63.4	66.6	57.9
13/5/2018 22:00	64.7	69.1	53.8
13/5/2018 22:05	62.7	66.4	53.3
13/5/2018 22:10	63.1	67.3	54.7
13/5/2018 22:15	62.2	66.3	54.9
13/5/2018 22:20	63.7	67.2	57.7
13/5/2018 22:25	58.1	61.6	51.2
13/5/2018 22:30	56.8	60.1	48.6
13/5/2018 22:35	57.6	60.7	51.3
13/5/2018 22:40	62.0	66.7	51.4
13/5/2018 22:45	61.9	66.0	51.3
13/5/2018 22:50	62.7	67.4	51.4
13/5/2018 22:55	61.0	65.0	51.9



Measured Noise Levels (dB(A)) at NMS-CA-3 during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
14/5/2018 19:00	61.0	64.0	55.6
14/5/2018 19:05	57.2	58.7	54.1
14/5/2018 19:10	62.2	66.5	55.6
14/5/2018 19:15	62.1	65.6	56.1
14/5/2018 19:20	60.9	64.5	55.1
14/5/2018 19:25	67.5	68.0	54.3
14/5/2018 19:30	62.0	67.0	52.8
14/5/2018 19:35	62.1	66.4	54.1
14/5/2018 19:40	59.9	63.3	54.1
14/5/2018 19:45	60.5	63.9	54.3
14/5/2018 19:50	61.7	65.8	54.6
14/5/2018 19:55	57.9	60.8	52.7
14/5/2018 20:00	60.4	64.6	53.8
14/5/2018 20:05	59.1	62.8	52.0
14/5/2018 20:10	59.6	63.8	53.0
14/5/2018 20:15	60.2	63.3	53.1
14/5/2018 20:20	60.0	63.5	54.2
14/5/2018 20:25	56.7	59.8	50.9
14/5/2018 20:30	61.7	65.7	54.4
14/5/2018 20:35	59.4	62.8	54.2
14/5/2018 20:40	60.6	62.9	54.2
14/5/2018 20:45	62.1	64.5	56.4
14/5/2018 20:50	60.3	64.6	54.3
14/5/2018 20:55	61.1	64.7	54.2
14/5/2018 21:00	60.3	64.1	52.4
14/5/2018 21:05	67.0	69.2	52.9
14/5/2018 21:10	59.6	63.2	53.5
14/5/2018 21:15	62.3	66.8	55.1
14/5/2018 21:20	58.6	60.4	51.6
14/5/2018 21:25	57.6	58.7	51.3
14/5/2018 21:30	61.2	66.1	52.4
14/5/2018 21:35	56.8	61.2	50.8
14/5/2018 21:40	55.9	57.2	50.4
14/5/2018 21:45	63.3	67.2	52.3
14/5/2018 21:50	52.3	54.7	49.3
14/5/2018 21:55	59.8	58.7	49.8
14/5/2018 22:00	62.1	65.9	53.0
14/5/2018 22:05	59.5	62.5	51.9
14/5/2018 22:10	63.2	66.6	51.6
14/5/2018 22:15	61.9	66.0	51.4
14/5/2018 22:20	54.5	57.0	51.1
14/5/2018 22:25	60.0	62.4	50.8
14/5/2018 22:30	61.1	65.0	52.1
14/5/2018 22:35	55.3	57.6	51.8
14/5/2018 22:40	60.3	63.2	51.6
14/5/2018 22:45	57.7	62.0	51.8
14/5/2018 22:50	57.1	58.2	50.4
14/5/2018 22:55	62.5	64.6	51.3

Measured Noise Levels (dB(A)) at NMS-CA-3 during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
15/5/2018 19:00	61.3	64.8	54.2
15/5/2018 19:05	61.1	64.8	54.1
15/5/2018 19:10	61.7	66.4	54.9
15/5/2018 19:15	60.1	63.2	54.6
15/5/2018 19:20	62.4	65.3	54.9
15/5/2018 19:25	62.4	66.4	54.3
15/5/2018 19:30	61.4	65.1	54.2
15/5/2018 19:35	60.9	63.4	54.8
15/5/2018 19:40	58.9	62.0	54.4
15/5/2018 19:45	59.3	62.9	54.1
15/5/2018 19:50	65.2	67.6	53.6
15/5/2018 19:55	58.5	62.0	51.5
15/5/2018 20:00	59.4	63.1	52.0
15/5/2018 20:05	57.4	61.1	51.5
15/5/2018 20:10	59.1	63.5	51.8
15/5/2018 20:15	59.9	63.6	53.0
15/5/2018 20:20	58.6	62.4	53.0
15/5/2018 20:25	60.6	63.9	53.3
15/5/2018 20:30	63.6	67.9	54.4
15/5/2018 20:35	58.7	61.7	54.0
15/5/2018 20:40	59.5	61.9	53.7
15/5/2018 20:45	63.6	67.2	54.5
15/5/2018 20:50	59.4	63.3	52.6
15/5/2018 20:55	56.4	58.8	51.6
15/5/2018 21:00	61.1	65.8	51.8
15/5/2018 21:05	54.8	56.9	50.6
15/5/2018 21:10	61.4	62.6	50.9
15/5/2018 21:15	62.9	66.3	55.6
15/5/2018 21:20	56.2	58.2	50.9
15/5/2018 21:25	54.5	57.0	50.5
15/5/2018 21:30	63.9	67.8	53.8
15/5/2018 21:35	58.2	61.5	51.8
15/5/2018 21:40	63.6	64.3	51.6
15/5/2018 21:45	61.8	66.4	52.7
15/5/2018 21:50	61.7	66.2	51.7
15/5/2018 21:55	58.9	62.8	52.3
15/5/2018 22:00	58.3	62.1	51.5
15/5/2018 22:05	57.2	59.4	50.9
15/5/2018 22:10	60.8	65.0	52.8
15/5/2018 22:15	65.1	69.7	51.5
15/5/2018 22:20	64.8	67.7	50.8
15/5/2018 22:25	62.9	67.4	50.3
15/5/2018 22:30	63.5	67.9	52.6
15/5/2018 22:35	59.1	62.4	51.9
15/5/2018 22:40	65.3	68.3	51.0
15/5/2018 22:45	62.2	66.6	52.1
15/5/2018 22:50	59.3	62.5	51.0
15/5/2018 22:55	59.0	61.0	50.5

Measured Noise Levels (dB(A)) at NMS-CA-3 during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
16/5/2018 19:01	59.0	62.2	52.8
16/5/2018 19:06	60.5	62.9	53.4
16/5/2018 19:11	60.1	64.0	53.2
16/5/2018 19:16	62.5	66.8	56.3
16/5/2018 19:21	61.0	65.3	53.7
16/5/2018 19:26	60.7	64.5	53.1
16/5/2018 19:31	65.0	68.2	53.3
16/5/2018 19:36	58.9	61.8	53.2
16/5/2018 19:41	60.5	64.0	54.3
16/5/2018 19:46	60.8	64.1	54.5
16/5/2018 19:51	61.1	64.6	53.6
16/5/2018 19:56	59.9	62.9	54.0
16/5/2018 20:01	60.9	65.7	52.7
16/5/2018 20:06	60.5	63.9	54.8
16/5/2018 20:11	61.3	65.2	52.5
16/5/2018 20:16	60.3	64.3	51.7
16/5/2018 20:21	55.8	57.3	51.0
16/5/2018 20:26	61.8	66.2	53.2
16/5/2018 20:31	61.7	65.9	53.9
16/5/2018 20:36	59.2	61.8	52.1
16/5/2018 20:41	58.5	61.4	52.5
16/5/2018 20:46	60.4	65.0	52.8
16/5/2018 20:51	58.3	62.1	51.1
16/5/2018 20:56	59.6	63.7	51.8
16/5/2018 21:01	63.1	67.2	51.8
16/5/2018 21:06	57.6	60.7	52.0
16/5/2018 21:11	59.8	64.3	51.4
16/5/2018 21:16	64.2	68.0	54.2
16/5/2018 21:21	55.6	59.2	50.0
16/5/2018 21:26	58.3	63.0	50.4
16/5/2018 21:31	61.5	66.0	52.9
16/5/2018 21:36	59.5	59.5	51.1
16/5/2018 21:41	60.7	63.8	51.6
16/5/2018 21:46	59.5	63.5	53.2
16/5/2018 21:51	57.8	59.5	51.1
16/5/2018 21:56	62.1	66.4	51.0
16/5/2018 22:01	64.5	69.6	52.7
16/5/2018 22:06	61.9	66.6	51.8
16/5/2018 22:11	65.0	69.6	53.3
16/5/2018 22:16	65.3	69.3	54.9
16/5/2018 22:21	62.8	67.1	49.3
16/5/2018 22:26	61.8	66.4	52.4
16/5/2018 22:31	65.3	67.6	51.5
16/5/2018 22:36	60.7	64.9	51.6
16/5/2018 22:41	63.3	66.8	53.0
16/5/2018 22:46	60.2	63.5	51.5
16/5/2018 22:51	61.4	65.9	50.6
16/5/2018 22:56	60.4	64.9	52.6

Measured Noise Levels (dB(A)) at NMS-CA-3 during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
17/5/2018 19:01	58.0	60.6	53.6
17/5/2018 19:06	59.7	63.7	54.1
17/5/2018 19:11	60.5	64.4	53.8
17/5/2018 19:16	63.3	66.9	54.6
17/5/2018 19:21	60.2	63.6	53.5
17/5/2018 19:26	59.5	62.4	53.9
17/5/2018 19:31	60.5	64.7	53.5
17/5/2018 19:36	60.2	63.9	53.2
17/5/2018 19:41	66.5	68.8	53.5
17/5/2018 19:46	60.8	64.9	53.9
17/5/2018 19:51	60.8	63.8	53.5
17/5/2018 19:56	60.8	63.3	52.3
17/5/2018 20:01	61.2	65.2	54.2
17/5/2018 20:06	59.8	62.6	52.2
17/5/2018 20:11	61.6	66.1	53.4
17/5/2018 20:16	59.3	62.3	53.4
17/5/2018 20:21	60.2	64.3	53.8
17/5/2018 20:26	59.2	63.1	53.2
17/5/2018 20:31	61.7	65.7	54.9
17/5/2018 20:36	59.7	63.6	53.4
17/5/2018 20:41	59.8	61.0	52.6
17/5/2018 20:46	61.3	65.0	53.9
17/5/2018 20:51	58.6	62.7	51.8
17/5/2018 20:56	58.0	61.0	52.7
17/5/2018 21:01	62.5	66.1	53.8
17/5/2018 21:06	56.6	59.9	52.1
17/5/2018 21:11	59.1	62.4	52.3
17/5/2018 21:16	61.4	65.7	52.5
17/5/2018 21:21	57.0	58.4	51.7
17/5/2018 21:26	59.1	60.5	52.6
17/5/2018 21:31	61.0	65.0	54.2
17/5/2018 21:36	56.5	59.6	51.6
17/5/2018 21:41	59.3	63.3	53.0
17/5/2018 21:46	62.1	65.0	53.1
17/5/2018 21:51	57.3	59.5	52.0
17/5/2018 21:56	61.3	65.4	51.0
17/5/2018 22:01	57.9	62.1	52.2
17/5/2018 22:06	56.7	60.0	50.7
17/5/2018 22:11	60.1	63.8	51.4
17/5/2018 22:16	59.4	63.2	50.8
17/5/2018 22:21	54.7	55.2	50.9
17/5/2018 22:26	60.3	64.9	52.0
17/5/2018 22:31	62.2	65.3	51.8
17/5/2018 22:36	54.3	56.6	50.7
17/5/2018 22:41	61.8	67.2	51.5
17/5/2018 22:46	59.3	62.4	50.9
17/5/2018 22:51	54.9	57.9	50.3
17/5/2018 22:56	57.3	61.1	51.6

Average 65.0  
 Min 52.3  
 Max 76.8

Measured Noise Levels (dB(A)) at NMS-CA-3 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
4/5/2018 23:00	66.1	70.1	57.2
4/5/2018 23:05	67.3	71.0	57.6
4/5/2018 23:10	64.7	68.0	56.6
4/5/2018 23:15	64.0	67.7	55.8
4/5/2018 23:20	63.3	65.5	54.2
4/5/2018 23:25	61.3	64.8	55.1
4/5/2018 23:30	62.8	66.9	54.3
4/5/2018 23:35	64.5	68.4	55.7
4/5/2018 23:40	61.8	64.8	53.6
4/5/2018 23:45	61.2	66.0	51.8
4/5/2018 23:50	59.9	64.0	53.4
4/5/2018 23:55	61.9	65.9	54.3
5/5/2018 0:00	63.1	67.1	52.7
5/5/2018 0:05	65.2	67.2	51.8
5/5/2018 0:10	63.5	67.8	52.6
5/5/2018 0:15	63.1	66.6	52.4
5/5/2018 0:20	65.9	70.7	54.1
5/5/2018 0:25	67.3	72.0	53.0
5/5/2018 0:30	60.1	63.7	51.3
5/5/2018 0:35	61.7	66.7	48.1
5/5/2018 0:40	66.0	70.4	50.9
5/5/2018 0:45	59.9	64.0	49.9
5/5/2018 0:50	60.0	64.2	51.0
5/5/2018 0:55	62.2	66.5	51.9
5/5/2018 1:00	56.9	60.7	49.4
5/5/2018 1:05	56.6	58.5	49.3
5/5/2018 1:10	61.2	64.6	51.2
5/5/2018 1:15	62.1	66.3	51.8
5/5/2018 1:20	58.0	61.9	50.8
5/5/2018 1:25	62.6	66.6	52.3
5/5/2018 1:30	61.0	64.3	53.2
5/5/2018 1:35	62.7	67.0	53.8
5/5/2018 1:40	61.8	65.3	52.8
5/5/2018 1:45	61.6	65.9	52.7
5/5/2018 1:50	64.3	68.3	54.6
5/5/2018 1:55	61.8	65.8	52.8
5/5/2018 2:00	64.1	67.9	52.8
5/5/2018 2:05	65.0	68.6	53.7
5/5/2018 2:10	66.1	70.6	56.0
5/5/2018 2:15	61.8	65.1	51.7
5/5/2018 2:20	64.0	68.2	52.7
5/5/2018 2:25	60.1	64.0	51.8
5/5/2018 2:30	58.6	62.3	51.4
5/5/2018 2:35	65.5	69.9	52.9
5/5/2018 2:40	60.9	64.3	52.7
5/5/2018 2:45	63.2	67.3	54.3
5/5/2018 2:50	63.4	67.4	54.1
5/5/2018 2:55	61.2	64.6	54.0
5/5/2018 3:00	61.9	66.4	53.0
5/5/2018 3:05	62.5	66.6	53.9
5/5/2018 3:10	67.1	70.3	58.1
5/5/2018 3:15	63.0	66.8	55.6
5/5/2018 3:20	64.1	68.1	55.9
5/5/2018 3:25	63.3	67.2	55.4

Measured Noise Levels (dB(A)) at NMS-CA-3 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
5/5/2018 3:30	62.7	66.5	55.3
5/5/2018 3:35	60.4	63.9	54.5
5/5/2018 3:40	62.6	66.7	54.7
5/5/2018 3:45	64.1	68.2	56.4
5/5/2018 3:50	63.2	66.7	56.6
5/5/2018 3:55	62.7	66.3	55.4
5/5/2018 4:00	63.4	67.2	55.7
5/5/2018 4:05	65.7	70.1	56.7
5/5/2018 4:10	67.0	70.1	57.0
5/5/2018 4:15	64.9	68.6	56.4
5/5/2018 4:20	61.8	64.7	56.5
5/5/2018 4:25	63.1	66.3	56.2
5/5/2018 4:30	64.0	67.4	55.9
5/5/2018 4:35	64.5	69.0	55.0
5/5/2018 4:40	60.5	63.9	54.2
5/5/2018 4:45	57.2	60.0	52.9
5/5/2018 4:50	54.7	57.0	51.9
5/5/2018 4:55	54.1	56.0	51.3
5/5/2018 5:00	53.7	56.0	50.4
5/5/2018 5:05	54.2	56.5	51.3
5/5/2018 5:10	53.6	55.8	50.9
5/5/2018 5:15	54.2	56.6	50.6
5/5/2018 5:20	55.4	58.1	51.2
5/5/2018 5:25	54.2	56.6	51.0
5/5/2018 5:30	52.4	54.8	49.5
5/5/2018 5:35	57.2	60.3	48.5
5/5/2018 5:40	52.1	54.9	48.3
5/5/2018 5:45	58.2	62.4	48.4
5/5/2018 5:50	54.7	56.7	48.4
5/5/2018 5:55	60.5	63.7	49.9
5/5/2018 6:00	57.5	60.0	49.0
5/5/2018 6:05	54.1	57.1	49.7
5/5/2018 6:10	58.8	63.2	50.3
5/5/2018 6:15	56.5	59.7	48.8
5/5/2018 6:20	54.8	57.9	48.2
5/5/2018 6:25	61.7	65.9	49.7
5/5/2018 6:30	57.8	61.6	47.6
5/5/2018 6:35	56.9	60.8	49.0
5/5/2018 6:40	60.2	64.4	49.3
5/5/2018 6:45	63.0	68.8	49.1
5/5/2018 6:50	57.4	60.8	49.3
5/5/2018 6:55	60.3	64.4	50.0

Measured Noise Levels (dB(A)) at NMS-CA-3 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
5/5/2018 23:00	60.7	63.7	51.0
5/5/2018 23:05	64.8	69.6	50.8
5/5/2018 23:10	59.3	63.1	50.8
5/5/2018 23:15	60.6	64.7	51.0
5/5/2018 23:20	62.8	64.8	50.1
5/5/2018 23:25	61.6	65.3	51.8
5/5/2018 23:30	59.7	63.9	51.1
5/5/2018 23:35	59.7	63.7	49.3
5/5/2018 23:40	62.9	66.9	50.5
5/5/2018 23:45	63.9	67.7	50.0
5/5/2018 23:50	64.6	68.7	50.5
5/5/2018 23:55	62.0	66.9	49.6
6/5/2018 0:00	58.4	62.1	48.8
6/5/2018 0:05	61.3	66.6	50.2
6/5/2018 0:10	63.5	68.6	49.6
6/5/2018 0:15	61.1	66.3	50.0
6/5/2018 0:20	61.2	65.8	47.3
6/5/2018 0:25	63.6	68.3	49.6
6/5/2018 0:30	63.9	67.7	49.6
6/5/2018 0:35	65.4	68.1	49.3
6/5/2018 0:40	61.0	64.8	48.9
6/5/2018 0:45	63.6	68.6	48.0
6/5/2018 0:50	59.7	64.2	48.3
6/5/2018 0:55	62.0	65.9	46.7
6/5/2018 1:00	59.4	63.6	48.9
6/5/2018 1:05	60.2	64.7	48.7
6/5/2018 1:10	62.8	66.9	49.5
6/5/2018 1:15	53.1	55.8	47.9
6/5/2018 1:20	60.2	65.0	48.3
6/5/2018 1:25	62.1	66.7	49.7
6/5/2018 1:30	61.9	65.4	50.4
6/5/2018 1:35	58.3	62.5	46.5
6/5/2018 1:40	61.9	65.8	46.7
6/5/2018 1:45	48.8	51.9	44.5
6/5/2018 1:50	62.7	67.3	46.2
6/5/2018 1:55	54.7	57.5	45.6
6/5/2018 2:00	59.1	58.1	47.0
6/5/2018 2:05	62.6	67.2	46.3
6/5/2018 2:10	59.5	64.4	45.6
6/5/2018 2:15	58.2	60.4	46.4
6/5/2018 2:20	57.5	60.8	47.4
6/5/2018 2:25	62.0	65.9	46.9
6/5/2018 2:30	47.4	49.5	45.1
6/5/2018 2:35	61.5	65.9	47.1
6/5/2018 2:40	55.1	53.9	44.3
6/5/2018 2:45	46.5	48.9	44.2
6/5/2018 2:50	47.7	51.2	44.2
6/5/2018 2:55	61.3	65.8	45.8
6/5/2018 3:00	47.7	50.4	44.9
6/5/2018 3:05	47.0	48.1	45.1
6/5/2018 3:10	57.1	60.5	45.2
6/5/2018 3:15	46.6	48.6	44.4
6/5/2018 3:20	56.0	56.8	44.6
6/5/2018 3:25	56.7	59.9	45.1

Measured Noise Levels (dB(A)) at NMS-CA-3 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
6/5/2018 3:30	48.5	51.4	45.3
6/5/2018 3:35	60.1	63.9	45.5
6/5/2018 3:40	50.9	54.4	45.0
6/5/2018 3:45	60.6	65.0	45.6
6/5/2018 3:50	55.4	56.1	44.9
6/5/2018 3:55	60.6	65.8	46.4
6/5/2018 4:00	59.0	60.3	45.8
6/5/2018 4:05	57.2	61.3	46.4
6/5/2018 4:10	62.5	67.2	47.4
6/5/2018 4:15	58.8	59.3	46.7
6/5/2018 4:20	59.3	63.4	45.7
6/5/2018 4:25	64.9	67.9	45.6
6/5/2018 4:30	60.8	65.1	44.9
6/5/2018 4:35	61.1	65.5	46.0
6/5/2018 4:40	57.7	60.6	46.9
6/5/2018 4:45	50.9	54.6	46.8
6/5/2018 4:50	59.6	60.9	47.1
6/5/2018 4:55	48.4	50.0	46.8
6/5/2018 5:00	55.1	59.0	47.3
6/5/2018 5:05	59.9	62.3	47.4
6/5/2018 5:10	61.4	65.9	47.8
6/5/2018 5:15	55.4	59.5	47.3
6/5/2018 5:20	48.8	50.7	46.6
6/5/2018 5:25	54.2	56.9	47.8
6/5/2018 5:30	48.0	49.4	46.4
6/5/2018 5:35	59.5	63.2	46.3
6/5/2018 5:40	53.1	53.8	46.8
6/5/2018 5:45	59.0	59.5	48.3
6/5/2018 5:50	50.4	52.7	47.0
6/5/2018 5:55	61.7	63.3	47.5
6/5/2018 6:00	57.0	58.6	48.2
6/5/2018 6:05	50.3	52.6	47.2
6/5/2018 6:10	57.7	59.2	48.6
6/5/2018 6:15	54.6	55.7	48.6
6/5/2018 6:20	55.6	56.4	48.5
6/5/2018 6:25	57.8	61.1	49.7
6/5/2018 6:30	72.1	75.7	53.4
6/5/2018 6:35	53.1	55.1	49.9
6/5/2018 6:40	63.8	67.5	51.1
6/5/2018 6:45	55.5	57.2	50.1
6/5/2018 6:50	59.3	63.1	51.1
6/5/2018 6:55	60.6	65.0	52.0

Measured Noise Levels (dB(A)) at NMS-CA-3 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
6/5/2018 23:00	59.6	63.4	52.1
6/5/2018 23:05	59.6	62.7	50.4
6/5/2018 23:10	60.5	64.9	51.6
6/5/2018 23:15	55.6	58.6	50.9
6/5/2018 23:20	57.5	59.4	50.1
6/5/2018 23:25	59.3	62.4	50.1
6/5/2018 23:30	57.0	59.4	49.9
6/5/2018 23:35	60.4	62.5	50.6
6/5/2018 23:40	59.3	62.9	50.0
6/5/2018 23:45	58.1	61.7	50.1
6/5/2018 23:50	57.4	59.4	49.9
6/5/2018 23:55	57.9	60.4	48.9
7/5/2018 0:00	60.7	64.5	51.1
7/5/2018 0:05	55.0	56.6	49.8
7/5/2018 0:10	58.0	60.6	51.1
7/5/2018 0:15	58.2	62.0	49.1
7/5/2018 0:20	56.9	59.7	49.4
7/5/2018 0:25	52.6	54.6	47.9
7/5/2018 0:30	57.4	60.7	48.9
7/5/2018 0:35	57.2	60.6	49.0
7/5/2018 0:40	58.9	62.6	51.0
7/5/2018 0:45	56.2	59.9	48.5
7/5/2018 0:50	55.3	59.4	48.9
7/5/2018 0:55	57.2	60.5	47.6
7/5/2018 1:00	52.7	55.3	48.6
7/5/2018 1:05	51.0	54.0	47.1
7/5/2018 1:10	49.2	51.2	46.5
7/5/2018 1:15	51.4	54.0	47.1
7/5/2018 1:20	54.2	57.2	48.3
7/5/2018 1:25	59.6	59.7	48.0
7/5/2018 1:30	54.8	58.2	48.1
7/5/2018 1:35	62.6	60.1	46.9
7/5/2018 1:40	52.4	55.6	46.9
7/5/2018 1:45	50.4	52.1	46.3
7/5/2018 1:50	51.0	54.0	45.8
7/5/2018 1:55	51.7	53.1	46.7
7/5/2018 2:00	54.9	55.5	46.1
7/5/2018 2:05	53.4	56.6	46.9
7/5/2018 2:10	54.4	57.2	46.5
7/5/2018 2:15	50.6	52.7	45.4
7/5/2018 2:20	48.2	50.3	45.7
7/5/2018 2:25	60.0	63.1	47.1
7/5/2018 2:30	64.6	66.0	47.2
7/5/2018 2:35	53.0	52.3	46.0
7/5/2018 2:40	53.2	55.2	46.5
7/5/2018 2:45	51.4	52.5	46.5
7/5/2018 2:50	50.9	49.7	45.7
7/5/2018 2:55	55.5	55.7	46.0
7/5/2018 3:00	50.3	52.8	46.4
7/5/2018 3:05	52.0	53.6	47.3
7/5/2018 3:10	55.7	58.4	47.2
7/5/2018 3:15	60.2	62.1	47.2
7/5/2018 3:20	56.9	58.4	46.2
7/5/2018 3:25	53.9	56.9	46.6

Measured Noise Levels (dB(A)) at NMS-CA-3 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
7/5/2018 3:30	51.1	53.4	45.1
7/5/2018 3:35	57.2	59.2	46.4
7/5/2018 3:40	57.5	60.0	46.6
7/5/2018 3:45	51.5	52.9	46.4
7/5/2018 3:50	51.9	53.8	46.2
7/5/2018 3:55	58.7	63.1	47.5
7/5/2018 4:00	52.4	54.1	47.0
7/5/2018 4:05	65.9	65.5	46.7
7/5/2018 4:10	55.8	56.9	46.9
7/5/2018 4:15	47.6	48.1	45.2
7/5/2018 4:20	52.7	54.2	46.0
7/5/2018 4:25	56.5	60.4	46.7
7/5/2018 4:30	49.6	51.8	46.3
7/5/2018 4:35	59.2	61.0	48.5
7/5/2018 4:40	49.8	52.1	46.9
7/5/2018 4:45	63.4	67.2	46.8
7/5/2018 4:50	53.2	56.0	46.6
7/5/2018 4:55	56.7	59.4	47.8
7/5/2018 5:00	53.0	55.6	47.6
7/5/2018 5:05	50.7	52.8	47.7
7/5/2018 5:10	58.5	61.2	48.1
7/5/2018 5:15	56.6	58.5	48.7
7/5/2018 5:20	60.6	61.5	49.0
7/5/2018 5:25	59.7	61.7	49.0
7/5/2018 5:30	58.9	62.4	49.1
7/5/2018 5:35	56.4	60.0	48.9
7/5/2018 5:40	55.1	57.8	48.4
7/5/2018 5:45	58.4	60.8	48.1
7/5/2018 5:50	58.8	60.6	49.3
7/5/2018 5:55	59.3	61.0	50.2
7/5/2018 6:00	61.7	62.3	50.6
7/5/2018 6:05	54.6	57.1	48.9
7/5/2018 6:10	58.1	61.4	49.9
7/5/2018 6:15	55.9	56.6	48.9
7/5/2018 6:20	56.4	58.6	50.6
7/5/2018 6:25	59.3	64.0	51.1
7/5/2018 6:30	54.0	57.0	50.4
7/5/2018 6:35	55.4	58.3	50.4
7/5/2018 6:40	57.8	60.8	50.5
7/5/2018 6:45	57.5	59.9	52.0
7/5/2018 6:50	59.4	63.5	52.1
7/5/2018 6:55	59.3	62.1	52.7

Measured Noise Levels (dB(A)) at NMS-CA-3 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
7/5/2018 23:01	62.3	66.0	54.7
7/5/2018 23:06	62.7	65.9	54.2
7/5/2018 23:11	62.9	66.4	55.2
7/5/2018 23:16	67.3	70.5	55.4
7/5/2018 23:21	75.9	79.1	66.2
7/5/2018 23:26	75.9	79.5	66.3
7/5/2018 23:31	81.5	84.8	73.9
7/5/2018 23:36	77.6	80.9	67.1
7/5/2018 23:41	75.0	78.8	59.3
7/5/2018 23:46	76.1	78.8	68.7
7/5/2018 23:51	77.4	80.6	68.0
7/5/2018 23:56	77.6	80.6	67.0
8/5/2018 0:01	77.3	80.4	69.3
8/5/2018 0:06	70.7	73.9	57.9
8/5/2018 0:11	64.0	67.1	55.3
8/5/2018 0:16	64.7	69.1	54.0
8/5/2018 0:21	71.7	75.6	59.2
8/5/2018 0:26	70.3	74.6	59.7
8/5/2018 0:31	74.9	78.3	64.1
8/5/2018 0:36	72.9	76.2	53.8
8/5/2018 0:41	61.0	65.6	52.5
8/5/2018 0:46	73.7	78.1	59.0
8/5/2018 0:51	67.3	70.2	60.7
8/5/2018 0:56	68.2	71.0	55.9
8/5/2018 1:01	82.1	85.1	65.2
8/5/2018 1:06	60.3	63.5	52.6
8/5/2018 1:11	62.1	67.3	51.9
8/5/2018 1:16	58.9	61.6	50.8
8/5/2018 1:21	58.0	61.2	49.9
8/5/2018 1:26	61.3	65.3	50.8
8/5/2018 1:31	54.4	56.5	51.1
8/5/2018 1:36	60.0	62.4	52.1
8/5/2018 1:41	55.0	57.7	51.6
8/5/2018 1:46	54.8	57.3	51.1
8/5/2018 1:51	56.0	59.7	50.5
8/5/2018 1:56	53.3	55.3	50.7
8/5/2018 2:01	53.5	55.8	50.6
8/5/2018 2:06	58.2	61.7	52.4
8/5/2018 2:11	56.7	59.0	51.7
8/5/2018 2:16	59.1	61.3	51.8
8/5/2018 2:21	56.5	60.0	50.9
8/5/2018 2:26	51.9	54.3	49.7
8/5/2018 2:31	55.6	59.2	49.7
8/5/2018 2:36	53.1	56.6	48.9
8/5/2018 2:41	53.5	56.4	48.9
8/5/2018 2:46	54.6	58.2	48.7
8/5/2018 2:51	57.2	61.5	49.8
8/5/2018 2:56	54.2	57.0	50.3
8/5/2018 3:01	53.7	56.1	50.2
8/5/2018 3:06	53.1	55.9	48.1
8/5/2018 3:11	52.7	55.5	47.8
8/5/2018 3:16	60.5	62.8	48.9
8/5/2018 3:21	53.8	56.8	48.0
8/5/2018 3:26	60.8	60.2	49.4

Measured Noise Levels (dB(A)) at NMS-CA-3 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
8/5/2018 3:31	54.8	57.6	49.1
8/5/2018 3:36	55.2	57.7	48.9
8/5/2018 3:41	56.2	58.2	51.5
8/5/2018 3:46	56.7	58.8	52.9
8/5/2018 3:51	58.0	60.3	54.6
8/5/2018 3:56	59.1	61.7	55.0
8/5/2018 4:01	59.0	61.0	56.3
8/5/2018 4:06	60.5	63.1	57.4
8/5/2018 4:11	58.1	59.8	55.8
8/5/2018 4:16	58.3	60.2	55.7
8/5/2018 4:21	58.4	59.6	56.0
8/5/2018 4:26	59.8	61.9	56.4
8/5/2018 4:31	58.6	60.6	56.1
8/5/2018 4:36	59.4	61.3	56.8
8/5/2018 4:41	58.6	60.6	55.8
8/5/2018 4:46	58.1	60.0	55.3
8/5/2018 4:51	59.1	62.5	55.0
8/5/2018 4:56	56.7	58.4	54.1
8/5/2018 5:01	56.8	58.4	54.5
8/5/2018 5:06	55.9	57.6	52.9
8/5/2018 5:11	57.5	58.4	51.7
8/5/2018 5:16	58.5	60.7	54.1
8/5/2018 5:21	63.3	62.1	54.1
8/5/2018 5:26	58.3	60.7	52.9
8/5/2018 5:31	58.0	59.2	52.8
8/5/2018 5:36	59.4	62.5	54.3
8/5/2018 5:41	57.1	59.4	53.4
8/5/2018 5:46	59.8	62.0	52.5
8/5/2018 5:51	58.4	62.8	51.1
8/5/2018 5:56	56.6	58.9	51.3
8/5/2018 6:01	57.2	59.4	52.5
8/5/2018 6:06	55.9	57.5	51.0
8/5/2018 6:11	59.6	63.5	50.5
8/5/2018 6:16	58.7	62.5	50.2
8/5/2018 6:21	57.1	59.1	50.6
8/5/2018 6:26	57.3	60.5	51.4
8/5/2018 6:31	54.7	57.7	50.2
8/5/2018 6:36	57.5	61.5	52.1
8/5/2018 6:41	58.3	61.7	51.6
8/5/2018 6:46	59.2	63.0	52.5
8/5/2018 6:51	58.7	61.9	52.6
8/5/2018 6:56	59.6	62.9	54.0

Measured Noise Levels (dB(A)) at NMS-CA-3 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
8/5/2018 23:01	64.7	69.2	52.7
8/5/2018 23:06	59.9	60.6	52.4
8/5/2018 23:11	63.8	68.1	55.5
8/5/2018 23:16	64.6	68.9	55.2
8/5/2018 23:21	61.3	66.0	53.8
8/5/2018 23:26	61.3	65.2	54.2
8/5/2018 23:31	63.0	67.8	54.9
8/5/2018 23:36	64.9	66.7	53.2
8/5/2018 23:41	63.9	68.4	56.4
8/5/2018 23:46	60.2	62.9	55.3
8/5/2018 23:51	61.5	65.7	55.1
8/5/2018 23:56	61.1	64.3	55.9
9/5/2018 0:01	63.2	67.1	55.8
9/5/2018 0:06	62.9	67.3	53.8
9/5/2018 0:11	64.1	68.1	55.5
9/5/2018 0:16	64.3	68.1	56.0
9/5/2018 0:21	65.0	70.1	56.3
9/5/2018 0:26	61.8	64.2	56.4
9/5/2018 0:31	63.0	67.8	50.6
9/5/2018 0:36	60.7	62.0	52.2
9/5/2018 0:41	63.9	68.1	54.3
9/5/2018 0:46	61.8	63.9	50.2
9/5/2018 0:51	64.6	68.8	54.8
9/5/2018 0:56	63.5	68.2	55.0
9/5/2018 1:01	60.0	63.8	53.9
9/5/2018 1:06	64.2	68.5	55.1
9/5/2018 1:11	61.5	65.0	52.1
9/5/2018 1:16	59.7	62.8	50.2
9/5/2018 1:21	59.1	61.6	53.5
9/5/2018 1:26	64.7	69.4	54.3
9/5/2018 1:31	62.5	67.5	54.0
9/5/2018 1:36	57.8	60.5	54.0
9/5/2018 1:41	57.9	60.6	54.2
9/5/2018 1:46	58.3	61.3	54.1
9/5/2018 1:51	57.8	60.3	53.8
9/5/2018 1:56	56.5	58.4	53.6
9/5/2018 2:01	57.5	59.5	54.8
9/5/2018 2:06	55.0	57.5	50.3
9/5/2018 2:11	55.8	57.9	52.7
9/5/2018 2:16	54.6	57.3	46.9
9/5/2018 2:21	54.5	57.3	46.4
9/5/2018 2:26	54.6	56.7	49.7
9/5/2018 2:31	55.0	57.6	50.0
9/5/2018 2:36	53.9	56.4	48.0
9/5/2018 2:41	55.9	58.7	50.7
9/5/2018 2:46	55.3	58.3	48.7
9/5/2018 2:51	52.3	55.4	47.0
9/5/2018 2:56	51.3	54.7	46.9
9/5/2018 3:01	51.3	54.7	46.6
9/5/2018 3:06	52.6	56.3	46.9
9/5/2018 3:11	55.7	59.2	48.5
9/5/2018 3:16	56.2	58.9	51.4
9/5/2018 3:21	58.7	62.0	52.9
9/5/2018 3:26	60.0	62.6	55.5

Measured Noise Levels (dB(A)) at NMS-CA-3 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
9/5/2018 3:31	59.8	62.5	55.2
9/5/2018 3:36	57.8	61.3	50.3
9/5/2018 3:41	53.4	56.1	49.2
9/5/2018 3:46	55.3	59.1	48.4
9/5/2018 3:51	52.8	56.4	47.3
9/5/2018 3:56	52.7	56.4	47.2
9/5/2018 4:01	56.5	60.5	49.6
9/5/2018 4:06	65.5	65.4	52.4
9/5/2018 4:11	56.9	60.0	50.9
9/5/2018 4:16	59.5	61.8	55.5
9/5/2018 4:21	60.1	62.4	56.4
9/5/2018 4:26	61.0	63.6	56.2
9/5/2018 4:31	59.0	62.3	51.7
9/5/2018 4:36	58.6	62.5	51.9
9/5/2018 4:41	63.1	64.7	53.9
9/5/2018 4:46	56.4	60.2	50.6
9/5/2018 4:51	53.3	56.6	47.5
9/5/2018 4:56	51.8	54.4	47.5
9/5/2018 5:01	53.8	57.7	47.9
9/5/2018 5:06	55.3	58.7	47.9
9/5/2018 5:11	55.0	58.0	49.5
9/5/2018 5:16	55.1	58.0	49.0
9/5/2018 5:21	57.5	61.2	49.0
9/5/2018 5:26	53.7	56.7	48.7
9/5/2018 5:31	53.3	55.4	47.8
9/5/2018 5:36	53.9	56.0	47.9
9/5/2018 5:41	51.6	54.3	47.9
9/5/2018 5:46	60.2	62.6	50.1
9/5/2018 5:51	57.5	61.8	49.6
9/5/2018 5:56	58.4	62.0	49.0
9/5/2018 6:01	56.2	59.2	49.3
9/5/2018 6:06	58.0	61.5	51.2
9/5/2018 6:11	61.3	65.1	52.8
9/5/2018 6:16	62.0	65.7	51.9
9/5/2018 6:21	59.1	62.1	52.1
9/5/2018 6:26	61.8	65.0	53.9
9/5/2018 6:31	58.6	62.5	51.1
9/5/2018 6:36	61.0	64.9	50.5
9/5/2018 6:41	63.4	67.2	54.6
9/5/2018 6:46	63.4	67.3	53.7
9/5/2018 6:51	62.5	66.5	54.7
9/5/2018 6:56	60.9	64.5	54.0

Measured Noise Levels (dB(A)) at NMS-CA-3 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
9/5/2018 23:01	68.4	71.4	58.7
9/5/2018 23:06	70.8	74.7	56.7
9/5/2018 23:11	69.8	72.2	56.8
9/5/2018 23:16	70.1	74.2	57.3
9/5/2018 23:21	69.4	73.7	54.3
9/5/2018 23:26	65.3	69.3	53.5
9/5/2018 23:31	67.2	70.7	56.7
9/5/2018 23:36	72.2	76.4	56.1
9/5/2018 23:41	67.1	70.3	54.6
9/5/2018 23:46	64.7	68.8	53.5
9/5/2018 23:51	69.7	72.8	55.6
9/5/2018 23:56	70.1	74.3	54.4
10/5/2018 0:01	69.0	72.1	54.2
10/5/2018 0:06	68.9	71.9	56.2
10/5/2018 0:11	70.9	74.6	58.3
10/5/2018 0:16	74.9	78.0	63.2
10/5/2018 0:21	66.2	68.9	53.7
10/5/2018 0:26	67.7	71.1	55.8
10/5/2018 0:31	68.3	72.8	52.9
10/5/2018 0:36	69.4	72.9	57.4
10/5/2018 0:41	70.3	74.5	56.7
10/5/2018 0:46	69.2	73.3	53.6
10/5/2018 0:51	70.8	75.2	56.3
10/5/2018 0:56	70.8	74.2	55.0
10/5/2018 1:01	71.7	76.1	55.1
10/5/2018 1:06	67.3	71.2	53.9
10/5/2018 1:11	69.8	73.9	55.7
10/5/2018 1:16	67.7	70.6	55.2
10/5/2018 1:21	70.9	74.8	56.4
10/5/2018 1:26	72.8	76.9	54.3
10/5/2018 1:31	70.6	73.5	54.3
10/5/2018 1:36	66.8	70.0	52.5
10/5/2018 1:41	71.8	75.2	58.3
10/5/2018 1:46	68.2	72.2	54.1
10/5/2018 1:51	62.5	66.9	51.0
10/5/2018 1:56	65.6	68.4	51.8
10/5/2018 2:01	63.5	66.6	52.3
10/5/2018 2:06	63.7	66.8	51.7
10/5/2018 2:11	65.0	68.0	52.8
10/5/2018 2:16	63.2	67.2	51.0
10/5/2018 2:21	61.4	62.1	51.8
10/5/2018 2:26	67.1	70.3	55.4
10/5/2018 2:31	67.0	71.3	55.1
10/5/2018 2:36	71.4	75.1	63.0
10/5/2018 2:41	73.7	76.8	64.3
10/5/2018 2:46	73.7	77.6	61.9
10/5/2018 2:51	72.5	76.9	58.4
10/5/2018 2:56	67.0	71.1	53.7
10/5/2018 3:01	64.1	66.4	51.5
10/5/2018 3:06	63.3	67.5	50.8
10/5/2018 3:11	63.8	67.9	51.7
10/5/2018 3:16	64.3	69.7	51.3
10/5/2018 3:21	63.5	65.0	50.3
10/5/2018 3:26	62.9	67.5	51.1

Measured Noise Levels (dB(A)) at NMS-CA-3 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
10/5/2018 3:31	63.6	65.7	51.4
10/5/2018 3:36	64.3	68.0	51.0
10/5/2018 3:41	63.2	68.6	51.4
10/5/2018 3:46	62.8	66.1	51.6
10/5/2018 3:51	69.5	72.7	55.3
10/5/2018 3:56	71.6	74.2	56.0
10/5/2018 4:01	69.3	73.1	56.5
10/5/2018 4:06	71.4	75.8	57.2
10/5/2018 4:11	69.1	72.5	58.7
10/5/2018 4:16	65.8	69.6	53.1
10/5/2018 4:21	70.6	73.1	53.4
10/5/2018 4:26	65.2	69.2	52.8
10/5/2018 4:31	65.6	69.5	51.6
10/5/2018 4:36	66.8	70.9	52.3
10/5/2018 4:41	67.6	71.2	54.6
10/5/2018 4:46	66.2	70.6	54.9
10/5/2018 4:51	59.7	62.6	52.3
10/5/2018 4:56	57.4	60.0	52.7
10/5/2018 5:01	58.2	60.8	52.9
10/5/2018 5:06	56.9	59.5	51.4
10/5/2018 5:11	57.0	58.9	53.2
10/5/2018 5:16	56.9	58.0	52.7
10/5/2018 5:21	69.1	68.6	50.9
10/5/2018 5:26	64.5	58.8	51.3
10/5/2018 5:31	55.7	57.6	51.0
10/5/2018 5:36	60.1	62.9	50.2
10/5/2018 5:41	58.5	60.5	51.1
10/5/2018 5:46	61.8	64.9	51.0
10/5/2018 5:51	61.4	65.3	52.6
10/5/2018 5:56	63.7	67.8	52.0
10/5/2018 6:01	65.2	68.0	52.5
10/5/2018 6:06	64.0	67.6	53.1
10/5/2018 6:11	65.0	68.3	54.3
10/5/2018 6:16	62.1	65.6	53.2
10/5/2018 6:21	65.1	69.1	54.9
10/5/2018 6:26	64.3	68.5	55.7
10/5/2018 6:31	61.4	64.6	54.8
10/5/2018 6:36	58.8	60.8	53.8
10/5/2018 6:41	62.6	66.4	54.2
10/5/2018 6:46	61.4	64.9	53.4
10/5/2018 6:51	60.8	64.2	53.6
10/5/2018 6:56	63.2	66.4	55.4



Measured Noise Levels (dB(A)) at NMS-CA-3 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
10/5/2018 23:02	62.1	65.5	52.2
10/5/2018 23:07	65.8	69.7	55.4
10/5/2018 23:12	66.2	69.9	56.7
10/5/2018 23:17	68.5	73.2	56.4
10/5/2018 23:22	71.3	75.7	56.1
10/5/2018 23:27	71.2	75.2	59.0
10/5/2018 23:32	70.3	74.4	56.8
10/5/2018 23:37	72.8	76.7	57.7
10/5/2018 23:42	68.2	72.1	56.1
10/5/2018 23:47	71.5	76.1	55.4
10/5/2018 23:52	70.7	74.2	58.8
10/5/2018 23:57	73.9	77.8	61.0
11/5/2018 0:02	72.2	77.0	59.1
11/5/2018 0:07	69.9	74.6	54.8
11/5/2018 0:12	72.6	77.0	58.8
11/5/2018 0:17	73.2	76.9	61.6
11/5/2018 0:22	70.3	74.2	55.4
11/5/2018 0:27	71.8	76.1	58.8
11/5/2018 0:32	74.3	78.4	58.6
11/5/2018 0:37	75.1	78.9	61.3
11/5/2018 0:42	74.1	77.6	63.4
11/5/2018 0:47	75.1	79.6	61.1
11/5/2018 0:52	73.7	78.1	59.1
11/5/2018 0:57	72.5	76.3	57.0
11/5/2018 1:02	71.9	76.1	58.7
11/5/2018 1:07	75.8	79.6	62.8
11/5/2018 1:12	74.3	78.1	58.5
11/5/2018 1:17	74.4	77.4	62.8
11/5/2018 1:22	72.9	76.2	57.8
11/5/2018 1:27	75.0	79.7	59.5
11/5/2018 1:32	69.5	73.3	53.0
11/5/2018 1:37	70.6	73.8	52.1
11/5/2018 1:42	69.2	73.3	52.4
11/5/2018 1:47	65.9	70.0	52.7
11/5/2018 1:52	64.6	69.1	50.7
11/5/2018 1:57	60.1	64.1	49.9
11/5/2018 2:02	56.5	59.3	50.8
11/5/2018 2:07	57.8	60.7	51.1
11/5/2018 2:12	58.8	60.8	52.4
11/5/2018 2:17	58.2	60.9	52.6
11/5/2018 2:22	56.0	58.4	51.1
11/5/2018 2:27	56.9	60.2	51.3
11/5/2018 2:32	55.0	57.2	49.4
11/5/2018 2:37	58.6	60.9	51.5
11/5/2018 2:42	58.0	60.2	52.0
11/5/2018 2:47	57.5	58.4	52.2
11/5/2018 2:52	58.8	61.1	52.9
11/5/2018 2:57	54.0	55.8	50.6
11/5/2018 3:02	56.0	59.5	50.3
11/5/2018 3:07	57.8	60.0	53.4
11/5/2018 3:12	59.9	61.9	54.9
11/5/2018 3:17	60.9	63.6	56.3
11/5/2018 3:22	60.8	63.5	56.3
11/5/2018 3:27	59.6	61.6	56.0

Measured Noise Levels (dB(A)) at NMS-CA-3 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
11/5/2018 3:32	61.0	63.3	56.2
11/5/2018 3:37	60.5	62.8	56.6
11/5/2018 3:42	61.8	63.9	57.2
11/5/2018 3:47	61.8	64.1	57.1
11/5/2018 3:52	61.6	63.9	57.2
11/5/2018 3:57	61.4	63.8	57.1
11/5/2018 4:02	61.8	64.1	56.6
11/5/2018 4:07	61.7	63.8	57.2
11/5/2018 4:12	61.4	63.5	57.3
11/5/2018 4:17	62.1	64.1	57.7
11/5/2018 4:22	62.5	64.3	57.8
11/5/2018 4:27	65.1	68.6	57.9
11/5/2018 4:32	63.8	65.4	57.4
11/5/2018 4:37	61.9	64.0	57.0
11/5/2018 4:42	66.5	69.1	59.2
11/5/2018 4:47	63.2	64.6	58.0
11/5/2018 4:52	62.8	65.0	58.3
11/5/2018 4:57	66.2	67.0	58.3
11/5/2018 5:02	64.1	66.8	52.0
11/5/2018 5:07	61.3	64.3	51.3
11/5/2018 5:12	63.1	66.7	52.7
11/5/2018 5:17	63.6	63.3	52.9
11/5/2018 5:22	62.9	66.4	52.4
11/5/2018 5:27	63.7	67.4	52.4
11/5/2018 5:32	61.8	65.6	51.4
11/5/2018 5:37	59.8	63.6	50.5
11/5/2018 5:42	58.8	62.5	49.4
11/5/2018 5:47	60.0	64.3	51.4
11/5/2018 5:52	61.8	64.8	50.8
11/5/2018 5:57	61.6	65.8	51.7
11/5/2018 6:02	57.9	60.7	50.6
11/5/2018 6:07	58.5	62.4	52.1
11/5/2018 6:12	59.2	63.7	50.8
11/5/2018 6:17	59.9	64.2	51.3
11/5/2018 6:22	57.4	60.9	50.9
11/5/2018 6:27	58.0	60.7	51.7
11/5/2018 6:32	57.6	61.5	51.2
11/5/2018 6:37	57.2	60.1	51.0
11/5/2018 6:42	58.9	61.8	53.0
11/5/2018 6:47	59.8	62.2	52.6
11/5/2018 6:52	59.7	63.4	52.6
11/5/2018 6:57	56.6	60.1	50.8

Measured Noise Levels (dB(A)) at NMS-CA-3 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
11/5/2018 23:02	64.9	68.4	55.5
11/5/2018 23:07	62.9	66.7	54.0
11/5/2018 23:12	64.2	68.8	53.9
11/5/2018 23:17	64.0	68.3	55.6
11/5/2018 23:22	60.3	64.7	53.4
11/5/2018 23:27	62.6	66.3	53.7
11/5/2018 23:32	61.8	65.7	53.9
11/5/2018 23:37	63.3	66.6	52.4
11/5/2018 23:42	64.3	68.7	55.3
11/5/2018 23:47	63.9	68.5	54.9
11/5/2018 23:52	62.5	66.3	52.6
11/5/2018 23:57	63.9	67.7	54.6
12/5/2018 0:02	62.6	64.8	51.9
12/5/2018 0:07	62.5	65.9	54.2
12/5/2018 0:12	64.9	68.9	55.8
12/5/2018 0:17	63.8	67.9	55.1
12/5/2018 0:22	65.0	69.4	54.7
12/5/2018 0:27	63.3	66.9	54.1
12/5/2018 0:32	63.8	68.2	54.6
12/5/2018 0:37	64.5	69.3	54.7
12/5/2018 0:42	64.6	67.8	54.6
12/5/2018 0:47	62.7	66.9	53.8
12/5/2018 0:52	63.5	66.8	54.6
12/5/2018 0:57	64.9	68.6	56.7
12/5/2018 1:02	65.1	68.6	55.5
12/5/2018 1:07	60.9	64.0	54.4
12/5/2018 1:12	64.0	68.2	54.8
12/5/2018 1:17	63.0	67.2	53.4
12/5/2018 1:22	65.0	68.8	54.1
12/5/2018 1:27	59.2	60.7	47.0
12/5/2018 1:32	60.1	63.6	48.3
12/5/2018 1:37	62.0	66.8	51.7
12/5/2018 1:42	60.8	64.1	51.1
12/5/2018 1:47	62.7	64.6	50.5
12/5/2018 1:52	61.9	65.9	51.3
12/5/2018 1:57	54.7	58.0	47.6
12/5/2018 2:02	61.8	65.1	50.8
12/5/2018 2:07	62.7	65.5	53.7
12/5/2018 2:12	59.8	62.8	52.5
12/5/2018 2:17	52.5	55.1	47.8
12/5/2018 2:22	61.4	65.9	49.4
12/5/2018 2:27	58.7	62.3	50.0
12/5/2018 2:32	59.3	58.0	49.7
12/5/2018 2:37	59.9	60.7	50.1
12/5/2018 2:42	54.7	56.9	50.9
12/5/2018 2:47	53.3	55.9	48.9
12/5/2018 2:52	51.9	54.0	48.1
12/5/2018 2:57	51.6	53.8	47.9
12/5/2018 3:02	51.6	53.7	47.9
12/5/2018 3:07	52.1	54.1	48.9
12/5/2018 3:12	52.6	54.6	48.6
12/5/2018 3:17	63.2	66.5	51.2
12/5/2018 3:22	53.9	57.0	49.2
12/5/2018 3:27	53.5	56.0	49.6

Measured Noise Levels (dB(A)) at NMS-CA-3 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
12/5/2018 3:32	55.8	59.1	51.0
12/5/2018 3:37	59.6	61.9	55.8
12/5/2018 3:42	59.1	61.3	56.0
12/5/2018 3:47	59.3	61.8	55.6
12/5/2018 3:52	59.1	61.4	55.9
12/5/2018 3:57	63.7	67.6	56.9
12/5/2018 4:02	62.0	62.8	55.7
12/5/2018 4:07	61.7	61.6	55.0
12/5/2018 4:12	58.5	60.6	55.3
12/5/2018 4:17	62.0	64.7	55.8
12/5/2018 4:22	65.8	70.3	53.7
12/5/2018 4:27	54.0	55.9	51.1
12/5/2018 4:32	61.5	64.6	52.3
12/5/2018 4:37	59.9	62.9	52.8
12/5/2018 4:42	54.5	56.2	51.9
12/5/2018 4:47	54.7	56.5	52.1
12/5/2018 4:52	60.5	63.5	52.6
12/5/2018 4:57	57.2	57.4	52.6
12/5/2018 5:02	56.2	58.0	53.9
12/5/2018 5:07	53.9	55.5	51.8
12/5/2018 5:12	52.3	54.0	50.0
12/5/2018 5:17	53.0	54.8	49.9
12/5/2018 5:22	59.4	61.7	50.7
12/5/2018 5:27	60.6	63.4	50.1
12/5/2018 5:32	50.7	52.8	46.4
12/5/2018 5:37	50.3	53.7	46.4
12/5/2018 5:42	57.7	61.5	47.2
12/5/2018 5:47	61.5	65.3	48.5
12/5/2018 5:52	57.6	59.0	47.0
12/5/2018 5:57	57.7	61.2	47.4
12/5/2018 6:02	53.7	56.6	48.5
12/5/2018 6:07	54.2	55.9	48.9
12/5/2018 6:12	62.7	66.6	49.2
12/5/2018 6:17	56.9	58.8	49.2
12/5/2018 6:22	57.5	61.8	48.7
12/5/2018 6:27	56.1	58.7	49.0
12/5/2018 6:32	50.1	51.7	48.7
12/5/2018 6:37	56.0	60.6	49.0
12/5/2018 6:42	56.9	59.3	49.4
12/5/2018 6:47	60.7	66.1	49.7
12/5/2018 6:52	61.4	66.0	50.8
12/5/2018 6:57	55.3	58.2	50.2

Measured Noise Levels (dB(A)) at NMS-CA-3 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
12/5/2018 23:02	64.5	68.7	55.3
12/5/2018 23:07	62.4	65.9	53.8
12/5/2018 23:12	65.0	69.5	54.4
12/5/2018 23:17	63.7	67.8	54.2
12/5/2018 23:22	62.8	66.6	53.5
12/5/2018 23:27	62.4	66.3	53.8
12/5/2018 23:32	61.7	64.4	53.9
12/5/2018 23:37	62.4	66.6	54.7
12/5/2018 23:42	64.6	68.1	55.6
12/5/2018 23:47	58.5	62.0	49.1
12/5/2018 23:52	62.0	66.9	50.5
12/5/2018 23:57	58.7	61.8	48.8
13/5/2018 0:02	62.8	66.0	54.0
13/5/2018 0:07	65.5	69.4	51.0
13/5/2018 0:12	64.8	69.3	54.6
13/5/2018 0:17	58.7	61.2	52.5
13/5/2018 0:22	65.5	70.1	54.8
13/5/2018 0:27	64.5	68.9	53.7
13/5/2018 0:32	64.0	69.3	50.7
13/5/2018 0:37	64.3	68.8	50.2
13/5/2018 0:42	64.9	69.3	52.2
13/5/2018 0:47	64.4	69.3	49.7
13/5/2018 0:52	59.3	64.4	48.4
13/5/2018 0:57	62.1	66.8	47.2
13/5/2018 1:02	58.9	61.8	48.9
13/5/2018 1:07	62.7	66.6	49.5
13/5/2018 1:12	62.9	66.6	50.1
13/5/2018 1:17	64.0	68.9	50.2
13/5/2018 1:22	60.5	65.9	48.5
13/5/2018 1:27	54.0	56.5	47.9
13/5/2018 1:32	49.6	52.0	45.9
13/5/2018 1:37	62.9	67.3	47.9
13/5/2018 1:42	50.5	53.0	47.5
13/5/2018 1:47	52.7	53.7	47.3
13/5/2018 1:52	58.5	63.2	46.5
13/5/2018 1:57	61.5	64.1	46.7
13/5/2018 2:02	50.1	52.5	45.5
13/5/2018 2:07	65.0	68.9	47.3
13/5/2018 2:12	61.3	64.2	45.5
13/5/2018 2:17	63.6	68.1	47.0
13/5/2018 2:22	58.0	62.4	45.8
13/5/2018 2:27	49.4	51.9	46.5
13/5/2018 2:32	55.0	58.0	45.0
13/5/2018 2:37	48.7	51.3	45.6
13/5/2018 2:42	57.6	60.4	46.8
13/5/2018 2:47	49.5	51.8	46.3
13/5/2018 2:52	49.6	52.0	45.8
13/5/2018 2:57	51.1	54.1	46.3
13/5/2018 3:02	51.2	53.5	47.3
13/5/2018 3:07	58.1	61.8	47.3
13/5/2018 3:12	48.7	51.7	45.3
13/5/2018 3:17	50.0	52.3	46.9
13/5/2018 3:22	57.8	59.5	46.6
13/5/2018 3:27	61.0	65.8	48.1

Measured Noise Levels (dB(A)) at NMS-CA-3 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
13/5/2018 3:32	50.6	52.9	47.2
13/5/2018 3:37	51.7	53.6	47.4
13/5/2018 3:42	62.7	68.0	49.3
13/5/2018 3:47	54.6	54.3	47.2
13/5/2018 3:52	57.9	60.1	47.1
13/5/2018 3:57	59.2	60.5	46.6
13/5/2018 4:02	54.4	55.2	46.9
13/5/2018 4:07	61.0	66.4	48.1
13/5/2018 4:12	60.4	61.8	48.5
13/5/2018 4:17	61.7	63.1	48.5
13/5/2018 4:22	66.2	70.6	51.1
13/5/2018 4:27	61.4	65.5	48.3
13/5/2018 4:32	60.8	66.0	48.5
13/5/2018 4:37	62.3	66.1	49.6
13/5/2018 4:42	54.1	56.8	49.8
13/5/2018 4:47	61.4	63.9	51.1
13/5/2018 4:52	62.2	65.4	51.1
13/5/2018 4:57	57.0	61.2	50.4
13/5/2018 5:02	58.5	62.4	51.9
13/5/2018 5:07	61.2	65.2	51.4
13/5/2018 5:12	59.5	61.8	55.3
13/5/2018 5:17	62.5	65.4	54.3
13/5/2018 5:22	59.5	61.4	56.3
13/5/2018 5:27	58.6	61.3	53.4
13/5/2018 5:32	53.5	55.5	50.1
13/5/2018 5:37	55.5	57.2	50.5
13/5/2018 5:42	58.0	60.6	48.4
13/5/2018 5:47	59.0	59.6	47.5
13/5/2018 5:52	52.3	54.7	46.4
13/5/2018 5:57	56.0	56.9	48.2
13/5/2018 6:02	50.8	53.8	47.0
13/5/2018 6:07	56.2	59.5	48.4
13/5/2018 6:12	56.5	58.4	48.9
13/5/2018 6:17	65.3	69.9	49.7
13/5/2018 6:22	59.7	64.7	48.6
13/5/2018 6:27	54.1	55.8	47.6
13/5/2018 6:32	52.2	54.5	47.7
13/5/2018 6:37	56.0	60.3	48.1
13/5/2018 6:42	60.1	65.4	48.3
13/5/2018 6:47	58.9	62.5	48.4
13/5/2018 6:52	61.5	66.4	51.2
13/5/2018 6:57	54.6	57.7	49.6

Measured Noise Levels (dB(A)) at NMS-CA-3 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
13/5/2018 23:00	60.4	65.0	50.0
13/5/2018 23:05	58.7	61.4	51.2
13/5/2018 23:10	62.4	67.0	50.3
13/5/2018 23:15	61.9	65.7	51.9
13/5/2018 23:20	59.0	62.5	49.7
13/5/2018 23:25	59.1	61.2	50.0
13/5/2018 23:30	59.8	64.2	48.7
13/5/2018 23:35	62.1	64.8	50.3
13/5/2018 23:40	61.8	66.3	49.4
13/5/2018 23:45	65.3	67.2	48.5
13/5/2018 23:50	61.7	66.3	50.3
13/5/2018 23:55	59.8	64.1	49.1
14/5/2018 0:00	63.5	67.8	51.9
14/5/2018 0:05	59.4	62.7	49.3
14/5/2018 0:10	63.2	67.1	51.9
14/5/2018 0:15	63.6	68.5	49.1
14/5/2018 0:20	63.1	68.4	48.5
14/5/2018 0:25	61.5	66.3	48.9
14/5/2018 0:30	62.4	64.7	47.2
14/5/2018 0:35	63.6	68.5	47.6
14/5/2018 0:40	65.7	70.3	47.8
14/5/2018 0:45	60.0	64.7	47.1
14/5/2018 0:50	61.5	66.8	46.6
14/5/2018 0:55	59.5	63.5	47.0
14/5/2018 1:00	62.1	67.0	47.2
14/5/2018 1:05	61.0	65.2	48.3
14/5/2018 1:10	60.5	65.7	48.1
14/5/2018 1:15	61.8	67.2	48.7
14/5/2018 1:20	63.2	68.0	49.8
14/5/2018 1:25	61.7	66.1	47.3
14/5/2018 1:30	59.5	64.1	45.9
14/5/2018 1:35	55.7	59.0	45.5
14/5/2018 1:40	50.1	52.8	46.2
14/5/2018 1:45	49.2	51.8	46.2
14/5/2018 1:50	63.9	69.5	47.1
14/5/2018 1:55	59.2	63.9	46.6
14/5/2018 2:00	58.0	61.9	47.0
14/5/2018 2:05	56.2	58.9	46.6
14/5/2018 2:10	58.0	59.6	45.9
14/5/2018 2:15	50.0	51.5	46.2
14/5/2018 2:20	46.6	47.4	44.6
14/5/2018 2:25	55.4	58.0	46.3
14/5/2018 2:30	56.1	60.4	49.1
14/5/2018 2:35	54.5	57.2	47.0
14/5/2018 2:40	55.0	52.8	45.2
14/5/2018 2:45	58.7	59.6	45.8
14/5/2018 2:50	47.3	49.1	45.0
14/5/2018 2:55	57.1	60.1	46.0
14/5/2018 3:00	51.4	53.9	46.0
14/5/2018 3:05	48.2	50.1	45.8
14/5/2018 3:10	49.4	51.1	45.7
14/5/2018 3:15	48.4	50.1	45.6
14/5/2018 3:20	49.7	52.0	45.3
14/5/2018 3:25	52.1	53.8	47.1

Measured Noise Levels (dB(A)) at NMS-CA-3 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
14/5/2018 3:30	57.5	60.2	45.2
14/5/2018 3:35	47.1	48.0	45.6
14/5/2018 3:40	47.9	48.8	45.7
14/5/2018 3:45	47.0	48.6	45.5
14/5/2018 3:50	57.4	62.3	45.5
14/5/2018 3:55	47.4	48.8	45.6
14/5/2018 4:00	47.9	49.0	45.8
14/5/2018 4:05	49.6	52.2	46.8
14/5/2018 4:10	49.5	51.8	47.0
14/5/2018 4:15	49.9	52.3	47.2
14/5/2018 4:20	59.6	58.6	47.3
14/5/2018 4:25	52.1	55.4	47.9
14/5/2018 4:30	52.1	53.8	48.6
14/5/2018 4:35	51.2	53.4	48.5
14/5/2018 4:40	51.3	53.6	48.4
14/5/2018 4:45	58.1	60.0	48.9
14/5/2018 4:50	53.7	56.6	48.4
14/5/2018 4:55	51.1	54.0	47.1
14/5/2018 5:00	52.6	55.4	46.8
14/5/2018 5:05	61.7	64.0	48.8
14/5/2018 5:10	50.4	51.6	48.8
14/5/2018 5:15	61.0	61.9	51.3
14/5/2018 5:20	50.9	52.9	48.4
14/5/2018 5:25	50.1	52.1	47.1
14/5/2018 5:30	52.2	52.0	47.1
14/5/2018 5:35	49.9	51.2	46.3
14/5/2018 5:40	52.7	55.1	46.0
14/5/2018 5:45	56.6	57.7	45.9
14/5/2018 5:50	54.1	55.2	47.0
14/5/2018 5:55	58.5	61.9	46.6
14/5/2018 6:00	49.4	52.6	45.9
14/5/2018 6:05	55.3	55.5	48.7
14/5/2018 6:10	58.1	62.1	49.5
14/5/2018 6:15	51.3	53.9	47.8
14/5/2018 6:20	57.1	61.8	47.2
14/5/2018 6:25	58.5	61.8	49.6
14/5/2018 6:30	56.4	58.9	48.7
14/5/2018 6:35	55.3	58.2	48.9
14/5/2018 6:40	59.1	63.6	50.7
14/5/2018 6:45	55.9	59.1	49.5
14/5/2018 6:50	57.5	59.9	50.2
14/5/2018 6:55	59.8	63.9	52.3

Measured Noise Levels (dB(A)) at NMS-CA-3 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
14/5/2018 23:00	60.7	64.5	51.8
14/5/2018 23:05	54.0	56.4	50.0
14/5/2018 23:10	56.7	59.1	50.4
14/5/2018 23:15	61.6	65.4	50.9
14/5/2018 23:20	56.9	58.5	49.9
14/5/2018 23:25	59.4	61.6	48.5
14/5/2018 23:30	58.5	62.3	49.1
14/5/2018 23:35	56.4	58.7	50.2
14/5/2018 23:40	61.6	65.6	48.5
14/5/2018 23:45	58.1	60.7	50.6
14/5/2018 23:50	58.1	59.1	50.3
14/5/2018 23:55	57.6	59.9	49.6
15/5/2018 0:00	59.1	63.3	49.7
15/5/2018 0:05	57.2	59.9	48.5
15/5/2018 0:10	60.9	62.9	48.9
15/5/2018 0:15	56.6	60.5	48.3
15/5/2018 0:20	57.3	58.8	48.1
15/5/2018 0:25	56.2	56.6	48.5
15/5/2018 0:30	59.1	61.2	49.1
15/5/2018 0:35	55.1	53.5	47.2
15/5/2018 0:40	57.6	62.0	48.8
15/5/2018 0:45	51.2	53.8	46.4
15/5/2018 0:50	49.2	52.2	46.2
15/5/2018 0:55	55.7	58.0	48.8
15/5/2018 1:00	52.4	54.8	48.7
15/5/2018 1:05	49.6	52.5	45.8
15/5/2018 1:10	54.7	57.0	50.8
15/5/2018 1:15	54.3	56.8	50.4
15/5/2018 1:20	54.2	56.8	50.0
15/5/2018 1:25	52.2	54.4	48.9
15/5/2018 1:30	52.3	54.9	47.9
15/5/2018 1:35	53.3	56.4	46.2
15/5/2018 1:40	54.7	57.2	50.4
15/5/2018 1:45	50.6	53.9	45.4
15/5/2018 1:50	48.6	51.2	45.2
15/5/2018 1:55	48.7	52.1	44.9
15/5/2018 2:00	47.2	49.7	44.6
15/5/2018 2:05	47.4	50.0	44.5
15/5/2018 2:10	51.1	54.2	46.3
15/5/2018 2:15	53.0	55.4	48.9
15/5/2018 2:20	53.5	55.9	49.0
15/5/2018 2:25	52.2	54.9	46.8
15/5/2018 2:30	53.3	56.0	48.6
15/5/2018 2:35	53.6	56.1	49.5
15/5/2018 2:40	53.3	56.4	46.0
15/5/2018 2:45	56.8	59.6	51.7
15/5/2018 2:50	56.7	59.4	50.8
15/5/2018 2:55	54.8	57.7	49.2
15/5/2018 3:00	52.3	54.8	47.7
15/5/2018 3:05	52.4	54.8	48.5
15/5/2018 3:10	52.9	55.4	48.4
15/5/2018 3:15	52.8	55.3	48.9
15/5/2018 3:20	53.0	55.4	48.6
15/5/2018 3:25	52.9	55.6	48.5

Measured Noise Levels (dB(A)) at NMS-CA-3 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
15/5/2018 3:30	52.8	55.9	45.6
15/5/2018 3:35	51.2	53.2	47.1
15/5/2018 3:40	50.2	52.0	47.5
15/5/2018 3:45	53.2	56.0	47.4
15/5/2018 3:50	53.1	55.3	49.4
15/5/2018 3:55	56.1	57.7	50.4
15/5/2018 4:00	52.0	55.3	45.7
15/5/2018 4:05	48.6	51.0	44.9
15/5/2018 4:10	54.0	57.6	46.0
15/5/2018 4:15	53.0	57.3	45.3
15/5/2018 4:20	51.0	55.7	45.1
15/5/2018 4:25	52.1	55.8	45.1
15/5/2018 4:30	49.4	51.8	45.4
15/5/2018 4:35	51.3	54.5	45.7
15/5/2018 4:40	49.6	52.5	45.7
15/5/2018 4:45	54.4	57.2	49.0
15/5/2018 4:50	55.6	57.8	51.8
15/5/2018 4:55	56.6	58.4	53.7
15/5/2018 5:00	55.7	57.6	52.7
15/5/2018 5:05	54.5	57.1	49.0
15/5/2018 5:10	54.6	57.6	49.1
15/5/2018 5:15	51.5	54.0	47.9
15/5/2018 5:20	52.4	56.0	46.1
15/5/2018 5:25	50.6	53.5	46.6
15/5/2018 5:30	52.3	53.8	45.6
15/5/2018 5:35	52.2	54.8	46.0
15/5/2018 5:40	50.5	52.4	46.2
15/5/2018 5:45	55.1	56.3	45.6
15/5/2018 5:50	53.9	55.4	45.5
15/5/2018 5:55	58.0	59.7	46.3
15/5/2018 6:00	52.8	55.6	48.4
15/5/2018 6:05	53.7	55.4	48.5
15/5/2018 6:10	56.4	59.0	49.1
15/5/2018 6:15	57.3	58.8	49.7
15/5/2018 6:20	54.4	55.8	48.9
15/5/2018 6:25	57.8	62.0	49.8
15/5/2018 6:30	57.1	59.0	49.7
15/5/2018 6:35	55.4	58.7	49.7
15/5/2018 6:40	58.5	63.3	49.6
15/5/2018 6:45	59.3	62.2	50.7
15/5/2018 6:50	59.4	61.8	51.8
15/5/2018 6:55	59.6	63.4	53.0

Measured Noise Levels (dB(A)) at NMS-CA-3 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
15/5/2018 23:00	62.7	67.2	51.2
15/5/2018 23:05	59.6	62.8	49.5
15/5/2018 23:10	61.4	66.0	51.4
15/5/2018 23:15	64.9	67.8	49.1
15/5/2018 23:20	58.0	62.8	48.4
15/5/2018 23:25	59.0	63.2	49.6
15/5/2018 23:30	57.2	60.2	48.1
15/5/2018 23:35	62.5	67.0	52.4
15/5/2018 23:40	61.3	64.3	49.8
15/5/2018 23:45	65.8	70.4	50.2
15/5/2018 23:50	61.9	66.4	50.3
15/5/2018 23:55	62.4	66.7	53.1
16/5/2018 0:00	59.4	63.7	49.7
16/5/2018 0:05	61.2	66.0	49.2
16/5/2018 0:10	63.9	68.4	50.5
16/5/2018 0:15	61.5	66.0	49.0
16/5/2018 0:20	64.0	68.8	49.9
16/5/2018 0:25	64.3	69.2	48.0
16/5/2018 0:30	63.7	68.5	47.5
16/5/2018 0:35	60.4	65.3	48.2
16/5/2018 0:40	61.0	65.7	49.9
16/5/2018 0:45	59.3	64.0	47.6
16/5/2018 0:50	62.6	66.9	47.3
16/5/2018 0:55	61.0	64.4	47.2
16/5/2018 1:00	61.4	66.3	48.1
16/5/2018 1:05	61.9	66.7	48.0
16/5/2018 1:10	60.4	64.4	47.1
16/5/2018 1:15	63.7	68.1	48.7
16/5/2018 1:20	60.4	65.0	47.7
16/5/2018 1:25	60.7	65.0	46.7
16/5/2018 1:30	56.2	57.8	46.5
16/5/2018 1:35	49.9	52.4	46.3
16/5/2018 1:40	53.5	57.0	47.0
16/5/2018 1:45	49.0	51.6	45.9
16/5/2018 1:50	53.7	57.8	46.6
16/5/2018 1:55	51.6	54.7	47.0
16/5/2018 2:00	50.0	53.5	45.4
16/5/2018 2:05	51.1	54.6	45.8
16/5/2018 2:10	51.7	54.8	46.2
16/5/2018 2:15	51.6	54.1	47.2
16/5/2018 2:20	52.8	56.9	45.9
16/5/2018 2:25	46.3	47.0	45.5
16/5/2018 2:30	47.9	51.2	45.1
16/5/2018 2:35	49.4	52.1	45.2
16/5/2018 2:40	49.6	53.0	45.2
16/5/2018 2:45	47.6	50.6	45.0
16/5/2018 2:50	45.8	47.0	44.5
16/5/2018 2:55	46.7	48.7	45.1
16/5/2018 3:00	49.6	53.1	45.0
16/5/2018 3:05	46.4	48.3	44.7
16/5/2018 3:10	51.3	54.4	45.7
16/5/2018 3:15	48.8	50.3	46.1
16/5/2018 3:20	51.3	54.4	46.9
16/5/2018 3:25	51.6	55.5	45.3

Measured Noise Levels (dB(A)) at NMS-CA-3 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
16/5/2018 3:30	52.8	57.5	45.4
16/5/2018 3:35	50.8	54.3	46.0
16/5/2018 3:40	55.8	59.5	48.3
16/5/2018 3:45	55.9	59.6	48.0
16/5/2018 3:50	53.4	57.0	47.8
16/5/2018 3:55	50.7	53.7	46.2
16/5/2018 4:00	52.2	56.4	46.1
16/5/2018 4:05	53.8	57.7	45.9
16/5/2018 4:10	52.5	55.9	45.9
16/5/2018 4:15	52.1	55.0	46.7
16/5/2018 4:20	53.1	55.9	49.1
16/5/2018 4:25	55.8	59.8	49.7
16/5/2018 4:30	51.2	52.9	48.9
16/5/2018 4:35	54.9	57.9	49.8
16/5/2018 4:40	52.0	54.0	48.6
16/5/2018 4:45	51.8	54.3	47.4
16/5/2018 4:50	50.6	52.3	46.3
16/5/2018 4:55	52.5	55.0	46.4
16/5/2018 5:00	50.7	53.1	47.4
16/5/2018 5:05	51.0	53.9	47.7
16/5/2018 5:10	54.9	59.2	47.1
16/5/2018 5:15	51.0	53.6	48.0
16/5/2018 5:20	50.2	52.9	47.0
16/5/2018 5:25	49.1	51.0	47.1
16/5/2018 5:30	51.6	54.6	47.7
16/5/2018 5:35	53.5	55.2	47.0
16/5/2018 5:40	50.8	53.6	46.8
16/5/2018 5:45	56.9	61.4	47.6
16/5/2018 5:50	54.5	57.9	47.2
16/5/2018 5:55	56.2	59.6	48.3
16/5/2018 6:00	54.9	56.4	48.3
16/5/2018 6:05	54.5	56.9	49.1
16/5/2018 6:10	56.1	59.1	48.8
16/5/2018 6:15	57.7	57.7	48.7
16/5/2018 6:20	57.7	60.4	48.5
16/5/2018 6:25	58.7	62.9	49.6
16/5/2018 6:30	53.5	56.5	49.4
16/5/2018 6:35	55.1	57.3	50.0
16/5/2018 6:40	60.9	63.2	50.9
16/5/2018 6:45	56.1	59.0	50.1
16/5/2018 6:50	60.0	64.0	51.8
16/5/2018 6:55	58.6	62.9	51.1

Measured Noise Levels (dB(A)) at NMS-CA-3 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
16/5/2018 23:01	61.4	66.3	51.7
16/5/2018 23:06	59.5	64.4	49.5
16/5/2018 23:11	64.6	68.8	52.1
16/5/2018 23:16	57.4	60.8	50.5
16/5/2018 23:21	60.5	65.4	50.7
16/5/2018 23:26	58.6	61.5	49.4
16/5/2018 23:31	61.0	65.3	51.0
16/5/2018 23:36	57.7	60.9	50.5
16/5/2018 23:41	58.0	62.2	50.1
16/5/2018 23:46	59.7	61.8	50.4
16/5/2018 23:51	60.5	65.0	51.9
16/5/2018 23:56	61.1	65.4	51.3
17/5/2018 0:01	59.9	63.2	50.6
17/5/2018 0:06	58.8	62.6	51.2
17/5/2018 0:11	60.4	64.3	51.2
17/5/2018 0:16	61.7	66.4	50.0
17/5/2018 0:21	64.6	68.2	51.2
17/5/2018 0:26	64.4	68.9	51.4
17/5/2018 0:31	62.1	67.2	49.1
17/5/2018 0:36	53.5	53.8	47.9
17/5/2018 0:41	61.5	66.3	49.5
17/5/2018 0:46	62.4	66.9	48.2
17/5/2018 0:51	61.1	64.3	48.0
17/5/2018 0:56	62.5	66.4	50.7
17/5/2018 1:01	62.6	67.5	47.9
17/5/2018 1:06	62.1	66.7	48.4
17/5/2018 1:11	61.0	65.9	48.2
17/5/2018 1:16	59.1	63.9	48.1
17/5/2018 1:21	62.1	67.1	48.9
17/5/2018 1:26	58.9	62.2	48.2
17/5/2018 1:31	54.2	58.6	46.9
17/5/2018 1:36	57.2	61.5	46.0
17/5/2018 1:41	57.6	61.6	46.2
17/5/2018 1:46	59.7	63.1	45.3
17/5/2018 1:51	62.2	63.3	45.4
17/5/2018 1:56	53.3	49.7	44.6
17/5/2018 2:01	52.2	53.8	45.3
17/5/2018 2:06	56.9	60.9	45.6
17/5/2018 2:11	55.8	59.4	46.1
17/5/2018 2:16	48.5	51.3	45.6
17/5/2018 2:21	54.9	59.8	45.9
17/5/2018 2:26	60.9	65.1	46.2
17/5/2018 2:31	58.2	61.0	45.2
17/5/2018 2:36	57.4	58.9	45.6
17/5/2018 2:41	56.7	60.1	45.1
17/5/2018 2:46	59.4	64.1	45.8
17/5/2018 2:51	56.6	59.1	45.6
17/5/2018 2:56	53.0	57.0	45.3
17/5/2018 3:01	56.9	60.4	46.2
17/5/2018 3:06	47.6	48.6	45.2
17/5/2018 3:11	54.5	48.7	45.2
17/5/2018 3:16	56.6	57.5	45.6
17/5/2018 3:21	57.9	60.0	45.0
17/5/2018 3:26	55.5	58.8	45.4

Measured Noise Levels (dB(A)) at NMS-CA-3 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
17/5/2018 3:31	58.7	62.3	45.8
17/5/2018 3:36	62.0	66.6	46.7
17/5/2018 3:41	48.6	51.4	45.5
17/5/2018 3:46	61.9	66.3	46.2
17/5/2018 3:51	59.4	60.8	46.4
17/5/2018 3:56	58.5	60.6	46.3
17/5/2018 4:01	59.1	62.1	46.4
17/5/2018 4:06	56.0	58.1	45.4
17/5/2018 4:11	48.0	50.2	45.2
17/5/2018 4:16	64.1	68.5	48.2
17/5/2018 4:21	63.6	65.3	47.7
17/5/2018 4:26	49.9	51.5	47.9
17/5/2018 4:31	51.6	54.5	48.1
17/5/2018 4:36	51.1	53.6	48.3
17/5/2018 4:41	50.8	53.2	48.0
17/5/2018 4:46	50.9	53.7	48.1
17/5/2018 4:51	50.0	52.5	47.5
17/5/2018 4:56	49.6	51.5	47.2
17/5/2018 5:01	49.4	52.4	46.8
17/5/2018 5:06	53.7	54.5	47.7
17/5/2018 5:11	50.6	52.7	48.0
17/5/2018 5:16	50.7	52.8	47.2
17/5/2018 5:21	51.3	53.8	48.0
17/5/2018 5:26	49.9	52.0	47.7
17/5/2018 5:31	54.7	58.2	47.6
17/5/2018 5:36	54.3	55.0	48.9
17/5/2018 5:41	53.3	56.9	47.7
17/5/2018 5:46	56.7	58.0	48.3
17/5/2018 5:51	55.2	58.7	47.3
17/5/2018 5:56	56.8	58.9	48.6
17/5/2018 6:01	51.2	53.3	47.3
17/5/2018 6:06	54.2	57.0	49.4
17/5/2018 6:11	58.2	60.8	48.9
17/5/2018 6:16	56.4	58.5	49.6
17/5/2018 6:21	56.1	58.7	48.8
17/5/2018 6:26	57.8	60.4	49.6
17/5/2018 6:31	55.8	57.9	49.1
17/5/2018 6:36	53.9	56.3	50.4
17/5/2018 6:41	58.7	62.2	50.3
17/5/2018 6:46	57.7	60.0	50.4
17/5/2018 6:51	57.7	59.2	51.4
17/5/2018 6:56	59.8	64.3	52.3

Measured Noise Levels (dB(A)) at NMS-CA-3 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
17/5/2018 23:01	60.5	65.4	52.5
17/5/2018 23:06	57.7	59.3	52.9
17/5/2018 23:11	60.6	64.8	53.4
17/5/2018 23:16	56.6	59.0	50.0
17/5/2018 23:21	58.8	59.8	50.2
17/5/2018 23:26	67.2	63.8	48.7
17/5/2018 23:31	61.1	63.1	50.0
17/5/2018 23:36	55.8	57.5	50.3
17/5/2018 23:41	57.7	62.2	49.6
17/5/2018 23:46	58.1	60.5	48.4
17/5/2018 23:51	57.9	59.3	49.1
17/5/2018 23:56	61.9	66.8	49.7
18/5/2018 0:01	57.0	59.4	48.3
18/5/2018 0:06	59.3	60.7	48.5
18/5/2018 0:11	59.2	64.0	48.9
18/5/2018 0:16	60.2	59.5	47.7
18/5/2018 0:21	59.1	62.9	47.7
18/5/2018 0:26	57.7	62.1	49.0
18/5/2018 0:31	52.7	55.2	47.5
18/5/2018 0:36	59.5	63.5	48.2
18/5/2018 0:41	53.4	56.9	46.7
18/5/2018 0:46	49.5	52.7	46.7
18/5/2018 0:51	49.2	51.8	46.1
18/5/2018 0:56	54.6	56.5	46.2
18/5/2018 1:01	51.1	53.3	46.5
18/5/2018 1:06	52.6	54.9	47.3
18/5/2018 1:11	54.2	56.7	47.5
18/5/2018 1:16	49.0	51.8	46.5
18/5/2018 1:21	49.7	52.5	46.7
18/5/2018 1:26	55.3	59.5	46.6
18/5/2018 1:31	49.2	51.7	46.5
18/5/2018 1:36	48.2	51.0	45.7
18/5/2018 1:41	55.2	57.3	47.2
18/5/2018 1:46	49.5	51.6	46.6
18/5/2018 1:51	48.5	51.1	45.9
18/5/2018 1:56	51.9	53.8	46.1
18/5/2018 2:01	47.7	49.4	45.8
18/5/2018 2:06	51.0	55.1	45.6
18/5/2018 2:11	49.2	51.4	45.9
18/5/2018 2:16	49.4	52.2	46.2
18/5/2018 2:21	47.6	48.7	45.6
18/5/2018 2:26	47.8	49.8	45.9
18/5/2018 2:31	47.8	49.2	45.9
18/5/2018 2:36	47.7	47.9	45.6
18/5/2018 2:41	48.5	49.8	45.4
18/5/2018 2:46	48.9	51.1	45.9
18/5/2018 2:51	47.7	49.0	45.3
18/5/2018 2:56	47.3	49.1	45.4
18/5/2018 3:01	48.9	52.1	45.4
18/5/2018 3:06	47.8	50.5	45.1
18/5/2018 3:11	47.9	48.1	45.4
18/5/2018 3:16	48.9	52.4	45.2
18/5/2018 3:21	46.1	46.9	44.8
18/5/2018 3:26	46.6	49.2	44.7

Measured Noise Levels (dB(A)) at NMS-CA-3 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
18/5/2018 3:31	46.0	46.8	44.9
18/5/2018 3:36	46.4	48.1	44.7
18/5/2018 3:41	49.7	51.9	45.5
18/5/2018 3:46	47.6	48.9	45.8
18/5/2018 3:51	46.6	47.8	45.4
18/5/2018 3:56	50.3	53.8	45.7
18/5/2018 4:01	48.4	50.4	45.4
18/5/2018 4:06	46.2	47.2	45.1
18/5/2018 4:11	47.9	49.7	45.4
18/5/2018 4:16	47.5	48.2	45.4
18/5/2018 4:21	49.0	51.8	46.2
18/5/2018 4:26	48.2	50.3	46.2
18/5/2018 4:31	47.7	48.7	46.2
18/5/2018 4:36	48.6	49.9	46.6
18/5/2018 4:41	49.8	52.5	46.6
18/5/2018 4:46	49.8	52.6	46.6
18/5/2018 4:51	47.3	48.3	45.8
18/5/2018 4:56	48.8	51.1	46.1
18/5/2018 5:01	48.6	50.2	45.8
18/5/2018 5:06	49.4	51.7	46.4
18/5/2018 5:11	49.7	52.0	46.9
18/5/2018 5:16	54.4	56.3	46.9
18/5/2018 5:21	55.4	55.9	47.7
18/5/2018 5:26	50.5	53.1	47.1
18/5/2018 5:31	51.7	54.2	47.1
18/5/2018 5:36	53.5	56.4	46.5
18/5/2018 5:41	50.5	53.5	46.7
18/5/2018 5:46	56.8	59.9	46.0
18/5/2018 5:51	54.4	57.5	46.4
18/5/2018 5:56	56.9	58.9	47.8
18/5/2018 6:01	51.8	54.8	47.7
18/5/2018 6:06	54.8	56.2	50.5
18/5/2018 6:11	57.0	58.1	48.7
18/5/2018 6:16	57.4	60.1	49.3
18/5/2018 6:21	53.2	54.8	48.0
18/5/2018 6:26	58.8	62.0	50.5
18/5/2018 6:31	51.1	53.4	48.3
18/5/2018 6:36	56.1	59.5	49.0
18/5/2018 6:41	59.0	64.0	50.1
18/5/2018 6:46	58.6	62.4	49.5
18/5/2018 6:51	54.9	56.5	51.3
18/5/2018 6:56	59.6	62.7	51.9
<b>Average</b>	<b>63.6</b>		
<b>Min</b>	<b>45.8</b>		
<b>Max</b>	<b>63.6</b>		



Measured Noise Levels at NMS-CA-4 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
4/5/2018 12:31	64.8	68.4	57.2	63.5
4/5/2018 12:36	61.2	64.5	56.5	
4/5/2018 12:41	63.1	67.3	57.2	
4/5/2018 12:46	63.4	66.7	57.0	
4/5/2018 12:51	64.4	67.6	57.6	
4/5/2018 12:56	63.2	66.3	58.8	63.6
4/5/2018 13:01	63.7	67.5	57.6	
4/5/2018 13:06	62.3	65.8	57.1	
4/5/2018 13:11	65.1	67.7	58.7	
4/5/2018 13:16	61.9	64.8	57.7	
4/5/2018 13:21	63.7	66.8	58.8	63.5
4/5/2018 13:26	64.1	67.5	58.2	
4/5/2018 13:31	61.6	64.7	57.2	
4/5/2018 13:36	62.2	65.2	57.5	
4/5/2018 13:41	62.8	65.8	57.5	
4/5/2018 13:46	64.3	67.6	58.4	64.6
4/5/2018 13:51	64.4	67.6	57.8	
4/5/2018 13:56	64.9	68.4	58.0	
4/5/2018 14:01	66.7	69.0	62.1	
4/5/2018 14:06	65.2	67.7	60.3	
4/5/2018 14:11	64.4	67.8	56.5	65.5
4/5/2018 14:16	63.8	66.8	58.1	
4/5/2018 14:21	63.2	66.1	58.1	
4/5/2018 14:26	63.2	66.2	58.1	
4/5/2018 14:31	64.6	66.9	60.9	
4/5/2018 14:36	61.5	63.7	57.4	63.7
4/5/2018 14:41	63.3	65.9	58.1	
4/5/2018 14:46	68.8	73.3	60.2	
4/5/2018 14:51	65.0	68.3	60.1	
4/5/2018 14:56	66.1	68.9	61.0	
4/5/2018 15:01	65.1	68.1	60.6	65.6
4/5/2018 15:06	62.8	65.4	58.3	
4/5/2018 15:11	63.3	66.2	58.8	
4/5/2018 15:16	62.0	64.7	58.0	
4/5/2018 15:21	62.7	65.8	58.8	
4/5/2018 15:26	65.1	68.3	59.0	65.0
4/5/2018 15:31	65.4	67.8	62.0	
4/5/2018 15:36	68.3	71.3	62.9	
4/5/2018 15:41	64.4	67.7	58.7	
4/5/2018 15:46	64.1	66.8	58.3	
4/5/2018 15:51	64.5	67.2	60.9	64.3
4/5/2018 15:56	65.2	67.6	62.0	
4/5/2018 16:01	63.5	66.1	58.3	
4/5/2018 16:06	65.3	67.7	61.9	
4/5/2018 16:11	67.0	69.6	62.1	
4/5/2018 16:16	65.3	67.8	62.2	63.1
4/5/2018 16:21	65.2	68.4	60.1	
4/5/2018 16:26	61.8	64.0	58.5	
4/5/2018 16:31	63.2	66.4	58.1	
4/5/2018 16:36	63.7	66.2	59.5	
4/5/2018 16:41	65.0	68.0	61.0	63.7
4/5/2018 16:46	64.2	67.0	60.9	
4/5/2018 16:51	65.2	68.1	61.3	
4/5/2018 16:56	64.2	66.8	60.7	

Measured Noise Levels at NMS-CA-4 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
4/5/2018 17:01	65.1	67.6	60.9	64.1
4/5/2018 17:06	64.8	68.8	57.6	
4/5/2018 17:11	63.5	67.0	56.3	
4/5/2018 17:16	64.6	68.0	57.0	
4/5/2018 17:21	63.1	66.0	57.7	
4/5/2018 17:26	63.3	66.8	56.9	62.6
4/5/2018 17:31	63.1	65.7	57.2	
4/5/2018 17:36	63.6	67.5	56.0	
4/5/2018 17:41	61.8	65.3	56.3	
4/5/2018 17:46	61.5	65.1	55.5	
4/5/2018 17:51	63.4	65.8	56.7	63.5
4/5/2018 17:56	61.6	65.7	53.9	
4/5/2018 18:01	63.3	66.9	55.0	
4/5/2018 18:06	62.7	66.7	55.0	
4/5/2018 18:11	61.4	65.1	54.0	
4/5/2018 18:16	63.4	65.4	54.0	62.6
4/5/2018 18:21	65.5	69.6	54.5	
4/5/2018 18:26	63.7	67.4	56.9	
4/5/2018 18:31	60.5	63.7	54.2	
4/5/2018 18:36	62.2	66.1	54.4	
4/5/2018 18:41	63.8	67.9	54.4	60.9
4/5/2018 18:46	63.8	68.1	54.1	
4/5/2018 18:51	62.0	65.9	55.7	
4/5/2018 18:56	62.4	66.4	55.5	
5/5/2018 7:01	56.5	59.7	50.9	
5/5/2018 7:06	58.5	61.5	54.3	61.9
5/5/2018 7:11	60.5	65.0	52.8	
5/5/2018 7:16	56.8	59.3	52.3	
5/5/2018 7:21	64.2	69.0	53.2	
5/5/2018 7:26	62.9	67.1	53.7	
5/5/2018 7:31	59.1	62.7	53.9	62.6
5/5/2018 7:36	63.1	66.4	55.0	
5/5/2018 7:41	63.8	67.5	56.0	
5/5/2018 7:46	62.7	66.5	55.4	
5/5/2018 7:51	62.1	65.7	55.4	
5/5/2018 7:56	57.1	59.6	54.6	63.1
5/5/2018 8:01	61.8	65.4	55.7	
5/5/2018 8:06	60.4	63.6	55.4	
5/5/2018 8:11	62.3	66.1	55.8	
5/5/2018 8:16	63.4	66.9	57.3	
5/5/2018 8:21	64.1	67.7	57.4	63.7
5/5/2018 8:26	62.5	65.9	56.5	
5/5/2018 8:31	65.1	68.7	58.1	
5/5/2018 8:36	62.9	66.4	57.2	
5/5/2018 8:41	63.5	67.7	56.8	
5/5/2018 8:46	62.5	66.4	55.4	63.7
5/5/2018 8:51	62.7	65.9	56.4	
5/5/2018 8:56	60.8	63.6	56.8	
5/5/2018 9:01	63.9	67.3	58.7	
5/5/2018 9:06	63.7	66.9	59.0	
5/5/2018 9:11	64.8	67.6	61.0	63.7
5/5/2018 9:16	63.1	65.9	58.9	
5/5/2018 9:21	62.4	65.2	58.7	
5/5/2018 9:26	63.9	66.6	59.6	

Measured Noise Levels at NMS-CA-4 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
5/5/2018 9:31	64.8	68.9	57.9	64.5
5/5/2018 9:36	64.9	68.4	57.8	
5/5/2018 9:41	65.9	70.1	57.6	
5/5/2018 9:46	63.7	67.1	57.7	
5/5/2018 9:51	63.9	67.5	56.7	
5/5/2018 9:56	63.4	66.8	57.6	
5/5/2018 10:01	67.0	69.4	58.4	63.6
5/5/2018 10:06	61.7	65.2	56.1	
5/5/2018 10:11	61.5	65.0	55.7	
5/5/2018 10:16	63.2	66.4	57.1	
5/5/2018 10:21	62.5	65.6	56.9	
5/5/2018 10:26	63.1	66.0	57.6	
5/5/2018 10:31	63.1	66.3	56.4	63.0
5/5/2018 10:36	60.5	62.9	57.2	
5/5/2018 10:41	64.1	67.8	57.3	
5/5/2018 10:46	63.1	65.9	57.6	
5/5/2018 10:51	64.0	67.4	57.3	
5/5/2018 10:56	62.2	65.2	57.9	
5/5/2018 11:01	62.6	66.1	57.3	63.0
5/5/2018 11:06	63.0	66.8	56.1	
5/5/2018 11:11	62.2	65.6	56.6	
5/5/2018 11:16	63.6	67.2	57.9	
5/5/2018 11:21	63.3	66.9	57.2	
5/5/2018 11:26	63.1	65.8	59.1	
5/5/2018 11:31	63.5	67.0	57.0	62.9
5/5/2018 11:36	63.0	66.1	57.3	
5/5/2018 11:41	62.6	66.3	55.7	
5/5/2018 11:46	62.4	65.8	56.4	
5/5/2018 11:51	63.3	66.5	56.1	
5/5/2018 11:56	62.4	66.2	56.0	
5/5/2018 12:01	64.2	67.8	56.2	62.8
5/5/2018 12:06	63.1	66.6	55.7	
5/5/2018 12:11	62.3	66.2	56.2	
5/5/2018 12:16	62.3	65.5	54.4	
5/5/2018 12:21	62.1	65.3	55.6	
5/5/2018 12:26	62.4	66.3	55.9	
5/5/2018 12:31	66.8	71.6	57.2	64.4
5/5/2018 12:36	63.6	67.3	55.8	
5/5/2018 12:41	62.5	66.5	55.4	
5/5/2018 12:46	62.9	66.6	56.4	
5/5/2018 12:51	64.4	67.9	56.4	
5/5/2018 12:56	64.8	68.8	56.4	
5/5/2018 13:01	66.6	69.4	55.9	63.8
5/5/2018 13:06	63.3	66.6	57.4	
5/5/2018 13:11	61.9	64.7	57.3	
5/5/2018 13:16	62.1	65.0	56.7	
5/5/2018 13:21	61.3	64.5	55.6	
5/5/2018 13:26	65.1	68.2	56.8	
5/5/2018 13:31	62.0	64.8	56.3	64.2
5/5/2018 13:36	64.6	67.8	57.8	
5/5/2018 13:41	62.3	65.7	55.6	
5/5/2018 13:46	61.5	64.5	56.9	
5/5/2018 13:51	66.4	70.8	57.5	
5/5/2018 13:56	65.7	67.7	58.2	

Measured Noise Levels at NMS-CA-4 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
5/5/2018 14:01	63.9	67.3	57.0	63.1
5/5/2018 14:06	63.3	67.2	56.8	
5/5/2018 14:11	63.8	67.6	57.8	
5/5/2018 14:16	63.0	65.7	58.0	
5/5/2018 14:21	61.8	65.1	56.5	
5/5/2018 14:26	62.7	66.1	57.8	
5/5/2018 14:31	61.4	64.0	57.5	63.4
5/5/2018 14:36	62.5	65.5	56.1	
5/5/2018 14:41	65.6	69.4	58.6	
5/5/2018 14:46	63.6	66.6	58.3	
5/5/2018 14:51	62.5	65.7	57.2	
5/5/2018 14:56	63.8	67.3	57.2	
5/5/2018 15:01	66.0	70.4	57.7	64.5
5/5/2018 15:06	63.2	66.5	58.6	
5/5/2018 15:11	64.6	67.7	59.1	
5/5/2018 15:16	64.2	67.6	58.1	
5/5/2018 15:21	64.7	68.0	56.9	
5/5/2018 15:26	63.7	67.1	57.1	
5/5/2018 15:31	64.3	67.6	57.1	62.8
5/5/2018 15:36	63.2	66.2	57.3	
5/5/2018 15:41	62.9	65.9	57.1	
5/5/2018 15:46	61.2	64.3	56.9	
5/5/2018 15:51	62.5	65.5	57.5	
5/5/2018 15:56	62.1	65.3	57.7	
5/5/2018 16:01	59.6	62.0	55.9	63.8
5/5/2018 16:06	63.0	66.2	57.7	
5/5/2018 16:11	65.2	67.7	59.4	
5/5/2018 16:16	63.9	67.3	57.6	
5/5/2018 16:21	64.7	67.5	56.5	
5/5/2018 16:26	64.5	68.5	55.6	
5/5/2018 16:31	64.6	68.2	56.0	63.7
5/5/2018 16:36	62.9	67.4	56.4	
5/5/2018 16:41	63.6	67.1	56.1	
5/5/2018 16:46	63.1	64.7	56.1	
5/5/2018 16:51	63.4	66.2	56.3	
5/5/2018 16:56	64.2	67.6	56.9	
5/5/2018 17:01	61.3	64.2	57.5	63.6
5/5/2018 17:06	64.3	68.0	57.0	
5/5/2018 17:11	64.1	67.6	55.9	
5/5/2018 17:16	60.0	63.0	55.9	
5/5/2018 17:21	63.8	67.4	57.7	
5/5/2018 17:26	65.9	69.3	57.7	
5/5/2018 17:31	67.7	71.6	57.0	64.4
5/5/2018 17:36	63.9	66.6	56.5	
5/5/2018 17:41	61.6	63.7	55.3	
5/5/2018 17:46	62.8	65.6	56.0	
5/5/2018 17:51	64.0	68.0	55.8	
5/5/2018 17:56	63.6	67.6	56.6	
5/5/2018 18:01	61.2	65.1	55.2	62.5
5/5/2018 18:06	61.0	63.7	55.7	
5/5/2018 18:11	63.6	67.3	57.1	
5/5/2018 18:16	63.3	66.3	55.2	
5/5/2018 18:21	63.3	66.8	56.6	
5/5/2018 18:26	61.5	64.2	57.1	

Measured Noise Levels at NMS-CA-4 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
5/5/2018 18:31	62.4	65.5	56.5	62.8
5/5/2018 18:36	63.4	67.4	56.1	
5/5/2018 18:41	63.4	67.3	55.1	
5/5/2018 18:46	62.3	66.1	55.0	
5/5/2018 18:51	63.1	66.8	55.2	
5/5/2018 18:56	61.8	64.9	54.8	55.5
7/5/2018 7:01	54.0	56.1	51.5	
7/5/2018 7:06	56.6	58.2	51.5	
7/5/2018 7:11	55.6	57.4	51.2	
7/5/2018 7:16	55.4	58.5	51.4	
7/5/2018 7:21	55.9	59.5	51.5	56.3
7/5/2018 7:26	55.3	58.6	52.1	
7/5/2018 7:31	56.5	59.1	52.3	
7/5/2018 7:36	59.4	59.7	53.2	
7/5/2018 7:41	54.8	57.1	51.6	
7/5/2018 7:46	55.1	57.9	50.8	58.8
7/5/2018 7:51	55.0	57.5	51.4	
7/5/2018 7:56	55.1	58.0	51.6	
7/5/2018 8:01	56.2	59.0	52.8	
7/5/2018 8:06	56.2	58.3	53.6	
7/5/2018 8:11	56.8	58.8	52.5	55.8
7/5/2018 8:16	55.1	57.2	52.4	
7/5/2018 8:21	57.8	61.6	50.9	
7/5/2018 8:26	63.6	63.0	51.8	
7/5/2018 8:31	57.3	58.7	51.7	
7/5/2018 8:36	56.0	58.2	52.4	61.0
7/5/2018 8:41	55.7	57.5	52.5	
7/5/2018 8:46	54.8	57.8	51.7	
7/5/2018 8:51	54.1	56.0	51.6	
7/5/2018 8:56	56.2	58.4	52.8	
7/5/2018 9:01	58.5	61.0	54.0	60.6
7/5/2018 9:06	58.6	61.0	54.9	
7/5/2018 9:11	57.6	60.1	53.9	
7/5/2018 9:16	58.5	61.0	53.6	
7/5/2018 9:21	66.2	60.8	53.2	
7/5/2018 9:26	58.6	60.7	54.1	60.3
7/5/2018 9:31	59.9	62.2	53.8	
7/5/2018 9:36	56.4	58.9	53.3	
7/5/2018 9:41	57.7	60.1	54.7	
7/5/2018 9:46	57.2	59.5	53.8	
7/5/2018 9:51	65.4	66.0	54.6	61.4
7/5/2018 9:56	59.6	61.8	55.3	
7/5/2018 10:01	63.2	67.4	56.0	
7/5/2018 10:06	58.1	59.8	55.3	
7/5/2018 10:11	59.5	62.5	54.7	
7/5/2018 10:16	59.1	61.4	55.6	61.4
7/5/2018 10:21	59.4	61.8	55.4	
7/5/2018 10:26	60.5	64.6	55.3	
7/5/2018 10:31	64.6	69.0	56.4	
7/5/2018 10:36	60.6	62.4	56.3	
7/5/2018 10:41	61.8	65.6	55.9	61.4
7/5/2018 10:46	60.8	65.7	55.0	
7/5/2018 10:51	58.5	60.5	55.3	
7/5/2018 10:56	58.7	60.4	55.7	

Measured Noise Levels at NMS-CA-4 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
7/5/2018 11:01	59.7	62.4	56.2	58.8
7/5/2018 11:06	58.8	60.4	55.1	
7/5/2018 11:11	57.0	59.6	53.7	
7/5/2018 11:16	58.1	60.0	54.8	
7/5/2018 11:21	58.2	60.3	55.1	
7/5/2018 11:26	60.1	62.2	55.0	57.1
7/5/2018 11:31	58.0	59.9	54.4	
7/5/2018 11:36	56.5	59.1	53.8	
7/5/2018 11:41	56.9	59.2	53.9	
7/5/2018 11:46	56.9	59.2	54.1	
7/5/2018 11:51	56.4	58.6	54.0	62.0
7/5/2018 11:56	57.5	60.2	53.2	
7/5/2018 12:01	56.7	59.0	52.9	
7/5/2018 12:06	56.2	58.5	52.6	
7/5/2018 12:11	64.9	62.4	52.1	
7/5/2018 12:16	66.6	65.0	53.2	63.0
7/5/2018 12:21	57.2	59.8	52.7	
7/5/2018 12:26	55.7	58.1	53.1	
7/5/2018 12:31	56.2	58.8	52.4	
7/5/2018 12:36	56.0	58.3	53.4	
7/5/2018 12:41	64.2	62.7	53.5	62.7
7/5/2018 12:46	62.0	64.0	53.5	
7/5/2018 12:51	54.9	57.0	52.8	
7/5/2018 12:56	68.2	72.6	54.3	
7/5/2018 13:01	57.5	59.5	54.0	
7/5/2018 13:06	58.8	61.3	54.1	62.7
7/5/2018 13:11	59.4	62.7	54.8	
7/5/2018 13:16	61.1	64.1	55.2	
7/5/2018 13:21	68.6	65.3	54.3	
7/5/2018 13:26	57.4	59.4	54.8	
7/5/2018 13:31	57.6	59.7	54.9	62.7
7/5/2018 13:36	57.5	59.6	55.0	
7/5/2018 13:41	56.7	58.4	54.5	
7/5/2018 13:46	68.7	67.0	53.8	
7/5/2018 13:51	62.2	61.7	53.5	
7/5/2018 13:56	57.9	59.5	54.7	60.9
7/5/2018 14:01	59.0	61.1	55.7	
7/5/2018 14:06	57.5	59.7	55.0	
7/5/2018 14:11	58.3	60.5	54.5	
7/5/2018 14:16	59.1	61.2	56.6	
7/5/2018 14:21	59.1	61.5	55.5	62.0
7/5/2018 14:26	65.8	66.6	55.5	
7/5/2018 14:31	57.5	59.5	54.6	
7/5/2018 14:36	59.6	61.7	54.7	
7/5/2018 14:41	62.2	65.0	56.3	
7/5/2018 14:46	60.8	64.4	55.4	59.5
7/5/2018 14:51	66.3	65.8	55.8	
7/5/2018 14:56	59.4	61.6	55.5	
7/5/2018 15:01	59.2	61.6	56.0	
7/5/2018 15:06	58.1	59.8	55.3	
7/5/2018 15:11	57.7	59.7	55.0	59.5
7/5/2018 15:16	59.4	61.1	56.0	
7/5/2018 15:21	60.6	63.4	56.4	
7/5/2018 15:26	61.1	63.8	55.3	

Measured Noise Levels at NMS-CA-4 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
7/5/2018 15:31	57.0	59.0	54.2	61.1
7/5/2018 15:36	58.0	60.3	55.4	
7/5/2018 15:41	63.0	65.1	55.5	
7/5/2018 15:46	58.5	60.5	55.5	
7/5/2018 15:51	58.8	61.4	55.4	
7/5/2018 15:56	65.0	63.8	55.5	
7/5/2018 16:01	64.4	63.2	56.2	63.5
7/5/2018 16:06	63.8	65.7	55.5	
7/5/2018 16:11	58.8	61.1	55.9	
7/5/2018 16:16	67.6	66.2	55.2	
7/5/2018 16:21	58.7	60.6	56.2	
7/5/2018 16:26	60.1	62.1	56.8	
7/5/2018 16:31	59.4	61.6	55.9	59.6
7/5/2018 16:37	59.1	61.4	55.8	
7/5/2018 16:42	60.4	61.6	56.1	
7/5/2018 16:47	59.1	61.1	56.2	
7/5/2018 16:52	60.3	63.0	55.4	
7/5/2018 16:57	58.9	61.7	54.9	
7/5/2018 17:02	58.0	60.0	54.1	57.7
7/5/2018 17:07	56.8	58.7	54.1	
7/5/2018 17:12	57.3	59.9	53.6	
7/5/2018 17:17	58.3	61.2	53.2	
7/5/2018 17:22	57.9	60.0	53.8	
7/5/2018 17:27	57.8	60.0	54.6	
7/5/2018 17:32	57.2	59.5	53.3	56.5
7/5/2018 17:37	56.2	58.5	52.6	
7/5/2018 17:42	57.5	60.2	52.2	
7/5/2018 17:47	56.7	58.8	54.1	
7/5/2018 17:52	55.7	57.9	53.0	
7/5/2018 17:57	54.9	56.8	52.3	
7/5/2018 18:02	59.8	62.7	53.9	57.8
7/5/2018 18:07	57.8	60.5	53.7	
7/5/2018 18:12	57.8	60.6	52.7	
7/5/2018 18:17	57.5	59.3	52.5	
7/5/2018 18:22	57.3	59.7	51.2	
7/5/2018 18:27	55.6	57.2	51.2	
7/5/2018 18:32	56.8	59.3	51.9	54.7
7/5/2018 18:37	54.8	58.4	50.7	
7/5/2018 18:42	53.2	55.5	51.1	
7/5/2018 18:47	53.5	57.1	49.9	
7/5/2018 18:52	55.1	58.5	50.0	
7/5/2018 18:57	53.7	57.0	49.7	
8/5/2018 7:02	59.5	61.2	57.6	60.0
8/5/2018 7:07	60.3	62.5	57.4	
8/5/2018 7:12	60.9	62.8	56.3	
8/5/2018 7:17	60.0	62.4	56.7	
8/5/2018 7:22	60.1	62.1	56.7	
8/5/2018 7:27	59.0	61.4	56.2	
8/5/2018 7:32	63.5	67.2	56.4	63.8
8/5/2018 7:37	64.0	67.2	58.8	
8/5/2018 7:42	62.8	67.2	56.7	
8/5/2018 7:47	63.0	67.0	56.7	
8/5/2018 7:52	66.5	69.9	58.2	
8/5/2018 7:57	61.4	64.1	57.4	

Measured Noise Levels at NMS-CA-4 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
8/5/2018 8:02	62.1	65.7	56.1	62.9
8/5/2018 8:07	62.0	65.1	56.4	
8/5/2018 8:12	63.2	66.6	57.3	
8/5/2018 8:17	65.3	69.5	56.7	
8/5/2018 8:22	61.8	65.3	57.0	
8/5/2018 8:27	61.7	64.8	56.1	
8/5/2018 8:32	60.8	63.6	57.2	63.0
8/5/2018 8:37	62.8	67.2	52.9	
8/5/2018 8:42	58.2	61.4	53.9	
8/5/2018 8:47	62.6	65.8	56.3	
8/5/2018 8:52	65.7	70.3	55.4	
8/5/2018 8:57	64.1	66.7	56.0	
8/5/2018 9:02	64.9	68.6	57.7	65.4
8/5/2018 9:07	66.1	69.8	57.1	
8/5/2018 9:12	66.0	70.0	57.0	
8/5/2018 9:17	64.3	68.2	55.7	
8/5/2018 9:22	65.0	68.4	57.6	
8/5/2018 9:27	66.0	68.2	57.3	
8/5/2018 9:32	66.2	69.4	62.1	69.3
8/5/2018 9:37	64.9	68.0	61.1	
8/5/2018 9:42	66.3	69.9	61.0	
8/5/2018 9:47	69.6	69.6	61.3	
8/5/2018 9:52	74.2	75.3	61.5	
8/5/2018 9:57	65.8	69.1	58.9	
8/5/2018 10:02	66.9	70.2	60.0	67.1
8/5/2018 10:07	68.0	70.8	60.9	
8/5/2018 10:12	68.5	72.0	62.0	
8/5/2018 10:17	65.8	68.8	62.2	
8/5/2018 10:22	65.9	68.4	62.6	
8/5/2018 10:27	66.8	69.8	62.7	
8/5/2018 10:32	68.2	70.8	65.1	67.4
8/5/2018 10:37	66.8	69.9	62.5	
8/5/2018 10:42	68.7	72.5	62.1	
8/5/2018 10:47	68.3	72.0	62.8	
8/5/2018 10:52	65.9	69.2	61.6	
8/5/2018 10:57	65.3	68.3	61.1	
8/5/2018 11:02	66.2	69.7	60.9	67.2
8/5/2018 11:07	65.6	68.2	62.0	
8/5/2018 11:12	65.4	68.0	60.9	
8/5/2018 11:17	70.4	73.9	59.4	
8/5/2018 11:22	66.6	69.4	58.8	
8/5/2018 11:27	66.6	70.8	58.0	
8/5/2018 11:32	64.2	67.7	59.2	63.6
8/5/2018 11:37	62.1	64.2	58.6	
8/5/2018 11:42	63.0	67.0	56.3	
8/5/2018 11:47	63.8	67.5	57.7	
8/5/2018 11:52	63.9	67.7	57.5	
8/5/2018 11:57	64.2	68.3	57.5	
8/5/2018 12:02	61.5	64.9	56.0	64.3
8/5/2018 12:07	62.9	66.2	57.1	
8/5/2018 12:12	65.9	69.8	57.8	
8/5/2018 12:17	63.0	67.1	55.7	
8/5/2018 12:22	66.5	70.4	54.9	
8/5/2018 12:27	63.7	67.3	59.1	

Measured Noise Levels at NMS-CA-4 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
8/5/2018 12:32	63.8	67.2	59.2	65.5
8/5/2018 12:37	64.1	67.9	59.0	
8/5/2018 12:42	64.7	68.1	59.6	
8/5/2018 12:47	63.6	66.9	59.4	
8/5/2018 12:52	65.0	69.1	59.0	
8/5/2018 12:57	69.1	71.9	60.1	65.8
8/5/2018 13:02	65.6	69.1	59.2	
8/5/2018 13:07	67.0	70.7	59.8	
8/5/2018 13:12	66.6	70.5	60.9	
8/5/2018 13:17	65.8	69.6	59.4	
8/5/2018 13:22	64.5	68.8	54.9	63.8
8/5/2018 13:27	64.9	68.8	57.0	
8/5/2018 13:32	64.1	67.8	57.4	
8/5/2018 13:37	60.8	63.6	55.3	
8/5/2018 13:42	63.8	68.7	54.9	
8/5/2018 13:47	65.8	70.2	55.9	63.9
8/5/2018 13:52	64.1	67.9	54.9	
8/5/2018 13:57	62.5	66.2	56.0	
8/5/2018 14:02	64.0	66.8	58.3	
8/5/2018 14:07	62.6	66.3	56.3	
8/5/2018 14:12	64.2	68.7	55.5	63.2
8/5/2018 14:17	64.0	68.0	56.0	
8/5/2018 14:22	64.8	69.4	55.1	
8/5/2018 14:27	63.4	67.2	56.1	
8/5/2018 14:32	67.3	71.6	57.8	
8/5/2018 14:37	61.0	64.5	55.0	61.7
8/5/2018 14:42	62.9	66.5	56.5	
8/5/2018 14:47	57.1	58.9	54.6	
8/5/2018 14:52	57.0	59.0	54.4	
8/5/2018 14:57	64.5	68.7	56.4	
8/5/2018 15:02	64.2	67.1	59.9	65.3
8/5/2018 15:07	60.7	62.3	59.3	
8/5/2018 15:12	57.9	60.1	55.0	
8/5/2018 15:17	57.6	59.8	55.2	
8/5/2018 15:22	62.4	64.1	56.1	
8/5/2018 15:27	63.5	64.8	61.9	63.9
8/5/2018 15:32	65.4	67.2	59.1	
8/5/2018 15:37	67.0	69.3	63.5	
8/5/2018 15:42	66.9	68.7	63.3	
8/5/2018 15:47	65.1	66.8	62.1	
8/5/2018 15:52	64.7	67.0	60.1	65.7
8/5/2018 15:57	59.5	61.4	56.1	
8/5/2018 16:02	62.3	64.5	59.6	
8/5/2018 16:07	65.9	67.2	59.2	
8/5/2018 16:12	61.4	62.9	59.3	
8/5/2018 16:17	61.5	63.6	59.5	65.7
8/5/2018 16:22	63.7	65.5	60.9	
8/5/2018 16:27	66.0	68.5	61.2	
8/5/2018 16:32	68.5	70.9	61.4	
8/5/2018 16:37	62.4	64.1	60.4	
8/5/2018 16:42	66.4	69.6	58.3	65.7
8/5/2018 16:47	68.4	71.5	55.3	
8/5/2018 16:52	56.4	58.2	53.0	
8/5/2018 16:57	63.0	68.0	53.7	

Measured Noise Levels at NMS-CA-4 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
8/5/2018 17:02	62.8	67.9	53.4	64.6
8/5/2018 17:07	61.6	65.5	55.9	
8/5/2018 17:12	66.6	70.5	57.2	
8/5/2018 17:17	64.6	69.4	55.9	
8/5/2018 17:22	66.4	70.9	57.1	
8/5/2018 17:27	63.6	67.0	58.0	63.6
8/5/2018 17:32	66.3	70.1	56.0	
8/5/2018 17:37	60.8	64.6	53.2	
8/5/2018 17:42	62.8	65.9	54.1	
8/5/2018 17:47	64.4	68.5	53.7	
8/5/2018 17:52	63.5	67.0	53.6	64.3
8/5/2018 17:57	61.2	65.4	52.9	
8/5/2018 18:02	65.4	69.6	53.7	
8/5/2018 18:07	61.6	65.9	52.8	
8/5/2018 18:12	62.7	67.0	51.7	
8/5/2018 18:17	65.0	70.0	51.9	63.2
8/5/2018 18:22	64.0	68.9	51.4	
8/5/2018 18:27	65.7	70.8	51.6	
8/5/2018 18:32	62.6	66.7	53.4	
8/5/2018 18:37	63.1	67.2	52.2	
8/5/2018 18:42	65.3	69.8	53.6	63.2
8/5/2018 18:47	63.0	67.1	53.5	
8/5/2018 18:52	62.2	66.5	52.3	
8/5/2018 18:57	62.4	66.7	51.8	
9/5/2018 7:02	58.8	60.7	56.2	
9/5/2018 7:07	59.5	61.8	57.0	
9/5/2018 7:12	59.1	61.1	57.2	
9/5/2018 7:17	60.3	62.5	57.6	
9/5/2018 7:22	59.6	61.3	57.6	
9/5/2018 7:27	59.3	61.9	56.2	62.4
9/5/2018 7:32	57.7	60.2	54.1	
9/5/2018 7:37	63.9	67.3	57.5	
9/5/2018 7:42	63.1	66.4	57.4	
9/5/2018 7:47	61.9	65.6	55.9	
9/5/2018 7:52	63.0	66.2	56.0	63.7
9/5/2018 7:57	62.6	66.0	57.3	
9/5/2018 8:02	63.0	66.5	57.5	
9/5/2018 8:07	64.0	67.4	57.4	
9/5/2018 8:12	62.9	66.1	57.4	
9/5/2018 8:17	64.7	68.2	57.2	65.9
9/5/2018 8:22	63.5	66.8	58.0	
9/5/2018 8:27	64.1	67.6	57.9	
9/5/2018 8:32	66.7	68.7	58.3	
9/5/2018 8:37	67.1	70.4	58.8	
9/5/2018 8:42	65.1	68.7	58.0	71.1
9/5/2018 8:47	65.6	68.5	58.5	
9/5/2018 8:52	62.1	65.1	57.3	
9/5/2018 8:57	66.8	70.5	62.3	
9/5/2018 9:02	67.6	70.4	63.1	
9/5/2018 9:07	66.6	69.1	63.3	71.1
9/5/2018 9:12	66.7	69.2	61.7	
9/5/2018 9:17	71.7	75.1	65.4	
9/5/2018 9:22	71.2	74.7	65.1	
9/5/2018 9:27	75.3	77.5	65.8	

Measured Noise Levels at NMS-CA-4 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
9/5/2018 9:32	75.0	78.5	65.5	78.8
9/5/2018 9:37	79.0	81.2	68.8	
9/5/2018 9:42	81.2	84.5	73.8	
9/5/2018 9:47	80.7	83.9	74.0	
9/5/2018 9:52	79.2	82.4	66.8	
9/5/2018 9:57	72.1	74.9	67.5	82.3
9/5/2018 10:02	75.1	78.1	68.2	
9/5/2018 10:07	79.4	82.1	74.3	
9/5/2018 10:12	81.6	83.8	77.6	
9/5/2018 10:17	82.0	84.1	79.2	
9/5/2018 10:22	83.2	86.7	72.1	83.7
9/5/2018 10:27	85.8	87.2	82.3	
9/5/2018 10:32	87.0	88.9	83.2	
9/5/2018 10:37	83.0	85.3	78.7	
9/5/2018 10:42	81.5	83.4	77.5	
9/5/2018 10:47	84.1	86.5	79.7	81.5
9/5/2018 10:52	81.6	83.8	77.2	
9/5/2018 10:57	82.5	85.3	69.3	
9/5/2018 11:02	75.2	77.3	68.8	
9/5/2018 11:07	74.5	76.4	69.4	
9/5/2018 11:12	83.5	85.3	79.9	72.3
9/5/2018 11:17	84.0	85.8	79.7	
9/5/2018 11:22	81.6	83.6	67.2	
9/5/2018 11:27	82.4	84.3	78.2	
9/5/2018 11:32	78.9	81.6	71.1	
9/5/2018 11:37	68.5	70.5	65.0	63.2
9/5/2018 11:42	65.8	68.7	61.1	
9/5/2018 11:47	67.2	69.4	61.2	
9/5/2018 11:52	64.3	67.2	59.8	
9/5/2018 11:57	67.2	70.1	60.9	
9/5/2018 12:02	63.1	65.4	59.3	68.2
9/5/2018 12:07	64.9	67.0	60.3	
9/5/2018 12:12	61.8	63.9	59.2	
9/5/2018 12:17	63.5	66.4	59.0	
9/5/2018 12:22	62.8	65.8	59.2	
9/5/2018 12:27	62.7	65.3	58.7	64.8
9/5/2018 12:32	62.6	64.8	59.6	
9/5/2018 12:37	69.2	72.7	62.0	
9/5/2018 12:42	69.4	72.2	61.9	
9/5/2018 12:47	69.8	73.3	61.8	
9/5/2018 12:52	68.0	70.7	61.0	67.0
9/5/2018 12:57	66.6	70.0	59.9	
9/5/2018 13:02	66.4	69.0	60.7	
9/5/2018 13:07	64.7	67.6	59.2	
9/5/2018 13:12	64.4	67.1	59.0	
9/5/2018 13:17	65.0	67.1	60.3	67.0
9/5/2018 13:22	63.8	66.5	60.4	
9/5/2018 13:27	63.6	65.9	60.4	
9/5/2018 13:32	66.5	69.5	61.8	
9/5/2018 13:37	65.9	68.1	62.5	
9/5/2018 13:42	66.6	68.8	63.5	67.0
9/5/2018 13:47	67.3	69.9	63.4	
9/5/2018 13:52	68.0	70.7	64.0	
9/5/2018 13:57	67.2	69.5	64.3	

Measured Noise Levels at NMS-CA-4 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
9/5/2018 14:02	69.6	71.2	64.2	67.8
9/5/2018 14:07	66.5	69.2	62.3	
9/5/2018 14:12	65.3	67.1	62.7	
9/5/2018 14:17	68.4	71.2	64.0	
9/5/2018 14:22	67.0	68.9	64.5	
9/5/2018 14:27	68.6	70.9	65.4	69.2
9/5/2018 14:32	69.6	71.7	66.3	
9/5/2018 14:37	70.2	72.2	67.0	
9/5/2018 14:42	69.8	72.6	62.4	
9/5/2018 14:47	67.5	70.1	63.4	
9/5/2018 14:52	68.8	71.1	64.9	68.9
9/5/2018 14:57	68.7	70.9	65.1	
9/5/2018 15:02	70.1	72.3	64.5	
9/5/2018 15:07	68.9	71.4	64.6	
9/5/2018 15:12	69.7	72.0	66.0	
9/5/2018 15:17	69.4	71.9	66.1	66.3
9/5/2018 15:22	67.3	70.7	62.0	
9/5/2018 15:27	67.5	71.1	62.2	
9/5/2018 15:32	67.4	71.4	60.5	
9/5/2018 15:37	66.8	69.1	61.8	
9/5/2018 15:42	66.4	68.9	61.6	67.0
9/5/2018 15:47	64.5	67.3	60.5	
9/5/2018 15:52	66.8	70.1	61.6	
9/5/2018 15:57	65.1	67.3	61.0	
9/5/2018 16:02	67.7	71.2	60.9	
9/5/2018 16:07	64.0	65.4	61.5	67.8
9/5/2018 16:12	66.3	70.1	62.0	
9/5/2018 16:17	63.7	66.0	61.6	
9/5/2018 16:22	66.5	68.8	62.3	
9/5/2018 16:27	70.3	72.7	65.4	
9/5/2018 16:32	69.2	71.6	65.9	67.8
9/5/2018 16:37	66.8	69.2	61.8	
9/5/2018 16:42	65.3	67.2	62.1	
9/5/2018 16:47	66.9	68.9	63.7	
9/5/2018 16:52	67.4	68.9	64.4	
9/5/2018 16:57	69.5	71.8	64.6	66.0
9/5/2018 17:02	68.3	70.7	64.3	
9/5/2018 17:07	66.7	69.3	61.1	
9/5/2018 17:12	67.6	72.1	60.7	
9/5/2018 17:17	63.1	65.2	60.4	
9/5/2018 17:22	63.9	65.8	60.1	64.2
9/5/2018 17:27	63.6	64.9	59.5	
9/5/2018 17:32	63.4	64.9	60.4	
9/5/2018 17:37	65.9	68.9	59.7	
9/5/2018 17:42	65.0	68.7	59.3	
9/5/2018 17:47	63.1	65.7	59.9	65.1
9/5/2018 17:52	63.5	66.8	58.7	
9/5/2018 17:57	63.2	65.9	58.8	
9/5/2018 18:02	68.1	72.1	59.5	
9/5/2018 18:07	65.2	68.5	60.0	
9/5/2018 18:12	63.6	65.8	58.9	65.1
9/5/2018 18:17	65.1	68.0	58.9	
9/5/2018 18:22	63.1	65.6	59.0	
9/5/2018 18:27	63.5	66.4	58.8	

Measured Noise Levels at NMS-CA-4 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
9/5/2018 18:32	67.1	70.7	59.2	65.1
9/5/2018 18:37	65.2	68.0	59.0	
9/5/2018 18:42	64.2	66.8	58.2	
9/5/2018 18:47	65.2	68.1	60.6	
9/5/2018 18:52	62.3	65.0	56.3	
9/5/2018 18:57	65.4	68.8	58.9	61.3
10/5/2018 7:02	61.5	62.2	58.1	
10/5/2018 7:07	60.3	62.1	58.0	
10/5/2018 7:12	62.0	64.3	58.8	
10/5/2018 7:17	60.2	61.8	58.4	
10/5/2018 7:22	61.4	63.1	59.0	63.4
10/5/2018 7:27	62.0	65.0	58.4	
10/5/2018 7:32	62.9	64.9	59.0	
10/5/2018 7:37	63.1	66.0	59.6	
10/5/2018 7:42	61.5	62.1	58.7	
10/5/2018 7:47	64.7	66.2	59.9	63.5
10/5/2018 7:52	63.9	66.2	59.7	
10/5/2018 7:57	63.4	66.1	59.6	
10/5/2018 8:02	61.3	62.9	58.8	
10/5/2018 8:07	65.1	68.3	59.5	
10/5/2018 8:12	64.4	67.4	60.5	66.6
10/5/2018 8:17	61.8	63.2	59.5	
10/5/2018 8:22	63.6	66.6	59.0	
10/5/2018 8:28	63.7	66.4	58.7	
10/5/2018 8:33	64.4	66.1	60.8	
10/5/2018 8:38	64.4	66.6	61.9	65.6
10/5/2018 8:43	67.6	70.0	63.7	
10/5/2018 8:48	66.7	69.3	63.4	
10/5/2018 8:53	67.7	70.8	63.2	
10/5/2018 8:58	67.5	69.8	63.8	
10/5/2018 9:03	66.2	69.1	62.3	66.2
10/5/2018 9:08	65.9	68.4	62.2	
10/5/2018 9:13	66.0	68.8	62.5	
10/5/2018 9:18	65.3	67.8	61.8	
10/5/2018 9:23	64.8	66.8	62.1	
10/5/2018 9:28	65.5	68.3	61.6	66.4
10/5/2018 9:33	63.2	65.9	60.1	
10/5/2018 9:38	66.4	69.7	61.3	
10/5/2018 9:43	66.0	68.4	61.4	
10/5/2018 9:48	69.4	71.9	62.9	
10/5/2018 9:53	66.0	68.6	62.1	66.3
10/5/2018 9:58	63.2	65.9	59.6	
10/5/2018 10:03	68.7	72.6	62.0	
10/5/2018 10:08	67.2	70.0	62.9	
10/5/2018 10:13	66.3	69.3	60.4	
10/5/2018 10:18	64.0	66.8	59.9	66.3
10/5/2018 10:23	64.3	67.0	60.1	
10/5/2018 10:28	66.2	69.2	61.0	
10/5/2018 10:33	67.1	69.5	61.4	
10/5/2018 10:38	66.0	68.9	61.9	
10/5/2018 10:43	65.8	68.9	61.2	66.3
10/5/2018 10:48	66.0	68.6	62.1	
10/5/2018 10:53	66.5	69.4	62.2	
10/5/2018 10:58	66.5	68.9	62.7	

Measured Noise Levels at NMS-CA-4 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
10/5/2018 11:03	65.7	69.6	59.8	65.0
10/5/2018 11:08	62.8	65.0	59.9	
10/5/2018 11:13	65.3	68.3	61.5	
10/5/2018 11:18	66.5	70.2	61.5	
10/5/2018 11:23	64.0	66.4	60.3	
10/5/2018 11:28	64.8	67.5	59.6	64.7
10/5/2018 11:33	63.8	67.5	58.5	
10/5/2018 11:38	63.8	67.0	59.2	
10/5/2018 11:43	64.3	67.3	60.0	
10/5/2018 11:48	67.1	70.7	60.5	
10/5/2018 11:53	62.5	65.1	59.4	64.4
10/5/2018 11:58	65.1	68.7	58.1	
10/5/2018 12:03	65.9	69.7	57.8	
10/5/2018 12:08	63.7	67.5	57.8	
10/5/2018 12:13	63.5	66.8	58.7	
10/5/2018 12:18	63.7	66.9	57.7	64.5
10/5/2018 12:23	66.0	70.0	57.2	
10/5/2018 12:28	62.8	65.7	58.3	
10/5/2018 12:33	63.0	66.1	58.4	
10/5/2018 12:38	66.8	69.8	57.8	
10/5/2018 12:43	63.1	66.6	58.3	66.8
10/5/2018 12:48	65.2	69.1	57.9	
10/5/2018 12:53	64.2	67.1	58.1	
10/5/2018 12:58	63.1	65.8	57.9	
10/5/2018 13:03	62.8	66.4	57.3	
10/5/2018 13:08	65.7	69.1	59.5	66.5
10/5/2018 13:13	65.9	69.4	58.8	
10/5/2018 13:18	68.5	70.9	61.4	
10/5/2018 13:23	66.1	68.8	62.3	
10/5/2018 13:28	69.0	71.8	62.2	
10/5/2018 13:33	66.1	69.2	61.2	66.5
10/5/2018 13:38	69.8	68.4	61.4	
10/5/2018 13:43	64.6	67.6	60.8	
10/5/2018 13:48	64.4	67.3	61.0	
10/5/2018 13:53	66.6	69.6	60.1	
10/5/2018 13:58	64.5	67.1	60.6	66.8
10/5/2018 14:03	67.6	69.8	62.5	
10/5/2018 14:08	66.1	68.7	62.5	
10/5/2018 14:13	65.5	67.5	62.5	
10/5/2018 14:18	66.2	68.9	62.2	
10/5/2018 14:23	68.8	71.3	62.8	66.8
10/5/2018 14:28	65.6	67.8	61.9	
10/5/2018 14:33	67.7	70.7	62.9	
10/5/2018 14:38	66.1	68.5	62.3	
10/5/2018 14:43	65.7	68.1	62.1	
10/5/2018 14:48	64.1	66.6	59.9	65.9
10/5/2018 14:53	65.8	68.9	60.6	
10/5/2018 14:58	65.4	68.1	60.8	
10/5/2018 15:03	65.0	68.0	59.8	
10/5/2018 15:08	64.9	67.9	60.3	
10/5/2018 15:13	64.6	67.5	59.9	64.6
10/5/2018 15:18	66.0	69.1	60.3	
10/5/2018 15:23	61.6	63.9	58.2	
10/5/2018 15:28	64.3	67.8	58.2	

Measured Noise Levels at NMS-CA-4 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
10/5/2018 15:33	65.3	68.0	59.3	64.9
10/5/2018 15:38	64.3	67.7	59.6	
10/5/2018 15:43	64.4	67.6	60.0	
10/5/2018 15:48	66.8	69.5	61.4	
10/5/2018 15:53	63.2	65.6	60.0	
10/5/2018 15:58	64.8	68.0	60.6	
10/5/2018 16:03	64.2	66.5	60.9	
10/5/2018 16:08	64.8	67.5	61.2	64.2
10/5/2018 16:13	63.4	65.2	60.9	
10/5/2018 16:18	64.7	67.7	60.6	
10/5/2018 16:23	62.9	65.2	60.3	
10/5/2018 16:28	64.9	67.6	60.9	
10/5/2018 16:33	63.2	65.8	60.0	
10/5/2018 16:38	65.3	67.9	60.6	
10/5/2018 16:43	64.9	68.5	59.8	64.4
10/5/2018 16:48	65.1	68.3	60.4	
10/5/2018 16:53	62.6	65.4	59.3	
10/5/2018 16:58	64.7	67.9	57.9	
10/5/2018 17:03	61.3	63.9	57.1	
10/5/2018 17:08	63.8	66.1	60.0	
10/5/2018 17:13	62.2	64.9	58.7	
10/5/2018 17:18	65.8	68.8	59.6	63.3
10/5/2018 17:23	62.7	65.3	58.9	
10/5/2018 17:28	62.6	65.0	58.7	
10/5/2018 17:33	62.9	65.9	58.4	
10/5/2018 17:38	62.9	65.7	58.8	
10/5/2018 17:43	63.8	66.2	58.0	
10/5/2018 17:48	65.7	69.8	58.1	
10/5/2018 17:53	65.9	69.2	58.9	64.1
10/5/2018 17:58	61.3	64.0	58.2	
10/5/2018 18:03	64.5	67.9	59.5	
10/5/2018 18:08	66.3	69.9	58.7	
10/5/2018 18:13	65.0	67.7	57.6	
10/5/2018 18:18	66.6	69.0	57.4	
10/5/2018 18:23	61.6	65.0	56.1	
10/5/2018 18:28	63.7	66.9	57.4	64.9
10/5/2018 18:33	63.2	66.7	57.8	
10/5/2018 18:38	63.1	66.8	56.4	
10/5/2018 18:43	63.6	67.6	57.8	
10/5/2018 18:48	62.3	65.6	57.3	
10/5/2018 18:53	62.6	65.7	58.0	
10/5/2018 18:58	62.8	65.8	56.6	
11/5/2018 7:03	55.4	57.0	53.2	57.6
11/5/2018 7:08	57.1	59.3	55.0	
11/5/2018 7:13	57.6	60.1	54.2	
11/5/2018 7:18	57.1	59.3	54.9	
11/5/2018 7:23	59.2	60.8	54.7	
11/5/2018 7:28	58.2	60.4	56.0	
11/5/2018 7:33	60.3	63.2	56.0	
11/5/2018 7:38	62.4	65.8	56.5	62.3
11/5/2018 7:43	63.0	66.5	57.5	
11/5/2018 7:48	61.7	65.1	57.6	
11/5/2018 7:53	63.0	66.5	57.5	
11/5/2018 7:58	62.7	66.4	56.7	

Measured Noise Levels at NMS-CA-4 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
11/5/2018 8:03	62.6	65.7	58.2	62.7
11/5/2018 8:08	62.4	65.5	57.7	
11/5/2018 8:13	64.2	68.4	57.8	
11/5/2018 8:18	61.7	64.4	57.9	
11/5/2018 8:23	62.5	65.6	57.5	
11/5/2018 8:28	62.5	65.6	57.6	
11/5/2018 8:33	63.4	67.1	57.5	
11/5/2018 8:38	63.6	67.2	57.5	62.8
11/5/2018 8:43	65.2	68.9	57.6	
11/5/2018 8:48	61.7	64.2	58.1	
11/5/2018 8:53	58.8	61.5	55.6	
11/5/2018 8:58	61.1	64.0	56.8	
11/5/2018 9:03	62.9	66.2	56.7	
11/5/2018 9:08	63.3	66.5	57.7	
11/5/2018 9:13	65.8	69.6	58.0	64.1
11/5/2018 9:18	64.2	67.7	58.0	
11/5/2018 9:23	62.5	66.1	57.2	
11/5/2018 9:28	65.0	69.1	58.2	
11/5/2018 9:33	63.4	67.0	57.8	
11/5/2018 9:38	63.6	66.8	59.1	
11/5/2018 9:43	63.6	67.2	58.7	
11/5/2018 9:48	65.1	66.8	57.1	67.0
11/5/2018 9:53	68.5	70.5	57.7	
11/5/2018 9:58	71.1	71.2	57.6	
11/5/2018 10:03	62.7	65.7	58.3	
11/5/2018 10:08	66.2	68.8	57.9	
11/5/2018 10:13	64.8	69.0	57.9	
11/5/2018 10:18	61.9	64.3	58.6	
11/5/2018 10:23	63.2	66.1	58.3	63.8
11/5/2018 10:28	61.9	64.6	57.3	
11/5/2018 10:33	62.1	65.3	57.1	
11/5/2018 10:38	64.1	67.9	57.9	
11/5/2018 10:43	62.7	66.2	57.5	
11/5/2018 10:48	62.2	65.2	57.6	
11/5/2018 10:53	63.5	65.9	57.3	
11/5/2018 10:58	67.6	72.3	59.0	64.2
11/5/2018 11:03	63.1	66.8	57.5	
11/5/2018 11:08	64.6	67.9	58.7	
11/5/2018 11:13	62.6	65.7	57.7	
11/5/2018 11:18	63.8	68.1	57.9	
11/5/2018 11:23	64.8	67.6	57.7	
11/5/2018 11:28	62.7	65.9	58.1	
11/5/2018 11:33	66.0	68.2	57.2	64.2
11/5/2018 11:38	62.6	66.0	56.9	
11/5/2018 11:43	64.7	69.2	56.8	
11/5/2018 11:48	62.1	65.7	56.5	
11/5/2018 11:53	63.5	67.0	57.6	
11/5/2018 11:58	65.1	67.8	58.3	
11/5/2018 12:03	63.9	67.8	56.8	
11/5/2018 12:08	64.1	67.6	56.8	63.7
11/5/2018 12:13	63.8	67.2	56.3	
11/5/2018 12:18	65.5	69.8	56.3	
11/5/2018 12:23	61.1	64.5	55.7	
11/5/2018 12:28	62.7	65.7	57.4	



Measured Noise Levels at NMS-CA-4 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
11/5/2018 12:33	64.8	68.2	58.0	66.0
11/5/2018 12:38	66.3	70.4	57.7	
11/5/2018 12:43	64.1	67.6	57.4	
11/5/2018 12:48	66.9	70.9	58.0	
11/5/2018 12:53	68.3	71.8	58.4	
11/5/2018 12:58	64.2	68.1	56.6	70.8
11/5/2018 13:03	63.6	66.9	56.8	
11/5/2018 13:08	63.8	67.3	56.2	
11/5/2018 13:13	63.7	67.4	56.8	
11/5/2018 13:18	63.4	67.0	57.0	
11/5/2018 13:23	74.3	77.7	65.8	74.3
11/5/2018 13:28	75.6	79.1	65.4	
11/5/2018 13:33	73.8	77.3	64.4	
11/5/2018 13:38	74.8	78.6	62.6	
11/5/2018 13:43	73.4	78.0	61.1	
11/5/2018 13:48	75.4	79.0	64.9	70.9
11/5/2018 13:53	73.8	77.9	63.2	
11/5/2018 13:58	74.1	78.8	60.9	
11/5/2018 14:03	77.8	80.6	69.5	
11/5/2018 14:08	64.6	67.1	58.8	
11/5/2018 14:13	64.0	67.4	58.7	64.2
11/5/2018 14:18	65.2	68.7	59.2	
11/5/2018 14:23	63.6	66.7	58.8	
11/5/2018 14:28	64.5	67.7	59.4	
11/5/2018 14:33	63.9	66.5	59.0	
11/5/2018 14:38	64.2	67.8	58.3	64.3
11/5/2018 14:43	64.1	67.1	59.0	
11/5/2018 14:48	63.7	66.6	58.8	
11/5/2018 14:53	63.8	66.0	58.6	
11/5/2018 14:58	65.3	69.1	59.0	
11/5/2018 15:03	65.4	69.0	58.6	64.3
11/5/2018 15:08	64.5	68.1	59.2	
11/5/2018 15:13	62.0	64.7	57.4	
11/5/2018 15:18	63.1	66.7	57.1	
11/5/2018 15:23	64.6	68.8	58.0	
11/5/2018 15:28	65.2	68.1	59.7	64.3
11/5/2018 15:33	64.9	68.0	59.3	
11/5/2018 15:38	64.4	67.4	59.7	
11/5/2018 15:43	64.5	68.2	58.4	
11/5/2018 15:48	63.6	67.2	57.5	
11/5/2018 15:53	65.5	68.9	57.6	65.4
11/5/2018 15:58	62.2	66.1	56.5	
11/5/2018 16:03	66.2	69.7	57.7	
11/5/2018 16:08	64.2	68.0	57.1	
11/5/2018 16:13	63.7	66.3	59.1	
11/5/2018 16:18	64.4	67.7	58.1	64.4
11/5/2018 16:23	63.2	67.0	57.4	
11/5/2018 16:28	68.4	72.1	58.1	
11/5/2018 16:33	62.5	65.8	57.9	
11/5/2018 16:38	67.9	70.3	58.3	
11/5/2018 16:43	63.6	67.5	57.8	64.4
11/5/2018 16:48	64.1	67.5	58.4	
11/5/2018 16:53	62.1	65.7	56.6	
11/5/2018 16:58	63.4	67.8	56.9	

Measured Noise Levels at NMS-CA-4 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
11/5/2018 17:03	63.9	67.2	58.8	63.8
11/5/2018 17:08	64.2	67.9	57.8	
11/5/2018 17:13	65.2	68.5	57.3	
11/5/2018 17:18	64.1	68.0	57.5	
11/5/2018 17:23	62.5	66.1	56.6	
11/5/2018 17:28	62.3	65.3	56.7	64.2
11/5/2018 17:33	62.8	66.3	56.6	
11/5/2018 17:38	61.7	65.5	56.0	
11/5/2018 17:43	64.9	69.2	55.7	
11/5/2018 17:48	62.3	65.4	56.1	
11/5/2018 17:53	64.5	68.6	55.6	63.3
11/5/2018 17:58	66.9	70.8	55.7	
11/5/2018 18:03	62.2	65.7	56.1	
11/5/2018 18:08	63.2	67.1	55.8	
11/5/2018 18:13	64.5	68.4	56.8	
11/5/2018 18:18	64.3	68.1	56.0	63.3
11/5/2018 18:23	62.6	66.7	54.6	
11/5/2018 18:28	62.7	66.0	55.3	
11/5/2018 18:33	63.7	67.6	56.1	
11/5/2018 18:38	65.8	70.6	56.3	
11/5/2018 18:43	63.2	67.0	55.6	63.3
11/5/2018 18:48	61.7	65.6	54.9	
11/5/2018 18:53	62.4	65.7	55.0	
11/5/2018 18:58	61.6	65.0	55.3	
12/5/2018 7:03	55.1	57.6	52.2	
12/5/2018 7:08	60.3	63.4	52.0	
12/5/2018 7:13	55.4	59.2	49.6	
12/5/2018 7:18	56.8	60.7	50.8	
12/5/2018 7:23	61.1	65.1	51.6	
12/5/2018 7:28	54.4	56.2	51.6	62.0
12/5/2018 7:33	60.9	65.6	52.8	
12/5/2018 7:38	62.8	66.6	54.3	
12/5/2018 7:43	60.6	64.2	53.8	
12/5/2018 7:48	64.4	68.3	56.0	
12/5/2018 7:53	59.2	62.3	53.5	62.2
12/5/2018 7:58	62.4	66.8	53.2	
12/5/2018 8:03	60.3	63.8	53.9	
12/5/2018 8:08	60.1	63.7	53.5	
12/5/2018 8:13	59.3	63.0	55.3	
12/5/2018 8:18	62.8	66.4	54.9	61.6
12/5/2018 8:23	66.3	68.9	54.3	
12/5/2018 8:28	59.7	62.2	53.2	
12/5/2018 8:33	55.1	57.5	52.5	
12/5/2018 8:38	61.1	65.0	52.5	
12/5/2018 8:43	64.1	68.1	55.3	65.0
12/5/2018 8:48	60.0	63.2	54.7	
12/5/2018 8:53	62.4	65.7	56.1	
12/5/2018 8:58	62.6	66.3	56.4	
12/5/2018 9:03	66.9	69.2	56.3	
12/5/2018 9:08	62.7	65.9	56.4	65.0
12/5/2018 9:13	64.1	67.7	56.7	
12/5/2018 9:18	67.0	70.2	59.4	
12/5/2018 9:23	64.2	67.6	58.9	
12/5/2018 9:28	63.2	66.0	58.4	

Measured Noise Levels at NMS-CA-4 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
12/5/2018 9:33	62.1	65.8	56.6	63.4
12/5/2018 9:38	65.3	67.3	56.8	
12/5/2018 9:43	62.8	66.6	56.5	
12/5/2018 9:48	63.4	67.1	57.3	
12/5/2018 9:53	62.9	66.3	57.7	
12/5/2018 9:58	63.0	66.1	56.8	64.2
12/5/2018 10:03	63.8	65.7	56.6	
12/5/2018 10:08	66.0	69.1	59.1	
12/5/2018 10:13	64.3	67.6	59.8	
12/5/2018 10:18	63.5	66.5	58.0	
12/5/2018 10:23	63.4	66.4	57.3	63.8
12/5/2018 10:28	63.4	66.8	58.2	
12/5/2018 10:33	64.0	65.9	57.9	
12/5/2018 10:38	64.7	68.3	59.2	
12/5/2018 10:43	61.9	63.6	58.4	
12/5/2018 10:48	64.2	66.9	58.9	63.6
12/5/2018 10:53	64.3	67.4	59.2	
12/5/2018 10:58	63.3	66.1	58.5	
12/5/2018 11:03	63.9	66.8	58.3	
12/5/2018 11:08	67.2	70.2	59.8	
12/5/2018 11:13	63.0	65.3	59.6	58.7
12/5/2018 11:18	60.8	62.1	59.3	
12/5/2018 11:23	62.7	63.3	59.0	
12/5/2018 11:28	59.6	61.2	58.0	
12/5/2018 11:33	59.5	61.0	57.8	
12/5/2018 11:38	58.6	59.8	57.0	58.4
12/5/2018 11:43	58.9	60.5	56.9	
12/5/2018 11:48	59.0	60.7	56.5	
12/5/2018 11:53	57.9	59.5	55.7	
12/5/2018 11:58	57.9	59.6	56.1	
12/5/2018 12:03	58.1	60.0	56.0	58.2
12/5/2018 12:08	58.9	61.0	56.6	
12/5/2018 12:13	59.6	62.6	55.5	
12/5/2018 12:18	58.7	60.9	56.0	
12/5/2018 12:23	57.6	59.3	55.8	
12/5/2018 12:28	56.9	58.7	54.9	59.6
12/5/2018 12:33	59.2	61.8	55.7	
12/5/2018 12:38	58.6	60.8	56.0	
12/5/2018 12:43	57.9	59.8	55.4	
12/5/2018 12:48	58.5	60.2	56.4	
12/5/2018 12:53	57.5	59.1	55.7	62.3
12/5/2018 12:58	57.3	58.9	55.2	
12/5/2018 13:03	58.6	60.3	56.3	
12/5/2018 13:08	58.5	60.1	55.8	
12/5/2018 13:13	58.8	60.6	57.0	
12/5/2018 13:18	58.1	59.8	56.4	61.9
12/5/2018 13:23	62.9	63.8	57.0	
12/5/2018 13:28	58.0	59.7	56.1	
12/5/2018 13:33	60.5	61.6	56.1	
12/5/2018 13:38	64.8	64.6	57.0	
12/5/2018 13:43	58.7	59.8	57.2	61.7
12/5/2018 13:48	59.4	61.5	57.2	
12/5/2018 13:53	65.5	66.2	56.7	
12/5/2018 13:58	59.2	61.1	56.9	

Measured Noise Levels at NMS-CA-4 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
12/5/2018 14:03	59.9	61.8	57.3	61.7
12/5/2018 14:08	59.8	61.5	56.8	
12/5/2018 14:13	59.0	61.0	56.4	
12/5/2018 14:18	59.3	61.1	57.3	
12/5/2018 14:23	66.4	66.9	57.7	
12/5/2018 14:28	59.9	61.9	56.9	58.3
12/5/2018 14:33	59.7	62.5	55.4	
12/5/2018 14:38	59.1	61.4	55.0	
12/5/2018 14:43	58.9	60.9	56.1	
12/5/2018 14:48	56.7	58.5	54.6	
12/5/2018 14:53	57.5	59.4	55.6	60.1
12/5/2018 14:58	57.3	58.8	55.4	
12/5/2018 15:03	65.0	63.5	54.6	
12/5/2018 15:08	57.7	59.0	55.9	
12/5/2018 15:13	57.8	59.4	55.9	
12/5/2018 15:18	57.7	59.6	55.3	58.2
12/5/2018 15:23	57.9	60.6	55.2	
12/5/2018 15:28	57.4	59.1	55.3	
12/5/2018 15:33	59.4	60.9	55.1	
12/5/2018 15:38	58.2	60.4	55.9	
12/5/2018 15:43	57.3	58.8	55.3	60.2
12/5/2018 15:48	58.0	60.3	55.4	
12/5/2018 15:53	57.9	59.9	55.2	
12/5/2018 15:58	57.9	60.0	55.5	
12/5/2018 16:03	58.7	61.5	55.4	
12/5/2018 16:08	58.3	60.1	55.8	64.7
12/5/2018 16:13	57.7	60.3	54.9	
12/5/2018 16:18	58.2	60.4	55.2	
12/5/2018 16:23	61.7	65.5	55.3	
12/5/2018 16:28	63.4	67.5	56.1	
12/5/2018 16:33	61.7	65.8	55.1	63.5
12/5/2018 16:38	62.2	65.5	54.8	
12/5/2018 16:43	63.8	67.8	54.6	
12/5/2018 16:48	68.3	70.4	53.7	
12/5/2018 16:53	63.1	66.2	55.5	
12/5/2018 16:58	65.5	70.4	55.1	63.2
12/5/2018 17:03	61.9	65.8	55.8	
12/5/2018 17:08	61.7	65.1	55.3	
12/5/2018 17:13	65.9	69.5	54.6	
12/5/2018 17:18	62.1	66.0	54.8	
12/5/2018 17:23	63.1	66.3	53.5	61.9
12/5/2018 17:28	64.7	69.4	54.7	
12/5/2018 17:33	63.0	66.8	52.8	
12/5/2018 17:38	61.7	65.4	54.5	
12/5/2018 17:43	63.1	67.4	52.4	
12/5/2018 17:48	61.3	62.8	52.3	61.9
12/5/2018 17:53	67.0	69.9	52.9	
12/5/2018 17:58	58.6	62.3	51.5	
12/5/2018 18:03	63.3	67.6	54.0	
12/5/2018 18:08	59.8	63.1	53.5	
12/5/2018 18:13	61.1	65.4	52.9	61.9
12/5/2018 18:18	63.1	66.7	53.8	
12/5/2018 18:23	60.1	63.8	51.3	
12/5/2018 18:28	62.7	67.1	52.5	

Measured Noise Levels at NMS-CA-4 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
12/5/2018 18:33	63.5	67.7	51.5	61.1
12/5/2018 18:38	61.6	65.6	52.1	
12/5/2018 18:43	63.6	68.2	53.2	
12/5/2018 18:48	60.1	63.4	51.0	
12/5/2018 18:53	55.0	58.4	50.1	
12/5/2018 18:58	55.6	59.3	50.0	54.2
14/5/2018 7:04	54.1	57.6	50.1	
14/5/2018 7:09	54.5	57.0	52.4	
14/5/2018 7:14	55.3	58.1	51.1	
14/5/2018 7:19	55.2	58.0	51.8	
14/5/2018 7:24	52.2	55.0	49.4	53.4
14/5/2018 7:29	53.3	56.3	49.9	
14/5/2018 7:34	52.8	55.1	50.5	
14/5/2018 7:39	53.0	55.0	50.5	
14/5/2018 7:44	54.1	57.2	51.2	
14/5/2018 7:49	54.2	56.0	51.6	55.5
14/5/2018 7:54	52.8	55.1	50.2	
14/5/2018 7:59	53.1	54.8	50.4	
14/5/2018 8:04	54.4	56.4	53.0	
14/5/2018 8:09	54.5	56.6	52.7	
14/5/2018 8:14	55.3	56.9	53.8	55.5
14/5/2018 8:19	55.2	57.2	52.8	
14/5/2018 8:24	56.5	58.6	54.1	
14/5/2018 8:29	56.8	58.4	54.2	
14/5/2018 8:34	55.3	58.1	52.9	
14/5/2018 8:39	55.4	57.8	53.2	55.5
14/5/2018 8:44	54.8	56.7	52.9	
14/5/2018 8:49	55.0	57.3	52.9	
14/5/2018 8:54	54.7	56.6	52.6	
14/5/2018 8:59	57.1	58.6	55.5	
14/5/2018 9:04	55.4	57.3	53.1	57.0
14/5/2018 9:09	56.6	58.5	53.3	
14/5/2018 9:14	54.7	56.9	52.7	
14/5/2018 9:19	59.8	63.3	53.3	
14/5/2018 9:24	55.1	57.0	53.1	
14/5/2018 9:29	57.9	60.6	53.9	62.7
14/5/2018 9:34	60.3	63.3	56.0	
14/5/2018 9:39	57.7	59.2	55.9	
14/5/2018 9:44	63.4	63.0	56.2	
14/5/2018 9:49	67.2	68.5	57.1	
14/5/2018 9:54	60.4	63.8	55.3	61.4
14/5/2018 9:59	60.0	62.7	56.1	
14/5/2018 10:04	61.0	63.3	57.7	
14/5/2018 10:09	61.4	64.8	56.9	
14/5/2018 10:14	62.7	65.5	57.5	
14/5/2018 10:19	61.7	64.4	57.4	62.6
14/5/2018 10:24	60.1	63.0	57.2	
14/5/2018 10:29	60.8	62.7	57.7	
14/5/2018 10:34	66.2	68.1	58.8	
14/5/2018 10:39	60.3	62.3	57.5	
14/5/2018 10:44	65.5	64.5	57.0	62.6
14/5/2018 10:49	58.8	60.7	56.5	
14/5/2018 10:54	58.6	60.3	56.1	
14/5/2018 10:59	58.7	61.2	56.0	

Measured Noise Levels at NMS-CA-4 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
14/5/2018 11:04	61.6	62.1	57.7	63.7
14/5/2018 11:09	59.4	61.1	56.8	
14/5/2018 11:14	62.1	64.7	57.8	
14/5/2018 11:19	66.0	70.1	57.7	
14/5/2018 11:24	66.6	70.3	57.6	
14/5/2018 11:29	62.3	66.0	56.9	58.3
14/5/2018 11:34	57.4	59.8	54.7	
14/5/2018 11:39	58.5	61.2	54.3	
14/5/2018 11:44	59.0	61.5	55.3	
14/5/2018 11:49	58.8	60.8	55.8	
14/5/2018 11:54	58.0	61.1	54.5	58.6
14/5/2018 11:59	57.9	61.0	53.3	
14/5/2018 12:04	56.5	58.5	53.6	
14/5/2018 12:09	55.5	57.7	53.2	
14/5/2018 12:14	63.2	61.7	53.5	
14/5/2018 12:19	57.5	59.8	54.4	56.7
14/5/2018 12:24	57.4	59.3	55.0	
14/5/2018 12:29	55.9	57.5	53.7	
14/5/2018 12:34	56.3	58.9	53.8	
14/5/2018 12:39	56.4	58.5	54.0	
14/5/2018 12:44	55.8	57.2	54.0	58.7
14/5/2018 12:49	56.3	58.8	53.0	
14/5/2018 12:54	57.3	59.8	54.1	
14/5/2018 12:59	57.8	59.2	55.8	
14/5/2018 13:04	59.0	60.4	57.1	
14/5/2018 13:09	58.6	60.2	56.7	58.9
14/5/2018 13:14	57.9	59.8	56.0	
14/5/2018 13:19	59.0	60.6	57.4	
14/5/2018 13:24	58.8	60.9	56.7	
14/5/2018 13:29	58.6	60.2	57.0	
14/5/2018 13:34	57.9	59.1	56.7	60.4
14/5/2018 13:39	58.0	59.4	56.6	
14/5/2018 13:44	58.6	60.0	56.9	
14/5/2018 13:49	60.7	62.0	58.2	
14/5/2018 13:54	59.2	60.6	57.6	
14/5/2018 13:59	58.1	59.5	56.6	60.5
14/5/2018 14:04	58.9	60.4	57.1	
14/5/2018 14:09	62.4	64.5	57.0	
14/5/2018 14:14	62.4	59.9	56.0	
14/5/2018 14:19	58.6	60.1	57.1	
14/5/2018 14:24	58.4	59.3	57.3	60.3
14/5/2018 14:29	59.8	61.3	58.1	
14/5/2018 14:34	57.9	59.6	55.6	
14/5/2018 14:39	58.9	61.0	56.5	
14/5/2018 14:44	60.0	61.4	57.9	
14/5/2018 14:49	60.2	61.6	58.0	60.3
14/5/2018 14:54	60.1	61.7	57.7	
14/5/2018 14:59	63.7	64.3	57.9	
14/5/2018 15:04	62.8	63.4	57.6	
14/5/2018 15:09	58.6	59.8	56.9	
14/5/2018 15:14	59.5	61.0	57.6	60.3
14/5/2018 15:19	60.1	61.8	58.0	
14/5/2018 15:24	60.0	61.6	57.7	
14/5/2018 15:29	59.5	60.8	58.0	

Measured Noise Levels at NMS-CA-4 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
14/5/2018 15:34	65.2	66.2	54.4	60.2
14/5/2018 15:39	56.1	58.1	52.4	
14/5/2018 15:44	57.3	60.4	54.0	
14/5/2018 15:49	58.1	60.4	54.6	
14/5/2018 15:54	57.5	59.4	54.5	
14/5/2018 15:59	59.5	62.7	54.9	56.7
14/5/2018 16:04	57.7	60.7	53.4	
14/5/2018 16:09	58.0	61.5	53.2	
14/5/2018 16:14	55.5	58.0	52.3	
14/5/2018 16:19	55.7	58.1	52.7	
14/5/2018 16:24	56.1	58.8	53.0	56.9
14/5/2018 16:29	56.6	58.9	53.0	
14/5/2018 16:34	55.5	57.6	52.8	
14/5/2018 16:39	55.3	57.2	53.2	
14/5/2018 16:44	54.0	55.4	52.4	
14/5/2018 16:49	58.2	60.8	53.5	55.2
14/5/2018 16:54	58.6	60.4	55.3	
14/5/2018 16:59	57.6	59.5	54.9	
14/5/2018 17:04	56.2	58.8	53.1	
14/5/2018 17:09	55.3	57.3	53.1	
14/5/2018 17:14	54.4	56.1	52.3	53.8
14/5/2018 17:19	54.8	56.9	52.3	
14/5/2018 17:24	56.3	60.0	51.3	
14/5/2018 17:29	53.7	56.2	50.6	
14/5/2018 17:34	53.6	55.5	51.2	
14/5/2018 17:39	54.8	57.1	51.9	54.3
14/5/2018 17:44	52.7	54.4	50.1	
14/5/2018 17:49	52.1	53.9	49.7	
14/5/2018 17:54	55.0	57.9	51.3	
14/5/2018 17:59	54.1	56.1	51.4	
14/5/2018 18:04	54.0	56.1	51.6	54.2
14/5/2018 18:09	54.4	56.6	51.2	
14/5/2018 18:14	55.0	56.8	52.0	
14/5/2018 18:19	54.6	57.3	50.7	
14/5/2018 18:24	54.6	57.7	50.2	
14/5/2018 18:29	52.9	55.4	49.4	59.4
14/5/2018 18:34	52.1	54.2	49.8	
14/5/2018 18:39	55.1	57.3	52.2	
14/5/2018 18:44	53.2	55.4	51.2	
14/5/2018 18:49	54.7	57.7	51.2	
14/5/2018 18:54	54.4	56.6	51.2	53.7
14/5/2018 18:59	54.9	57.9	51.5	
15/5/2018 7:04	53.1	56.6	48.6	
15/5/2018 7:09	54.1	57.8	48.9	
15/5/2018 7:14	52.6	53.8	48.3	
15/5/2018 7:19	55.1	57.9	50.3	59.6
15/5/2018 7:24	53.5	56.5	49.8	
15/5/2018 7:29	66.0	63.6	49.9	
15/5/2018 7:34	55.0	56.4	53.4	
15/5/2018 7:39	55.2	58.7	50.2	
15/5/2018 7:44	52.1	54.0	49.6	56.1
15/5/2018 7:49	53.6	56.3	50.3	
15/5/2018 7:54	51.9	53.0	50.4	
15/5/2018 7:59	53.4	55.7	51.3	

Measured Noise Levels at NMS-CA-4 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
15/5/2018 8:04	53.3	56.0	50.2	54.2
15/5/2018 8:09	53.7	56.1	51.0	
15/5/2018 8:14	55.1	57.3	52.6	
15/5/2018 8:19	54.5	56.0	52.8	
15/5/2018 8:24	54.6	56.1	53.3	
15/5/2018 8:29	54.0	55.8	52.2	57.8
15/5/2018 8:34	54.9	57.1	53.3	
15/5/2018 8:39	55.0	56.6	53.2	
15/5/2018 8:44	57.1	58.8	55.3	
15/5/2018 8:49	57.8	59.2	56.0	
15/5/2018 8:54	60.8	62.2	57.7	62.5
15/5/2018 8:59	58.5	59.5	57.7	
15/5/2018 9:04	57.7	58.9	56.4	
15/5/2018 9:09	57.5	58.2	55.8	
15/5/2018 9:14	58.9	60.4	57.1	
15/5/2018 9:19	61.8	64.3	56.4	61.8
15/5/2018 9:24	65.5	68.7	60.0	
15/5/2018 9:29	65.6	68.5	60.5	
15/5/2018 9:34	62.5	64.7	57.7	
15/5/2018 9:39	62.5	63.6	57.5	
15/5/2018 9:44	62.7	65.3	59.4	61.5
15/5/2018 9:49	61.9	64.3	58.8	
15/5/2018 9:54	60.1	61.2	57.6	
15/5/2018 9:59	60.3	62.5	57.9	
15/5/2018 10:04	65.0	63.3	57.5	
15/5/2018 10:09	57.6	59.7	54.5	59.6
15/5/2018 10:14	57.7	59.4	54.1	
15/5/2018 10:19	59.7	61.9	56.4	
15/5/2018 10:24	63.8	66.4	58.2	
15/5/2018 10:29	59.3	61.2	56.1	
15/5/2018 10:34	60.0	61.4	58.2	59.5
15/5/2018 10:39	60.8	62.3	58.5	
15/5/2018 10:44	59.2	60.5	57.5	
15/5/2018 10:49	58.5	60.5	56.0	
15/5/2018 10:54	57.9	59.4	56.3	
15/5/2018 10:59	60.7	64.5	56.9	59.6
15/5/2018 11:04	58.0	59.8	55.5	
15/5/2018 11:09	57.0	58.8	54.7	
15/5/2018 11:14	57.7	59.6	55.3	
15/5/2018 11:19	58.1	59.7	55.6	
15/5/2018 11:24	58.2	60.3	55.4	59.6
15/5/2018 11:29	63.6	62.1	56.0	
15/5/2018 11:34	57.9	59.5	55.0	
15/5/2018 11:39	57.6	59.5	54.6	
15/5/2018 11:44	56.9	59.0	54.0	
15/5/2018 11:49	63.5	62.6	54.1	56.1
15/5/2018 11:54	60.1	63.7	53.3	
15/5/2018 11:59	57.1	60.4	53.1	
15/5/2018 12:04	56.2	58.7	52.7	
15/5/2018 12:09	56.0	57.5	52.7	
15/5/2018 12:14	56.3	58.3	53.4	56.1
15/5/2018 12:19	56.8	58.6	53.0	
15/5/2018 12:24	54.8	56.8	52.6	
15/5/2018 12:29	56.0	58.9	52.7	

Measured Noise Levels at NMS-CA-4 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
15/5/2018 12:34	57.3	60.0	52.6	59.9
15/5/2018 12:39	55.8	57.8	52.2	
15/5/2018 12:44	56.7	58.9	53.3	
15/5/2018 12:49	56.4	58.5	53.6	
15/5/2018 12:54	65.5	62.7	53.9	
15/5/2018 12:59	57.1	59.4	54.5	
15/5/2018 13:04	57.7	59.3	54.7	63.4
15/5/2018 13:09	58.0	59.6	56.0	
15/5/2018 13:14	57.4	59.4	55.0	
15/5/2018 13:19	58.3	60.3	56.3	
15/5/2018 13:24	69.8	73.2	57.6	
15/5/2018 13:29	60.0	62.8	56.4	
15/5/2018 13:34	60.5	62.8	57.2	61.2
15/5/2018 13:39	59.7	61.4	57.7	
15/5/2018 13:44	65.5	62.1	57.2	
15/5/2018 13:49	58.6	60.2	55.4	
15/5/2018 13:54	59.2	61.3	56.7	
15/5/2018 13:59	58.5	60.1	56.3	
15/5/2018 14:04	57.2	59.2	54.4	60.0
15/5/2018 14:09	57.1	59.0	54.1	
15/5/2018 14:14	57.8	59.2	55.7	
15/5/2018 14:19	64.4	67.3	55.4	
15/5/2018 14:24	59.3	61.4	56.8	
15/5/2018 14:29	58.5	60.2	56.6	
15/5/2018 14:34	62.7	63.0	56.2	61.6
15/5/2018 14:39	58.4	60.2	56.3	
15/5/2018 14:44	59.5	60.8	56.6	
15/5/2018 14:49	58.7	60.4	56.5	
15/5/2018 14:54	65.0	65.4	57.4	
15/5/2018 14:59	61.4	63.4	58.7	
15/5/2018 15:04	64.1	65.8	59.7	62.7
15/5/2018 15:09	60.3	61.8	58.5	
15/5/2018 15:14	61.4	63.7	58.1	
15/5/2018 15:19	66.1	67.0	59.4	
15/5/2018 15:24	61.2	63.3	58.4	
15/5/2018 15:29	59.4	61.4	57.1	
15/5/2018 15:34	60.4	62.2	58.3	58.4
15/5/2018 15:39	60.7	62.4	58.7	
15/5/2018 15:44	57.2	59.2	54.5	
15/5/2018 15:49	56.8	59.2	53.9	
15/5/2018 15:54	57.2	59.8	53.3	
15/5/2018 15:59	55.9	58.1	53.0	
15/5/2018 16:04	55.0	57.0	52.9	58.6
15/5/2018 16:09	56.2	58.3	53.7	
15/5/2018 16:14	58.1	61.0	53.0	
15/5/2018 16:19	63.3	62.5	53.8	
15/5/2018 16:24	56.6	59.2	53.4	
15/5/2018 16:29	56.2	58.2	53.5	
15/5/2018 16:34	55.4	57.4	52.4	60.1
15/5/2018 16:39	62.7	62.1	53.4	
15/5/2018 16:44	55.8	58.1	53.1	
15/5/2018 16:49	57.7	59.0	53.5	
15/5/2018 16:54	64.1	60.3	53.3	
15/5/2018 16:59	55.3	57.7	52.4	

Measured Noise Levels at NMS-CA-4 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
15/5/2018 17:04	56.4	58.5	53.3	58.9
15/5/2018 17:09	63.8	65.3	53.9	
15/5/2018 17:14	55.7	58.3	52.3	
15/5/2018 17:19	57.1	58.8	54.0	
15/5/2018 17:24	57.1	59.3	53.6	
15/5/2018 17:29	56.1	58.7	52.8	
15/5/2018 17:34	54.3	55.9	52.0	55.0
15/5/2018 17:39	55.9	58.2	52.1	
15/5/2018 17:44	55.3	58.1	52.3	
15/5/2018 17:49	54.3	56.2	51.5	
15/5/2018 17:54	55.1	58.1	51.3	
15/5/2018 17:59	54.6	56.5	52.0	
15/5/2018 18:04	56.7	60.0	52.2	54.8
15/5/2018 18:09	55.8	58.5	51.2	
15/5/2018 18:14	54.0	57.4	48.9	
15/5/2018 18:19	54.0	56.9	50.2	
15/5/2018 18:24	53.7	56.7	50.2	
15/5/2018 18:29	53.7	56.4	50.1	
15/5/2018 18:34	54.8	57.5	50.9	54.7
15/5/2018 18:39	54.3	57.2	50.9	
15/5/2018 18:44	54.2	57.3	50.9	
15/5/2018 18:49	54.2	56.8	50.8	
15/5/2018 18:54	55.3	57.5	51.5	
15/5/2018 18:59	55.2	57.5	51.7	
16/5/2018 7:04	52.8	54.2	50.0	55.6
16/5/2018 7:09	51.6	54.2	49.1	
16/5/2018 7:14	52.9	55.0	49.9	
16/5/2018 7:19	54.6	57.5	51.0	
16/5/2018 7:24	53.3	56.2	50.6	
16/5/2018 7:29	60.5	64.8	52.0	
16/5/2018 7:34	60.5	64.3	53.8	60.9
16/5/2018 7:39	62.9	67.4	53.0	
16/5/2018 7:44	55.3	58.1	51.4	
16/5/2018 7:49	62.2	66.1	52.3	
16/5/2018 7:54	59.9	62.3	51.1	
16/5/2018 7:59	61.5	65.7	52.6	
16/5/2018 8:04	60.7	64.8	51.6	61.9
16/5/2018 8:09	62.6	66.8	52.8	
16/5/2018 8:14	59.8	63.2	52.9	
16/5/2018 8:19	64.1	68.4	51.9	
16/5/2018 8:24	61.9	65.3	52.7	
16/5/2018 8:29	60.6	64.2	53.8	
16/5/2018 8:34	62.7	66.2	56.3	61.5
16/5/2018 8:39	62.2	65.9	56.1	
16/5/2018 8:44	61.6	64.5	55.9	
16/5/2018 8:49	61.2	64.2	56.1	
16/5/2018 8:54	61.3	64.9	55.9	
16/5/2018 8:59	58.8	61.0	55.5	
16/5/2018 9:04	56.7	57.8	55.0	59.0
16/5/2018 9:09	57.9	58.8	55.5	
16/5/2018 9:14	57.1	58.7	55.1	
16/5/2018 9:19	56.7	58.2	54.1	
16/5/2018 9:24	58.4	60.5	54.6	
16/5/2018 9:29	63.0	64.5	55.5	

Measured Noise Levels at NMS-CA-4 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
16/5/2018 9:34	58.3	60.1	54.9	60.9
16/5/2018 9:40	57.7	59.4	55.4	
16/5/2018 9:45	58.2	59.5	56.3	
16/5/2018 9:50	63.3	63.4	56.8	
16/5/2018 9:55	58.1	59.2	55.9	
16/5/2018 10:00	64.2	59.9	54.2	61.6
16/5/2018 10:05	60.3	61.1	56.1	
16/5/2018 10:10	58.6	60.0	55.3	
16/5/2018 10:15	57.7	59.7	55.3	
16/5/2018 10:20	64.1	66.6	56.0	
16/5/2018 10:25	57.5	60.0	54.8	62.5
16/5/2018 10:30	65.1	65.7	57.6	
16/5/2018 10:35	62.0	61.6	55.9	
16/5/2018 10:40	59.4	60.6	56.7	
16/5/2018 10:45	66.5	70.9	56.6	
16/5/2018 10:50	58.8	59.8	55.2	59.3
16/5/2018 10:55	57.9	59.6	56.1	
16/5/2018 11:00	63.9	65.2	57.4	
16/5/2018 11:05	60.7	62.4	56.3	
16/5/2018 11:10	58.8	60.4	56.8	
16/5/2018 11:15	59.4	61.0	57.2	63.7
16/5/2018 11:20	59.1	60.5	56.4	
16/5/2018 11:25	59.6	59.7	56.1	
16/5/2018 11:30	57.4	60.0	54.2	
16/5/2018 11:35	57.5	59.3	54.8	
16/5/2018 11:40	68.1	64.5	58.0	58.5
16/5/2018 11:45	65.5	64.9	57.5	
16/5/2018 11:50	60.5	62.5	57.3	
16/5/2018 11:55	56.4	58.5	53.9	
16/5/2018 12:00	62.9	61.5	54.2	
16/5/2018 12:05	58.5	60.8	53.4	59.6
16/5/2018 12:10	56.2	58.8	52.4	
16/5/2018 12:15	54.4	56.8	51.7	
16/5/2018 12:20	54.9	57.3	51.6	
16/5/2018 12:25	63.5	63.7	53.6	
16/5/2018 12:30	55.4	57.5	52.6	67.3
16/5/2018 12:35	65.9	61.6	51.8	
16/5/2018 12:40	53.6	55.6	51.1	
16/5/2018 12:45	55.1	57.4	52.4	
16/5/2018 12:50	54.5	56.5	52.1	
16/5/2018 12:55	56.1	58.9	52.6	68.3
16/5/2018 13:00	56.0	58.0	53.1	
16/5/2018 13:05	63.9	65.6	54.3	
16/5/2018 13:10	71.5	73.9	66.1	
16/5/2018 13:15	67.8	70.4	64.4	
16/5/2018 13:20	64.8	66.0	62.4	68.3
16/5/2018 13:25	65.6	67.8	62.4	
16/5/2018 13:30	64.6	66.5	61.9	
16/5/2018 13:35	65.7	68.1	62.0	
16/5/2018 13:40	67.6	70.0	63.6	
16/5/2018 13:45	70.7	73.9	64.4	68.3
16/5/2018 13:50	68.0	71.0	63.5	
16/5/2018 13:55	69.0	70.0	62.1	
16/5/2018 14:00	67.2	70.3	62.9	

Measured Noise Levels at NMS-CA-4 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
16/5/2018 14:05	65.1	67.8	61.3	64.6
16/5/2018 14:10	65.0	67.4	61.4	
16/5/2018 14:15	65.1	67.6	61.5	
16/5/2018 14:20	63.9	66.0	61.4	
16/5/2018 14:25	65.5	68.2	61.4	
16/5/2018 14:30	62.0	63.9	59.8	62.9
16/5/2018 14:35	66.9	68.0	57.4	
16/5/2018 14:40	60.2	59.9	55.4	
16/5/2018 14:45	62.5	60.2	56.1	
16/5/2018 14:50	59.2	60.6	57.5	
16/5/2018 14:55	64.4	61.4	56.0	66.5
16/5/2018 15:00	56.2	57.9	53.2	
16/5/2018 15:05	55.2	57.0	53.3	
16/5/2018 15:10	55.8	58.1	53.6	
16/5/2018 15:15	56.0	58.1	53.7	
16/5/2018 15:20	54.9	57.0	52.7	81.1
16/5/2018 15:25	57.0	59.2	53.4	
16/5/2018 15:30	74.0	78.5	55.0	
16/5/2018 15:35	80.9	85.5	60.5	
16/5/2018 15:40	83.7	85.8	79.7	
16/5/2018 15:45	82.0	85.2	74.1	69.2
16/5/2018 15:50	81.4	85.9	70.3	
16/5/2018 15:55	80.2	83.2	67.8	
16/5/2018 16:00	71.4	74.9	66.4	
16/5/2018 16:05	68.3	70.8	61.2	
16/5/2018 16:10	69.6	71.6	65.9	61.8
16/5/2018 16:15	69.1	71.6	65.2	
16/5/2018 16:20	71.3	73.7	65.1	
16/5/2018 16:25	69.2	71.9	64.4	
16/5/2018 16:30	66.6	69.2	62.2	
16/5/2018 16:35	64.4	67.1	59.9	59.1
16/5/2018 16:40	62.7	64.5	59.6	
16/5/2018 16:45	62.2	64.8	58.7	
16/5/2018 16:50	62.1	64.7	58.5	
16/5/2018 16:55	57.1	59.3	53.1	
16/5/2018 17:00	57.6	60.1	53.1	59.3
16/5/2018 17:05	55.9	58.4	52.1	
16/5/2018 17:10	54.6	57.3	51.8	
16/5/2018 17:15	60.4	60.1	52.0	
16/5/2018 17:20	54.1	55.8	51.8	
16/5/2018 17:25	54.5	56.7	51.6	54.6
16/5/2018 17:30	64.0	65.1	50.2	
16/5/2018 17:35	55.7	56.3	51.0	
16/5/2018 17:40	60.1	57.9	51.4	
16/5/2018 17:45	56.5	57.6	50.6	
16/5/2018 17:50	64.4	62.9	51.1	54.6
16/5/2018 17:55	53.5	56.0	51.3	
16/5/2018 18:00	53.6	57.2	50.0	
16/5/2018 18:05	54.8	57.9	51.0	
16/5/2018 18:10	52.5	55.3	49.7	
16/5/2018 18:15	54.6	57.8	50.3	54.6
16/5/2018 18:20	55.2	58.6	50.9	
16/5/2018 18:25	54.9	58.1	50.4	
16/5/2018 18:30	55.3	58.3	50.8	

Measured Noise Levels at NMS-CA-4 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
16/5/2018 18:35	54.1	56.7	50.3	53.2
16/5/2018 18:40	54.7	57.6	50.6	
16/5/2018 18:45	52.1	54.5	49.3	
16/5/2018 18:50	53.2	56.7	48.7	
16/5/2018 18:55	52.1	53.6	49.7	
17/5/2018 7:00	51.9	54.9	48.6	60.0
17/5/2018 7:05	52.7	55.4	49.7	
17/5/2018 7:10	52.8	54.4	49.9	
17/5/2018 7:15	54.2	56.1	50.7	
17/5/2018 7:20	52.6	55.2	49.8	
17/5/2018 7:25	67.0	63.5	50.5	53.2
17/5/2018 7:30	53.0	55.5	50.1	
17/5/2018 7:35	53.2	56.0	50.6	
17/5/2018 7:40	53.1	54.5	51.4	
17/5/2018 7:45	53.9	56.6	51.7	
17/5/2018 7:50	54.5	57.5	51.0	60.0
17/5/2018 7:55	51.9	53.3	50.0	
17/5/2018 8:00	52.2	54.0	49.6	
17/5/2018 8:05	52.7	54.9	50.5	
17/5/2018 8:10	54.1	56.4	51.8	
17/5/2018 8:15	54.0	57.1	50.5	60.8
17/5/2018 8:20	53.9	57.0	50.4	
17/5/2018 8:25	66.8	61.9	51.9	
17/5/2018 8:30	53.3	55.5	50.6	
17/5/2018 8:35	53.5	56.4	50.4	
17/5/2018 8:40	56.1	58.6	51.9	63.4
17/5/2018 8:45	60.9	63.9	56.2	
17/5/2018 8:50	66.0	68.3	55.8	
17/5/2018 8:55	58.9	61.7	55.6	
17/5/2018 9:00	57.6	59.9	54.5	
17/5/2018 9:05	58.3	61.0	54.8	58.5
17/5/2018 9:10	58.3	61.1	54.2	
17/5/2018 9:15	64.5	67.1	58.4	
17/5/2018 9:20	62.1	64.5	58.9	
17/5/2018 9:25	68.0	65.1	60.4	
17/5/2018 9:30	60.4	64.3	52.9	60.2
17/5/2018 9:35	55.1	57.8	51.8	
17/5/2018 9:40	64.1	65.1	52.4	
17/5/2018 9:45	54.8	57.1	52.0	
17/5/2018 9:50	54.0	56.0	51.8	
17/5/2018 9:55	56.7	58.6	52.4	62.2
17/5/2018 10:00	54.6	57.3	51.9	
17/5/2018 10:05	55.2	57.6	52.2	
17/5/2018 10:10	55.1	57.4	52.5	
17/5/2018 10:15	56.9	57.4	52.4	
17/5/2018 10:20	55.3	57.5	52.9	62.2
17/5/2018 10:25	65.9	66.0	54.6	
17/5/2018 10:30	59.9	62.7	56.0	
17/5/2018 10:35	60.5	63.1	56.6	
17/5/2018 10:40	57.3	58.9	55.4	
17/5/2018 10:45	57.3	59.5	54.9	62.2
17/5/2018 10:50	58.3	60.3	55.3	
17/5/2018 10:55	63.2	63.0	54.9	
17/5/2018 11:00	67.0	68.2	55.0	

Measured Noise Levels at NMS-CA-4 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
17/5/2018 11:05	58.4	61.4	54.8	59.2
17/5/2018 11:10	58.6	60.4	56.2	
17/5/2018 11:15	61.2	65.0	55.4	
17/5/2018 11:20	56.3	58.3	54.6	
17/5/2018 11:25	56.4	58.0	54.6	
17/5/2018 11:30	61.3	65.8	55.2	59.5
17/5/2018 11:35	56.3	57.9	54.1	
17/5/2018 11:40	65.2	63.9	55.3	
17/5/2018 11:45	57.4	59.4	54.8	
17/5/2018 11:50	56.2	58.4	53.1	
17/5/2018 11:55	55.8	58.6	52.7	54.1
17/5/2018 12:00	53.5	56.0	51.3	
17/5/2018 12:05	54.2	57.3	50.8	
17/5/2018 12:10	53.9	55.6	51.4	
17/5/2018 12:15	53.3	55.6	50.8	
17/5/2018 12:20	54.1	56.5	51.3	59.0
17/5/2018 12:25	54.3	56.5	51.1	
17/5/2018 12:30	54.7	57.4	52.1	
17/5/2018 12:35	53.5	56.0	51.1	
17/5/2018 12:40	64.9	65.9	50.9	
17/5/2018 12:45	54.3	56.8	51.1	63.1
17/5/2018 12:50	55.9	58.5	52.7	
17/5/2018 12:55	55.1	57.0	52.4	
17/5/2018 13:00	56.9	59.8	52.1	
17/5/2018 13:05	56.8	58.0	55.1	
17/5/2018 13:10	65.5	66.7	55.6	83.1
17/5/2018 13:15	58.4	60.1	56.5	
17/5/2018 13:20	65.0	65.4	58.0	
17/5/2018 13:25	60.0	62.3	57.5	
17/5/2018 13:30	65.4	69.7	58.2	
17/5/2018 13:35	62.9	65.7	60.4	67.7
17/5/2018 13:40	64.8	67.0	60.4	
17/5/2018 13:45	88.2	90.2	63.3	
17/5/2018 13:50	84.3	85.5	80.4	
17/5/2018 13:55	82.6	85.5	66.9	
17/5/2018 14:00	80.7	85.1	66.8	69.7
17/5/2018 14:05	65.0	67.1	63.1	
17/5/2018 14:10	67.7	70.1	62.4	
17/5/2018 14:15	69.4	71.3	63.0	
17/5/2018 14:20	67.8	69.1	62.7	
17/5/2018 14:25	67.8	70.6	62.8	62.8
17/5/2018 14:30	67.3	69.4	63.0	
17/5/2018 14:35	65.4	67.1	59.8	
17/5/2018 14:40	67.1	68.9	63.8	
17/5/2018 14:45	66.1	68.1	63.1	
17/5/2018 14:50	76.2	82.8	58.1	62.8
17/5/2018 14:55	59.4	60.8	57.4	
17/5/2018 15:00	60.0	61.7	58.0	
17/5/2018 15:05	61.9	62.3	58.1	
17/5/2018 15:10	59.4	60.9	57.6	
17/5/2018 15:15	67.6	67.8	57.1	62.8
17/5/2018 15:20	60.2	61.8	57.9	
17/5/2018 15:25	59.3	60.8	57.0	
17/5/2018 15:30	61.2	62.3	58.2	

Measured Noise Levels at NMS-CA-4 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
17/5/2018 15:35	60.8	61.7	58.1	62.3
17/5/2018 15:40	63.3	65.0	58.7	
17/5/2018 15:45	59.8	61.6	57.5	
17/5/2018 15:50	59.8	61.4	57.4	
17/5/2018 15:55	65.1	67.5	56.3	
17/5/2018 16:00	62.4	63.0	54.7	62.3
17/5/2018 16:05	65.6	64.9	55.3	
17/5/2018 16:10	56.2	58.1	54.1	
17/5/2018 16:15	57.8	59.1	54.3	
17/5/2018 16:20	57.0	59.4	53.6	
17/5/2018 16:25	62.8	62.7	53.4	59.8
17/5/2018 16:30	64.9	66.5	54.0	
17/5/2018 16:35	63.9	63.8	53.9	
17/5/2018 16:40	56.0	57.7	54.1	
17/5/2018 16:45	55.3	57.0	52.9	
17/5/2018 16:50	56.1	58.3	53.3	57.9
17/5/2018 16:55	62.5	62.5	52.7	
17/5/2018 17:00	56.1	58.5	52.5	
17/5/2018 17:05	53.7	55.6	51.5	
17/5/2018 17:10	54.6	56.7	52.1	
17/5/2018 17:15	55.7	58.0	53.0	54.7
17/5/2018 17:20	62.8	60.6	51.7	
17/5/2018 17:25	57.3	59.8	52.7	
17/5/2018 17:30	55.4	57.3	53.0	
17/5/2018 17:35	56.2	59.0	52.0	
17/5/2018 17:40	54.6	56.9	51.8	54.5
17/5/2018 17:45	55.1	58.0	51.8	
17/5/2018 17:50	55.0	57.9	51.1	
17/5/2018 17:55	53.2	55.6	50.5	
17/5/2018 18:00	53.1	56.0	50.2	
17/5/2018 18:05	55.6	58.8	51.8	59.9
17/5/2018 18:10	54.6	57.1	51.6	
17/5/2018 18:15	56.2	59.5	50.8	
17/5/2018 18:20	54.4	57.1	51.6	
17/5/2018 18:25	52.5	53.9	50.2	
17/5/2018 18:30	52.3	55.5	49.4	53.7
17/5/2018 18:35	53.0	55.9	50.2	
17/5/2018 18:40	55.6	58.9	51.1	
17/5/2018 18:45	54.2	56.7	50.9	
17/5/2018 18:50	66.7	66.8	51.6	
17/5/2018 18:55	53.1	55.3	50.3	53.2
18/5/2018 7:00	52.5	54.4	50.3	
18/5/2018 7:05	53.5	55.7	50.7	
18/5/2018 7:10	52.0	54.1	50.2	
18/5/2018 7:15	52.7	54.3	49.5	
18/5/2018 7:20	55.0	56.0	50.2	58.4
18/5/2018 7:25	55.8	56.8	50.7	
18/5/2018 7:30	51.6	53.0	49.9	
18/5/2018 7:35	53.5	55.9	50.9	
18/5/2018 7:40	51.7	54.2	49.4	
18/5/2018 7:45	53.0	55.5	50.5	58.4
18/5/2018 7:50	54.6	57.1	51.9	
18/5/2018 7:55	52.1	54.0	50.2	
18/5/2018 8:00	53.8	56.6	50.2	

Measured Noise Levels at NMS-CA-4 during Normal Working Hours (0700-1900 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub> (30min)
18/5/2018 8:05	55.2	58.8	51.6	54.9
18/5/2018 8:10	55.1	57.4	52.0	
18/5/2018 8:15	54.6	56.3	52.3	
18/5/2018 8:20	53.9	56.2	51.1	
18/5/2018 8:25	54.1	56.4	50.4	
18/5/2018 8:30	56.1	57.6	54.3	73.5
18/5/2018 8:35	72.2	78.3	55.3	
18/5/2018 8:40	79.2	81.3	77.3	
18/5/2018 8:45	70.3	72.9	66.0	
18/5/2018 8:50	68.6	71.3	64.0	
18/5/2018 8:55	69.7	72.2	65.6	74.4
18/5/2018 9:00	68.7	71.3	65.2	
18/5/2018 9:05	69.6	71.4	65.8	
18/5/2018 9:10	72.7	75.6	67.7	
18/5/2018 9:15	75.0	77.3	69.8	
18/5/2018 9:20	73.8	77.5	70.3	77.4
18/5/2018 9:25	76.0	78.2	71.8	
18/5/2018 9:30	76.2	78.5	72.5	
18/5/2018 9:35	78.0	80.1	74.7	
18/5/2018 9:40	77.9	80.4	73.2	
18/5/2018 9:45	77.8	78.5	76.0	78.4
18/5/2018 9:50	79.2	80.9	74.4	
18/5/2018 9:55	77.9	80.8	57.2	
18/5/2018 10:00	58.7	60.5	56.9	
18/5/2018 10:05	65.8	68.2	55.8	
18/5/2018 10:10	78.8	80.4	73.4	71.1
18/5/2018 10:15	80.9	84.4	71.7	
18/5/2018 10:20	81.3	83.7	75.9	
18/5/2018 10:25	78.5	81.0	67.5	
18/5/2018 10:30	69.1	69.0	66.7	
18/5/2018 10:35	68.7	69.3	68.1	61.1
18/5/2018 10:40	76.5	79.8	68.4	
18/5/2018 10:45	72.4	75.5	66.9	
18/5/2018 10:50	67.7	69.1	58.4	
18/5/2018 10:55	61.0	63.6	57.9	
18/5/2018 11:00	60.3	63.0	56.4	59.3
18/5/2018 11:05	60.5	63.9	56.7	
18/5/2018 11:10	58.6	60.3	55.9	
18/5/2018 11:15	58.8	61.0	56.7	
18/5/2018 11:20	66.1	63.4	56.4	
18/5/2018 11:25	56.7	58.3	54.9	58.4
18/5/2018 11:30	57.1	58.4	53.9	
18/5/2018 11:35	54.7	56.4	52.7	
18/5/2018 11:40	56.1	57.5	53.0	
18/5/2018 11:45	56.0	58.5	52.6	
18/5/2018 11:50	64.7	65.3	53.4	58.4
18/5/2018 11:55	57.6	61.2	53.7	
18/5/2018 12:00	56.5	58.8	54.1	
18/5/2018 12:05	64.1	62.3	54.0	
18/5/2018 12:10	55.6	57.5	53.0	
18/5/2018 12:15	54.4	56.5	51.6	58.4
18/5/2018 12:20	56.1	58.3	52.9	
18/5/2018 12:25	54.7	57.3	51.9	
18/5/2018 12:30	54.2	56.4	52.2	

Average 67.9  
 Min 53.2  
 Max 83.7



Measured Noise Levels at NMS-CA-4 during Evening on Normal Weekdays (1900-2300 hours) and Holidays  
(0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
4/5/2018 19:01	57.1	59.0	54.7
4/5/2018 19:06	60.0	63.7	54.8
4/5/2018 19:11	62.5	66.1	55.9
4/5/2018 19:16	61.5	65.2	54.5
4/5/2018 19:21	59.8	63.6	53.8
4/5/2018 19:26	67.8	72.2	55.3
4/5/2018 19:31	60.6	63.5	54.1
4/5/2018 19:36	63.1	67.2	54.2
4/5/2018 19:41	62.5	65.9	55.6
4/5/2018 19:46	64.1	67.8	57.1
4/5/2018 19:51	62.5	66.0	56.4
4/5/2018 19:56	62.9	66.7	56.0
4/5/2018 20:01	64.8	68.8	55.6
4/5/2018 20:06	62.3	66.4	55.4
4/5/2018 20:11	61.9	65.4	54.2
4/5/2018 20:16	63.6	67.8	56.1
4/5/2018 20:21	62.6	66.7	55.0
4/5/2018 20:26	63.5	67.4	55.6
4/5/2018 20:31	64.9	68.4	55.0
4/5/2018 20:36	63.3	67.0	56.1
4/5/2018 20:41	62.7	66.4	54.4
4/5/2018 20:46	61.3	64.3	55.5
4/5/2018 20:51	65.7	68.9	55.1
4/5/2018 20:56	62.9	65.1	54.7
4/5/2018 21:01	62.3	66.0	55.3
4/5/2018 21:06	62.3	65.8	55.0
4/5/2018 21:11	58.4	61.3	54.0
4/5/2018 21:16	60.6	64.0	55.1
4/5/2018 21:21	62.9	65.9	54.5
4/5/2018 21:26	61.8	65.4	55.5
4/5/2018 21:31	64.7	67.7	55.0
4/5/2018 21:36	63.8	65.8	57.3
4/5/2018 21:41	64.8	68.9	56.0
4/5/2018 21:46	65.8	68.0	56.0
4/5/2018 21:51	63.9	67.2	56.3
4/5/2018 21:56	63.4	66.6	58.0
4/5/2018 22:01	63.3	66.8	55.9
4/5/2018 22:06	64.7	67.8	57.0
4/5/2018 22:11	63.9	67.0	57.1
4/5/2018 22:16	67.0	70.0	58.1
4/5/2018 22:21	63.9	66.9	59.0
4/5/2018 22:26	63.3	66.0	58.6
4/5/2018 22:31	62.9	66.4	57.2
4/5/2018 22:36	63.0	65.6	58.2
4/5/2018 22:41	64.7	68.0	58.5
4/5/2018 22:46	62.3	65.7	57.2
4/5/2018 22:51	63.2	67.0	56.2
4/5/2018 22:56	63.7	66.5	58.0

Measured Noise Levels at NMS-CA-4 during Evening on Normal Weekdays (1900-2300 hours) and Holidays  
(0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
5/5/2018 19:01	64.1	67.2	55.9
5/5/2018 19:06	62.8	66.7	56.6
5/5/2018 19:11	66.1	70.4	54.2
5/5/2018 19:16	68.7	71.1	55.2
5/5/2018 19:21	61.6	65.5	53.9
5/5/2018 19:26	64.6	68.3	55.1
5/5/2018 19:31	65.5	69.6	56.7
5/5/2018 19:36	63.6	66.9	56.1
5/5/2018 19:41	64.2	67.8	57.5
5/5/2018 19:46	64.9	66.6	58.6
5/5/2018 19:51	62.9	65.7	57.3
5/5/2018 19:56	64.6	67.9	55.4
5/5/2018 20:01	63.0	65.2	56.1
5/5/2018 20:06	61.6	63.7	55.2
5/5/2018 20:11	69.0	69.2	56.3
5/5/2018 20:16	64.7	67.6	55.4
5/5/2018 20:21	61.2	63.0	52.8
5/5/2018 20:26	64.3	68.5	54.2
5/5/2018 20:31	62.9	66.4	55.7
5/5/2018 20:36	62.2	65.6	52.6
5/5/2018 20:41	62.8	66.7	54.6
5/5/2018 20:46	63.7	66.7	55.4
5/5/2018 20:51	64.4	68.9	53.3
5/5/2018 20:56	61.6	65.6	53.9
5/5/2018 21:01	62.8	66.1	55.6
5/5/2018 21:06	61.0	64.4	53.7
5/5/2018 21:11	61.1	64.7	54.3
5/5/2018 21:16	61.4	64.7	53.4
5/5/2018 21:21	63.2	67.0	54.2
5/5/2018 21:26	62.5	66.4	54.8
5/5/2018 21:31	62.5	65.4	54.5
5/5/2018 21:36	61.5	65.6	55.0
5/5/2018 21:41	64.3	68.4	54.9
5/5/2018 21:46	60.7	64.2	53.5
5/5/2018 21:51	64.4	68.7	53.8
5/5/2018 21:56	61.3	65.3	52.7
5/5/2018 22:01	59.1	62.8	51.7
5/5/2018 22:06	60.1	63.2	52.3
5/5/2018 22:11	62.1	66.0	52.4
5/5/2018 22:16	62.2	66.4	53.2
5/5/2018 22:21	56.7	60.1	51.9
5/5/2018 22:26	59.8	63.9	52.8
5/5/2018 22:31	53.5	55.8	50.9
5/5/2018 22:36	53.0	55.1	50.9
5/5/2018 22:41	59.4	63.5	51.4
5/5/2018 22:46	56.1	60.0	50.7
5/5/2018 22:51	60.5	64.3	51.8
5/5/2018 22:56	57.0	60.4	50.1

Measured Noise Levels at NMS-CA-4 during Evening on Normal Weekdays (1900-2300 hours) and Holidays  
(0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
6/5/2018 7:01	62.6	63.4	50.5
6/5/2018 7:06	59.0	62.8	50.3
6/5/2018 7:11	59.9	64.2	51.6
6/5/2018 7:16	59.4	63.8	51.0
6/5/2018 7:21	61.3	65.8	51.7
6/5/2018 7:26	54.1	56.7	50.1
6/5/2018 7:31	66.3	70.6	50.8
6/5/2018 7:36	60.3	64.1	53.3
6/5/2018 7:41	62.8	66.9	53.3
6/5/2018 7:46	60.6	64.2	50.1
6/5/2018 7:51	60.6	65.0	53.2
6/5/2018 7:56	59.8	64.1	51.1
6/5/2018 8:01	62.4	66.0	50.6
6/5/2018 8:06	60.7	65.0	52.7
6/5/2018 8:11	60.5	65.3	50.8
6/5/2018 8:16	61.5	65.7	50.9
6/5/2018 8:21	60.1	64.6	50.3
6/5/2018 8:26	60.7	65.0	49.9
6/5/2018 8:31	61.2	66.1	49.1
6/5/2018 8:36	52.3	53.9	49.6
6/5/2018 8:41	53.1	56.4	48.5
6/5/2018 8:46	54.1	57.0	50.5
6/5/2018 8:51	56.2	58.6	52.6
6/5/2018 8:56	56.7	59.1	53.1
6/5/2018 9:01	55.6	57.5	53.2
6/5/2018 9:06	56.7	59.7	53.4
6/5/2018 9:11	56.1	58.7	53.0
6/5/2018 9:16	56.8	59.6	52.5
6/5/2018 9:21	55.7	57.8	50.9
6/5/2018 9:26	58.7	63.0	50.9
6/5/2018 9:31	56.4	57.6	51.9
6/5/2018 9:36	56.7	57.8	52.3
6/5/2018 9:41	58.3	60.7	52.4
6/5/2018 9:46	55.0	56.3	51.9
6/5/2018 9:51	55.2	57.4	50.9
6/5/2018 9:56	55.6	58.1	51.7
6/5/2018 10:01	55.5	58.3	52.0
6/5/2018 10:06	57.7	59.8	54.6
6/5/2018 10:11	55.1	57.7	50.7
6/5/2018 10:16	54.1	56.8	51.0
6/5/2018 10:21	56.1	59.1	51.2
6/5/2018 10:26	54.2	57.2	50.3
6/5/2018 10:31	53.8	56.5	50.1
6/5/2018 10:36	54.8	57.7	51.6
6/5/2018 10:41	55.6	58.9	51.5
6/5/2018 10:46	56.7	59.6	52.2
6/5/2018 10:51	58.3	60.8	53.2
6/5/2018 10:56	66.5	66.4	54.5
6/5/2018 11:01	56.1	58.7	52.5
6/5/2018 11:06	61.4	63.3	51.5
6/5/2018 11:11	56.2	58.8	51.8
6/5/2018 11:16	56.6	59.5	52.2
6/5/2018 11:21	56.7	58.7	53.3
6/5/2018 11:26	58.8	60.7	54.5

Measured Noise Levels at NMS-CA-4 during Evening on Normal Weekdays (1900-2300 hours) and Holidays  
(0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
6/5/2018 11:31	58.4	61.2	54.0
6/5/2018 11:36	58.0	60.6	53.3
6/5/2018 11:41	56.6	58.9	52.2
6/5/2018 11:46	55.3	57.8	51.8
6/5/2018 11:51	55.6	58.3	51.8
6/5/2018 11:56	55.9	58.4	52.5
6/5/2018 12:01	55.9	58.4	52.7
6/5/2018 12:06	55.9	57.6	51.7
6/5/2018 12:11	54.7	57.2	51.1
6/5/2018 12:16	56.3	59.5	51.1
6/5/2018 12:21	60.1	64.8	52.6
6/5/2018 12:26	59.0	63.0	52.3
6/5/2018 12:31	61.5	63.3	51.7
6/5/2018 12:36	62.4	61.7	52.5
6/5/2018 12:41	56.0	58.5	52.3
6/5/2018 12:46	56.7	59.3	53.0
6/5/2018 12:51	57.8	60.9	53.2
6/5/2018 12:56	59.1	62.3	54.3
6/5/2018 13:01	58.3	61.3	54.5
6/5/2018 13:06	57.2	59.6	53.7
6/5/2018 13:11	55.4	57.4	51.9
6/5/2018 13:16	55.6	57.7	52.0
6/5/2018 13:21	56.5	58.8	53.2
6/5/2018 13:26	58.0	59.9	55.0
6/5/2018 13:31	58.4	61.0	53.6
6/5/2018 13:36	56.7	59.2	53.0
6/5/2018 13:41	57.7	60.9	52.9
6/5/2018 13:46	55.1	57.3	52.0
6/5/2018 13:51	56.6	58.8	52.9
6/5/2018 13:56	56.1	58.2	52.4
6/5/2018 14:01	55.5	57.7	52.0
6/5/2018 14:06	55.9	58.2	52.9
6/5/2018 14:11	56.2	58.3	52.7
6/5/2018 14:16	57.6	60.0	53.4
6/5/2018 14:21	56.1	58.3	53.3
6/5/2018 14:26	61.3	62.8	53.1
6/5/2018 14:31	56.1	58.4	52.4
6/5/2018 14:36	57.5	59.4	54.1
6/5/2018 14:41	57.3	59.8	53.7
6/5/2018 14:46	56.6	59.2	53.4
6/5/2018 14:51	57.1	59.3	53.8
6/5/2018 14:56	55.6	57.8	52.8
6/5/2018 15:01	55.2	57.7	52.0
6/5/2018 15:06	54.6	56.6	51.7
6/5/2018 15:11	61.8	59.6	52.7
6/5/2018 15:16	57.7	58.6	52.9
6/5/2018 15:21	55.2	57.6	52.0
6/5/2018 15:26	60.2	61.1	51.4
6/5/2018 15:31	54.8	57.3	51.7
6/5/2018 15:36	54.9	57.5	51.6
6/5/2018 15:41	54.3	56.4	51.8
6/5/2018 15:46	55.3	56.9	52.1
6/5/2018 15:51	55.4	57.7	52.5
6/5/2018 15:56	63.1	60.5	52.4

Measured Noise Levels at NMS-CA-4 during Evening on Normal Weekdays (1900-2300 hours) and Holidays  
(0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
6/5/2018 16:01	58.3	59.4	52.0
6/5/2018 16:06	54.6	56.5	52.0
6/5/2018 16:11	55.6	57.6	53.1
6/5/2018 16:16	55.0	57.6	51.8
6/5/2018 16:21	55.2	57.7	51.9
6/5/2018 16:26	54.9	57.3	51.8
6/5/2018 16:31	55.5	58.3	52.0
6/5/2018 16:36	54.5	56.7	51.9
6/5/2018 16:41	55.2	57.3	52.4
6/5/2018 16:46	56.4	58.9	52.1
6/5/2018 16:51	56.0	58.7	51.7
6/5/2018 16:56	55.7	58.6	51.9
6/5/2018 17:01	55.6	58.9	51.1
6/5/2018 17:06	53.7	56.5	50.4
6/5/2018 17:11	55.2	57.8	51.6
6/5/2018 17:16	57.3	59.6	52.5
6/5/2018 17:21	53.7	56.2	51.1
6/5/2018 17:26	54.2	57.4	51.1
6/5/2018 17:31	56.1	58.4	51.8
6/5/2018 17:36	59.8	63.0	53.3
6/5/2018 17:41	55.5	57.5	52.2
6/5/2018 17:46	54.8	57.5	51.4
6/5/2018 17:51	55.3	57.6	51.9
6/5/2018 17:56	53.0	55.4	50.2
6/5/2018 18:01	53.4	55.5	49.7
6/5/2018 18:06	55.0	58.1	50.5
6/5/2018 18:11	54.3	56.7	50.6
6/5/2018 18:16	55.5	59.2	50.5
6/5/2018 18:21	53.9	56.0	51.5
6/5/2018 18:26	54.1	56.3	50.8
6/5/2018 18:31	54.1	57.5	50.0
6/5/2018 18:36	55.3	57.9	51.0
6/5/2018 18:41	55.5	58.2	51.6
6/5/2018 18:46	55.0	57.9	51.1
6/5/2018 18:51	55.0	57.4	51.0
6/5/2018 18:56	53.6	55.7	50.3
6/5/2018 19:01	54.0	56.8	50.5
6/5/2018 19:06	55.1	57.8	51.6
6/5/2018 19:11	53.5	56.5	50.7
6/5/2018 19:16	54.6	57.2	50.9
6/5/2018 19:21	53.6	55.8	51.1
6/5/2018 19:26	54.8	57.3	51.6
6/5/2018 19:31	54.5	57.0	50.8
6/5/2018 19:36	54.2	57.1	51.0
6/5/2018 19:41	54.2	57.2	51.0
6/5/2018 19:46	54.6	57.2	50.9
6/5/2018 19:51	54.7	57.4	51.0
6/5/2018 19:56	57.9	60.0	52.0
6/5/2018 20:01	56.4	58.6	51.6
6/5/2018 20:06	54.8	58.0	50.7
6/5/2018 20:11	52.2	54.4	49.5
6/5/2018 20:16	54.0	56.2	51.5
6/5/2018 20:21	57.8	59.5	51.5
6/5/2018 20:26	57.9	59.3	52.3

Measured Noise Levels at NMS-CA-4 during Evening on Normal Weekdays (1900-2300 hours) and Holidays  
(0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
6/5/2018 20:31	54.8	57.5	51.1
6/5/2018 20:36	55.7	58.7	51.6
6/5/2018 20:41	54.2	56.9	50.3
6/5/2018 20:46	54.6	57.6	50.8
6/5/2018 20:51	54.6	57.1	51.6
6/5/2018 20:56	56.4	58.4	51.8
6/5/2018 21:01	55.1	58.2	51.4
6/5/2018 21:06	53.7	55.6	51.5
6/5/2018 21:11	53.2	55.4	50.4
6/5/2018 21:16	56.0	58.9	51.5
6/5/2018 21:21	54.0	56.2	51.4
6/5/2018 21:26	54.6	57.5	51.4
6/5/2018 21:31	56.7	59.1	52.2
6/5/2018 21:36	54.1	56.7	50.9
6/5/2018 21:41	54.1	56.1	51.6
6/5/2018 21:46	54.7	57.5	51.5
6/5/2018 21:51	54.2	56.8	50.7
6/5/2018 21:56	53.0	55.4	50.6
6/5/2018 22:01	54.5	58.0	50.6
6/5/2018 22:06	54.1	56.5	50.6
6/5/2018 22:11	55.9	59.2	51.8
6/5/2018 22:16	54.6	57.4	51.0
6/5/2018 22:21	52.5	54.6	50.3
6/5/2018 22:26	54.8	57.8	50.3
6/5/2018 22:31	56.0	58.8	51.2
6/5/2018 22:36	54.4	56.1	51.3
6/5/2018 22:41	53.4	55.0	50.5
6/5/2018 22:46	54.2	56.9	50.4
6/5/2018 22:51	53.2	55.9	50.1
6/5/2018 22:56	53.2	56.0	50.3

Measured Noise Levels at NMS-CA-4 during Evening on Normal Weekdays (1900-2300 hours) and Holidays  
(0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
7/5/2018 19:02	54.8	57.2	51.3
7/5/2018 19:07	53.7	56.4	50.4
7/5/2018 19:12	52.9	55.9	49.7
7/5/2018 19:17	53.7	56.4	50.6
7/5/2018 19:22	53.7	56.2	51.0
7/5/2018 19:27	55.2	58.7	50.1
7/5/2018 19:32	54.1	56.8	50.5
7/5/2018 19:37	54.3	57.0	51.0
7/5/2018 19:42	54.7	57.5	51.6
7/5/2018 19:47	54.1	57.1	51.0
7/5/2018 19:52	55.3	58.4	50.6
7/5/2018 19:57	56.5	58.9	51.8
7/5/2018 20:02	55.0	57.7	51.5
7/5/2018 20:07	54.6	57.7	50.8
7/5/2018 20:12	52.0	54.4	49.4
7/5/2018 20:17	54.3	57.0	50.8
7/5/2018 20:22	54.6	57.7	50.9
7/5/2018 20:27	54.3	57.2	50.6
7/5/2018 20:32	53.7	56.5	50.9
7/5/2018 20:37	54.9	57.5	51.3
7/5/2018 20:42	57.7	59.2	50.8
7/5/2018 20:47	53.9	56.6	50.2
7/5/2018 20:52	54.3	58.0	49.9
7/5/2018 20:57	53.7	56.0	50.7
7/5/2018 21:02	58.7	62.3	51.0
7/5/2018 21:07	54.6	57.5	51.2
7/5/2018 21:12	53.9	56.0	50.4
7/5/2018 21:17	54.7	57.9	50.9
7/5/2018 21:22	52.4	54.2	50.0
7/5/2018 21:27	53.0	56.7	49.8
7/5/2018 21:32	53.6	56.8	49.5
7/5/2018 21:37	53.7	56.0	51.3
7/5/2018 21:42	52.6	55.1	50.1
7/5/2018 21:47	53.4	56.4	50.0
7/5/2018 21:52	53.8	57.4	49.9
7/5/2018 21:57	54.1	56.2	50.7
7/5/2018 22:02	54.8	58.0	50.7
7/5/2018 22:07	54.0	55.6	50.6
7/5/2018 22:12	54.3	56.6	50.0
7/5/2018 22:17	53.9	56.5	50.3
7/5/2018 22:22	51.9	54.2	49.1
7/5/2018 22:27	55.3	58.0	51.2
7/5/2018 22:32	54.1	57.7	49.7
7/5/2018 22:37	52.6	55.3	50.6
7/5/2018 22:42	53.4	55.9	50.4
7/5/2018 22:47	53.2	56.1	50.2
7/5/2018 22:52	53.5	55.9	49.7
7/5/2018 22:57	66.4	70.3	50.4

Measured Noise Levels at NMS-CA-4 during Evening on Normal Weekdays (1900-2300 hours) and Holidays  
(0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
8/5/2018 19:02	61.9	66.1	53.1
8/5/2018 19:07	65.3	69.9	52.0
8/5/2018 19:12	65.7	69.7	52.3
8/5/2018 19:17	60.4	64.1	53.0
8/5/2018 19:22	63.0	67.5	53.2
8/5/2018 19:27	61.9	65.7	52.3
8/5/2018 19:32	65.2	69.1	54.0
8/5/2018 19:37	66.8	71.9	53.0
8/5/2018 19:42	63.3	67.4	52.2
8/5/2018 19:47	62.3	66.9	53.0
8/5/2018 19:52	61.6	65.8	52.3
8/5/2018 19:57	65.2	69.7	54.4
8/5/2018 20:02	64.5	69.0	56.3
8/5/2018 20:07	63.0	67.0	55.9
8/5/2018 20:12	62.2	65.6	55.0
8/5/2018 20:17	64.0	67.8	53.9
8/5/2018 20:22	63.3	68.3	53.1
8/5/2018 20:27	61.8	65.9	51.5
8/5/2018 20:32	63.7	68.2	53.5
8/5/2018 20:37	64.0	68.0	52.7
8/5/2018 20:42	64.9	68.5	52.9
8/5/2018 20:47	67.0	70.0	53.5
8/5/2018 20:52	61.5	65.9	53.2
8/5/2018 20:57	64.4	69.1	53.4
8/5/2018 21:02	66.3	69.9	53.8
8/5/2018 21:07	61.3	65.5	52.9
8/5/2018 21:12	62.9	66.7	55.0
8/5/2018 21:17	64.7	69.4	54.0
8/5/2018 21:22	62.4	66.7	53.3
8/5/2018 21:27	65.6	68.6	53.3
8/5/2018 21:32	60.5	64.7	52.9
8/5/2018 21:37	64.1	68.3	53.3
8/5/2018 21:42	62.4	66.8	54.1
8/5/2018 21:47	65.5	68.4	55.7
8/5/2018 21:52	65.5	69.7	55.3
8/5/2018 21:57	62.4	64.5	54.0
8/5/2018 22:02	57.1	60.8	52.2
8/5/2018 22:07	65.2	70.5	53.7
8/5/2018 22:12	63.1	67.5	55.2
8/5/2018 22:17	55.7	56.8	54.2
8/5/2018 22:22	55.1	56.8	53.2
8/5/2018 22:27	62.9	67.0	55.6
8/5/2018 22:32	57.6	58.8	56.3
8/5/2018 22:37	58.5	59.0	55.2
8/5/2018 22:42	63.9	67.9	57.2
8/5/2018 22:47	62.4	66.2	57.0
8/5/2018 22:52	57.9	59.7	56.1
8/5/2018 22:57	64.1	68.6	56.3

Measured Noise Levels at NMS-CA-4 during Evening on Normal Weekdays (1900-2300 hours) and Holidays  
(0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
9/5/2018 19:02	64.4	67.7	59.9
9/5/2018 19:07	64.3	67.4	59.7
9/5/2018 19:12	65.4	68.2	58.8
9/5/2018 19:17	64.4	67.6	58.1
9/5/2018 19:22	64.4	68.6	58.3
9/5/2018 19:27	67.2	71.0	59.5
9/5/2018 19:32	66.9	68.9	57.9
9/5/2018 19:37	68.1	72.9	57.7
9/5/2018 19:42	61.7	64.1	57.6
9/5/2018 19:47	64.4	68.3	58.0
9/5/2018 19:52	64.1	68.6	57.5
9/5/2018 19:57	63.7	66.8	58.1
9/5/2018 20:02	65.0	68.3	59.4
9/5/2018 20:07	64.1	67.4	58.6
9/5/2018 20:12	62.7	65.3	58.9
9/5/2018 20:17	63.4	66.6	58.2
9/5/2018 20:22	67.6	70.0	59.4
9/5/2018 20:27	63.5	66.1	59.1
9/5/2018 20:32	64.6	67.8	58.3
9/5/2018 20:37	64.6	67.9	59.5
9/5/2018 20:42	63.2	66.5	57.9
9/5/2018 20:47	62.6	65.7	57.8
9/5/2018 20:52	76.2	69.9	58.5
9/5/2018 20:57	64.1	67.5	58.8
9/5/2018 21:02	67.5	71.2	59.3
9/5/2018 21:07	63.9	67.1	59.2
9/5/2018 21:12	65.0	67.9	58.9
9/5/2018 21:17	69.4	73.4	60.4
9/5/2018 21:22	63.9	67.3	58.9
9/5/2018 21:27	63.4	66.3	58.6
9/5/2018 21:32	63.6	67.0	58.0
9/5/2018 21:37	63.2	65.9	58.5
9/5/2018 21:42	63.1	66.8	56.9
9/5/2018 21:47	62.7	66.1	57.1
9/5/2018 21:52	63.7	67.2	58.1
9/5/2018 21:57	65.2	68.8	58.7
9/5/2018 22:02	63.1	65.8	59.1
9/5/2018 22:07	63.9	67.1	59.2
9/5/2018 22:12	64.6	67.7	58.9
9/5/2018 22:17	64.8	67.9	60.2
9/5/2018 22:22	64.4	67.5	59.0
9/5/2018 22:27	65.6	69.8	58.5
9/5/2018 22:32	62.8	65.5	58.1
9/5/2018 22:37	62.9	64.9	58.9
9/5/2018 22:42	63.5	66.5	58.8
9/5/2018 22:47	62.3	65.3	58.4
9/5/2018 22:52	64.7	67.9	59.2
9/5/2018 22:57	62.9	66.1	57.9

Measured Noise Levels at NMS-CA-4 during Evening on Normal Weekdays (1900-2300 hours) and Holidays  
(0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
10/5/2018 19:03	61.3	64.4	56.8
10/5/2018 19:08	68.9	70.8	57.7
10/5/2018 19:13	62.3	64.7	57.0
10/5/2018 19:18	63.0	66.0	57.6
10/5/2018 19:23	64.0	67.7	56.8
10/5/2018 19:28	68.5	73.3	56.9
10/5/2018 19:33	65.8	69.7	56.7
10/5/2018 19:38	63.9	67.7	57.2
10/5/2018 19:43	65.3	69.0	57.5
10/5/2018 19:48	62.7	65.7	58.3
10/5/2018 19:53	68.5	72.3	58.5
10/5/2018 19:58	64.2	67.3	58.4
10/5/2018 20:03	61.2	64.1	57.3
10/5/2018 20:08	64.7	68.4	58.0
10/5/2018 20:13	63.7	67.4	56.9
10/5/2018 20:18	63.7	67.2	57.5
10/5/2018 20:23	60.6	63.2	57.1
10/5/2018 20:28	65.3	68.5	58.2
10/5/2018 20:33	63.1	66.3	58.5
10/5/2018 20:38	65.4	68.9	58.9
10/5/2018 20:43	63.9	67.4	58.1
10/5/2018 20:48	62.5	65.4	58.4
10/5/2018 20:53	63.1	66.1	57.0
10/5/2018 20:58	63.4	67.1	55.9
10/5/2018 21:03	62.6	65.5	56.9
10/5/2018 21:08	63.3	67.0	58.2
10/5/2018 21:13	63.8	66.3	58.1
10/5/2018 21:18	65.0	67.3	58.4
10/5/2018 21:23	61.6	64.4	57.7
10/5/2018 21:28	64.2	67.1	58.0
10/5/2018 21:33	62.8	66.4	57.7
10/5/2018 21:38	65.4	68.6	58.5
10/5/2018 21:43	62.2	65.2	58.2
10/5/2018 21:48	65.4	69.2	57.8
10/5/2018 21:53	61.6	64.2	57.9
10/5/2018 21:58	62.7	65.6	58.1
10/5/2018 22:03	63.4	66.8	56.8
10/5/2018 22:08	63.5	67.4	57.4
10/5/2018 22:13	62.0	65.1	56.5
10/5/2018 22:18	64.5	67.5	57.1
10/5/2018 22:23	66.1	65.9	58.2
10/5/2018 22:28	62.4	65.6	57.3
10/5/2018 22:33	64.1	67.7	56.5
10/5/2018 22:38	63.7	66.1	56.2
10/5/2018 22:43	60.6	64.0	55.8
10/5/2018 22:48	58.7	61.4	55.0
10/5/2018 22:53	60.0	63.0	55.0
10/5/2018 22:58	59.4	59.9	54.6

Measured Noise Levels at NMS-CA-4 during Evening on Normal Weekdays (1900-2300 hours) and Holidays  
(0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
11/5/2018 19:03	64.1	67.8	56.5
11/5/2018 19:08	65.5	69.4	56.1
11/5/2018 19:13	64.0	67.8	55.5
11/5/2018 19:18	60.5	64.0	54.5
11/5/2018 19:23	59.8	63.0	54.7
11/5/2018 19:28	64.3	68.3	54.3
11/5/2018 19:33	62.5	66.1	54.2
11/5/2018 19:38	62.8	66.4	54.4
11/5/2018 19:43	61.3	64.1	55.4
11/5/2018 19:48	69.9	72.9	59.3
11/5/2018 19:53	65.9	69.4	55.5
11/5/2018 19:58	65.4	69.4	56.0
11/5/2018 20:03	63.9	67.5	56.4
11/5/2018 20:08	63.6	67.5	56.4
11/5/2018 20:13	63.8	67.1	56.4
11/5/2018 20:18	64.2	68.1	56.9
11/5/2018 20:23	60.7	62.8	55.9
11/5/2018 20:28	64.8	68.6	54.6
11/5/2018 20:33	64.8	69.3	55.2
11/5/2018 20:38	62.0	65.4	55.8
11/5/2018 20:43	67.7	72.3	55.6
11/5/2018 20:48	66.8	70.9	56.3
11/5/2018 20:53	61.4	64.7	55.3
11/5/2018 20:58	66.8	70.2	56.1
11/5/2018 21:03	64.0	67.4	56.2
11/5/2018 21:08	63.9	67.7	55.6
11/5/2018 21:13	64.3	67.7	55.7
11/5/2018 21:18	63.6	67.5	56.0
11/5/2018 21:23	62.8	66.1	55.8
11/5/2018 21:28	63.2	66.2	57.9
11/5/2018 21:33	61.1	64.1	56.3
11/5/2018 21:38	64.6	68.8	56.9
11/5/2018 21:43	62.3	65.6	56.8
11/5/2018 21:48	65.0	68.0	56.1
11/5/2018 21:53	63.6	67.6	56.2
11/5/2018 21:58	64.5	68.5	56.5
11/5/2018 22:03	63.6	67.3	55.8
11/5/2018 22:08	64.0	67.8	56.4
11/5/2018 22:13	66.9	71.1	55.6
11/5/2018 22:18	62.0	65.1	55.5
11/5/2018 22:23	63.6	66.5	55.3
11/5/2018 22:28	63.2	66.4	56.0
11/5/2018 22:33	63.8	67.4	56.3
11/5/2018 22:38	61.6	65.1	55.3
11/5/2018 22:43	62.3	65.6	56.6
11/5/2018 22:48	62.8	67.0	55.8
11/5/2018 22:53	67.1	70.3	56.6
11/5/2018 22:58	61.9	65.8	55.6

Measured Noise Levels at NMS-CA-4 during Evening on Normal Weekdays (1900-2300 hours) and Holidays  
(0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
12/5/2018 19:03	64.2	68.7	51.8
12/5/2018 19:08	58.6	62.0	51.2
12/5/2018 19:13	63.3	68.3	51.4
12/5/2018 19:18	57.8	62.3	50.3
12/5/2018 19:23	61.9	65.9	52.1
12/5/2018 19:28	60.6	64.6	51.0
12/5/2018 19:33	61.3	65.5	51.8
12/5/2018 19:38	62.3	66.8	51.7
12/5/2018 19:43	60.2	65.2	50.3
12/5/2018 19:48	63.7	67.2	53.5
12/5/2018 19:53	60.4	65.4	51.6
12/5/2018 19:58	58.8	63.3	51.4
12/5/2018 20:03	61.9	66.2	52.3
12/5/2018 20:08	61.1	64.6	54.0
12/5/2018 20:13	61.3	65.5	52.8
12/5/2018 20:18	58.9	62.4	53.4
12/5/2018 20:23	62.1	65.9	53.8
12/5/2018 20:28	66.0	70.0	54.4
12/5/2018 20:33	59.8	63.6	51.7
12/5/2018 20:38	61.6	65.9	52.5
12/5/2018 20:43	66.2	69.8	52.6
12/5/2018 20:48	64.9	67.5	53.7
12/5/2018 20:53	63.4	67.2	53.9
12/5/2018 20:58	64.0	68.5	52.6
12/5/2018 21:03	61.7	65.2	54.7
12/5/2018 21:08	60.7	64.0	53.2
12/5/2018 21:13	62.8	66.0	53.4
12/5/2018 21:18	62.3	65.6	55.1
12/5/2018 21:23	60.4	63.5	53.8
12/5/2018 21:28	62.3	66.8	52.9
12/5/2018 21:33	64.0	68.0	53.2
12/5/2018 21:38	60.9	64.8	53.1
12/5/2018 21:43	63.1	67.4	53.9
12/5/2018 21:48	62.3	66.5	54.4
12/5/2018 21:53	63.1	67.3	54.6
12/5/2018 21:58	61.4	64.5	55.3
12/5/2018 22:03	65.7	69.3	55.4
12/5/2018 22:08	63.2	66.3	55.2
12/5/2018 22:13	62.2	65.8	55.2
12/5/2018 22:18	61.9	65.8	55.5
12/5/2018 22:23	59.7	62.1	55.4
12/5/2018 22:28	58.4	61.2	55.0
12/5/2018 22:33	56.1	58.3	52.4
12/5/2018 22:38	58.7	62.1	51.9
12/5/2018 22:43	59.7	63.6	52.7
12/5/2018 22:48	60.5	64.4	52.8
12/5/2018 22:53	66.4	70.4	53.2
12/5/2018 22:58	53.8	54.9	52.3

Measured Noise Levels at NMS-CA-4 during Evening on Normal Weekdays (1900-2300 hours) and Holidays  
(0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
13/5/2018 7:03	55.3	57.9	49.4
13/5/2018 7:08	53.4	56.1	50.0
13/5/2018 7:13	55.6	58.1	50.6
13/5/2018 7:18	58.1	61.2	49.3
13/5/2018 7:23	51.0	53.6	47.4
13/5/2018 7:28	58.7	63.9	48.8
13/5/2018 7:33	63.9	68.2	51.5
13/5/2018 7:38	62.2	66.7	50.6
13/5/2018 7:43	66.2	69.5	51.0
13/5/2018 7:48	58.5	63.6	49.9
13/5/2018 7:53	58.3	63.5	47.1
13/5/2018 7:58	58.2	61.3	47.4
13/5/2018 8:03	63.6	68.2	49.7
13/5/2018 8:08	63.6	67.7	50.2
13/5/2018 8:13	60.1	64.7	52.3
13/5/2018 8:18	54.3	56.2	50.6
13/5/2018 8:23	52.8	55.4	49.9
13/5/2018 8:28	51.6	53.5	49.4
13/5/2018 8:33	51.7	54.5	49.0
13/5/2018 8:38	51.8	54.2	48.4
13/5/2018 8:43	50.9	53.0	48.7
13/5/2018 8:48	52.9	55.1	50.4
13/5/2018 8:53	54.0	55.7	51.8
13/5/2018 8:58	52.9	56.0	49.2
13/5/2018 9:03	66.1	67.7	49.5
13/5/2018 9:08	54.2	56.4	51.4
13/5/2018 9:13	53.6	56.2	50.6
13/5/2018 9:18	53.3	55.4	50.5
13/5/2018 9:23	55.4	58.4	51.2
13/5/2018 9:28	54.4	56.8	51.9
13/5/2018 9:33	53.7	55.6	51.8
13/5/2018 9:38	54.5	56.9	52.3
13/5/2018 9:43	55.5	57.6	52.0
13/5/2018 9:48	56.2	58.7	53.1
13/5/2018 9:53	59.9	63.1	53.1
13/5/2018 9:58	58.9	60.8	54.1
13/5/2018 10:03	57.0	58.8	53.8
13/5/2018 10:08	55.3	57.3	52.7
13/5/2018 10:13	55.0	57.1	52.3
13/5/2018 10:18	56.4	59.0	52.3
13/5/2018 10:23	57.4	60.1	53.8
13/5/2018 10:28	58.3	61.7	52.6
13/5/2018 10:33	57.0	59.2	52.8
13/5/2018 10:38	56.0	57.8	52.6
13/5/2018 10:43	63.2	63.0	53.5
13/5/2018 10:48	57.3	60.4	52.2
13/5/2018 10:53	57.6	60.5	53.7
13/5/2018 10:58	57.6	60.6	53.9
13/5/2018 11:03	57.7	60.6	52.6
13/5/2018 11:08	57.6	59.7	53.1
13/5/2018 11:13	56.6	59.0	52.5
13/5/2018 11:18	58.8	61.9	53.4
13/5/2018 11:23	57.6	60.1	53.9
13/5/2018 11:28	58.4	60.3	53.8

Measured Noise Levels at NMS-CA-4 during Evening on Normal Weekdays (1900-2300 hours) and Holidays  
(0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
13/5/2018 11:34	57.9	61.0	53.3
13/5/2018 11:39	57.4	60.6	52.7
13/5/2018 11:44	60.7	63.9	54.0
13/5/2018 11:49	64.7	63.7	53.7
13/5/2018 11:54	57.1	60.0	53.0
13/5/2018 11:59	58.0	60.7	53.4
13/5/2018 12:04	55.4	58.0	52.2
13/5/2018 12:09	54.6	57.3	51.4
13/5/2018 12:14	56.0	59.0	51.1
13/5/2018 12:19	56.0	58.8	51.3
13/5/2018 12:24	53.3	56.1	50.0
13/5/2018 12:29	55.9	59.4	51.1
13/5/2018 12:34	54.9	57.9	50.3
13/5/2018 12:39	65.0	66.1	51.0
13/5/2018 12:44	56.5	59.6	52.5
13/5/2018 12:49	55.5	58.1	51.4
13/5/2018 12:54	53.6	56.1	49.7
13/5/2018 12:59	54.7	57.5	50.7
13/5/2018 13:04	54.0	56.4	50.7
13/5/2018 13:09	55.6	57.1	51.7
13/5/2018 13:14	55.0	57.9	50.0
13/5/2018 13:19	56.7	58.5	54.2
13/5/2018 13:24	56.7	59.6	53.5
13/5/2018 13:29	56.6	59.2	53.1
13/5/2018 13:34	57.6	59.1	54.2
13/5/2018 13:39	67.3	67.4	53.5
13/5/2018 13:44	56.7	58.9	53.7
13/5/2018 13:49	55.5	57.3	52.8
13/5/2018 13:54	58.4	58.0	52.1
13/5/2018 13:59	59.0	59.7	50.9
13/5/2018 14:04	61.5	62.0	51.9
13/5/2018 14:09	58.8	59.4	51.5
13/5/2018 14:14	55.1	58.0	50.9
13/5/2018 14:19	56.5	58.1	53.2
13/5/2018 14:24	54.8	56.9	52.6
13/5/2018 14:29	55.5	58.2	52.2
13/5/2018 14:34	60.9	59.2	52.4
13/5/2018 14:39	62.0	61.7	53.0
13/5/2018 14:44	54.4	55.9	52.5
13/5/2018 14:49	63.4	59.9	52.9
13/5/2018 14:54	63.5	59.6	53.1
13/5/2018 14:59	56.7	58.7	54.3
13/5/2018 15:04	55.7	58.3	52.4
13/5/2018 15:09	56.6	59.2	53.1
13/5/2018 15:14	56.4	58.6	53.5
13/5/2018 15:19	55.6	57.5	53.2
13/5/2018 15:24	54.8	56.5	51.5
13/5/2018 15:29	65.4	63.0	52.3
13/5/2018 15:34	55.3	57.3	52.8
13/5/2018 15:39	55.6	57.8	52.9
13/5/2018 15:44	61.6	65.6	53.5
13/5/2018 15:49	60.6	64.2	53.9
13/5/2018 15:54	60.3	64.2	52.8
13/5/2018 15:59	64.9	69.1	52.5

Measured Noise Levels at NMS-CA-4 during Evening on Normal Weekdays (1900-2300 hours) and Holidays  
(0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
13/5/2018 16:04	60.7	64.6	51.3
13/5/2018 16:09	63.7	67.7	55.1
13/5/2018 16:14	68.4	70.6	54.6
13/5/2018 16:19	63.1	66.8	54.3
13/5/2018 16:24	59.9	63.9	52.4
13/5/2018 16:29	63.2	67.8	53.7
13/5/2018 16:34	61.1	65.4	53.6
13/5/2018 16:39	61.8	65.8	54.3
13/5/2018 16:44	61.5	65.7	51.6
13/5/2018 16:49	62.4	66.8	51.5
13/5/2018 16:54	63.0	67.0	52.2
13/5/2018 16:59	64.5	68.8	54.6
13/5/2018 17:04	61.9	64.6	53.0
13/5/2018 17:09	61.7	64.2	52.5
13/5/2018 17:14	62.0	65.9	52.9
13/5/2018 17:19	61.6	65.5	51.4
13/5/2018 17:24	62.3	66.3	52.5
13/5/2018 17:29	61.7	65.5	52.2
13/5/2018 17:34	62.3	66.3	50.9
13/5/2018 17:39	65.7	70.0	50.2
13/5/2018 17:44	58.3	62.5	49.9
13/5/2018 17:49	64.7	69.5	52.6
13/5/2018 17:54	60.7	64.6	50.1
13/5/2018 17:59	63.1	68.0	48.9
13/5/2018 18:04	64.4	67.3	51.1
13/5/2018 18:09	64.5	69.3	53.9
13/5/2018 18:14	63.1	66.8	50.2
13/5/2018 18:19	60.3	64.4	50.2
13/5/2018 18:24	60.7	64.5	51.0
13/5/2018 18:29	63.1	66.7	50.9
13/5/2018 18:34	60.7	64.6	49.7
13/5/2018 18:39	64.1	68.1	50.1
13/5/2018 18:44	60.4	64.7	51.6
13/5/2018 18:49	59.9	64.0	50.8
13/5/2018 18:54	61.6	65.8	50.7
13/5/2018 18:59	62.7	67.3	50.0
13/5/2018 19:04	63.0	68.1	50.5
13/5/2018 19:09	64.7	69.6	50.6
13/5/2018 19:14	64.8	69.6	50.6
13/5/2018 19:19	57.8	61.7	49.9
13/5/2018 19:24	60.2	64.8	48.4
13/5/2018 19:29	62.3	66.2	49.5
13/5/2018 19:34	61.8	66.4	49.4
13/5/2018 19:39	61.9	66.3	50.0
13/5/2018 19:44	61.8	65.5	48.5
13/5/2018 19:49	60.3	64.1	49.7
13/5/2018 19:54	61.1	64.2	49.5
13/5/2018 19:59	60.1	64.6	49.5
13/5/2018 20:04	59.3	63.1	51.3
13/5/2018 20:09	60.7	65.1	52.2
13/5/2018 20:14	62.4	66.2	54.0
13/5/2018 20:19	59.7	63.3	52.6
13/5/2018 20:24	61.9	65.6	50.9
13/5/2018 20:29	64.7	69.2	51.8

Measured Noise Levels at NMS-CA-4 during Evening on Normal Weekdays (1900-2300 hours) and Holidays  
(0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
13/5/2018 20:34	61.5	65.2	50.8
13/5/2018 20:39	61.7	66.1	51.6
13/5/2018 20:44	68.2	72.6	51.4
13/5/2018 20:49	63.4	67.8	52.3
13/5/2018 20:54	60.3	64.3	50.9
13/5/2018 20:59	60.6	64.6	51.7
13/5/2018 21:04	66.5	67.7	51.3
13/5/2018 21:09	61.1	65.4	53.0
13/5/2018 21:14	62.0	66.1	52.3
13/5/2018 21:19	61.2	64.0	50.4
13/5/2018 21:24	61.0	65.2	50.9
13/5/2018 21:29	61.6	65.3	52.6
13/5/2018 21:34	62.6	66.6	53.6
13/5/2018 21:39	64.1	68.1	54.9
13/5/2018 21:44	63.3	67.1	53.6
13/5/2018 21:49	63.3	65.4	55.3
13/5/2018 21:54	61.1	64.5	53.6
13/5/2018 21:59	63.9	68.3	53.1
13/5/2018 22:04	63.2	67.0	54.2
13/5/2018 22:09	61.9	63.7	55.6
13/5/2018 22:14	61.6	64.6	55.2
13/5/2018 22:19	61.7	65.2	56.0
13/5/2018 22:24	57.8	59.0	56.2
13/5/2018 22:29	56.5	58.6	53.3
13/5/2018 22:34	53.8	56.5	50.2
13/5/2018 22:39	59.6	63.4	50.1
13/5/2018 22:44	60.6	64.6	50.3
13/5/2018 22:49	60.7	64.9	50.8
13/5/2018 22:54	58.7	63.1	50.8
13/5/2018 22:59	59.8	64.5	50.9



Measured Noise Levels at NMS-CA-4 during Evening on Normal Weekdays (1900-2300 hours) and Holidays  
(0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
14/5/2018 19:04	53.4	56.6	50.3
14/5/2018 19:09	54.4	57.0	51.4
14/5/2018 19:14	54.0	56.6	50.8
14/5/2018 19:19	54.1	56.6	51.0
14/5/2018 19:24	66.7	63.3	52.0
14/5/2018 19:29	53.3	55.9	50.0
14/5/2018 19:34	53.2	55.5	50.1
14/5/2018 19:39	53.4	55.5	50.2
14/5/2018 19:44	53.3	55.5	50.5
14/5/2018 19:49	53.3	55.7	50.1
14/5/2018 19:54	54.1	55.9	51.6
14/5/2018 19:59	54.6	57.1	51.4
14/5/2018 20:04	53.4	55.5	51.2
14/5/2018 20:09	54.1	56.7	51.5
14/5/2018 20:14	54.7	57.5	51.7
14/5/2018 20:19	53.3	55.7	49.8
14/5/2018 20:24	54.1	56.6	50.9
14/5/2018 20:29	54.4	57.1	50.9
14/5/2018 20:34	53.0	55.1	50.3
14/5/2018 20:39	55.4	57.4	50.8
14/5/2018 20:44	54.0	57.0	50.8
14/5/2018 20:49	53.4	55.6	51.0
14/5/2018 20:54	60.4	64.1	51.5
14/5/2018 20:59	61.4	64.8	53.3
14/5/2018 21:04	66.5	63.5	51.1
14/5/2018 21:09	53.4	55.4	51.0
14/5/2018 21:14	54.5	57.4	51.8
14/5/2018 21:19	53.3	55.2	51.4
14/5/2018 21:24	53.3	54.5	51.5
14/5/2018 21:29	53.6	55.6	51.1
14/5/2018 21:34	53.2	54.8	51.3
14/5/2018 21:39	54.2	56.0	51.9
14/5/2018 21:44	56.7	59.0	53.7
14/5/2018 21:49	56.7	60.3	52.2
14/5/2018 21:54	58.3	62.0	52.7
14/5/2018 21:59	60.2	64.0	53.1
14/5/2018 22:04	58.6	62.5	51.7
14/5/2018 22:09	54.6	57.3	51.8
14/5/2018 22:14	57.1	59.8	51.8
14/5/2018 22:19	56.9	58.8	53.4
14/5/2018 22:24	58.7	61.6	52.7
14/5/2018 22:29	56.3	58.6	52.3
14/5/2018 22:34	59.3	62.7	53.6
14/5/2018 22:39	60.5	63.3	55.6
14/5/2018 22:44	60.4	63.3	53.8
14/5/2018 22:49	60.4	63.3	55.2
14/5/2018 22:54	60.6	63.4	55.4
14/5/2018 22:59	60.5	63.4	55.8

Measured Noise Levels at NMS-CA-4 during Evening on Normal Weekdays (1900-2300 hours) and Holidays  
(0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
15/5/2018 19:04	55.6	58.0	51.0
15/5/2018 19:09	56.2	58.6	51.0
15/5/2018 19:14	55.7	58.0	50.0
15/5/2018 19:19	62.6	63.3	53.1
15/5/2018 19:24	54.2	57.3	48.5
15/5/2018 19:29	55.3	57.9	51.4
15/5/2018 19:34	54.2	56.5	50.8
15/5/2018 19:39	53.8	56.3	50.7
15/5/2018 19:44	53.0	54.5	51.0
15/5/2018 19:49	64.3	61.7	51.5
15/5/2018 19:54	53.2	56.0	49.5
15/5/2018 19:59	53.4	56.4	50.0
15/5/2018 20:04	53.0	55.3	50.0
15/5/2018 20:09	52.5	55.2	48.6
15/5/2018 20:14	52.5	55.1	49.7
15/5/2018 20:19	53.5	56.0	50.3
15/5/2018 20:24	53.0	54.5	50.8
15/5/2018 20:29	54.5	57.1	51.3
15/5/2018 20:34	53.7	56.5	50.4
15/5/2018 20:39	54.8	57.5	51.3
15/5/2018 20:44	61.7	61.1	50.4
15/5/2018 20:49	52.4	55.2	48.6
15/5/2018 20:54	52.9	56.1	48.2
15/5/2018 20:59	53.0	56.0	50.0
15/5/2018 21:04	53.3	54.8	50.1
15/5/2018 21:09	63.0	61.7	51.6
15/5/2018 21:14	54.1	56.0	50.9
15/5/2018 21:19	53.2	54.8	51.2
15/5/2018 21:24	53.9	56.2	50.6
15/5/2018 21:29	54.4	57.3	50.4
15/5/2018 21:34	53.1	54.6	49.8
15/5/2018 21:39	63.5	60.1	51.1
15/5/2018 21:44	54.9	57.7	51.2
15/5/2018 21:49	61.9	64.4	51.6
15/5/2018 21:54	54.2	56.3	51.0
15/5/2018 21:59	53.5	55.5	50.1
15/5/2018 22:04	51.5	53.0	49.7
15/5/2018 22:09	60.8	64.5	51.0
15/5/2018 22:14	63.4	66.9	56.0
15/5/2018 22:19	65.4	68.9	50.3
15/5/2018 22:24	61.2	64.8	51.8
15/5/2018 22:29	61.7	65.3	52.2
15/5/2018 22:34	60.4	64.3	51.8
15/5/2018 22:39	66.8	68.1	52.2
15/5/2018 22:44	62.1	66.3	50.5
15/5/2018 22:49	58.6	62.8	49.7
15/5/2018 22:54	53.1	54.5	50.4
15/5/2018 22:59	57.3	60.8	50.7

Measured Noise Levels at NMS-CA-4 during Evening on Normal Weekdays (1900-2300 hours) and Holidays  
(0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
16/5/2018 19:00	52.7	55.1	50.1
16/5/2018 19:05	52.5	54.9	49.1
16/5/2018 19:10	52.2	54.7	48.8
16/5/2018 19:15	53.2	56.6	50.0
16/5/2018 19:20	52.7	55.3	48.9
16/5/2018 19:25	52.1	54.4	49.1
16/5/2018 19:30	66.4	64.1	50.1
16/5/2018 19:35	52.0	53.9	49.6
16/5/2018 19:40	52.2	53.9	49.3
16/5/2018 19:45	53.7	56.9	49.9
16/5/2018 19:50	53.8	56.5	50.3
16/5/2018 19:55	53.0	55.8	49.6
16/5/2018 20:00	53.4	56.5	49.9
16/5/2018 20:05	53.1	56.9	49.0
16/5/2018 20:10	53.0	56.0	48.6
16/5/2018 20:15	53.1	55.9	49.6
16/5/2018 20:20	52.8	54.9	50.1
16/5/2018 20:25	53.4	55.4	50.9
16/5/2018 20:30	54.3	57.0	51.4
16/5/2018 20:35	54.0	55.9	51.1
16/5/2018 20:40	52.8	55.4	50.2
16/5/2018 20:45	53.9	55.5	51.9
16/5/2018 20:50	54.3	56.7	51.1
16/5/2018 20:55	52.8	55.1	50.3
16/5/2018 21:00	53.6	56.2	50.8
16/5/2018 21:05	52.3	53.5	50.2
16/5/2018 21:10	53.3	55.8	50.6
16/5/2018 21:15	63.5	64.1	50.1
16/5/2018 21:20	51.5	53.1	49.6
16/5/2018 21:25	52.5	54.9	50.5
16/5/2018 21:30	54.3	57.1	50.6
16/5/2018 21:35	53.4	56.4	49.4
16/5/2018 21:40	53.8	57.3	49.8
16/5/2018 21:45	55.6	59.5	49.7
16/5/2018 21:50	54.0	57.2	48.8
16/5/2018 21:55	52.3	55.1	48.7
16/5/2018 22:00	63.7	67.2	51.6
16/5/2018 22:05	64.9	68.9	51.2
16/5/2018 22:10	62.9	67.3	50.5
16/5/2018 22:15	64.3	68.9	53.9
16/5/2018 22:20	61.5	64.8	50.7
16/5/2018 22:25	57.3	60.9	49.3
16/5/2018 22:30	66.0	67.6	48.8
16/5/2018 22:35	60.0	64.1	51.0
16/5/2018 22:40	60.6	65.0	49.8
16/5/2018 22:45	57.7	61.5	49.0
16/5/2018 22:50	59.2	63.4	50.2
16/5/2018 22:55	54.7	57.9	49.6

Measured Noise Levels at NMS-CA-4 during Evening on Normal Weekdays (1900-2300 hours) and Holidays  
(0700-2300 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
17/5/2018 19:00	54.0	57.2	50.8
17/5/2018 19:05	54.2	56.7	51.4
17/5/2018 19:10	53.9	56.1	51.4
17/5/2018 19:15	54.3	57.4	50.7
17/5/2018 19:20	55.3	57.8	51.9
17/5/2018 19:25	54.5	56.1	52.3
17/5/2018 19:30	55.0	58.2	51.5
17/5/2018 19:35	54.3	56.0	51.2
17/5/2018 19:40	66.0	66.5	49.9
17/5/2018 19:45	53.4	56.3	50.5
17/5/2018 19:50	53.9	56.3	51.0
17/5/2018 19:55	54.2	56.5	51.6
17/5/2018 20:00	54.5	56.5	52.4
17/5/2018 20:05	55.4	57.9	52.5
17/5/2018 20:10	54.9	56.7	52.6
17/5/2018 20:15	55.0	57.1	52.4
17/5/2018 20:20	54.9	56.7	52.5
17/5/2018 20:25	55.7	57.0	54.0
17/5/2018 20:30	56.3	58.1	54.3
17/5/2018 20:35	55.9	57.6	53.8
17/5/2018 20:40	56.5	58.2	54.3
17/5/2018 20:45	56.3	58.6	53.4
17/5/2018 20:50	57.0	60.2	52.2
17/5/2018 20:55	53.6	55.2	51.4
17/5/2018 21:00	55.0	57.4	52.1
17/5/2018 21:05	54.6	56.5	52.0
17/5/2018 21:10	54.7	56.6	52.0
17/5/2018 21:15	55.6	57.8	53.1
17/5/2018 21:20	57.7	60.4	54.2
17/5/2018 21:25	54.7	55.9	52.8
17/5/2018 21:30	55.0	56.9	52.8
17/5/2018 21:35	55.2	56.5	53.3
17/5/2018 21:40	54.6	56.7	52.4
17/5/2018 21:45	54.2	56.6	51.4
17/5/2018 21:50	53.8	55.4	50.9
17/5/2018 21:55	52.2	54.2	50.0
17/5/2018 22:00	53.1	55.8	50.2
17/5/2018 22:05	54.2	57.2	50.8
17/5/2018 22:10	53.5	55.1	50.4
17/5/2018 22:15	55.5	58.0	52.4
17/5/2018 22:20	55.6	58.0	53.0
17/5/2018 22:25	55.6	58.1	52.1
17/5/2018 22:30	54.9	57.3	52.3
17/5/2018 22:35	54.4	56.2	52.7
17/5/2018 22:40	55.5	58.1	52.7
17/5/2018 22:45	55.1	57.1	52.7
17/5/2018 22:50	54.2	56.3	52.0
17/5/2018 22:55	53.4	54.6	51.5
<b>Average</b>	<b>61.3</b>		
<b>Min</b>	<b>50.9</b>		
<b>Max</b>	<b>76.2</b>		

Measured Noise Levels (dB(A)) at NMS-CA-4 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
4/5/2018 23:01	63.8	67.1	57.7
4/5/2018 23:06	61.7	65.7	57.0
4/5/2018 23:11	60.2	63.3	56.7
4/5/2018 23:16	62.3	65.6	56.0
4/5/2018 23:21	63.0	64.4	56.6
4/5/2018 23:26	60.1	62.1	56.2
4/5/2018 23:31	62.9	65.1	56.2
4/5/2018 23:36	63.0	66.4	56.0
4/5/2018 23:41	61.6	63.2	54.9
4/5/2018 23:46	61.2	63.5	55.9
4/5/2018 23:51	61.5	62.8	53.8
4/5/2018 23:56	60.2	61.5	53.8
5/5/2018 0:01	62.0	65.9	52.7
5/5/2018 0:06	62.6	66.6	52.9
5/5/2018 0:11	62.6	66.7	54.1
5/5/2018 0:16	62.4	66.4	54.5
5/5/2018 0:21	67.3	71.3	55.3
5/5/2018 0:26	67.0	71.3	55.1
5/5/2018 0:31	58.7	61.9	53.9
5/5/2018 0:36	63.1	67.2	53.2
5/5/2018 0:41	63.6	68.0	53.6
5/5/2018 0:46	60.7	64.0	52.0
5/5/2018 0:51	60.9	65.5	52.4
5/5/2018 0:56	61.1	64.4	50.6
5/5/2018 1:01	58.2	62.2	51.1
5/5/2018 1:06	56.9	60.6	51.0
5/5/2018 1:11	62.1	65.8	52.0
5/5/2018 1:16	62.8	66.7	52.0
5/5/2018 1:21	58.1	62.4	50.9
5/5/2018 1:26	60.8	64.9	51.2
5/5/2018 1:31	63.5	65.3	53.8
5/5/2018 1:36	61.8	64.8	53.4
5/5/2018 1:41	62.2	65.3	54.9
5/5/2018 1:46	61.3	61.7	53.9
5/5/2018 1:51	62.6	65.3	54.5
5/5/2018 1:56	63.0	65.9	53.5
5/5/2018 2:01	61.0	64.2	53.9
5/5/2018 2:06	62.3	64.8	55.2
5/5/2018 2:11	63.9	66.7	56.3
5/5/2018 2:16	59.9	63.4	54.5
5/5/2018 2:21	60.6	63.8	53.7
5/5/2018 2:26	60.1	64.0	53.8
5/5/2018 2:31	58.1	61.1	54.2
5/5/2018 2:36	64.4	69.5	55.7
5/5/2018 2:41	58.7	61.0	55.5
5/5/2018 2:46	58.5	60.9	54.6
5/5/2018 2:51	58.5	60.7	54.2
5/5/2018 2:56	57.3	59.1	54.8
5/5/2018 3:01	59.5	62.1	56.5
5/5/2018 3:06	60.5	64.4	56.0
5/5/2018 3:11	65.6	69.6	57.6
5/5/2018 3:16	59.9	62.4	55.9
5/5/2018 3:21	56.9	58.5	55.0
5/5/2018 3:26	59.4	61.9	55.7

Measured Noise Levels (dB(A)) at NMS-CA-4 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
5/5/2018 3:31	58.9	60.6	57.1
5/5/2018 3:36	58.8	61.0	55.9
5/5/2018 3:41	60.5	63.3	55.7
5/5/2018 3:46	60.8	63.6	55.8
5/5/2018 3:51	60.5	63.1	56.4
5/5/2018 3:56	57.0	58.5	55.0
5/5/2018 4:01	62.1	65.2	56.6
5/5/2018 4:06	63.2	66.5	59.1
5/5/2018 4:11	65.1	68.3	56.9
5/5/2018 4:16	62.9	65.2	56.6
5/5/2018 4:21	58.8	60.9	56.5
5/5/2018 4:26	60.9	63.6	56.2
5/5/2018 4:31	63.8	67.2	56.9
5/5/2018 4:36	63.4	68.4	55.2
5/5/2018 4:41	59.3	62.6	54.5
5/5/2018 4:46	54.8	56.4	52.9
5/5/2018 4:51	54.1	55.8	52.2
5/5/2018 4:56	53.5	55.2	51.6
5/5/2018 5:01	52.6	53.8	51.0
5/5/2018 5:06	51.7	53.0	50.1
5/5/2018 5:11	52.1	53.2	50.9
5/5/2018 5:16	52.1	53.1	51.1
5/5/2018 5:21	52.7	53.9	51.5
5/5/2018 5:26	53.1	54.2	51.1
5/5/2018 5:31	58.9	63.2	52.1
5/5/2018 5:36	58.6	63.4	50.3
5/5/2018 5:41	53.9	53.8	49.5
5/5/2018 5:46	59.4	64.1	52.0
5/5/2018 5:51	56.6	56.7	50.2
5/5/2018 5:56	57.4	59.9	50.3
5/5/2018 6:01	53.4	55.7	49.9
5/5/2018 6:06	54.4	57.3	50.6
5/5/2018 6:11	53.8	56.5	50.3
5/5/2018 6:16	53.2	55.4	50.6
5/5/2018 6:21	53.2	55.3	49.7
5/5/2018 6:26	61.4	64.4	50.1
5/5/2018 6:31	60.3	64.4	51.5
5/5/2018 6:36	57.8	61.5	50.8
5/5/2018 6:41	58.5	62.4	50.7
5/5/2018 6:46	61.0	65.0	50.8
5/5/2018 6:51	54.7	56.0	51.7
5/5/2018 6:56	59.1	62.9	52.1

Measured Noise Levels (dB(A)) at NMS-CA-4 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
5/5/2018 23:01	56.8	59.8	48.8
5/5/2018 23:06	62.7	66.0	50.7
5/5/2018 23:11	56.1	58.7	51.1
5/5/2018 23:16	56.2	59.4	50.8
5/5/2018 23:21	59.0	61.7	51.4
5/5/2018 23:26	57.3	61.0	50.3
5/5/2018 23:31	57.8	61.2	51.7
5/5/2018 23:36	56.7	59.4	50.3
5/5/2018 23:41	63.5	67.6	52.1
5/5/2018 23:46	63.1	64.5	50.9
5/5/2018 23:51	64.4	68.3	51.8
5/5/2018 23:56	56.2	59.7	50.3
6/5/2018 0:01	55.3	59.0	50.0
6/5/2018 0:06	59.1	59.5	51.3
6/5/2018 0:11	62.9	67.7	51.4
6/5/2018 0:16	60.0	63.6	50.6
6/5/2018 0:21	60.2	64.6	50.2
6/5/2018 0:26	61.9	66.7	51.6
6/5/2018 0:31	66.5	69.3	51.6
6/5/2018 0:36	60.5	64.8	51.9
6/5/2018 0:41	58.8	61.6	50.3
6/5/2018 0:46	63.6	68.3	50.0
6/5/2018 0:51	59.6	64.6	49.6
6/5/2018 0:56	62.0	67.2	49.7
6/5/2018 1:01	59.8	64.2	50.4
6/5/2018 1:06	58.6	60.9	48.8
6/5/2018 1:11	63.9	68.2	51.2
6/5/2018 1:16	51.6	53.4	49.1
6/5/2018 1:21	62.2	66.6	49.5
6/5/2018 1:26	61.7	65.9	49.9
6/5/2018 1:31	60.9	65.7	48.8
6/5/2018 1:36	61.4	66.3	48.6
6/5/2018 1:41	60.7	65.6	48.0
6/5/2018 1:46	49.5	50.3	47.0
6/5/2018 1:51	61.8	65.9	47.4
6/5/2018 1:56	56.0	59.8	47.1
6/5/2018 2:01	58.0	60.5	47.7
6/5/2018 2:06	61.6	67.0	47.9
6/5/2018 2:11	58.7	62.9	48.7
6/5/2018 2:16	57.1	59.6	47.8
6/5/2018 2:21	61.4	66.0	49.0
6/5/2018 2:26	58.6	62.7	48.0
6/5/2018 2:31	53.1	52.5	46.6
6/5/2018 2:36	62.7	66.4	46.5
6/5/2018 2:41	47.6	49.2	45.5
6/5/2018 2:46	48.3	50.1	46.1
6/5/2018 2:51	47.3	49.4	45.2
6/5/2018 2:56	61.3	65.6	46.8
6/5/2018 3:01	47.8	49.0	46.5
6/5/2018 3:06	52.5	51.6	46.5
6/5/2018 3:11	55.5	56.9	47.1
6/5/2018 3:16	48.1	49.1	46.8
6/5/2018 3:21	57.3	59.1	47.4
6/5/2018 3:26	57.5	61.1	47.8

Measured Noise Levels (dB(A)) at NMS-CA-4 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
6/5/2018 3:31	59.0	60.9	47.0
6/5/2018 3:36	56.8	61.3	47.1
6/5/2018 3:41	48.8	49.2	46.5
6/5/2018 3:46	60.7	65.3	48.2
6/5/2018 3:51	58.3	60.7	47.3
6/5/2018 3:56	58.8	62.1	49.0
6/5/2018 4:01	58.5	63.3	48.4
6/5/2018 4:06	62.0	67.1	48.4
6/5/2018 4:11	60.5	64.9	49.3
6/5/2018 4:16	58.7	62.7	48.3
6/5/2018 4:21	57.9	62.3	48.9
6/5/2018 4:26	64.6	68.7	48.8
6/5/2018 4:31	61.8	66.6	48.3
6/5/2018 4:36	63.0	67.7	47.1
6/5/2018 4:41	56.8	61.1	47.6
6/5/2018 4:46	50.7	52.4	48.4
6/5/2018 4:51	59.9	63.2	48.6
6/5/2018 4:56	50.2	51.4	48.7
6/5/2018 5:01	56.7	59.6	49.5
6/5/2018 5:06	61.5	66.5	48.8
6/5/2018 5:11	62.0	66.6	47.9
6/5/2018 5:16	56.2	61.3	48.0
6/5/2018 5:21	49.2	50.9	47.2
6/5/2018 5:26	54.7	57.6	49.0
6/5/2018 5:31	50.7	52.8	47.8
6/5/2018 5:36	60.0	64.5	48.4
6/5/2018 5:41	51.9	53.4	49.4
6/5/2018 5:46	53.6	57.3	49.2
6/5/2018 5:51	51.8	53.0	49.4
6/5/2018 5:56	61.4	63.7	49.5
6/5/2018 6:01	54.2	56.0	49.5
6/5/2018 6:06	53.7	55.7	49.5
6/5/2018 6:11	56.4	58.6	50.1
6/5/2018 6:16	53.1	55.9	49.4
6/5/2018 6:21	56.1	55.1	47.9
6/5/2018 6:26	59.4	59.8	49.5
6/5/2018 6:31	73.9	78.1	55.1
6/5/2018 6:36	61.5	60.0	52.8
6/5/2018 6:41	70.3	74.5	52.3
6/5/2018 6:46	56.2	59.5	51.4
6/5/2018 6:51	59.5	59.7	49.4
6/5/2018 6:56	58.3	60.3	51.2

Measured Noise Levels (dB(A)) at NMS-CA-4 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
6/5/2018 23:01	54.7	58.3	50.2
6/5/2018 23:06	54.2	57.0	50.9
6/5/2018 23:11	55.3	56.7	49.2
6/5/2018 23:16	51.9	54.3	49.4
6/5/2018 23:21	52.9	55.3	49.5
6/5/2018 23:26	53.0	55.7	49.7
6/5/2018 23:31	53.7	56.9	48.9
6/5/2018 23:36	52.1	54.5	49.1
6/5/2018 23:41	53.6	56.2	49.5
6/5/2018 23:46	53.0	55.8	49.5
6/5/2018 23:51	52.5	54.9	49.7
6/5/2018 23:56	54.2	58.3	48.4
7/5/2018 0:01	63.6	60.3	50.1
7/5/2018 0:06	53.8	56.5	49.9
7/5/2018 0:11	53.6	56.7	49.8
7/5/2018 0:16	62.4	60.1	49.2
7/5/2018 0:21	52.9	56.0	48.8
7/5/2018 0:26	53.7	57.8	49.2
7/5/2018 0:31	51.7	55.3	48.2
7/5/2018 0:36	53.3	56.3	48.1
7/5/2018 0:41	54.6	57.3	49.7
7/5/2018 0:46	55.7	58.6	49.1
7/5/2018 0:51	56.8	61.4	50.0
7/5/2018 0:56	58.4	57.8	47.7
7/5/2018 1:01	53.2	55.5	48.4
7/5/2018 1:06	53.0	56.2	47.8
7/5/2018 1:11	50.8	53.5	47.2
7/5/2018 1:16	50.3	52.0	47.1
7/5/2018 1:21	55.5	59.0	48.6
7/5/2018 1:26	52.8	56.1	47.7
7/5/2018 1:31	51.0	53.5	47.8
7/5/2018 1:36	53.7	56.4	47.4
7/5/2018 1:41	51.4	53.9	47.2
7/5/2018 1:46	48.9	50.5	46.7
7/5/2018 1:51	48.8	50.4	46.3
7/5/2018 1:56	50.0	52.1	46.6
7/5/2018 2:01	50.7	50.7	46.6
7/5/2018 2:06	53.0	55.3	47.7
7/5/2018 2:11	57.6	55.8	47.6
7/5/2018 2:16	51.6	50.0	45.4
7/5/2018 2:21	50.1	51.4	45.2
7/5/2018 2:26	63.2	65.9	47.4
7/5/2018 2:31	62.5	63.4	46.4
7/5/2018 2:36	48.6	50.3	46.4
7/5/2018 2:41	50.4	52.7	46.3
7/5/2018 2:46	48.2	50.2	45.0
7/5/2018 2:51	47.5	48.8	46.0
7/5/2018 2:56	48.0	49.8	46.0
7/5/2018 3:01	48.4	49.3	46.3
7/5/2018 3:06	49.4	51.3	46.6
7/5/2018 3:11	57.3	60.3	46.8
7/5/2018 3:16	60.1	60.5	49.0
7/5/2018 3:21	60.1	58.7	46.8
7/5/2018 3:26	55.0	57.8	47.6

Measured Noise Levels (dB(A)) at NMS-CA-4 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
7/5/2018 3:31	49.8	51.0	46.8
7/5/2018 3:36	53.7	53.0	46.1
7/5/2018 3:41	51.7	52.4	46.2
7/5/2018 3:46	49.6	51.9	46.1
7/5/2018 3:51	48.2	50.0	45.6
7/5/2018 3:56	48.6	50.4	46.1
7/5/2018 4:01	51.5	54.3	45.5
7/5/2018 4:06	66.5	60.7	46.2
7/5/2018 4:11	51.1	52.7	47.2
7/5/2018 4:16	49.8	50.9	46.6
7/5/2018 4:21	53.6	54.3	47.3
7/5/2018 4:26	55.4	55.3	47.4
7/5/2018 4:31	50.5	51.0	47.3
7/5/2018 4:36	51.8	54.5	47.9
7/5/2018 4:41	54.7	53.7	47.3
7/5/2018 4:46	63.3	59.6	47.8
7/5/2018 4:51	51.3	53.0	47.0
7/5/2018 4:56	52.4	52.6	47.3
7/5/2018 5:01	51.7	54.4	48.1
7/5/2018 5:06	52.4	54.4	47.7
7/5/2018 5:11	51.2	53.4	47.7
7/5/2018 5:16	54.5	56.3	49.0
7/5/2018 5:21	53.8	57.0	48.5
7/5/2018 5:26	52.6	53.7	48.8
7/5/2018 5:31	50.7	53.1	47.8
7/5/2018 5:36	57.1	60.6	48.7
7/5/2018 5:41	56.1	59.4	47.4
7/5/2018 5:46	55.7	59.2	48.2
7/5/2018 5:51	56.1	58.8	49.7
7/5/2018 5:56	56.9	60.1	48.9
7/5/2018 6:01	56.1	59.4	49.3
7/5/2018 6:06	56.9	60.7	50.0
7/5/2018 6:11	53.0	55.3	49.6
7/5/2018 6:16	54.9	57.2	49.1
7/5/2018 6:21	56.4	59.5	50.3
7/5/2018 6:26	54.9	56.8	49.1
7/5/2018 6:31	55.1	57.6	48.4
7/5/2018 6:36	54.1	57.3	49.4
7/5/2018 6:41	53.7	56.2	50.3
7/5/2018 6:46	53.6	55.6	50.4
7/5/2018 6:51	53.7	56.3	50.3
7/5/2018 6:56	53.0	56.0	49.9

Measured Noise Levels (dB(A)) at NMS-CA-4 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
7/5/2018 23:02	70.5	75.6	54.3
7/5/2018 23:07	71.7	75.0	57.9
7/5/2018 23:12	62.4	64.3	56.7
7/5/2018 23:17	72.1	75.7	56.7
7/5/2018 23:22	74.7	78.4	63.6
7/5/2018 23:27	83.5	85.7	66.5
7/5/2018 23:32	83.0	86.3	74.8
7/5/2018 23:37	80.2	83.9	63.7
7/5/2018 23:42	75.7	79.4	61.9
7/5/2018 23:47	79.1	82.6	69.7
7/5/2018 23:52	79.5	82.9	70.1
7/5/2018 23:57	79.6	83.2	67.7
8/5/2018 0:02	79.8	83.1	70.8
8/5/2018 0:07	72.9	75.8	57.6
8/5/2018 0:12	67.0	70.9	57.1
8/5/2018 0:17	64.3	68.2	53.2
8/5/2018 0:22	73.7	77.4	62.1
8/5/2018 0:27	70.3	74.3	57.2
8/5/2018 0:32	75.7	79.5	64.4
8/5/2018 0:37	74.6	78.5	55.5
8/5/2018 0:42	60.1	63.5	55.1
8/5/2018 0:47	76.2	80.8	59.6
8/5/2018 0:52	71.0	74.9	60.2
8/5/2018 0:57	78.0	78.3	54.2
8/5/2018 1:02	84.3	87.6	64.5
8/5/2018 1:07	59.9	63.5	53.6
8/5/2018 1:12	63.0	67.4	54.3
8/5/2018 1:17	60.4	65.3	51.8
8/5/2018 1:22	59.2	62.1	51.5
8/5/2018 1:27	60.7	65.4	52.5
8/5/2018 1:32	60.4	63.5	54.0
8/5/2018 1:37	60.8	63.5	53.7
8/5/2018 1:42	58.6	61.2	55.2
8/5/2018 1:47	57.1	58.9	54.7
8/5/2018 1:52	57.3	60.3	52.9
8/5/2018 1:57	54.6	55.6	53.0
8/5/2018 2:02	56.1	58.0	53.7
8/5/2018 2:07	58.9	62.8	52.9
8/5/2018 2:12	56.0	58.5	52.3
8/5/2018 2:17	57.6	61.0	53.0
8/5/2018 2:22	57.1	60.4	51.6
8/5/2018 2:27	56.6	60.9	50.9
8/5/2018 2:32	54.9	58.4	49.4
8/5/2018 2:37	53.6	57.1	49.6
8/5/2018 2:42	53.6	56.9	48.5
8/5/2018 2:47	57.2	61.6	50.4
8/5/2018 2:52	58.3	61.2	48.9
8/5/2018 2:57	56.1	58.7	51.4
8/5/2018 3:02	54.5	57.5	50.7
8/5/2018 3:07	54.8	57.7	49.8
8/5/2018 3:12	52.1	54.1	49.5
8/5/2018 3:17	63.1	65.3	49.3
8/5/2018 3:22	52.8	55.7	49.0
8/5/2018 3:27	62.4	58.8	51.1

Measured Noise Levels (dB(A)) at NMS-CA-4 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
8/5/2018 3:32	52.0	53.3	50.1
8/5/2018 3:37	54.7	58.6	49.7
8/5/2018 3:42	55.4	58.6	49.5
8/5/2018 3:47	53.2	55.3	49.7
8/5/2018 3:52	58.4	62.0	52.6
8/5/2018 3:57	55.1	57.4	50.8
8/5/2018 4:02	56.8	59.7	53.1
8/5/2018 4:07	59.3	62.7	52.6
8/5/2018 4:12	55.2	58.3	50.3
8/5/2018 4:17	54.2	56.8	51.1
8/5/2018 4:22	58.0	60.9	51.1
8/5/2018 4:27	56.4	59.2	51.3
8/5/2018 4:32	56.0	58.9	52.5
8/5/2018 4:37	57.5	60.8	52.6
8/5/2018 4:42	55.8	59.6	51.3
8/5/2018 4:47	54.7	57.4	51.4
8/5/2018 4:52	57.9	62.1	51.4
8/5/2018 4:57	53.6	55.6	51.5
8/5/2018 5:02	53.0	53.9	52.0
8/5/2018 5:07	53.3	54.1	52.0
8/5/2018 5:12	55.1	54.9	52.5
8/5/2018 5:17	59.7	62.8	53.1
8/5/2018 5:22	65.0	65.4	53.5
8/5/2018 5:27	59.1	62.2	52.6
8/5/2018 5:32	60.2	63.0	52.3
8/5/2018 5:37	60.6	64.1	53.9
8/5/2018 5:42	59.9	63.1	53.1
8/5/2018 5:47	59.9	61.7	52.4
8/5/2018 5:52	60.5	63.4	52.3
8/5/2018 5:57	58.4	61.4	53.2
8/5/2018 6:02	59.2	62.1	54.1
8/5/2018 6:07	55.2	56.9	52.4
8/5/2018 6:12	55.6	57.5	52.7
8/5/2018 6:17	55.1	56.3	51.4
8/5/2018 6:22	55.8	58.3	51.7
8/5/2018 6:27	59.2	61.9	54.9
8/5/2018 6:32	60.7	63.7	56.4
8/5/2018 6:37	61.5	64.2	58.0
8/5/2018 6:42	60.1	61.9	57.4
8/5/2018 6:47	61.1	63.2	57.8
8/5/2018 6:52	61.6	63.3	57.7
8/5/2018 6:57	62.9	66.5	56.4

Measured Noise Levels (dB(A)) at NMS-CA-4 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
8/5/2018 23:02	61.4	64.4	56.7
8/5/2018 23:07	61.4	63.9	56.5
8/5/2018 23:12	62.7	66.9	55.4
8/5/2018 23:17	62.9	67.7	53.7
8/5/2018 23:22	57.7	61.2	52.2
8/5/2018 23:27	59.0	63.3	51.8
8/5/2018 23:32	65.6	69.8	53.0
8/5/2018 23:37	56.8	60.4	51.4
8/5/2018 23:42	62.1	65.3	52.1
8/5/2018 23:47	58.9	62.9	52.5
8/5/2018 23:52	58.7	62.7	53.2
8/5/2018 23:57	60.5	64.3	53.5
9/5/2018 0:02	62.5	66.5	54.0
9/5/2018 0:07	62.5	66.9	53.7
9/5/2018 0:12	63.7	67.4	54.6
9/5/2018 0:17	62.0	65.5	55.2
9/5/2018 0:22	64.4	69.3	53.6
9/5/2018 0:27	60.6	63.3	54.3
9/5/2018 0:32	62.2	65.4	53.9
9/5/2018 0:37	56.7	59.1	53.8
9/5/2018 0:42	63.6	67.3	55.5
9/5/2018 0:47	63.0	66.6	54.3
9/5/2018 0:52	65.7	70.3	54.8
9/5/2018 0:57	62.8	66.9	54.0
9/5/2018 1:02	64.0	67.4	54.0
9/5/2018 1:07	61.9	65.9	53.8
9/5/2018 1:12	62.4	67.1	53.8
9/5/2018 1:17	60.8	65.0	53.8
9/5/2018 1:22	58.5	62.1	53.5
9/5/2018 1:27	65.7	70.2	54.1
9/5/2018 1:32	61.3	65.0	54.2
9/5/2018 1:37	57.0	59.1	54.6
9/5/2018 1:42	57.2	58.9	55.0
9/5/2018 1:47	55.5	56.8	54.0
9/5/2018 1:52	57.4	59.3	54.0
9/5/2018 1:57	54.4	55.9	52.4
9/5/2018 2:02	56.9	59.3	53.7
9/5/2018 2:07	56.1	58.1	53.6
9/5/2018 2:12	56.8	59.1	53.9
9/5/2018 2:17	55.1	56.7	53.0
9/5/2018 2:22	56.1	57.8	53.9
9/5/2018 2:27	55.0	56.5	52.6
9/5/2018 2:32	54.7	56.6	51.6
9/5/2018 2:37	55.0	56.9	52.2
9/5/2018 2:42	55.7	57.2	53.8
9/5/2018 2:47	56.7	59.1	53.2
9/5/2018 2:52	53.8	55.4	52.1
9/5/2018 2:57	53.8	55.3	52.1
9/5/2018 3:02	53.2	54.9	51.5
9/5/2018 3:07	54.1	55.8	52.0
9/5/2018 3:12	54.8	56.4	53.2
9/5/2018 3:17	53.3	55.6	50.1
9/5/2018 3:22	52.6	55.1	48.9
9/5/2018 3:27	53.2	55.5	48.8

Measured Noise Levels (dB(A)) at NMS-CA-4 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
9/5/2018 3:32	52.9	55.1	48.7
9/5/2018 3:37	56.6	60.3	50.5
9/5/2018 3:42	53.8	56.9	49.5
9/5/2018 3:47	54.5	58.0	50.0
9/5/2018 3:52	55.6	58.8	51.3
9/5/2018 3:57	55.3	58.3	51.2
9/5/2018 4:02	54.7	57.9	50.6
9/5/2018 4:07	67.4	67.4	50.4
9/5/2018 4:12	54.6	58.0	50.3
9/5/2018 4:17	54.1	57.5	48.9
9/5/2018 4:22	57.3	60.8	50.7
9/5/2018 4:27	55.5	58.5	49.9
9/5/2018 4:32	54.2	57.7	49.6
9/5/2018 4:37	63.6	61.1	50.5
9/5/2018 4:42	56.2	55.0	50.3
9/5/2018 4:47	52.3	53.9	50.2
9/5/2018 4:52	52.1	53.5	50.3
9/5/2018 4:57	52.8	54.6	50.8
9/5/2018 5:02	53.1	54.8	50.8
9/5/2018 5:07	52.2	53.4	50.7
9/5/2018 5:12	53.2	54.9	51.5
9/5/2018 5:17	55.5	57.4	52.2
9/5/2018 5:22	56.3	58.7	51.6
9/5/2018 5:27	54.1	56.0	51.7
9/5/2018 5:32	54.6	56.3	51.4
9/5/2018 5:37	56.7	59.3	52.4
9/5/2018 5:42	55.5	58.3	51.3
9/5/2018 5:47	56.6	59.9	50.9
9/5/2018 5:52	55.8	57.9	52.0
9/5/2018 5:57	57.3	60.1	52.7
9/5/2018 6:02	56.3	58.0	53.5
9/5/2018 6:07	57.5	58.8	53.1
9/5/2018 6:12	56.7	58.9	54.0
9/5/2018 6:17	55.7	57.7	53.2
9/5/2018 6:22	56.6	58.3	54.2
9/5/2018 6:27	58.1	60.8	53.9
9/5/2018 6:32	57.6	60.4	52.8
9/5/2018 6:37	58.0	60.5	54.1
9/5/2018 6:42	57.8	59.9	55.4
9/5/2018 6:47	57.9	60.2	55.4
9/5/2018 6:52	58.9	61.2	55.5
9/5/2018 6:57	60.2	61.9	55.6

Measured Noise Levels (dB(A)) at NMS-CA-4 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
9/5/2018 23:02	61.4	64.0	57.4
9/5/2018 23:07	61.8	64.1	57.9
9/5/2018 23:12	63.2	66.6	57.7
9/5/2018 23:17	63.0	65.9	58.3
9/5/2018 23:22	60.0	62.5	57.4
9/5/2018 23:27	60.1	61.8	57.3
9/5/2018 23:32	61.8	64.9	57.8
9/5/2018 23:37	67.1	64.0	57.0
9/5/2018 23:42	61.2	64.5	56.7
9/5/2018 23:47	58.7	60.9	56.0
9/5/2018 23:52	64.1	65.5	57.5
9/5/2018 23:57	63.8	67.3	57.6
10/5/2018 0:02	62.1	65.4	57.3
10/5/2018 0:07	63.6	66.7	58.2
10/5/2018 0:12	62.2	65.4	57.2
10/5/2018 0:17	65.0	69.4	57.4
10/5/2018 0:22	58.9	60.6	56.9
10/5/2018 0:27	63.0	67.1	56.9
10/5/2018 0:32	62.9	65.4	57.2
10/5/2018 0:37	63.0	66.7	57.6
10/5/2018 0:42	64.2	67.2	58.3
10/5/2018 0:47	64.1	68.4	56.0
10/5/2018 0:52	62.7	65.0	56.9
10/5/2018 0:57	62.0	65.2	56.8
10/5/2018 1:02	63.3	66.9	56.1
10/5/2018 1:07	63.0	65.6	56.4
10/5/2018 1:12	63.6	67.1	57.1
10/5/2018 1:17	63.0	66.6	57.1
10/5/2018 1:22	62.8	65.7	58.3
10/5/2018 1:27	66.6	70.1	58.9
10/5/2018 1:32	64.3	68.6	57.5
10/5/2018 1:37	62.5	65.6	57.9
10/5/2018 1:42	63.5	65.4	57.8
10/5/2018 1:47	63.9	65.7	57.1
10/5/2018 1:52	63.7	66.9	57.8
10/5/2018 1:57	60.5	62.6	57.2
10/5/2018 2:02	61.1	63.8	56.8
10/5/2018 2:07	62.6	65.1	57.7
10/5/2018 2:12	63.2	65.7	58.4
10/5/2018 2:17	64.5	67.9	57.5
10/5/2018 2:22	66.9	67.2	54.2
10/5/2018 2:27	75.3	78.0	55.9
10/5/2018 2:32	71.1	74.3	58.8
10/5/2018 2:37	74.9	78.4	62.7
10/5/2018 2:42	76.8	79.9	62.9
10/5/2018 2:47	75.3	78.8	59.4
10/5/2018 2:52	64.5	67.7	56.1
10/5/2018 2:57	60.4	63.0	54.5
10/5/2018 3:02	59.1	61.9	53.8
10/5/2018 3:07	55.5	57.3	53.2
10/5/2018 3:12	56.6	58.2	53.6
10/5/2018 3:17	62.0	67.0	53.9
10/5/2018 3:22	59.5	61.6	53.3
10/5/2018 3:27	60.4	64.0	53.9

Measured Noise Levels (dB(A)) at NMS-CA-4 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
10/5/2018 3:32	58.5	61.8	53.8
10/5/2018 3:37	59.3	63.3	53.3
10/5/2018 3:42	64.6	68.7	54.2
10/5/2018 3:47	60.0	63.5	52.2
10/5/2018 3:52	63.5	66.4	55.0
10/5/2018 3:57	64.2	68.1	56.1
10/5/2018 4:02	64.0	68.0	55.6
10/5/2018 4:07	62.5	64.3	55.0
10/5/2018 4:12	63.0	67.4	53.8
10/5/2018 4:17	60.0	62.6	56.0
10/5/2018 4:22	59.1	59.9	55.0
10/5/2018 4:27	61.3	64.6	54.6
10/5/2018 4:32	57.5	59.4	54.3
10/5/2018 4:37	62.0	65.6	55.9
10/5/2018 4:42	65.6	69.9	55.0
10/5/2018 4:47	57.1	59.2	54.0
10/5/2018 4:52	57.0	58.5	53.9
10/5/2018 4:57	56.9	58.4	53.3
10/5/2018 5:02	57.5	60.0	53.7
10/5/2018 5:07	56.5	58.4	53.3
10/5/2018 5:12	57.2	59.1	54.7
10/5/2018 5:17	60.4	60.6	54.1
10/5/2018 5:22	70.5	70.3	53.9
10/5/2018 5:27	58.2	59.8	55.9
10/5/2018 5:32	57.4	59.2	55.0
10/5/2018 5:37	60.5	62.5	56.5
10/5/2018 5:42	59.6	61.6	57.2
10/5/2018 5:47	59.3	61.1	56.6
10/5/2018 5:52	59.5	60.8	57.1
10/5/2018 5:57	62.3	64.1	57.8
10/5/2018 6:02	67.4	63.3	56.7
10/5/2018 6:07	60.4	62.3	58.4
10/5/2018 6:12	60.4	62.4	57.7
10/5/2018 6:17	64.4	67.1	58.7
10/5/2018 6:22	60.2	61.8	56.9
10/5/2018 6:27	60.2	62.4	57.5
10/5/2018 6:32	59.9	61.6	58.0
10/5/2018 6:37	59.4	61.0	57.3
10/5/2018 6:42	60.2	61.9	58.0
10/5/2018 6:47	60.1	62.5	57.0
10/5/2018 6:52	60.3	62.3	56.8
10/5/2018 6:57	61.9	64.5	58.2



Measured Noise Levels (dB(A)) at NMS-CA-4 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
10/5/2018 23:03	60.7	62.2	54.9
10/5/2018 23:08	64.5	69.0	56.4
10/5/2018 23:13	60.0	63.7	55.7
10/5/2018 23:18	60.2	63.5	55.5
10/5/2018 23:23	59.8	62.8	55.7
10/5/2018 23:28	59.9	62.8	56.0
10/5/2018 23:33	61.0	61.7	55.8
10/5/2018 23:38	62.6	66.5	56.4
10/5/2018 23:43	64.5	67.6	56.3
10/5/2018 23:48	62.8	63.6	54.6
10/5/2018 23:53	69.3	70.0	56.3
10/5/2018 23:58	65.6	69.2	55.4
11/5/2018 0:03	66.3	70.7	55.9
11/5/2018 0:08	63.5	68.2	55.2
11/5/2018 0:13	65.0	69.7	56.6
11/5/2018 0:18	64.3	68.6	55.7
11/5/2018 0:23	60.3	62.7	54.8
11/5/2018 0:28	58.1	60.1	55.5
11/5/2018 0:33	64.1	68.3	56.6
11/5/2018 0:38	62.7	65.6	55.5
11/5/2018 0:43	65.7	69.6	57.2
11/5/2018 0:48	67.3	70.6	56.4
11/5/2018 0:53	61.3	65.5	54.3
11/5/2018 0:58	65.8	70.3	54.3
11/5/2018 1:03	60.9	64.5	54.8
11/5/2018 1:08	65.0	69.0	55.5
11/5/2018 1:13	64.1	68.3	54.5
11/5/2018 1:18	65.5	70.0	54.8
11/5/2018 1:23	67.3	69.4	55.1
11/5/2018 1:28	55.8	57.8	53.0
11/5/2018 1:33	56.1	58.2	53.4
11/5/2018 1:38	55.3	56.9	52.8
11/5/2018 1:43	56.0	58.2	52.6
11/5/2018 1:48	55.6	58.2	52.6
11/5/2018 1:53	54.1	55.7	51.9
11/5/2018 1:58	55.7	58.3	52.4
11/5/2018 2:03	56.9	58.7	53.3
11/5/2018 2:08	57.2	59.5	53.2
11/5/2018 2:13	57.9	60.4	54.5
11/5/2018 2:18	57.6	60.1	53.8
11/5/2018 2:23	56.8	59.6	53.1
11/5/2018 2:28	55.6	57.6	52.5
11/5/2018 2:33	55.5	58.0	51.9
11/5/2018 2:38	56.4	58.1	51.0
11/5/2018 2:43	52.8	54.9	50.2
11/5/2018 2:48	54.0	56.1	51.0
11/5/2018 2:53	55.4	57.9	51.3
11/5/2018 2:58	52.8	54.2	50.4
11/5/2018 3:03	53.2	54.8	50.9
11/5/2018 3:08	52.8	54.3	50.5
11/5/2018 3:13	53.5	55.0	51.6
11/5/2018 3:18	53.8	55.6	51.3
11/5/2018 3:23	53.7	55.8	50.6
11/5/2018 3:28	55.0	57.9	51.2

Measured Noise Levels (dB(A)) at NMS-CA-4 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
11/5/2018 3:33	53.0	55.4	50.2
11/5/2018 3:38	54.3	56.5	51.3
11/5/2018 3:43	53.2	55.8	50.3
11/5/2018 3:48	54.4	56.8	50.9
11/5/2018 3:53	53.5	55.0	51.4
11/5/2018 3:58	53.6	55.4	51.6
11/5/2018 4:03	54.0	55.5	51.9
11/5/2018 4:08	56.2	58.9	53.2
11/5/2018 4:13	55.9	58.4	52.5
11/5/2018 4:18	56.5	59.3	52.9
11/5/2018 4:23	55.1	57.2	52.6
11/5/2018 4:28	56.5	59.6	52.4
11/5/2018 4:33	57.4	59.7	52.9
11/5/2018 4:38	55.4	57.1	52.6
11/5/2018 4:43	57.3	60.9	53.2
11/5/2018 4:48	55.4	57.9	52.1
11/5/2018 4:53	55.1	56.8	50.5
11/5/2018 4:58	54.5	56.8	51.8
11/5/2018 5:03	54.9	57.6	51.7
11/5/2018 5:08	56.9	60.3	52.1
11/5/2018 5:13	59.7	62.5	52.6
11/5/2018 5:18	61.2	63.6	56.7
11/5/2018 5:23	57.9	60.7	53.0
11/5/2018 5:28	55.8	57.3	53.4
11/5/2018 5:33	56.6	58.8	53.7
11/5/2018 5:38	57.0	59.0	54.1
11/5/2018 5:43	57.3	59.3	54.4
11/5/2018 5:48	58.3	60.4	55.6
11/5/2018 5:53	57.1	59.2	54.3
11/5/2018 5:58	55.8	57.5	53.4
11/5/2018 6:03	57.4	59.6	54.6
11/5/2018 6:08	56.2	58.4	53.6
11/5/2018 6:13	56.3	58.3	53.8
11/5/2018 6:18	56.6	58.4	54.1
11/5/2018 6:23	57.2	59.5	54.6
11/5/2018 6:28	55.0	56.8	53.0
11/5/2018 6:33	56.1	58.0	53.7
11/5/2018 6:38	55.5	57.4	52.8
11/5/2018 6:43	56.8	59.5	54.0
11/5/2018 6:48	56.1	58.1	53.2
11/5/2018 6:53	57.2	59.3	54.4
11/5/2018 6:58	56.3	58.7	52.7

Measured Noise Levels (dB(A)) at NMS-CA-4 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
11/5/2018 23:03	63.2	67.3	55.1
11/5/2018 23:08	61.0	64.9	54.5
11/5/2018 23:13	57.5	60.0	54.4
11/5/2018 23:18	63.3	67.9	54.3
11/5/2018 23:23	60.2	64.4	54.2
11/5/2018 23:28	60.4	64.3	54.8
11/5/2018 23:33	60.3	63.7	54.6
11/5/2018 23:38	62.7	66.6	54.8
11/5/2018 23:43	61.5	65.6	54.4
11/5/2018 23:48	62.9	67.1	55.1
11/5/2018 23:53	61.3	64.4	54.4
11/5/2018 23:58	63.9	66.9	55.4
12/5/2018 0:03	64.9	69.8	57.4
12/5/2018 0:08	63.4	66.7	58.5
12/5/2018 0:13	62.8	66.3	58.5
12/5/2018 0:18	64.5	68.2	58.4
12/5/2018 0:23	66.0	70.3	58.5
12/5/2018 0:28	61.7	62.6	58.2
12/5/2018 0:33	65.7	69.8	58.4
12/5/2018 0:38	64.0	68.4	57.1
12/5/2018 0:43	63.3	66.8	56.9
12/5/2018 0:48	64.0	67.6	57.2
12/5/2018 0:53	64.6	68.6	57.0
12/5/2018 0:58	64.1	67.7	56.9
12/5/2018 1:03	64.1	68.0	57.0
12/5/2018 1:08	63.6	66.5	59.8
12/5/2018 1:13	64.7	68.6	59.6
12/5/2018 1:18	64.2	67.6	59.1
12/5/2018 1:23	65.5	69.5	58.6
12/5/2018 1:28	61.8	63.4	58.2
12/5/2018 1:33	62.9	65.9	58.3
12/5/2018 1:38	64.2	68.3	58.7
12/5/2018 1:43	63.2	66.4	58.9
12/5/2018 1:48	64.9	68.2	56.9
12/5/2018 1:53	62.0	65.7	51.1
12/5/2018 1:58	62.7	65.8	57.1
12/5/2018 2:03	62.0	64.7	59.3
12/5/2018 2:08	63.8	66.3	59.6
12/5/2018 2:13	61.3	62.9	59.1
12/5/2018 2:18	60.2	61.6	58.6
12/5/2018 2:23	64.0	67.4	59.3
12/5/2018 2:28	60.8	62.0	58.8
12/5/2018 2:33	63.2	66.2	59.1
12/5/2018 2:38	60.7	62.1	59.2
12/5/2018 2:43	56.7	60.5	51.0
12/5/2018 2:48	59.9	61.8	55.1
12/5/2018 2:53	60.2	61.9	58.3
12/5/2018 2:58	55.6	60.2	49.9
12/5/2018 3:03	51.1	53.0	48.6
12/5/2018 3:08	50.1	51.5	48.3
12/5/2018 3:13	50.6	51.8	49.2
12/5/2018 3:18	63.2	68.1	49.4
12/5/2018 3:23	51.1	52.6	49.3
12/5/2018 3:28	50.8	52.4	48.8

Measured Noise Levels (dB(A)) at NMS-CA-4 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
12/5/2018 3:33	50.6	51.9	48.9
12/5/2018 3:38	50.7	52.1	49.0
12/5/2018 3:43	50.5	51.7	48.9
12/5/2018 3:48	50.0	51.4	48.0
12/5/2018 3:53	51.6	52.0	47.6
12/5/2018 3:58	62.6	67.6	49.5
12/5/2018 4:03	58.6	62.8	49.5
12/5/2018 4:08	60.3	63.9	50.6
12/5/2018 4:13	51.8	52.9	50.4
12/5/2018 4:18	61.3	64.2	51.3
12/5/2018 4:23	66.0	70.9	50.9
12/5/2018 4:28	50.7	52.4	48.7
12/5/2018 4:33	61.7	65.5	49.6
12/5/2018 4:38	57.5	61.6	48.5
12/5/2018 4:43	50.2	51.6	48.6
12/5/2018 4:48	50.3	52.2	48.1
12/5/2018 4:53	60.7	65.4	48.0
12/5/2018 4:58	49.7	51.1	48.0
12/5/2018 5:03	51.1	52.7	49.1
12/5/2018 5:08	50.3	51.8	48.3
12/5/2018 5:13	51.3	53.1	49.3
12/5/2018 5:18	57.4	58.6	50.7
12/5/2018 5:23	57.9	61.6	49.7
12/5/2018 5:28	59.8	64.4	51.0
12/5/2018 5:33	53.5	55.4	51.0
12/5/2018 5:38	54.5	56.1	51.9
12/5/2018 5:43	59.1	60.0	51.6
12/5/2018 5:48	62.5	65.9	51.5
12/5/2018 5:53	54.0	56.2	50.8
12/5/2018 5:58	53.2	55.3	50.4
12/5/2018 6:03	54.3	56.4	52.1
12/5/2018 6:08	62.3	63.4	52.0
12/5/2018 6:13	55.2	57.7	51.6
12/5/2018 6:18	53.8	55.5	51.4
12/5/2018 6:23	54.6	56.3	51.1
12/5/2018 6:28	53.5	55.4	50.4
12/5/2018 6:33	54.5	56.0	51.2
12/5/2018 6:38	53.5	55.0	51.2
12/5/2018 6:43	55.3	57.8	52.0
12/5/2018 6:48	60.5	63.0	52.3
12/5/2018 6:53	60.5	64.3	52.0
12/5/2018 6:58	53.4	56.1	50.8

Measured Noise Levels (dB(A)) at NMS-CA-4 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
12/5/2018 23:03	63.0	67.0	53.2
12/5/2018 23:08	61.8	66.2	51.5
12/5/2018 23:13	63.7	68.5	53.9
12/5/2018 23:18	62.0	66.2	54.8
12/5/2018 23:23	61.9	65.1	53.3
12/5/2018 23:28	58.7	60.4	52.3
12/5/2018 23:33	58.0	60.6	52.0
12/5/2018 23:38	57.5	61.7	52.4
12/5/2018 23:43	61.3	64.6	52.5
12/5/2018 23:48	56.0	59.5	52.2
12/5/2018 23:53	59.3	62.7	53.1
12/5/2018 23:58	53.3	54.7	51.9
13/5/2018 0:03	62.0	66.5	52.1
13/5/2018 0:08	66.2	68.9	53.1
13/5/2018 0:13	63.9	68.9	52.7
13/5/2018 0:18	61.5	58.2	51.6
13/5/2018 0:23	64.8	69.3	50.8
13/5/2018 0:28	64.4	69.2	52.7
13/5/2018 0:33	63.4	68.3	51.6
13/5/2018 0:38	63.2	67.3	51.0
13/5/2018 0:43	63.3	68.1	52.6
13/5/2018 0:48	65.3	70.1	51.9
13/5/2018 0:53	58.5	62.4	51.6
13/5/2018 0:58	63.0	67.1	51.3
13/5/2018 1:03	62.6	67.5	51.6
13/5/2018 1:08	60.5	64.9	52.5
13/5/2018 1:13	63.0	67.5	52.3
13/5/2018 1:18	64.8	69.1	52.6
13/5/2018 1:23	59.3	63.9	50.3
13/5/2018 1:28	55.1	57.1	51.9
13/5/2018 1:33	56.6	55.0	51.5
13/5/2018 1:38	62.9	67.0	54.4
13/5/2018 1:43	54.0	56.8	49.7
13/5/2018 1:48	57.3	60.4	48.5
13/5/2018 1:53	56.7	60.6	49.2
13/5/2018 1:58	60.6	64.2	49.0
13/5/2018 2:03	57.1	60.6	48.4
13/5/2018 2:08	64.8	68.0	50.8
13/5/2018 2:13	61.6	66.2	50.7
13/5/2018 2:18	63.2	67.2	50.3
13/5/2018 2:23	58.2	62.9	48.7
13/5/2018 2:28	54.9	57.8	50.4
13/5/2018 2:33	56.4	59.9	48.3
13/5/2018 2:38	50.2	52.8	46.9
13/5/2018 2:43	58.0	60.8	48.2
13/5/2018 2:48	51.2	54.0	47.1
13/5/2018 2:53	51.8	53.9	48.9
13/5/2018 2:58	52.5	54.9	48.9
13/5/2018 3:03	51.1	53.4	47.7
13/5/2018 3:08	58.9	63.9	46.4
13/5/2018 3:13	49.8	51.3	47.7
13/5/2018 3:18	49.6	51.2	47.4
13/5/2018 3:23	58.9	64.0	48.1
13/5/2018 3:28	60.7	65.8	48.5

Measured Noise Levels (dB(A)) at NMS-CA-4 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
13/5/2018 3:33	50.2	51.8	48.3
13/5/2018 3:38	56.2	53.4	48.4
13/5/2018 3:43	62.0	66.4	49.8
13/5/2018 3:48	59.7	64.5	48.6
13/5/2018 3:53	51.2	52.6	49.2
13/5/2018 3:58	59.1	63.3	47.1
13/5/2018 4:03	55.4	59.1	47.7
13/5/2018 4:08	61.0	65.7	49.7
13/5/2018 4:13	61.2	65.0	49.7
13/5/2018 4:18	61.8	65.7	50.3
13/5/2018 4:23	66.3	70.9	48.5
13/5/2018 4:28	60.3	65.1	48.1
13/5/2018 4:33	61.3	65.8	48.4
13/5/2018 4:38	62.3	67.0	47.9
13/5/2018 4:43	48.8	49.9	47.3
13/5/2018 4:48	60.5	64.3	47.0
13/5/2018 4:53	60.8	65.7	48.0
13/5/2018 4:58	47.4	48.4	46.4
13/5/2018 5:03	49.5	50.8	48.1
13/5/2018 5:08	59.7	64.7	48.7
13/5/2018 5:13	51.1	52.7	48.9
13/5/2018 5:18	61.3	65.0	50.3
13/5/2018 5:23	51.9	53.7	48.6
13/5/2018 5:28	51.0	52.8	49.1
13/5/2018 5:33	49.9	51.5	47.8
13/5/2018 5:38	52.5	54.7	49.9
13/5/2018 5:43	59.3	64.4	50.0
13/5/2018 5:48	51.1	53.9	47.4
13/5/2018 5:53	49.6	51.8	47.3
13/5/2018 5:58	50.8	52.6	48.3
13/5/2018 6:03	51.8	54.6	48.8
13/5/2018 6:08	51.1	52.9	49.3
13/5/2018 6:13	53.1	56.1	49.4
13/5/2018 6:18	65.4	69.5	50.5
13/5/2018 6:23	57.4	57.7	47.4
13/5/2018 6:28	49.2	50.2	47.5
13/5/2018 6:33	50.4	51.5	47.9
13/5/2018 6:38	49.9	51.8	47.5
13/5/2018 6:43	58.0	63.5	48.0
13/5/2018 6:48	50.9	53.6	48.0
13/5/2018 6:53	52.6	56.2	49.0
13/5/2018 6:58	50.0	52.1	48.3

Measured Noise Levels (dB(A)) at NMS-CA-4 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
13/5/2018 23:04	57.8	60.9	51.0
13/5/2018 23:09	62.3	67.0	51.8
13/5/2018 23:14	53.5	56.4	50.2
13/5/2018 23:19	58.5	62.4	50.6
13/5/2018 23:24	52.3	54.3	50.0
13/5/2018 23:29	58.2	62.8	48.3
13/5/2018 23:34	60.4	65.1	49.5
13/5/2018 23:39	59.8	64.7	48.3
13/5/2018 23:44	64.7	65.2	48.4
13/5/2018 23:49	59.6	63.3	49.3
13/5/2018 23:54	58.4	61.2	49.7
13/5/2018 23:59	63.4	68.1	49.5
14/5/2018 0:04	58.5	62.4	49.1
14/5/2018 0:09	60.3	63.9	49.5
14/5/2018 0:14	61.8	67.0	48.5
14/5/2018 0:19	65.2	70.2	48.9
14/5/2018 0:24	61.9	66.5	48.3
14/5/2018 0:29	63.0	66.0	47.2
14/5/2018 0:34	62.2	67.9	46.2
14/5/2018 0:39	64.5	69.3	49.0
14/5/2018 0:44	61.3	66.5	48.4
14/5/2018 0:49	59.9	64.6	48.6
14/5/2018 0:54	61.2	65.8	49.9
14/5/2018 0:59	62.4	67.0	49.6
14/5/2018 1:04	61.2	65.3	49.8
14/5/2018 1:09	59.6	64.7	50.6
14/5/2018 1:14	62.7	66.9	53.0
14/5/2018 1:19	63.7	67.6	52.9
14/5/2018 1:24	62.4	66.9	51.7
14/5/2018 1:29	58.2	61.9	51.0
14/5/2018 1:34	59.3	63.8	51.6
14/5/2018 1:39	55.5	58.4	51.4
14/5/2018 1:44	55.6	58.2	51.5
14/5/2018 1:49	62.5	65.5	52.0
14/5/2018 1:54	63.0	67.2	52.2
14/5/2018 1:59	60.4	64.3	52.9
14/5/2018 2:04	58.0	61.9	49.5
14/5/2018 2:09	58.9	62.8	49.2
14/5/2018 2:14	55.3	59.1	49.1
14/5/2018 2:19	54.5	59.0	46.6
14/5/2018 2:24	57.5	61.1	48.7
14/5/2018 2:29	56.8	60.7	48.0
14/5/2018 2:34	56.9	60.7	49.3
14/5/2018 2:39	53.6	58.0	47.6
14/5/2018 2:44	58.3	63.4	49.2
14/5/2018 2:49	51.5	55.3	46.8
14/5/2018 2:54	57.6	63.3	45.7
14/5/2018 2:59	47.0	48.1	45.6
14/5/2018 3:04	46.3	47.5	44.7
14/5/2018 3:09	46.5	47.5	44.9
14/5/2018 3:14	50.4	54.3	46.1
14/5/2018 3:19	49.7	53.6	45.5
14/5/2018 3:24	47.0	48.1	45.4
14/5/2018 3:29	57.8	63.0	46.2

Measured Noise Levels (dB(A)) at NMS-CA-4 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
14/5/2018 3:34	49.7	51.7	47.2
14/5/2018 3:39	50.1	52.2	46.7
14/5/2018 3:44	49.3	50.8	47.0
14/5/2018 3:49	58.2	63.0	46.2
14/5/2018 3:54	48.8	50.3	46.8
14/5/2018 3:59	48.4	49.5	47.2
14/5/2018 4:04	49.3	50.4	47.7
14/5/2018 4:09	48.7	49.6	46.6
14/5/2018 4:14	51.7	56.1	46.2
14/5/2018 4:19	57.8	61.5	46.0
14/5/2018 4:24	48.9	49.1	46.1
14/5/2018 4:29	52.5	51.7	47.6
14/5/2018 4:34	48.4	49.3	47.1
14/5/2018 4:39	48.9	50.2	47.5
14/5/2018 4:44	57.5	62.1	49.6
14/5/2018 4:49	52.1	54.3	49.4
14/5/2018 4:54	49.8	51.4	47.7
14/5/2018 4:59	48.9	50.2	47.4
14/5/2018 5:04	61.1	65.0	46.4
14/5/2018 5:09	48.1	49.2	46.4
14/5/2018 5:14	59.4	58.2	48.2
14/5/2018 5:19	55.9	54.3	45.5
14/5/2018 5:24	48.2	50.0	46.1
14/5/2018 5:29	49.3	50.7	47.6
14/5/2018 5:34	51.0	52.4	49.4
14/5/2018 5:39	50.7	52.9	47.8
14/5/2018 5:44	49.0	50.0	46.7
14/5/2018 5:49	50.1	52.0	47.5
14/5/2018 5:54	50.1	53.2	46.7
14/5/2018 5:59	49.8	53.0	46.8
14/5/2018 6:04	54.8	58.5	48.9
14/5/2018 6:09	53.4	55.1	51.4
14/5/2018 6:14	51.5	52.9	49.5
14/5/2018 6:19	51.7	53.8	48.8
14/5/2018 6:24	52.2	54.5	49.3
14/5/2018 6:29	53.1	56.3	48.9
14/5/2018 6:34	53.2	56.8	49.0
14/5/2018 6:39	51.7	54.5	48.7
14/5/2018 6:44	53.7	57.6	48.8
14/5/2018 6:49	53.8	57.7	47.5
14/5/2018 6:54	54.2	56.7	50.2
14/5/2018 6:59	54.5	57.4	51.0

Measured Noise Levels (dB(A)) at NMS-CA-4 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
14/5/2018 23:04	61.2	63.8	56.2
14/5/2018 23:09	61.3	63.9	57.0
14/5/2018 23:14	58.9	62.4	53.9
14/5/2018 23:19	57.5	59.9	53.7
14/5/2018 23:24	58.3	60.3	55.3
14/5/2018 23:29	57.2	59.2	54.5
14/5/2018 23:34	55.8	57.7	53.3
14/5/2018 23:39	55.3	57.8	51.6
14/5/2018 23:44	57.0	59.5	53.3
14/5/2018 23:49	55.8	57.7	53.4
14/5/2018 23:54	56.8	59.1	53.5
14/5/2018 23:59	56.1	58.0	53.8
15/5/2018 0:04	56.2	57.8	54.1
15/5/2018 0:09	56.4	57.9	54.0
15/5/2018 0:14	57.1	59.5	54.1
15/5/2018 0:19	57.7	60.1	53.9
15/5/2018 0:24	57.0	59.8	53.4
15/5/2018 0:29	58.8	60.8	55.8
15/5/2018 0:34	57.8	60.2	54.1
15/5/2018 0:39	57.9	60.3	54.7
15/5/2018 0:44	56.0	57.9	53.2
15/5/2018 0:49	56.6	59.2	53.2
15/5/2018 0:54	56.4	59.0	53.4
15/5/2018 0:59	54.9	56.8	52.5
15/5/2018 1:04	56.2	59.0	52.6
15/5/2018 1:09	57.7	60.0	54.4
15/5/2018 1:14	57.9	60.1	54.6
15/5/2018 1:19	57.7	60.0	54.1
15/5/2018 1:24	57.2	59.8	53.0
15/5/2018 1:29	55.0	58.7	47.1
15/5/2018 1:34	52.4	54.7	48.9
15/5/2018 1:39	54.0	57.1	48.0
15/5/2018 1:44	53.2	56.4	48.4
15/5/2018 1:49	57.1	60.9	49.4
15/5/2018 1:54	49.7	50.5	47.8
15/5/2018 1:59	48.8	50.7	46.6
15/5/2018 2:04	49.8	52.0	46.8
15/5/2018 2:09	53.0	55.8	47.9
15/5/2018 2:14	52.9	55.8	47.7
15/5/2018 2:19	54.7	57.5	49.1
15/5/2018 2:24	52.6	54.8	48.8
15/5/2018 2:29	52.4	54.6	48.4
15/5/2018 2:34	50.2	52.3	47.5
15/5/2018 2:39	48.8	50.2	47.0
15/5/2018 2:44	48.9	50.4	47.2
15/5/2018 2:49	49.1	51.2	46.6
15/5/2018 2:54	48.1	49.5	46.4
15/5/2018 2:59	48.2	49.7	46.3
15/5/2018 3:04	47.6	49.1	45.8
15/5/2018 3:09	50.4	53.4	45.9
15/5/2018 3:14	48.7	50.7	46.1
15/5/2018 3:19	48.8	51.0	46.1
15/5/2018 3:24	51.2	54.5	46.5
15/5/2018 3:29	48.5	49.7	46.2

Measured Noise Levels (dB(A)) at NMS-CA-4 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
15/5/2018 3:34	48.6	51.1	45.9
15/5/2018 3:39	50.8	53.0	47.8
15/5/2018 3:44	52.6	54.8	48.2
15/5/2018 3:49	52.1	55.1	48.2
15/5/2018 3:54	52.2	54.5	48.9
15/5/2018 3:59	53.5	56.0	49.2
15/5/2018 4:04	48.7	51.1	46.0
15/5/2018 4:09	48.7	51.1	46.3
15/5/2018 4:14	49.6	51.6	46.8
15/5/2018 4:19	50.8	53.7	47.6
15/5/2018 4:24	51.5	54.5	46.9
15/5/2018 4:29	53.2	57.1	47.5
15/5/2018 4:34	51.5	55.3	46.6
15/5/2018 4:39	49.6	51.4	46.6
15/5/2018 4:44	52.4	55.8	47.6
15/5/2018 4:49	55.3	58.6	48.6
15/5/2018 4:54	53.6	57.4	48.7
15/5/2018 4:59	50.9	52.8	48.5
15/5/2018 5:04	51.6	54.7	47.6
15/5/2018 5:09	53.2	56.6	49.3
15/5/2018 5:14	52.5	55.2	49.5
15/5/2018 5:19	57.3	60.4	50.9
15/5/2018 5:24	55.1	59.3	49.5
15/5/2018 5:29	52.2	54.7	47.8
15/5/2018 5:34	53.5	56.7	48.3
15/5/2018 5:39	53.2	56.4	49.0
15/5/2018 5:44	51.4	54.0	47.8
15/5/2018 5:49	51.0	53.0	48.0
15/5/2018 5:54	51.1	53.6	47.6
15/5/2018 5:59	54.1	57.6	49.3
15/5/2018 6:04	52.9	56.3	49.4
15/5/2018 6:09	52.9	55.6	49.1
15/5/2018 6:14	53.9	57.3	49.1
15/5/2018 6:19	49.2	51.4	46.7
15/5/2018 6:24	50.5	52.7	47.4
15/5/2018 6:29	50.8	53.9	46.3
15/5/2018 6:34	50.3	53.2	45.8
15/5/2018 6:39	51.4	53.4	47.6
15/5/2018 6:44	56.5	59.8	47.0
15/5/2018 6:49	50.0	52.6	47.2
15/5/2018 6:54	51.5	55.3	48.0
15/5/2018 6:59	51.3	54.9	47.7

Measured Noise Levels (dB(A)) at NMS-CA-4 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
15/5/2018 23:04	59.4	62.8	51.0
15/5/2018 23:09	61.1	65.4	50.9
15/5/2018 23:14	65.2	67.7	50.7
15/5/2018 23:19	57.4	60.6	49.8
15/5/2018 23:24	55.6	59.0	49.6
15/5/2018 23:29	53.2	55.9	50.0
15/5/2018 23:34	60.3	64.8	52.3
15/5/2018 23:39	53.3	55.0	51.2
15/5/2018 23:44	65.3	69.4	51.9
15/5/2018 23:49	58.1	62.4	49.1
15/5/2018 23:54	60.1	64.7	48.6
15/5/2018 23:59	59.8	64.1	50.6
16/5/2018 0:04	53.3	55.8	49.9
16/5/2018 0:09	60.5	65.0	50.7
16/5/2018 0:14	60.9	65.7	49.7
16/5/2018 0:19	64.8	68.9	50.8
16/5/2018 0:24	62.4	67.4	49.0
16/5/2018 0:29	64.2	69.5	47.8
16/5/2018 0:34	62.5	67.1	48.4
16/5/2018 0:39	61.3	65.7	49.4
16/5/2018 0:44	59.4	63.5	48.7
16/5/2018 0:49	62.7	67.3	46.8
16/5/2018 0:54	56.0	60.9	47.3
16/5/2018 0:59	62.8	67.5	49.4
16/5/2018 1:04	61.5	66.0	49.4
16/5/2018 1:09	60.8	65.2	48.7
16/5/2018 1:14	63.6	68.3	49.1
16/5/2018 1:19	59.8	64.2	49.4
16/5/2018 1:24	61.8	66.0	50.4
16/5/2018 1:29	56.2	60.0	48.8
16/5/2018 1:34	48.2	49.3	46.9
16/5/2018 1:39	53.3	56.9	47.1
16/5/2018 1:44	49.8	51.7	47.6
16/5/2018 1:49	53.6	57.7	47.8
16/5/2018 1:54	53.2	57.0	48.3
16/5/2018 1:59	48.8	49.7	47.9
16/5/2018 2:04	52.5	55.5	48.1
16/5/2018 2:09	53.2	56.0	49.2
16/5/2018 2:14	53.2	55.4	50.0
16/5/2018 2:19	54.9	58.4	48.9
16/5/2018 2:24	49.0	50.1	47.5
16/5/2018 2:29	47.4	49.1	45.6
16/5/2018 2:34	46.9	48.2	45.4
16/5/2018 2:39	50.8	54.3	46.1
16/5/2018 2:44	48.7	50.3	46.5
16/5/2018 2:49	50.0	51.9	47.3
16/5/2018 2:54	49.1	50.7	46.9
16/5/2018 2:59	51.4	55.0	46.0
16/5/2018 3:04	47.9	49.7	45.5
16/5/2018 3:09	53.4	56.3	47.7
16/5/2018 3:14	49.0	50.6	47.1
16/5/2018 3:19	52.0	55.3	46.7
16/5/2018 3:24	51.4	54.8	45.7
16/5/2018 3:29	52.5	57.2	45.2

Measured Noise Levels (dB(A)) at NMS-CA-4 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
16/5/2018 3:34	51.2	55.0	45.1
16/5/2018 3:39	56.4	61.0	45.7
16/5/2018 3:44	56.8	60.6	45.6
16/5/2018 3:49	52.1	56.1	44.9
16/5/2018 3:54	52.5	56.6	44.8
16/5/2018 3:59	52.8	56.4	45.5
16/5/2018 4:04	53.0	57.5	44.4
16/5/2018 4:09	53.2	57.4	44.5
16/5/2018 4:14	51.4	54.9	46.0
16/5/2018 4:19	50.7	53.8	45.6
16/5/2018 4:24	55.9	59.9	46.2
16/5/2018 4:29	48.9	50.2	47.2
16/5/2018 4:34	53.9	58.0	46.7
16/5/2018 4:39	49.0	51.1	46.1
16/5/2018 4:44	47.9	49.5	46.0
16/5/2018 4:49	48.3	49.9	46.4
16/5/2018 4:54	48.9	50.8	46.4
16/5/2018 4:59	49.4	51.5	47.4
16/5/2018 5:04	49.7	51.5	47.4
16/5/2018 5:09	56.6	61.2	47.6
16/5/2018 5:14	50.0	52.7	47.0
16/5/2018 5:19	47.6	49.0	45.5
16/5/2018 5:24	50.9	53.5	46.5
16/5/2018 5:29	50.5	52.3	47.7
16/5/2018 5:34	49.8	52.4	46.4
16/5/2018 5:39	49.8	51.3	47.8
16/5/2018 5:44	52.0	53.9	49.3
16/5/2018 5:49	53.2	54.1	49.4
16/5/2018 5:54	53.7	56.5	50.2
16/5/2018 5:59	52.3	54.9	48.4
16/5/2018 6:04	52.7	54.9	50.3
16/5/2018 6:09	51.5	52.9	49.3
16/5/2018 6:14	52.1	54.1	49.7
16/5/2018 6:19	53.1	55.6	50.6
16/5/2018 6:24	53.8	55.8	51.5
16/5/2018 6:29	54.2	57.1	50.2
16/5/2018 6:34	52.9	54.9	50.3
16/5/2018 6:39	55.3	58.4	50.5
16/5/2018 6:44	52.6	54.1	50.4
16/5/2018 6:49	54.2	56.9	51.4
16/5/2018 6:54	53.8	57.0	50.8
16/5/2018 6:59	54.3	55.8	52.2

Measured Noise Levels (dB(A)) at NMS-CA-4 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
16/5/2018 23:00	58.5	62.8	49.2
16/5/2018 23:05	58.5	63.1	49.5
16/5/2018 23:10	60.5	62.5	49.3
16/5/2018 23:15	57.3	60.6	47.5
16/5/2018 23:20	57.7	59.8	47.9
16/5/2018 23:25	55.5	56.5	49.1
16/5/2018 23:30	57.8	61.5	50.6
16/5/2018 23:35	52.3	53.5	50.6
16/5/2018 23:40	56.0	58.1	50.9
16/5/2018 23:45	53.4	55.4	51.6
16/5/2018 23:50	60.1	64.8	52.7
16/5/2018 23:55	57.3	60.7	50.3
17/5/2018 0:00	51.6	53.8	48.4
17/5/2018 0:05	58.8	62.3	51.9
17/5/2018 0:10	56.2	59.5	49.7
17/5/2018 0:15	61.3	65.0	48.6
17/5/2018 0:20	63.6	67.4	48.6
17/5/2018 0:25	63.0	67.4	48.2
17/5/2018 0:30	63.8	69.0	47.9
17/5/2018 0:35	50.8	54.8	47.3
17/5/2018 0:40	56.8	60.9	47.6
17/5/2018 0:45	63.5	68.1	48.0
17/5/2018 0:50	61.2	64.5	47.7
17/5/2018 0:55	62.5	66.7	49.5
17/5/2018 1:00	63.1	67.4	49.0
17/5/2018 1:05	62.5	66.5	48.7
17/5/2018 1:10	58.7	63.2	47.9
17/5/2018 1:15	59.9	64.0	48.5
17/5/2018 1:20	61.9	66.3	48.4
17/5/2018 1:25	61.1	66.3	48.9
17/5/2018 1:30	50.3	51.6	48.1
17/5/2018 1:35	57.1	60.4	49.8
17/5/2018 1:40	57.0	61.4	49.6
17/5/2018 1:45	60.1	64.4	49.4
17/5/2018 1:50	62.7	64.6	49.5
17/5/2018 1:55	50.0	50.8	49.0
17/5/2018 2:00	52.9	53.2	48.6
17/5/2018 2:05	57.2	62.1	48.6
17/5/2018 2:10	56.5	59.9	48.8
17/5/2018 2:15	49.3	50.6	46.0
17/5/2018 2:20	54.5	58.8	49.4
17/5/2018 2:25	61.1	65.9	46.3
17/5/2018 2:30	56.6	60.8	44.3
17/5/2018 2:35	60.0	65.1	45.1
17/5/2018 2:40	55.4	58.2	43.6
17/5/2018 2:45	60.8	63.9	44.7
17/5/2018 2:50	58.9	63.6	46.1
17/5/2018 2:55	53.5	57.7	45.7
17/5/2018 3:00	57.2	59.6	45.8
17/5/2018 3:05	48.0	49.3	46.2
17/5/2018 3:10	48.7	49.9	46.2
17/5/2018 3:15	58.8	60.5	47.1
17/5/2018 3:20	58.1	59.3	46.4
17/5/2018 3:25	55.4	59.2	47.0

Measured Noise Levels (dB(A)) at NMS-CA-4 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
17/5/2018 3:30	56.7	60.3	47.6
17/5/2018 3:35	61.2	66.2	48.5
17/5/2018 3:40	58.4	59.8	47.6
17/5/2018 3:45	61.2	65.7	46.7
17/5/2018 3:50	61.3	65.6	48.6
17/5/2018 3:55	58.8	62.3	48.0
17/5/2018 4:00	59.6	63.0	48.4
17/5/2018 4:05	57.3	61.1	46.5
17/5/2018 4:10	47.7	48.8	46.3
17/5/2018 4:15	62.9	67.7	46.4
17/5/2018 4:20	64.1	68.7	46.3
17/5/2018 4:25	48.7	50.0	47.1
17/5/2018 4:30	47.3	48.7	45.6
17/5/2018 4:35	48.6	49.7	47.1
17/5/2018 4:40	47.9	49.2	46.4
17/5/2018 4:45	49.1	50.4	47.5
17/5/2018 4:50	48.2	49.3	46.8
17/5/2018 4:55	48.1	49.3	46.8
17/5/2018 5:00	48.1	49.4	46.5
17/5/2018 5:05	47.6	48.8	46.0
17/5/2018 5:10	47.6	48.8	46.3
17/5/2018 5:15	47.8	49.1	46.2
17/5/2018 5:20	47.9	49.3	46.1
17/5/2018 5:25	48.9	50.8	46.7
17/5/2018 5:30	50.0	51.7	47.4
17/5/2018 5:35	47.9	49.6	45.8
17/5/2018 5:40	48.1	50.5	45.7
17/5/2018 5:45	50.3	52.6	46.1
17/5/2018 5:50	50.4	52.6	47.9
17/5/2018 5:55	51.6	52.9	47.4
17/5/2018 6:00	50.9	52.6	47.8
17/5/2018 6:05	52.1	54.5	48.4
17/5/2018 6:10	50.4	53.0	48.2
17/5/2018 6:15	49.6	51.2	46.3
17/5/2018 6:20	49.1	51.0	46.6
17/5/2018 6:25	49.9	53.2	46.9
17/5/2018 6:30	48.4	50.0	46.6
17/5/2018 6:35	50.6	52.3	47.8
17/5/2018 6:40	50.7	53.4	47.1
17/5/2018 6:45	49.6	52.2	46.4
17/5/2018 6:50	50.5	52.5	47.4
17/5/2018 6:55	51.5	53.7	48.9

Measured Noise Levels (dB(A)) at NMS-CA-4 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
17/5/2018 23:00	53.8	56.1	50.5
17/5/2018 23:05	53.7	55.6	51.4
17/5/2018 23:10	53.8	55.8	51.3
17/5/2018 23:15	52.5	54.3	50.0
17/5/2018 23:20	52.5	55.5	49.4
17/5/2018 23:25	50.2	51.5	49.2
17/5/2018 23:30	52.4	55.8	49.2
17/5/2018 23:35	51.1	52.8	49.6
17/5/2018 23:40	51.4	53.2	49.3
17/5/2018 23:45	50.9	52.7	48.8
17/5/2018 23:50	50.0	51.6	47.9
17/5/2018 23:55	51.2	53.6	48.2
18/5/2018 0:00	50.9	52.2	48.2
18/5/2018 0:05	52.5	56.2	48.6
18/5/2018 0:10	54.4	58.0	49.5
18/5/2018 0:15	54.7	58.0	49.6
18/5/2018 0:20	57.1	59.7	54.3
18/5/2018 0:25	57.3	60.0	54.5
18/5/2018 0:30	57.5	60.2	54.6
18/5/2018 0:35	56.6	59.8	51.8
18/5/2018 0:40	53.5	57.7	47.1
18/5/2018 0:45	52.7	55.1	49.0
18/5/2018 0:50	53.5	54.9	50.8
18/5/2018 0:55	52.3	54.0	49.0
18/5/2018 1:00	52.6	54.2	48.9
18/5/2018 1:05	52.5	54.1	49.9
18/5/2018 1:10	52.0	54.2	48.3
18/5/2018 1:15	51.6	53.5	49.6
18/5/2018 1:20	52.0	54.0	49.6
18/5/2018 1:25	52.5	53.9	50.0
18/5/2018 1:30	51.9	53.6	50.2
18/5/2018 1:35	51.3	53.1	49.2
18/5/2018 1:40	49.5	51.3	47.1
18/5/2018 1:45	48.6	50.4	46.6
18/5/2018 1:50	48.8	50.1	47.1
18/5/2018 1:55	48.5	50.4	46.3
18/5/2018 2:00	48.5	49.8	47.0
18/5/2018 2:05	51.8	53.3	49.4
18/5/2018 2:10	50.9	51.7	50.2
18/5/2018 2:15	50.8	51.6	49.9
18/5/2018 2:20	50.9	51.6	50.1
18/5/2018 2:25	51.1	52.1	49.9
18/5/2018 2:30	51.0	51.8	50.2
18/5/2018 2:35	49.8	51.4	47.2
18/5/2018 2:40	48.1	49.1	47.1
18/5/2018 2:45	48.5	50.2	46.6
18/5/2018 2:50	48.3	49.9	46.6
18/5/2018 2:55	48.2	49.9	45.3
18/5/2018 3:00	48.3	51.6	44.6
18/5/2018 3:05	46.2	48.9	43.6
18/5/2018 3:10	48.6	50.4	46.6
18/5/2018 3:15	49.6	53.3	45.1
18/5/2018 3:20	45.1	46.4	43.7
18/5/2018 3:25	47.5	48.6	46.1

Measured Noise Levels (dB(A)) at NMS-CA-4 during Night-time (2300-0700 hours)

Date & Time	L <sub>eq</sub> (5min)	L <sub>10</sub>	L <sub>90</sub>
18/5/2018 3:30	45.9	47.6	44.0
18/5/2018 3:35	49.3	51.1	44.9
18/5/2018 3:40	49.4	51.0	47.5
18/5/2018 3:45	47.9	49.6	45.3
18/5/2018 3:50	46.1	47.3	44.5
18/5/2018 3:55	47.8	49.9	44.8
18/5/2018 4:00	50.2	52.3	45.8
18/5/2018 4:05	46.4	47.5	45.2
18/5/2018 4:10	45.3	46.7	44.0
18/5/2018 4:15	45.8	47.1	44.6
18/5/2018 4:20	46.3	47.4	45.1
18/5/2018 4:25	46.8	47.8	45.6
18/5/2018 4:30	46.7	48.4	45.2
18/5/2018 4:35	48.7	50.9	46.3
18/5/2018 4:40	47.6	48.6	46.2
18/5/2018 4:45	47.9	49.5	46.2
18/5/2018 4:50	47.3	48.3	46.2
18/5/2018 4:55	48.4	51.3	45.7
18/5/2018 5:00	46.5	48.0	45.1
18/5/2018 5:05	47.2	48.4	45.2
18/5/2018 5:10	47.4	49.0	45.4
18/5/2018 5:15	46.5	47.8	44.9
18/5/2018 5:20	48.9	51.1	46.4
18/5/2018 5:25	50.2	52.7	47.5
18/5/2018 5:30	50.0	52.6	45.3
18/5/2018 5:35	47.9	50.0	45.6
18/5/2018 5:40	47.7	49.5	45.7
18/5/2018 5:45	50.3	52.8	46.8
18/5/2018 5:50	50.3	52.4	47.6
18/5/2018 5:55	54.2	57.4	49.6
18/5/2018 6:00	51.7	54.0	49.0
18/5/2018 6:05	52.6	54.9	49.3
18/5/2018 6:10	53.9	54.6	51.5
18/5/2018 6:15	53.4	54.8	50.3
18/5/2018 6:20	51.1	53.6	48.5
18/5/2018 6:25	51.2	52.9	48.8
18/5/2018 6:30	51.2	52.8	47.9
18/5/2018 6:35	51.2	53.5	48.8
18/5/2018 6:40	51.9	54.6	48.6
18/5/2018 6:45	51.5	53.8	48.7
18/5/2018 6:50	51.8	53.8	49.3
18/5/2018 6:55	53.8	56.3	49.7

**Average 63.2**  
**Min 45.1**  
**Max 84.3**



Annex B3

## Graphical Presentation of Noise Monitoring Results

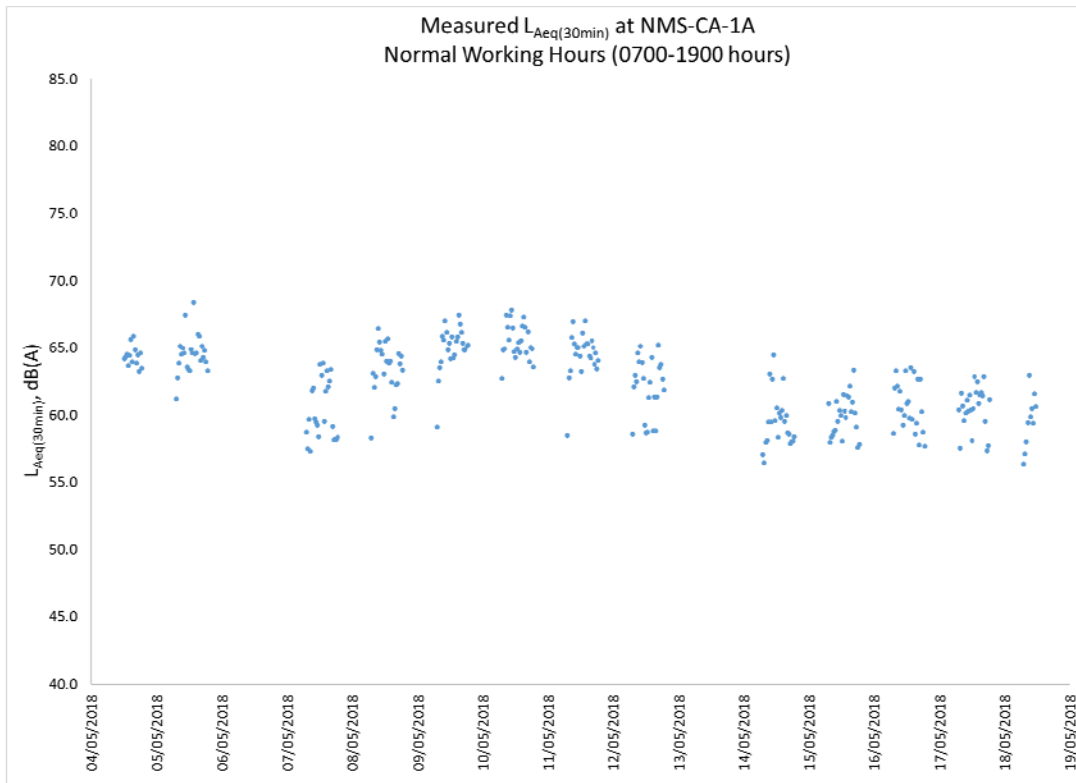


Figure 1: Measured  $L_{Aeq(30min)}$  at Station NMS-CA-1A during Normal Working Hours (0700-1900 hours) between 4 and 18 May 2018

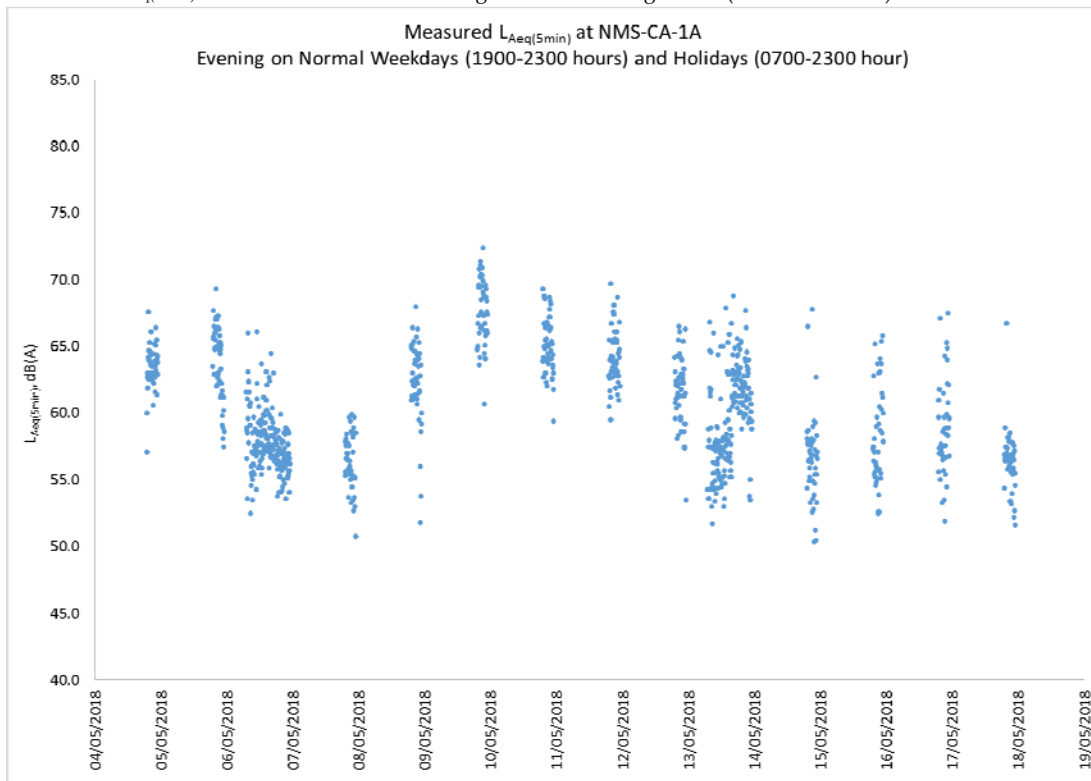


Figure 2: Measured  $L_{Aeq(5min)}$  at Station NMS-CA-1A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours) between 4 and 18 May 2018

Source: P:\Projects\0445700 CEDD ET for Tung Chung, JT\02\_Deliverable\08 Baseline Monitoring Report\Annex

Date: May 2018

**Environmental  
Resources  
Management**



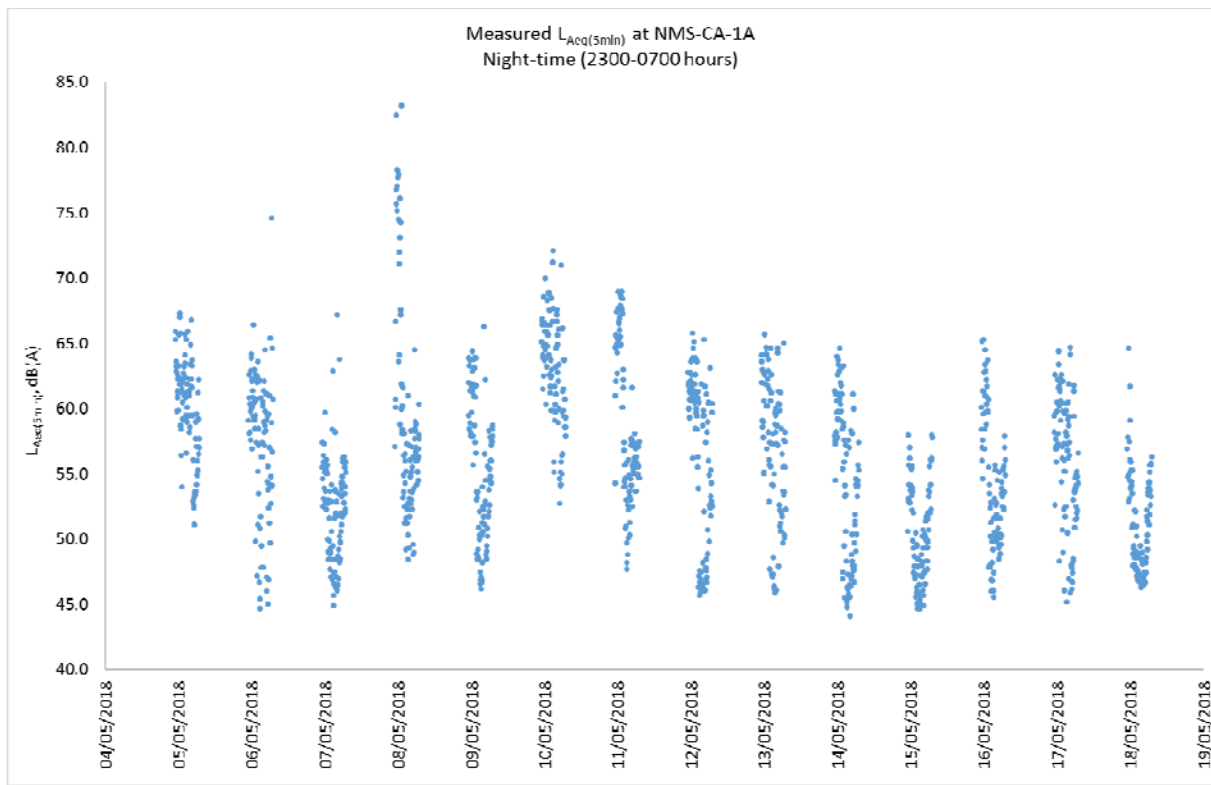


Figure 3: Measured  $L_{Aeq(5min)}$  at Station NMS-CA-1A during Night-time (2300-0700 hours) between 4 and 18 May 2018

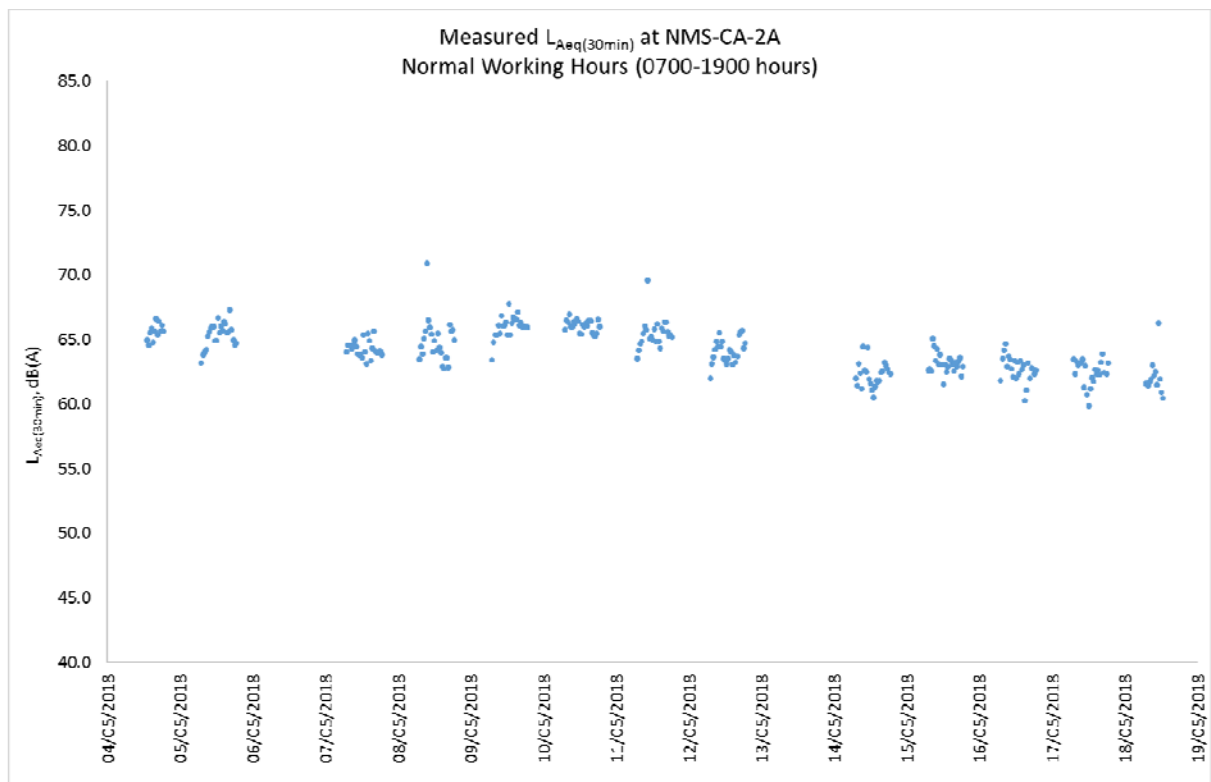


Figure 4: Measured  $L_{Aeq(30min)}$  at Station NMS-CA-2A during Normal Working Hours (0700-1900 hours) between 4 and 18 May 2018

Source: P:\Projects\0445700 CEDD ET for Tung Chung.JT\02\_Deliverable\08 Baseline Monitoring Report\Annex

Date: May 2018

Environmental  
Resources  
Management



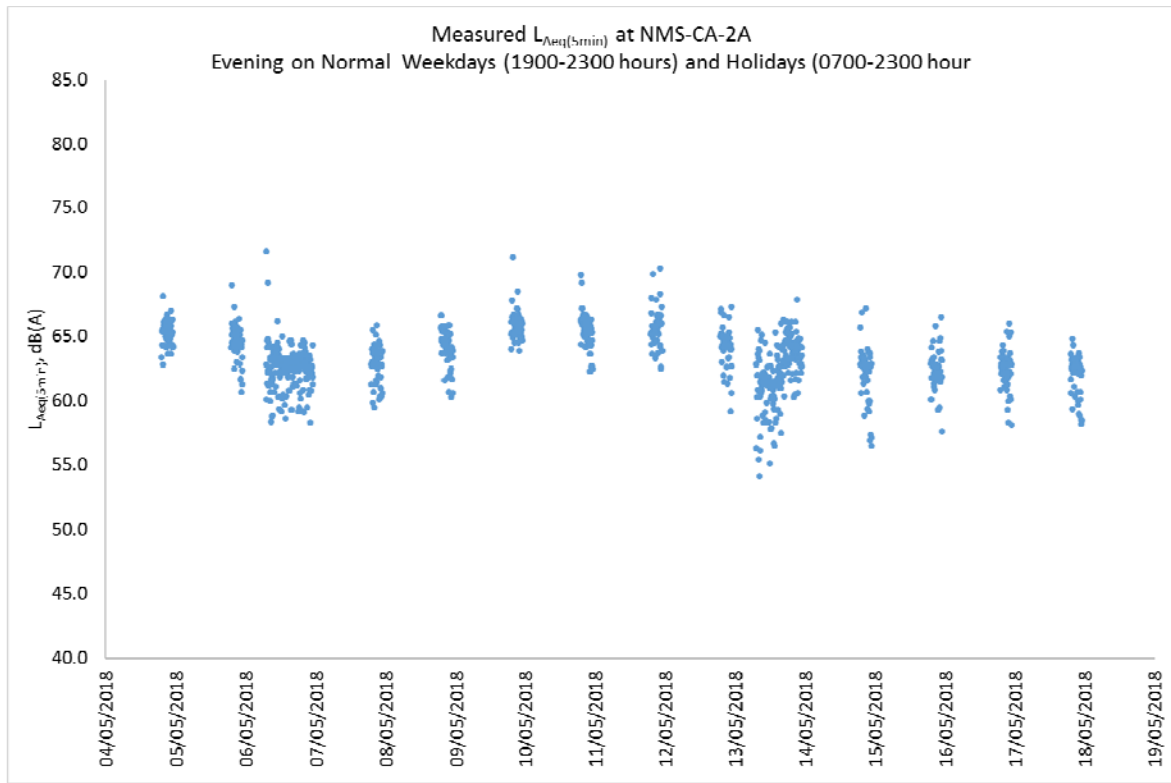


Figure 5: Measured  $L_{Aeq(5min)}$  at Station NMS-CA-2A during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours) between 4 and 18 May 2018

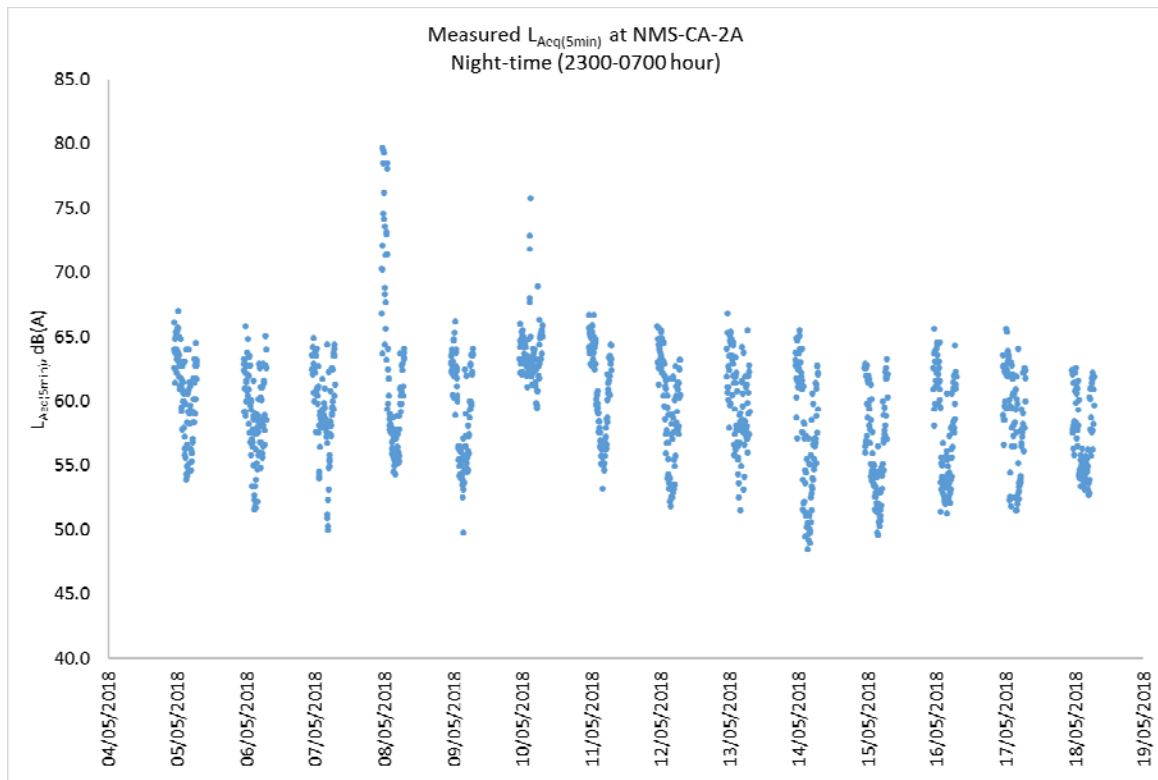


Figure 6: Measured  $L_{Aeq(5min)}$  at Station NMS-CA-1A during Night-time (2300-0700 hours) between 4 and 18 May 2018

Source: P:\Projects\0445700 CEDD ET for Tung Chung.JT\02\_Deliverable\08 Baseline Monitoring Report\Annex

Date: May 2018

Environmental  
Resources  
Management



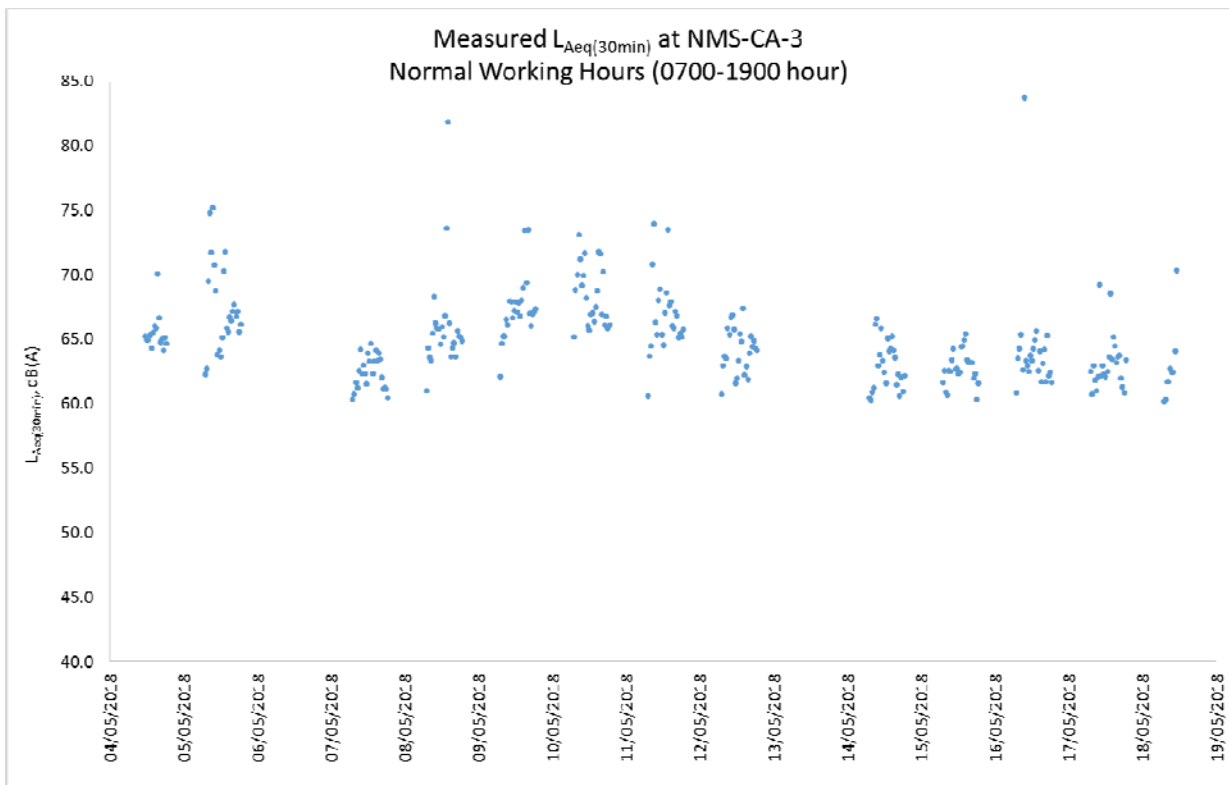


Figure 7: Measured  $L_{Aeq(30min)}$  at Station NMS-CA-3 during Normal Working Hours (0700-1900 hours) between 4 and 18 May 2018

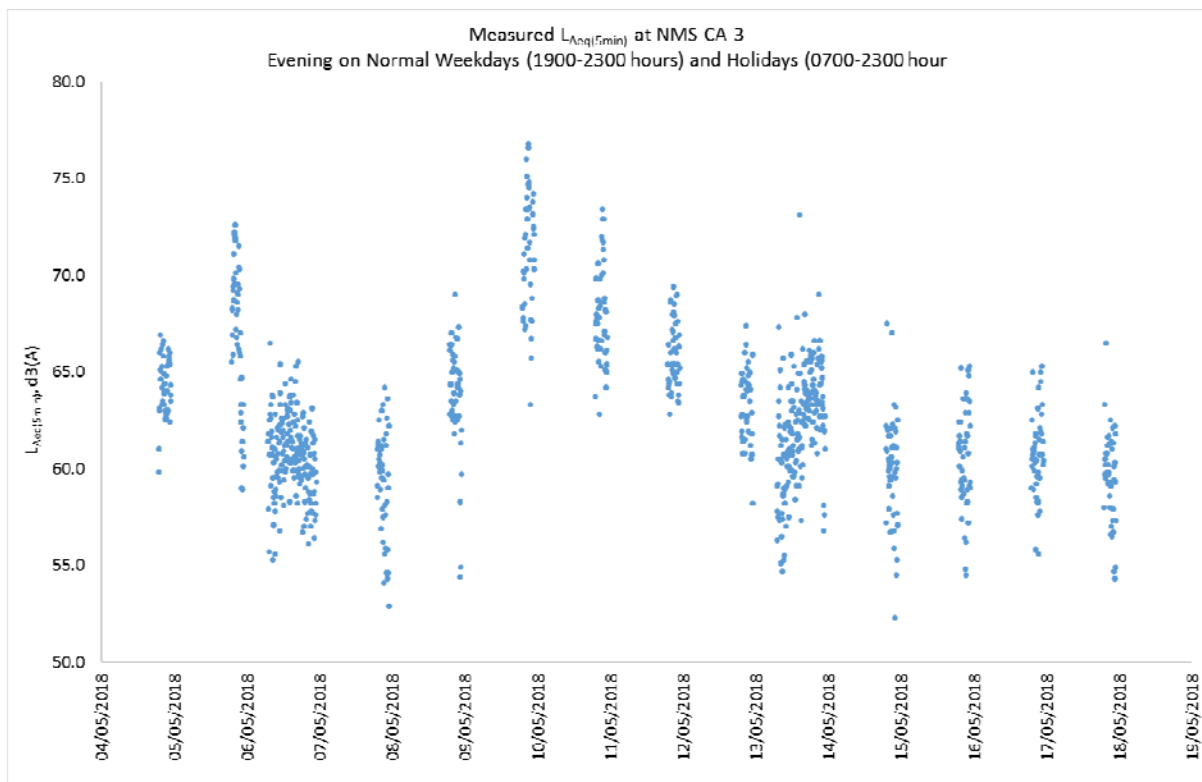


Figure 8: Measured  $L_{Aeq(5min)}$  at Station NMS-CA-3 during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours) between 4 and 18 May 2018

Source: P:\Projects\0445700 CEDD ET for Tung Chung\JT\02\_Deliverable\08 Baseline Monitoring Report\Annex

Date: May 2018

Environmental  
Resources  
Management



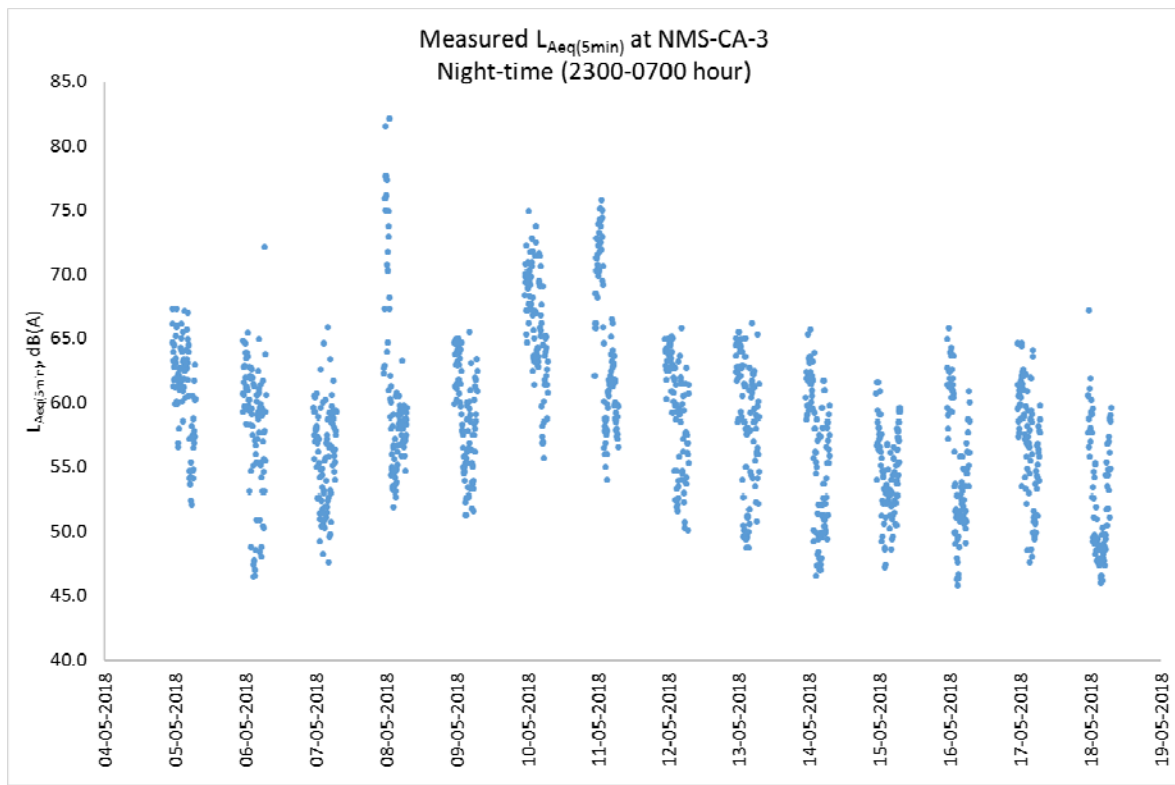


Figure 9: Measured  $L_{Aeq(5min)}$  at Station NMS-CA-3 during Night-time (2300-0700 hours) between 4 and 18 May 2018

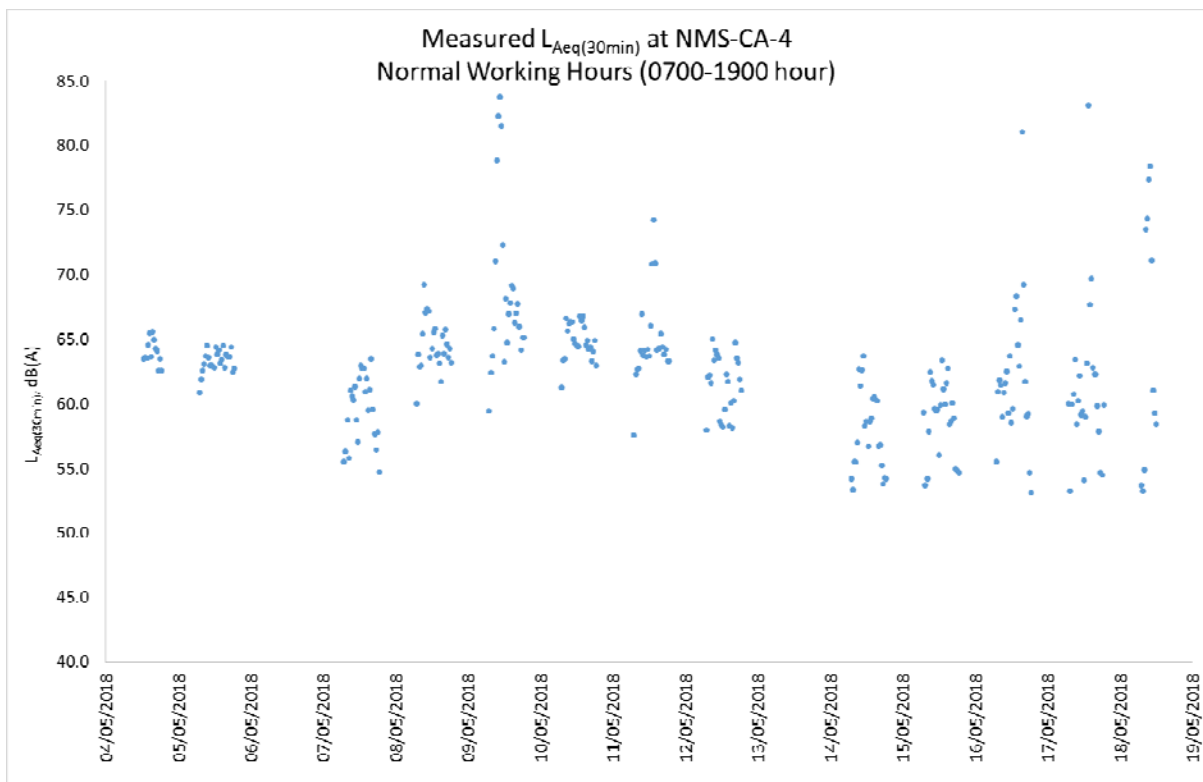


Figure 10: Measured  $L_{Aeq(30min)}$  at Station NMS-CA-4 during Normal Working Hours (0700-1900 hours) between 4 and 18 May 2018

Source: P:\Projects\0445700 CEDD ET for Tung Chung.JT\02\_Deliverable\08 Baseline Monitoring Report\Annex

Date: May 2018

Environmental  
Resources  
Management



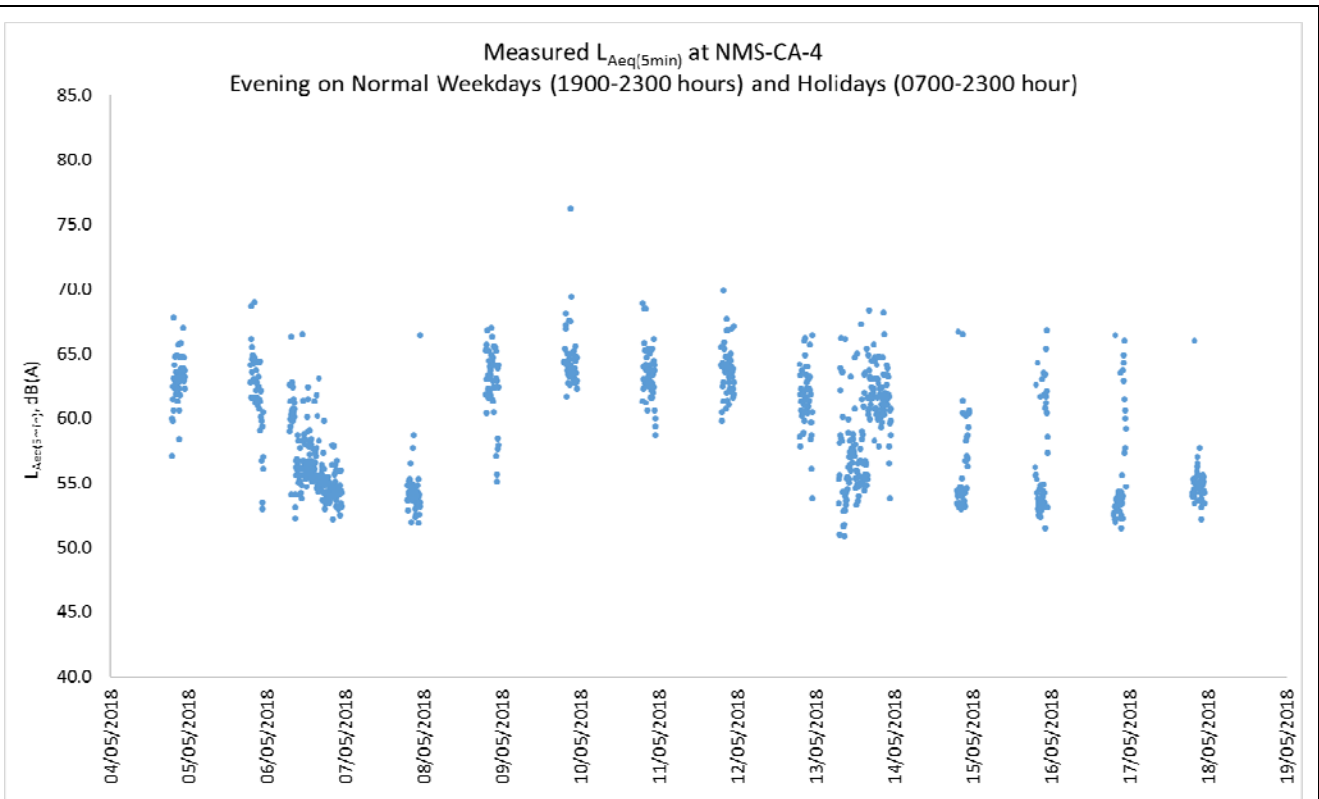


Figure 11: Measured  $L_{Aeq(5min)}$  at Station NMS-CA-4 during Evening on Normal Weekdays (1900-2300 hours) and Holidays (0700-2300 hours) between 4 and 18 May 2018

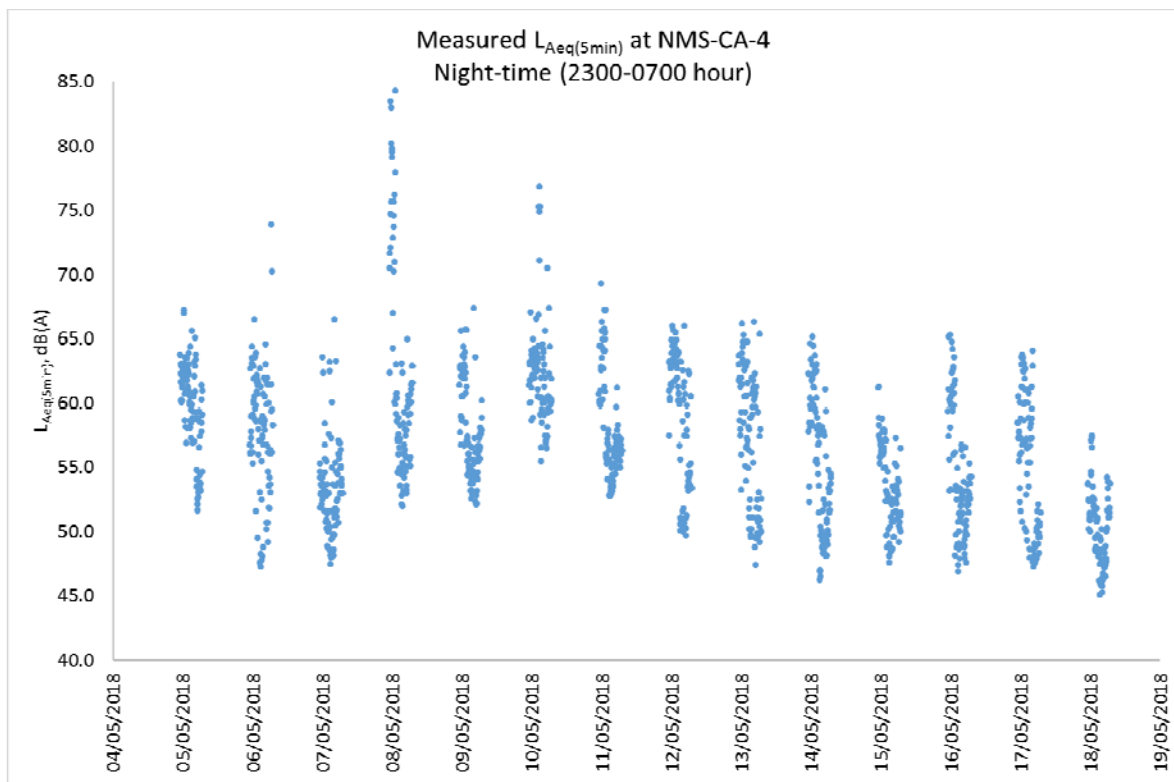


Figure 12: Measured  $L_{Aeq(5min)}$  at Station NMS-CA-4 during Night-time (2300-0700 hours) between 4 and 18 May 2018

Source: P:\Projects\0445700 CEDD ET for Tung Chung.JT\02\_Deliverable\08 Baseline Monitoring Report\Annex

Date: May 2018

**Environmental  
Resources  
Management**



Annex C

## Water Quality



Annex C1

Calibration Certificates for  
the Water Quality  
Monitoring Equipment



專業化驗有限公司

QUALITY PRO TEST-CONSULT LIMITED

Unit 10, 14/F, Wah Wai Centre, 38-40 Au Pui Wan St., Fotan, Hong Kong

Email: info@qualityprotest.com; Website: www.qualityprotest.com

Tel: (852) 3956 8717; Fax: (852) 3956 3928

## REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Report No. : AH040199  
Date of Issue : 04 May 2018  
Page No. : 1 of 2

### PART A – CUSTOMER INFORMATION

Enovative Environmental Service Ltd.  
Flat 2207, Yu Fun House,  
Yu Chui Court, Shatin,  
New Territories, Hong Kong  
Attn: Mr. Thomas WONG

### PART B – DESCRIPTION

Name of Equipment : YSI ProDSS (Multi-Parameters)  
Manufacturer : YSI (a xylem brand)  
Serial Number : 15M100005  
Date of Received : Apr 30, 2018  
Date of Calibration : Apr 30, 2018 to Apr 30, 2018  
Date of Next Calibration<sup>(a)</sup> : Jul 30, 2018

### PART C – REFERENCE METHODS/ DOCUMENTS FOR THE CALIBRATION

Parameter	Reference Method
pH at 25°C	APHA 21e 4500-H <sup>+</sup> B
Dissolved Oxygen	APHA 21e 4500-O G
Conductivity at 25°C	APHA 21e 2510 B
Salinity	APHA 21e 2520 B
Turbidity	APHA 21e 2130 B
Temperature	Section 6 of international Accreditation New Zealand Technical Guide no. 3 Second edition March 2008: Working Thermometer Calibration Procedure.

### PART D – CALIBRATION RESULTS<sup>(b,c)</sup>

#### (1) pH at 25°C

Target (pH unit)	Displayed Reading <sup>(d)</sup> (pH Unit)	Tolerance <sup>(e)</sup> (pH Unit)	Results
4.00	4.07	0.07	Satisfactory
7.42	7.49	0.07	Satisfactory
10.01	10.08	0.07	Satisfactory

Tolerance of pH should be less than ±0.10 (pH unit)

#### (2) Temperature

Reading of Ref. thermometer (°C)	Displayed Reading (°C)	Tolerance (°C)	Results
13.0	13.1	0.1	Satisfactory
25.0	25.2	0.2	Satisfactory
38.0	37.9	-0.1	Satisfactory


Tolerance limit of temperature should be less than ±2.0 (°C)

~ CONTINUED ON NEXT PAGE ~

#### Remark(s): -

- <sup>(a)</sup> The "Date of Next Calibration" is recommended according to best practice principals as practiced by QPT or quoted from relevant international standards.  
<sup>(b)</sup> The results relate only to the calibrated equipment as received  
<sup>(c)</sup> The performance of the equipment stated in this report is checked with independent reference material and results compared against a calibrated secondary source.  
<sup>(d)</sup> "Displayed Reading" denotes the figure shown on item under calibration/ checking regardless of equipment precision or significant figures.  
<sup>(e)</sup> The "Tolerance Limit" mentioned is the acceptance criteria applicable for similar equipment used by QPT or quoted from relevant international standards.

APPROVED SIGNATORY:

  
LAM Ho-ye, Emma  
Assistant Laboratory Manager



專業化驗有限公司

QUALITY PRO TEST-CONSULT LIMITED

Unit 10, 14/F, Wah Wai Centre, 38-40 Au Pui Wan St., Fotan, Hong Kong

Email: info@qualityprotest.com; Website: www.qualityprotest.com

Tel: (852) 3956 8717; Fax: (852) 3956 3928

## REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Report No. : AH040199  
Date of Issue : 04 May 2018  
Page No. : 2 of 2

### PART D – CALIBRATION RESULTS (Cont'd)

#### (3) Dissolved Oxygen

Expected Reading (mg/L)	Displayed Reading (mg/L)	Tolerance (mg/L)	Results
0.00	0.08	0.08	Satisfactory
2.56	2.63	0.07	Satisfactory
4.72	4.64	-0.08	Satisfactory
6.76	6.66	-0.10	Satisfactory

Tolerance limit of dissolved oxygen should be less than  $\pm 0.20$  (mg/L)

#### (4) Conductivity at 25°C

Conc. of KCl (M)	Expected Reading ( $\mu\text{S/cm}$ )	Displayed Reading ( $\mu\text{S/cm}$ )	Tolerance (%)	Results
0.001	146.9	151.6	3.2	Satisfactory
0.01	1412	1429	1.2	Satisfactory
0.1	12890	12834	-0.4	Satisfactory
0.5	58670	57932	-1.3	Satisfactory
1.0	111900	108516	-3.0	Satisfactory

Tolerance limit of conductivity should be less than  $\pm 10.0$  (%)

#### (5) Salinity

Expected Reading (g/L)	Displayed Reading (g/L)	Tolerance (%)	Results
10	9.92	-0.8	Satisfactory
20	20.28	1.4	Satisfactory
30	30.61	2.0	Satisfactory

Tolerance limit of salinity should be less than  $\pm 10.0$  (%)

#### (6) Turbidity

Expected Reading (NTU)	Displayed Reading <sup>(f)</sup> (NTU)	Tolerance <sup>(g)</sup> (%)	Results
0	0.1	--	--
10	10.2	2.0	Satisfactory
20	19.7	-1.5	Satisfactory
100	107.2	7.2	Satisfactory
800	807.6	1.0	Satisfactory

Tolerance limit of turbidity should be less than  $\pm 10.0$  (%)

~ END OF REPORT ~

**Remark(s): -**

<sup>(f)</sup> "Displayed Reading" presents the figures shown on item under calibration/ checking regardless of equipment precision or significant figures.

<sup>(g)</sup> The "Tolerance Limit" mentioned is the acceptance criteria applicable for similar equipment used by Quality Pro Test-Consult Ltd. or quoted from relevant international standards.



# REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Report No. : AH030201  
 Date of Issue : 03 April 2018  
 Page No. : 1 of 2

## PART A – CUSTOMER INFORMATION

Enovative Environmental Service Ltd.  
 Rm 811, Hin Pui House,  
 Hin Keng Estate, Tai Wai  
 New Territories, Hong Kong  
 Attn: Mr. Thomas WONG

## PART B – DESCRIPTION

Name of Equipment : YSI ProDSS (Multi-Parameters)  
 Manufacturer : YSI (a xylem brand)  
 Serial Number : 16H104233  
 Date of Received : Mar 27, 2018  
 Date of Calibration : Mar 27, 2018 to Mar 27, 2018  
 Date of Next Calibration<sup>(a)</sup> : May 27, 2018

## PART C – REFERENCE METHODS/ DOCUMENTS FOR THE CALIBRATION

Parameter	Reference Method
pH at 25°C	APHA 21e 4500-H <sup>+</sup> B
Dissolved Oxygen	APHA 21e 4500-O G
Conductivity at 25°C	APHA 21e 2510 B
Salinity	APHA 21e 2520 B
Turbidity	APHA 21e 2130 B
Temperature	Section 6 of international Accreditation New Zealand Technical Guide no. 3 Second edition March 2008: Working Thermometer Calibration Procedure.

## PART D – CALIBRATION RESULTS<sup>(b,c)</sup>

### (1) pH at 25°C

Target (pH unit)	Displayed Reading <sup>(d)</sup> (pH Unit)	Tolerance <sup>(e)</sup> (pH Unit)	Results
4.00	3.98	-0.02	Satisfactory
7.42	7.39	-0.03	Satisfactory
10.01	9.96	-0.05	Satisfactory

Tolerance of pH should be less than ±0.10 (pH unit)

### (2) Temperature

Reading of Ref. thermometer (°C)	Displayed Reading (°C)	Tolerance (°C)	Results
16.5	16.3	-0.2	Satisfactory
26.5	26.4	-0.1	Satisfactory
34.0	33.9	-0.1	Satisfactory


Tolerance limit of temperature should be less than ±2.0 (°C)

~ CONTINUED ON NEXT PAGE ~

#### Remark(s): -

- <sup>(a)</sup> The "Date of Next Calibration" is recommended according to best practice principals as practiced by QPT or quoted from relevant international standards.
- <sup>(b)</sup> The results relate only to the calibrated equipment as received
- <sup>(c)</sup> The performance of the equipment stated in this report is checked with independent reference material and results compared against a calibrated secondary source.
- <sup>(d)</sup> "Displayed Reading" denotes the figure shown on item under calibration/ checking regardless of equipment precision or significant figures.
- <sup>(e)</sup> The "Tolerance Limit" mentioned is the acceptance criteria applicable for similar equipment used by QPT or quoted from relevant international standards.

APPROVED SIGNATORY:

  
 LAM Ho-ye, Emma  
 Assistant Laboratory Manager



## REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Report No. : AH030201  
Date of Issue : 03 April 2018  
Page No. : 2 of 2

### PART D – CALIBRATION RESULTS (Cont'd)

#### (3) Dissolved Oxygen

Expected Reading (mg/L)	Displayed Reading (mg/L)	Tolerance (mg/L)	Results
0.00	0.13	+0.13	Satisfactory
4.39	4.29	-0.10	Satisfactory
5.84	5.74	-0.10	Satisfactory
7.31	7.27	-0.04	Satisfactory

Tolerance limit of dissolved oxygen should be less than  $\pm 0.20$  (mg/L)

#### (4) Conductivity at 25°C

Conc. of KCl (M)	Expected Reading ( $\mu\text{S}/\text{cm}$ )	Displayed Reading ( $\mu\text{S}/\text{cm}$ )	Tolerance (%)	Results
0.001	146.9	150.8	+2.7	Satisfactory
0.01	1412	1442	+2.1	Satisfactory
0.1	12890	12708	-1.4	Satisfactory
0.5	58670	58072	-1.0	Satisfactory
1.0	111900	107309	-4.1	Satisfactory

Tolerance limit of conductivity should be less than  $\pm 10.0$  (%)

#### (5) Salinity

Expected Reading (g/L)	Displayed Reading (g/L)	Tolerance (%)	Results
10	10.15	+1.5	Satisfactory
20	20.19	+1.0	Satisfactory
30	30.09	+0.3	Satisfactory

Tolerance limit of salinity should be less than  $\pm 10.0$  (%)

#### (6) Turbidity

Expected Reading (NTU)	Displayed Reading <sup>(f)</sup> (NTU)	Tolerance <sup>(g)</sup> (%)	Results
0	0.1	--	--
10	9.5	-5.0	Satisfactory
20	19.4	-3.0	Satisfactory
100	97.2	-2.8	Satisfactory
800	781	-2.4	Satisfactory

Tolerance limit of turbidity should be less than  $\pm 10.0$  (%)

~ END OF REPORT ~

**Remark(s): -**

<sup>(f)</sup> "Displayed Reading" presents the figures shown on item under calibration/ checking regardless of equipment precision or significant figures.

<sup>(g)</sup> The "Tolerance Limit" mentioned is the acceptance criteria applicable for similar equipment used by Quality Pro Test-Consult Ltd. or quoted from relevant international standards.



專業化驗有限公司

QUALITY PRO TEST-CONSULT LIMITED

Unit 10, 14/F, Wah Wai Centre, 38-40 Au Pui Wan St., Fotan, Hong Kong

Email: info@qualityprotest.com; Website: www.qualityprotest.com

Tel: (852) 3956 8717; Fax: (852) 3956 3928

## REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Report No. : AH040200  
Date of Issue : 04 May 2018  
Page No. : 1 of 2

### PART A – CUSTOMER INFORMATION

Enovative Environmental Service Ltd.  
Flat 2207, Yu Fun House,  
Yu Chui Court, Shatin,  
New Territories, Hong Kong  
Attn: Mr. Thomas WONG

### PART B – DESCRIPTION

Name of Equipment : YSI ProDSS (Multi-Parameters)  
Manufacturer : YSI (a xylem brand)  
Serial Number : 16H104234  
Date of Received : Apr 30, 2018  
Date of Calibration : Apr 30, 2018 to Apr 30, 2018  
Date of Next Calibration<sup>(a)</sup> : Jul 30, 2018

### PART C – REFERENCE METHODS/ DOCUMENTS FOR THE CALIBRATION

Parameter	Reference Method
pH at 25°C	APHA 21e 4500-H <sup>+</sup> B
Dissolved Oxygen	APHA 21e 4500-O G
Conductivity at 25°C	APHA 21e 2510 B
Salinity	APHA 21e 2520 B
Turbidity	APHA 21e 2130 B
Temperature	Section 6 of international Accreditation New Zealand Technical Guide no. 3 Second edition March 2008: Working Thermometer Calibration Procedure.

### PART D – CALIBRATION RESULTS<sup>(b,c)</sup>

#### (1) pH at 25°C

Target (pH unit)	Displayed Reading <sup>(d)</sup> (pH Unit)	Tolerance <sup>(e)</sup> (pH Unit)	Results
4.00	4.05	0.05	Satisfactory
7.42	7.46	0.04	Satisfactory
10.01	10.08	0.07	Satisfactory

Tolerance of pH should be less than  $\pm 0.10$  (pH unit)

#### (2) Temperature

Reading of Ref. thermometer (°C)	Displayed Reading (°C)	Tolerance (°C)	Results
13.0	13.1	0.1	Satisfactory
25.0	25.1	0.1	Satisfactory
38.0	38.3	0.3	Satisfactory


Tolerance limit of temperature should be less than  $\pm 2.0$  (°C)

~ CONTINUED ON NEXT PAGE ~

#### Remark(s): -

- <sup>(a)</sup> The "Date of Next Calibration" is recommended according to best practice principals as practiced by QPT or quoted from relevant international standards.  
<sup>(b)</sup> The results relate only to the calibrated equipment as received  
<sup>(c)</sup> The performance of the equipment stated in this report is checked with independent reference material and results compared against a calibrated secondary source.  
<sup>(d)</sup> "Displayed Reading" denotes the figure shown on item under calibration/ checking regardless of equipment precision or significant figures.  
<sup>(e)</sup> The "Tolerance Limit" mentioned is the acceptance criteria applicable for similar equipment used by QPT or quoted from relevant international standards.

APPROVED SIGNATORY:

  
LAM Ho-ye, Emma  
Assistant Laboratory Manager



專業化驗有限公司

QUALITY PRO TEST-CONSULT LIMITED

Unit 10, 14/F, Wah Wai Centre, 38-40 Au Pui Wan St., Fotan, Hong Kong

Email: info@qualityprotest.com; Website: www.qualityprotest.com

Tel: (852) 3956 8717; Fax: (852) 3956 3928

## REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Report No. : AH040200  
Date of Issue : 04 May 2018  
Page No. : 2 of 2

### PART D – CALIBRATION RESULTS (Cont'd)

#### (3) Dissolved Oxygen

Expected Reading (mg/L)	Displayed Reading (mg/L)	Tolerance (mg/L)	Results
0.00	0.11	0.11	Satisfactory
2.56	2.68	0.12	Satisfactory
4.72	4.69	-0.03	Satisfactory
6.76	6.7	-0.06	Satisfactory

Tolerance limit of dissolved oxygen should be less than  $\pm 0.20$  (mg/L)

#### (4) Conductivity at 25°C

Conc. of KCl (M)	Expected Reading ( $\mu\text{S}/\text{cm}$ )	Displayed Reading ( $\mu\text{S}/\text{cm}$ )	Tolerance (%)	Results
0.001	146.9	143.2	-2.5	Satisfactory
0.01	1412	1437	1.8	Satisfactory
0.1	12890	12840	-0.4	Satisfactory
0.5	58670	57789	-1.5	Satisfactory
1.0	111900	108344	-3.2	Satisfactory

Tolerance limit of conductivity should be less than  $\pm 10.0$  (%)

#### (5) Salinity

Expected Reading (g/L)	Displayed Reading (g/L)	Tolerance (%)	Results
10	9.87	-1.3	Satisfactory
20	20.23	1.2	Satisfactory
30	30.60	2.0	Satisfactory

Tolerance limit of salinity should be less than  $\pm 10.0$  (%)

#### (6) Turbidity

Expected Reading (NTU)	Displayed Reading <sup>(f)</sup> (NTU)	Tolerance <sup>(g)</sup> (%)	Results
0	0.1	--	--
10	10.1	1.0	Satisfactory
20	19.7	-1.5	Satisfactory
100	103.4	3.4	Satisfactory
800	813.2	1.7	Satisfactory

Tolerance limit of turbidity should be less than  $\pm 10.0$  (%)

~ END OF REPORT ~

**Remark(s): -**

<sup>(f)</sup> "Displayed Reading" presents the figures shown on item under calibration/ checking regardless of equipment precision or significant figures.

<sup>(g)</sup> The "Tolerance Limit" mentioned is the acceptance criteria applicable for similar equipment used by Quality Pro Test-Consult Ltd. or quoted from relevant international standards.



專業化驗有限公司

QUALITY PRO TEST-CONSULT LIMITED

Unit 10, 14/F, Wah Wai Centre, 38-40 Au Pui Wan St., Fotan, Hong Kong

Email: info@qualityprotest.com; Website: www.qualityprotest.com

Tel: (852) 3956 8717; Fax: (852) 3956 3928

## REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Report No. : AH030200  
Date of Issue : 03 April 2018  
Page No. : 1 of 2

### PART A – CUSTOMER INFORMATION

Enovative Environmental Service Ltd.  
Rm 811, Hin Pui House,  
Hin Keng Estate, Tai Wai  
New Territories, Hong Kong  
Attn: Mr. Thomas WONG

### PART B – DESCRIPTION

Name of Equipment : YSI ProDSS (Multi-Parameters)  
Manufacturer : YSI (a xylem brand)  
Serial Number : 17E100747  
Date of Received : Mar 27, 2018  
Date of Calibration : Mar 27, 2018 to Mar 27, 2018  
Date of Next Calibration<sup>(a)</sup> : May 27, 2018

### PART C – REFERENCE METHODS/ DOCUMENTS FOR THE CALIBRATION

<u>Parameter</u>	<u>Reference Method</u>
pH at 25°C	APHA 21e 4500-H <sup>+</sup> B
Dissolved Oxygen	APHA 21e 4500-O G
Conductivity at 25°C	APHA 21e 2510 B
Salinity	APHA 21e 2520 B
Turbidity	APHA 21e 2130 B
Temperature	Section 6 of international Accreditation New Zealand Technical Guide no. 3 Second edition March 2008: Working Thermometer Calibration Procedure.

### PART D – CALIBRATION RESULTS<sup>(b,c)</sup>

#### (1) pH at 25°C

Target (pH unit)	Displayed Reading <sup>(d)</sup> (pH Unit)	Tolerance <sup>(e)</sup> (pH Unit)	Results
4.00	4.04	+0.04	Satisfactory
7.42	7.44	+0.02	Satisfactory
10.01	10.09	+0.08	Satisfactory

Tolerance of pH should be less than  $\pm 0.10$  (pH unit)

#### (2) Temperature

Reading of Ref. thermometer (°C)	Displayed Reading (°C)	Tolerance (°C)	Results
16.5	16.3	-0.2	Satisfactory
26.5	26.3	-0.2	Satisfactory
34.0	33.8	-0.2	Satisfactory

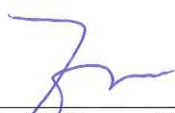
Tolerance limit of temperature should be less than  $\pm 2.0$  (°C)

~ CONTINUED ON NEXT PAGE ~

#### Remark(s): -

- <sup>(a)</sup> The "Date of Next Calibration" is recommended according to best practice principals as practiced by QPT or quoted from relevant international standards.  
<sup>(b)</sup> The results relate only to the calibrated equipment as received  
<sup>(c)</sup> The performance of the equipment stated in this report is checked with independent reference material and results compared against a calibrated secondary source.  
<sup>(d)</sup> "Displayed Reading" denotes the figure shown on item under calibration/ checking regardless of equipment precision or significant figures.  
<sup>(e)</sup> The "Tolerance Limit" mentioned is the acceptance criteria applicable for similar equipment used by QPT or quoted from relevant international standards.

APPROVED SIGNATORY:

  
LAM Ho-ye, Emma  
Assistant Laboratory Manager





## REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Report No. : AH030200  
Date of Issue : 03 April 2018  
Page No. : 2 of 2

### PART D – CALIBRATION RESULTS (Cont'd)

#### (3) Dissolved Oxygen

Expected Reading (mg/L)	Displayed Reading (mg/L)	Tolerance (mg/L)	Results
0.00	0.16	+0.16	Satisfactory
4.39	4.31	-0.08	Satisfactory
5.84	5.76	-0.08	Satisfactory
7.31	7.25	-0.06	Satisfactory

Tolerance limit of dissolved oxygen should be less than  $\pm 0.20$  (mg/L)

#### (4) Conductivity at 25°C

Conc. of KCl (M)	Expected Reading ( $\mu\text{S/cm}$ )	Displayed Reading ( $\mu\text{S/cm}$ )	Tolerance (%)	Results
0.001	146.9	151.8	+3.3	Satisfactory
0.01	1412	1398	-1.0	Satisfactory
0.1	12890	12690	-1.6	Satisfactory
0.5	58670	58110	-1.0	Satisfactory
1.0	111900	107658	-3.8	Satisfactory

Tolerance limit of conductivity should be less than  $\pm 10.0$  (%)

#### (5) Salinity

Expected Reading (g/L)	Displayed Reading (g/L)	Tolerance (%)	Results
10	10.13	+1.3	Satisfactory
20	20.11	+0.5	Satisfactory
30	30.12	+0.4	Satisfactory

Tolerance limit of salinity should be less than  $\pm 10.0$  (%)

#### (6) Turbidity

Expected Reading (NTU)	Displayed Reading <sup>(f)</sup> (NTU)	Tolerance <sup>(g)</sup> (%)	Results
0	0.1	--	--
10	9.8	-2.0	Satisfactory
20	19.7	-1.5	Satisfactory
100	95.7	-4.3	Satisfactory
800	787	-1.6	Satisfactory

Tolerance limit of turbidity should be less than  $\pm 10.0$  (%)

~ END OF REPORT ~

Remark(s): -

<sup>(f)</sup> "Displayed Reading" presents the figures shown on item under calibration/ checking regardless of equipment precision or significant figures.

<sup>(g)</sup> The "Tolerance Limit" mentioned is the acceptance criteria applicable for similar equipment used by Quality Pro Test-Consult Ltd. or quoted from relevant international standards.



專業化驗有限公司

QUALITY PRO TEST-CONSULT LIMITED

Unit 10, 14/F, Wah Wai Centre, 38-40 Au Pui Wan St., Fotan, Hong Kong

Email: info@qualityprotest.com; Website: www.qualityprotest.com

Tel: (852) 3956 8717; Fax: (852) 3956 3928

## REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Report No. : AH040201  
Date of Issue : 04 May 2018  
Page No. : 1 of 2

### PART A – CUSTOMER INFORMATION

Enovative Environmental Service Ltd.  
Flat 2207, Yu Fun House,  
Yu Chui Court, Shatin,  
New Territories, Hong Kong  
Attn: Mr. Thomas WONG

### PART B – DESCRIPTION

Name of Equipment : YSI ProDSS (Multi-Parameters)  
Manufacturer : YSI (a xylem brand)  
Serial Number : 17H105557  
Date of Received : Apr 30, 2018  
Date of Calibration : Apr 30, 2018 to Apr 30, 2018  
Date of Next Calibration<sup>(a)</sup> : Jul 30, 2018

### PART C – REFERENCE METHODS/ DOCUMENTS FOR THE CALIBRATION

<u>Parameter</u>	<u>Reference Method</u>
pH at 25°C	APHA 21e 4500-H <sup>+</sup> B
Dissolved Oxygen	APHA 21e 4500-O G
Conductivity at 25°C	APHA 21e 2510 B
Salinity	APHA 21e 2520 B
Turbidity	APHA 21e 2130 B
Temperature	Section 6 of international Accreditation New Zealand Technical Guide no. 3 Second edition March 2008: Working Thermometer Calibration Procedure.

### PART D – CALIBRATION RESULTS<sup>(b,c)</sup>

#### (1) pH at 25°C

Target (pH unit)	Displayed Reading <sup>(d)</sup> (pH Unit)	Tolerance <sup>(e)</sup> (pH Unit)	Results
4.00	4.04	0.04	Satisfactory
7.42	7.45	0.03	Satisfactory
10.01	10.07	0.06	Satisfactory

Tolerance of pH should be less than  $\pm 0.10$  (pH unit)

#### (2) Temperature

Reading of Ref. thermometer (°C)	Displayed Reading (°C)	Tolerance (°C)	Results
13.0	13.2	0.2	Satisfactory
25.0	25.2	0.2	Satisfactory
38.0	38.1	0.1	Satisfactory

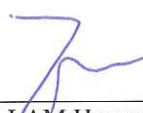
Tolerance limit of temperature should be less than  $\pm 2.0$  (°C)

~ CONTINUED ON NEXT PAGE ~

#### Remark(s): -

- <sup>(a)</sup> The "Date of Next Calibration" is recommended according to best practice principals as practiced by QPT or quoted from relevant international standards.  
<sup>(b)</sup> The results relate only to the calibrated equipment as received  
<sup>(c)</sup> The performance of the equipment stated in this report is checked with independent reference material and results compared against a calibrated secondary source.  
<sup>(d)</sup> "Displayed Reading" denotes the figure shown on item under calibration/ checking regardless of equipment precision or significant figures.  
<sup>(e)</sup> The "Tolerance Limit" mentioned is the acceptance criteria applicable for similar equipment used by QPT or quoted from relevant international standards.

APPROVED SIGNATORY:

  
LAM Ho-ye, Emma  
Assistant Laboratory Manager



專業化驗有限公司

QUALITY PRO TEST-CONSULT LIMITED

Unit 10, 14/F, Wah Wai Centre, 38-40 Au Pui Wan St., Fotan, Hong Kong

Email: info@qualityprotest.com; Website: www.qualityprotest.com

Tel: (852) 3956 8717; Fax: (852) 3956 3928

## REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Report No. : AH040201  
Date of Issue : 04 May 2018  
Page No. : 2 of 2

### PART D – CALIBRATION RESULTS (Cont'd)

#### (3) Dissolved Oxygen

Expected Reading (mg/L)	Displayed Reading (mg/L)	Tolerance (mg/L)	Results
0.00	0.14	0.14	Satisfactory
2.56	2.64	0.08	Satisfactory
4.72	4.66	-0.06	Satisfactory
6.76	6.67	-0.09	Satisfactory

Tolerance limit of dissolved oxygen should be less than  $\pm 0.20$  (mg/L)

#### (4) Conductivity at 25°C

Conc. of KCl (M)	Expected Reading ( $\mu\text{S}/\text{cm}$ )	Displayed Reading ( $\mu\text{S}/\text{cm}$ )	Tolerance (%)	Results
0.001	146.9	150.1	2.2	Satisfactory
0.01	1412	1439	1.9	Satisfactory
0.1	12890	12876	-0.1	Satisfactory
0.5	58670	57766	-1.5	Satisfactory
1.0	111900	108629	-2.9	Satisfactory

Tolerance limit of conductivity should be less than  $\pm 10.0$  (%)

#### (5) Salinity

Expected Reading (g/L)	Displayed Reading (g/L)	Tolerance (%)	Results
10	9.9	-1.0	Satisfactory
20	20.34	1.7	Satisfactory
30	30.54	1.8	Satisfactory

Tolerance limit of salinity should be less than  $\pm 10.0$  (%)

#### (6) Turbidity

Expected Reading (NTU)	Displayed Reading <sup>(f)</sup> (NTU)	Tolerance <sup>(g)</sup> (%)	Results
0	0.1	--	--
10	10.2	2.0	Satisfactory
20	19.6	-2.0	Satisfactory
100	103	3.0	Satisfactory
800	808.3	1.0	Satisfactory

Tolerance limit of turbidity should be less than  $\pm 10.0$  (%)

~ END OF REPORT ~

#### Remark(s): -

<sup>(f)</sup> "Displayed Reading" presents the figures shown on item under calibration/ checking regardless of equipment precision or significant figures.

<sup>(g)</sup> The "Tolerance Limit" mentioned is the acceptance criteria applicable for similar equipment used by Quality Pro Test-Consult Ltd. or quoted from relevant international standards.



# REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Report No. : AH030026  
 Date of Issue : 09 March 2018  
 Page No. : 1 of 2

## PART A – CUSTOMER INFORMATION

Enovative Environmental Service Ltd.  
 Rm 811, Hin Pui House,  
 Hin Keng Estate, Tai Wai  
 New Territories, Hong Kong  
 Attn: Mr. Thomas WONG

## PART B – DESCRIPTION

Name of Equipment : YSI 6920 v2 (Multi-Parameters)  
 Manufacturer : YSI (a xylem brand)  
 Serial Number : 0001C6A7  
 Date of Received : Mar 02, 2018  
 Date of Calibration : Mar 02, 2018 to Mar 02, 2018  
 Date of Next Calibration<sup>(a)</sup> : Jun 02, 2018

## PART C – REFERENCE METHODS/ DOCUMENTS FOR THE CALIBRATION

Parameter	Reference Method
pH at 25°C	APHA 21e 4500-H <sup>+</sup> B
Dissolved Oxygen	APHA 21e 4500-O G
Conductivity at 25°C	APHA 21e 2510 B
Salinity	APHA 21e 2520 B
Turbidity	APHA 21e 2130 B
Temperature	Section 6 of international Accreditation New Zealand Technical Guide no. 3 Second edition March 2008: Working Thermometer Calibration Procedure.

## PART D – CALIBRATION RESULTS<sup>(b,c)</sup>

### (1) pH at 25°C

Target (pH unit)	Displayed Reading <sup>(d)</sup> (pH Unit)	Tolerance <sup>(e)</sup> (pH Unit)	Results
4.00	3.95	-0.05	Satisfactory
7.42	7.39	-0.03	Satisfactory
10.01	10.06	+0.05	Satisfactory

Tolerance of pH should be less than ±0.10 (pH unit)

### (2) Temperature

Reading of Ref. thermometer (°C)	Displayed Reading (°C)	Tolerance (°C)	Results
18.0	17.9	-0.1	Satisfactory
22.0	21.9	-0.1	Satisfactory
36.0	35.9	-0.1	Satisfactory


Tolerance limit of temperature should be less than ±2.0 (°C)

~ CONTINUED ON NEXT PAGE ~

#### Remark(s): -

- <sup>(a)</sup> The "Date of Next Calibration" is recommended according to best practice principals as practiced by QPT or quoted from relevant international standards.
- <sup>(b)</sup> The results relate only to the calibrated equipment as received
- <sup>(c)</sup> The performance of the equipment stated in this report is checked with independent reference material and results compared against a calibrated secondary source.
- <sup>(d)</sup> "Displayed Reading" denotes the figure shown on item under calibration/ checking regardless of equipment precision or significant figures.
- <sup>(e)</sup> The "Tolerance Limit" mentioned is the acceptance criteria applicable for similar equipment used by QPT or quoted from relevant international standards.

APPROVED SIGNATORY:

  
 LAM Ho-yee, Emma  
 Assistant Laboratory Manager



專業化驗有限公司

QUALITY PRO TEST-CONSULT LIMITED

Unit 10, 14/F, Wah Wai Centre, 38-40 Au Pui Wan St., Fotan, Hong Kong

Email: info@qualityprotest.com; Website: www.qualityprotest.com

Tel: (852) 3956 8717; Fax: (852) 3956 3928

## REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Report No. : AH030026  
Date of Issue : 09 March 2018  
Page No. : 2 of 2

### PART D – CALIBRATION RESULTS (Cont'd)

#### (3) Dissolved Oxygen

Expected Reading (mg/L)	Displayed Reading (mg/L)	Tolerance (mg/L)	Results
0.00	0.13	+0.13	Satisfactory
2.44	2.40	-0.04	Satisfactory
5.84	5.77	-0.07	Satisfactory
7.06	6.99	-0.07	Satisfactory
8.53	8.50	-0.03	Satisfactory

Tolerance limit of dissolved oxygen should be less than  $\pm 0.20$  (mg/L)

#### (4) Conductivity at 25°C

Conc. of KCl (M)	Expected Reading ( $\mu\text{S/cm}$ )	Displayed Reading ( $\mu\text{S/cm}$ )	Tolerance (%)	Results
0.001	146.9	143.2	-2.5	Satisfactory
0.01	1412	1429	+1.2	Satisfactory
0.1	12890	12730	-1.2	Satisfactory
0.5	58670	58276	-0.7	Satisfactory
1.0	111900	109414	-2.2	Satisfactory

Tolerance limit of conductivity should be less than  $\pm 10.0$  (%)

#### (5) Salinity

Expected Reading (g/L)	Displayed Reading (g/L)	Tolerance (%)	Results
10	9.97	-0.3	Satisfactory
20	19.89	-0.5	Satisfactory
30	29.84	-0.5	Satisfactory

Tolerance limit of salinity should be less than  $\pm 10.0$  (%)

#### (6) Turbidity

Expected Reading (NTU)	Displayed Reading <sup>(f)</sup> (NTU)	Tolerance <sup>(g)</sup> (%)	Results
0	0.1	--	--
10	9.5	-0.5	Satisfactory
20	19.4	-3.0	Satisfactory
100	94.7	-5.3	Satisfactory
800	779	-2.6	Satisfactory

Tolerance limit of turbidity should be less than  $\pm 10.0$  (%)

~ END OF REPORT ~

#### Remark(s): -

<sup>(f)</sup> "Displayed Reading" presents the figures shown on item under calibration/ checking regardless of equipment precision or significant figures.

<sup>(g)</sup> The "Tolerance Limit" mentioned is the acceptance criteria applicable for similar equipment used by Quality Pro Test-Consult Ltd. or quoted from relevant international standards.



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## REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Report No. : AH030025  
Date of Issue : 09 March 2018  
Page No. : 1 of 2

### PART A – CUSTOMER INFORMATION

Enovative Environmental Service Ltd.  
Rm 811, Hin Pui House,  
Hin Keng Estate, Tai Wai  
New Territories, Hong Kong  
Attn: Mr. Thomas WONG

### PART B – DESCRIPTION

Name of Equipment : YSI 6920 (Multi-Parameters)  
Manufacturer : YSI (a xylem brand)  
Serial Number : 000109DF  
Date of Received : Mar 02, 2018  
Date of Calibration : Mar 02, 2018 to Mar 02, 2018  
Date of Next Calibration<sup>(a)</sup> : Jun 02, 2018

### PART C – REFERENCE METHODS/ DOCUMENTS FOR THE CALIBRATION

Parameter	Reference Method
pH at 25°C	APHA 21e 4500-H <sup>+</sup> B
Dissolved Oxygen	APHA 21e 4500-O G
Conductivity at 25°C	APHA 21e 2510 B
Salinity	APHA 21e 2520 B
Turbidity	APHA 21e 2130 B
Temperature	Section 6 of international Accreditation New Zealand Technical Guide no. 3 Second edition March 2008: Working Thermometer Calibration Procedure.

### PART D – CALIBRATION RESULTS<sup>(b,c)</sup>

#### (1) pH at 25°C

Target (pH unit)	Displayed Reading <sup>(d)</sup> (pH Unit)	Tolerance <sup>(e)</sup> (pH Unit)	Results
4.00	3.97	-0.03	Satisfactory
7.42	7.46	+0.04	Satisfactory
10.01	10.08	+0.07	Satisfactory

Tolerance of pH should be less than  $\pm 0.10$  (pH unit)

#### (2) Temperature

Reading of Ref. thermometer (°C)	Displayed Reading (°C)	Tolerance (°C)	Results
18.0	17.9	-0.1	Satisfactory
22.0	21.9	-0.1	Satisfactory
36.0	35.9	-0.1	Satisfactory


Tolerance limit of temperature should be less than  $\pm 2.0$  (°C)

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#### Remark(s): -

- <sup>(a)</sup> The "Date of Next Calibration" is recommended according to best practice principals as practiced by QPT or quoted from relevant international standards.  
<sup>(b)</sup> The results relate only to the calibrated equipment as received  
<sup>(c)</sup> The performance of the equipment stated in this report is checked with independent reference material and results compared against a calibrated secondary source.  
<sup>(d)</sup> "Displayed Reading" denotes the figure shown on item under calibration/ checking regardless of equipment precision or significant figures.  
<sup>(e)</sup> The "Tolerance Limit" mentioned is the acceptance criteria applicable for similar equipment used by QPT or quoted from relevant international standards.

APPROVED SIGNATORY :

  
LAM Ho-yee, Emma  
Assistant Laboratory Manager



## REPORT OF EQUIPMENT PERFORMANCE CHECK/ CALIBRATION

Report No. : AH030025  
Date of Issue : 09 March 2018  
Page No. : 2 of 2

### PART D – CALIBRATION RESULTS (Cont'd)

#### (3) Dissolved Oxygen

Expected Reading (mg/L)	Displayed Reading (mg/L)	Tolerance (mg/L)	Results
0.00	0.16	+0.16	Satisfactory
2.44	2.38	-0.06	Satisfactory
5.84	5.77	-0.07	Satisfactory
7.06	6.98	-0.08	Satisfactory
8.53	8.48	-0.05	Satisfactory

Tolerance limit of dissolved oxygen should be less than  $\pm 0.20$  (mg/L)

#### (4) Conductivity at 25°C

Conc. of KCl (M)	Expected Reading ( $\mu\text{S}/\text{cm}$ )	Displayed Reading ( $\mu\text{S}/\text{cm}$ )	Tolerance (%)	Results
0.001	146.9	144	-2.0	Satisfactory
0.01	1412	1422	+0.7	Satisfactory
0.1	12890	12716	-1.3	Satisfactory
0.5	58670	57921	-1.3	Satisfactory
1.0	111900	109891	-1.8	Satisfactory

Tolerance limit of conductivity should be less than  $\pm 10.0$  (%)

#### (5) Salinity

Expected Reading (g/L)	Displayed Reading (g/L)	Tolerance (%)	Results
10	9.92	-0.8	Satisfactory
20	19.90	-0.5	Satisfactory
30	29.78	-0.7	Satisfactory

Tolerance limit of salinity should be less than  $\pm 10.0$  (%)

#### (6) Turbidity

Expected Reading (NTU)	Displayed Reading <sup>(f)</sup> (NTU)	Tolerance <sup>(g)</sup> (%)	Results
0	0.1	--	--
10	9.7	-3.0	Satisfactory
20	19.6	-2.0	Satisfactory
100	96.4	-3.6	Satisfactory
800	782	-2.2	Satisfactory

Tolerance limit of turbidity should be less than  $\pm 10.0$  (%)

~ END OF REPORT ~

#### Remark(s): -

<sup>(f)</sup> "Displayed Reading" presents the figures shown on item under calibration/ checking regardless of equipment precision or significant figures.

<sup>(g)</sup> The "Tolerance Limit" mentioned is the acceptance criteria applicable for similar equipment used by Quality Pro Test-Consult Ltd. or quoted from relevant international standards.

Annex C2

## Baseline Water Quality Monitoring Schedule



**Tung Chung New Town Extension (East)**  
**Baseline Water Quality Monitoring Schedule (April 2018)**

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1/Apr	2/Apr	3/Apr	4/Apr	5/Apr	6/Apr	7/Apr
8/Apr	9/Apr	10/Apr	11/Apr	12/Apr	13/Apr	14/Apr
15/Apr	16/Apr	17/Apr	18/Apr	19/Apr	20/Apr	21/Apr
22/Apr	23/Apr	24/Apr	25/Apr	26/Apr	27/Apr	28/Apr
			ebb tide 8:25 - 11:55 flood tide 13:38 - 17:08		ebb tide 9:53 - 13:23 flood tide 15:41 - 19:11	
29/Apr	30/Apr					
	ebb tide 11:32 - 15:02 flood tide 5:10 - 8:40					

**Baseline Water Quality Monitoring Schedule (May 2018)**

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1/May	2/May	3/May	4/May	5/May
			ebb tide 12:40 - 16:10 flood tide 6:05 - 9:35		ebb tide 13:52 - 17:22 flood tide 7:02 - 10:32	
6/May	7/May	8/May	9/May	10/May	11/May	12/May
	ebb tide 16:09 - 19:39 flood tide 3:40 - 7:10		ebb tide 7:33 - 11:01 flood tide 11:55 - 15:25		ebb tide 9:01 - 12:31 flood tide 14:22 - 17:52	
13/May	14/May	15/May	16/May	17/May	18/May	19/May
ebb tide 10:02 - 13:32 flood tide 16:06 - 19:36			ebb tide 11:49 - 15:19 flood tide 5:10 - 8:40		ebb tide 13:16 - 16:46 flood tide 6:22 - 9:52	
20/May	21/May	22/May	23/May	24/May	25/May	26/May
	ebb tide 15:59 - 19:29 flood tide 8:45 - 12:15					
27/May	28/May	29/May	30/May	31/May		

Annex C3

## Water Quality Monitoring Results

Water Quality Monitoring for Tung Chung New Town Extension (East)

Station	TCE-C1
Tide	Mid-Ebb

Date	Weather Condition	Sea Condition	Sampling Time	Equipment	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged			
																DO (mg/L)	Turbidity (NTU)	SS (mg/L)	
25/4/2018	Rainy	Moderate	11:45	YSI 6920 (S/N: 000109DF;0001C6A7)	8.4	Surface	1.0	1	23.9	8.1	29.8	7.6	106.7	8.2	4.3	7.5	11.2	7.0	
								2	23.9	8.1	29.8	7.6	106.5	8.3	2.9				
							Middle	4.2	1	23.8	8.1	31.8	7.4	105.5	10.7				5.7
									2	23.8	8.1	31.8	7.4	105.2	10.8				6.6
							Bottom	7.4	1	23.6	8.1	32.9	7.3	104.1	14.6				11.4
									2	23.6	8.1	32.9	7.3	103.8	14.7				10.8
27/4/2018	Cloudy	Moderate	12:29	YSI ProDSS (S/N: 16H104233;17E100747)	7.5	Surface	1.0	1	24.2	8.1	27.9	7.5	105.2	4.1	1.2	7.4	7.6	1.3	
								2	24.2	8.1	27.9	7.4	105.3	4.1	1.8				
							Middle	3.8	1	23.7	8.1	29.0	7.3	102.3	5.0				1.8
									2	23.7	8.1	29.0	7.3	102.6	5.0				1.4
							Bottom	6.5	1	23.6	8.1	29.4	7.0	97.6	13.7				0.8
									2	23.6	8.1	29.4	7.0	97.9	13.8				0.8
30/4/2018	Fine	Moderate	11:33	YSI ProDSS (S/N: 16H104233;17E100747)	8.2	Surface	1.0	1	25.3	8.1	27.5	7.7	108.7	3.1	6.4	7.6	4.4	7.7	
								2	25.3	8.1	27.5	7.6	108.5	3.1	7.6				
							Middle	4.1	1	24.7	8.2	29.4	7.5	106.6	5.5				6.9
									2	24.7	8.2	29.4	7.5	107.0	5.5				6.2
							Bottom	7.2	1	24.6	8.2	29.8	7.4	105.0	4.6				9.7
									2	24.6	8.2	29.8	7.3	104.8	4.6				9.1
2/5/2018	Sunny	Moderate	12:41	YSI ProDSS (S/N: 16H104233;17H105557)	7.5	Surface	1.0	1	26.6	8.2	26.0	8.0	114.9	6.3	4.0	7.9	8.0	4.4	
								2	26.6	8.2	26.0	8.1	115.4	6.2	4.6				
							Middle	3.8	1	25.2	8.2	29.4	7.7	109.9	8.3				4.9
									2	25.2	8.2	29.4	7.7	110.4	8.3				3.3
							Bottom	6.5	1	25.2	8.2	29.8	7.4	106.4	9.4				4.5
									2	25.2	8.2	29.8	7.4	106.1	9.4				5.3
4/5/2018	Cloudy	Moderate	13:53	YSI ProDSS (S/N: 16H104233;17H105557)	8.6	Surface	1.0	1	25.7	8.2	30.1	7.5	108.6	4.9	4.1	7.2	5.6	5.8	
								2	25.7	8.2	30.1	7.6	108.9	4.9	4.4				
							Middle	4.3	1	25.4	8.2	30.6	6.8	98.3	6.1				6.2
									2	25.4	8.2	30.6	6.8	97.9	6.1				7.2
							Bottom	7.6	1	25.3	8.2	30.7	6.7	96.8	5.7				6.0
									2	25.3	8.2	30.7	6.8	97.1	5.7				6.7
7/5/2018	Fine	Rough	16:10	YSI ProDSS (S/N: 16H104233;17H105557)	8.5	Surface	1.0	1	27.4	8.0	25.3	9.2	133.2	4.8	3.4	9.2	5.0	4.3	
								2	27.4	8.0	25.3	9.3	133.4	4.8	4.3				
							Middle	4.3	1	27.4	8.0	25.4	9.0	131.4	6.0				4.6
									2	27.4	8.0	25.4	9.1	131.3	5.9				3.3
							Bottom	7.5	1	27.3	8.0	25.7	8.8	128.2	4.1				4.4
									2	27.3	8.0	25.7	8.8	128.3	4.1				5.6
9/5/2018	Rainy	Moderate	11:30	YSI ProDSS (S/N: 16H104233;16H104234)	8.4	Surface	1.0	1	26.3	7.9	26.4	7.2	103.4	6.0	8.2	6.9	7.1	9.2	
								2	26.3	7.9	26.4	7.3	103.9	6.0	7.3				
							Middle	4.2	1	25.5	7.9	31.3	6.5	94.6	7.3				8.0
									2	25.5	7.9	31.3	6.5	94.6	7.3				7.3
							Bottom	7.4	1	25.4	7.9	31.9	6.3	92.6	7.9				12.5
									2	25.4	7.9	31.9	6.4	92.9	7.9				11.6
11/5/2018	Sunny	Moderate	12:06	YSI ProDSS (S/N: 16H104233;17H105557)	7.8	Surface	1.0	1	25.8	7.9	28.1	7.2	104.1	3.5	6.4	7.1	4.0	6.3	
								2	25.8	7.9	28.1	7.2	104.4	3.5	6.2				
							Middle	3.9	1	25.2	7.9	30.0	6.9	99.5	3.3				5.2
									2	25.2	7.9	30.0	6.9	99.1	3.3				5.3
							Bottom	6.8	1	25.2	7.9	30.4	6.7	96.0	5.3				7.2
									2	25.2	7.9	30.4	6.7	96.2	5.3				7.7
13/5/2018	Sunny	Moderate	13:10	YSI 6920 (S/N: 000109DF;0001C6A7)	7.9	Surface	1.0	1	27.9	8.3	18.8	8.0	113.0	10.8	8.5	7.6	16.0	9.3	
								2	27.9	8.3	18.8	8.0	112.9	10.9	8.8				
							Middle	4.0	1	25.8	8.2	27.7	7.1	101.4	13.4				9.7
									2	25.8	8.2	27.7	7.2	101.4	13.5				10.2
							Bottom	6.9	1	25.1	8.2	32.0	6.8	98.8	23.7				9.3
									2	25.1	8.2	32.0	6.9	99.2	23.7				9.4
16/5/2018	Sunny	Moderate	11:50	YSI 6920 (S/N: 00019CB2;000109DF)	7.6	Surface	1.0	1	26.8	8.3	24.4	7.4	105.9	10.6	9.4	7.1	14.0	8.9	
								2	26.8	8.3	24.4	7.5	105.5	10.5	9.2				
							Middle	3.8	1	25.8	8.3	29.6	6.7	96.9	15.4				8.8
									2	25.8	8.3	29.6	6.7	97.4	15.5				8.2
							Bottom	6.6	1	25.5	8.3	30.7	6.7	96.9	16.0				8.8
									2	25.5	8.3	30.7	6.6	96.9	16.0				9.0
18/5/2018	Sunny	Moderate	13:20	YSI 6920 (S/N: 000109DF;0001C6A7)	7.7	Surface	1.0	1	27.1	8.2	25.2	6.6	95.3	10.8	6.5	6.5	12.6	7.1	
								2	27.1	8.2	25.2	6.8	95.4	10.8	5.9				
							Middle	3.9	1	26.4	8.1	28.6	6.2	90.7	13.0				7.4
									2	26.4	8.1	28.6	6.2	90.4	13.1				7.2
							Bottom	6.7	1	26.2	8.1	29.0	6.1	88.3	14.1				7.2
									2	26.2	8.1	29.0	6.1	88.2	14.0				8.1
21/5/2018	Sunny	Moderate	16:00	YSI ProDSS (S/N: 16H104233;17H105557)	7.8	Surface	1.0	1	29.6	8.0	22.6	8.3	121.8	3.9	6.0	6.7	7.9	5.9	
								2	29.6	8.0	22.6	8.4	121.9	3.9	6.0				
							Middle	3.9	1	26.9	7.8	28.6	5.1	73.9	8.2				5.4
									2	26.9	7.8	28.6	5.1	73.9	8.2				5.9
							Bottom	6.8	1	26.6	7.8	29.9	5.0	72.4	11.6				7.0
									2	26.6	7.8	29.9	4.9	72.1	11.5				5.0

Remarks for Sea Condition: Calm: < 1.25 m wave height; Moderate: 1.25 - 2.50m wave height; Rough: > 2.50m wave height

Water Quality Monitoring for Tung Chung New Town Extension (East)

Station	TCE-C1
Tide	Mid-Flood

Date	Weather Condition	Sea Condition	Sampling Time	Equipment	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged			
																DO (mg/L)	Turbidity (NTU)	SS (mg/L)	
25/4/2018	Rainy	Moderate	13:39	YSI 6920 (S/N: 000109DF;0001C6A7)	8.6	Surface	1.0	1	24.1	8.1	29.6	7.6	106.8	10.7	3.8	7.5	11.0	6.7	
								2	24.1	8.1	29.6	7.5	106.4	10.6	3.1				
							Middle	4.3	1	23.6	8.1	32.4	7.4	104.7	9.1				8.4
									2	23.6	8.1	32.4	7.4	104.7	9.1				8.9
							Bottom	7.6	1	23.6	8.1	32.9	7.3	103.2	13.3				8.6
									2	23.6	8.1	32.9	7.2	102.8	13.2				7.6
27/4/2018	Cloudy	Calm	15:48	YSI ProDSS (S/N: 16H104233;17E100747)	7.4	Surface	1.0	1	25.1	8.1	27.8	7.6	107.1	6.4	4.5	7.6	7.8	4.4	
								2	25.1	8.1	27.8	7.6	107.5	6.4	3.4				
							Middle	3.7	1	23.9	8.1	29.1	7.5	105.2	7.9				3.3
									2	23.9	8.1	29.1	7.5	105.6	7.9				4.9
							Bottom	6.4	1	23.8	8.1	29.1	7.4	104.0	9.0				4.9
									2	23.8	8.1	29.1	7.4	103.5	9.0				5.2
30/4/2018	Fine	Calm	07:12	YSI ProDSS (S/N: 16H104233;17E100747)	8.4	Surface	1.0	1	24.5	8.2	30.3	7.4	105.1	13.9	11.9	7.4	17.3	25.5	
								2	24.5	8.2	30.3	7.4	105.4	13.8	12.7				
							Middle	4.2	1	24.5	8.2	30.4	7.3	104.4	16.4				29.5
									2	24.5	8.2	30.4	7.3	104.2	16.2				29.8
							Bottom	7.4	1	24.5	8.2	30.5	7.2	102.8	21.9				34.3
									2	24.5	8.2	30.5	7.2	102.8	21.7				34.9
2/5/2018	Sunny	Moderate	09:05	YSI ProDSS (S/N: 16H104233;17H105557)	7.4	Surface	1.0	1	25.5	8.1	27.7	7.5	107.6	2.8	3.7	7.5	6.7	4.7	
								2	25.5	8.1	27.7	7.6	108.0	2.8	3.8				
							Middle	3.7	1	25.2	8.1	28.9	7.4	106.3	7.2				4.5
									2	25.2	8.1	28.9	7.4	106.2	7.3				5.7
							Bottom	6.4	1	25.2	8.1	29.1	7.4	105.9	10.2				4.9
									2	25.2	8.1	29.1	7.4	106.3	10.1				5.7
4/5/2018	Cloudy	Moderate	09:49	YSI ProDSS (S/N: 16H104233;17H105557)	8.3	Surface	1.0	1	25.1	8.2	29.7	7.1	101.8	5.8	3.3	7.1	9.0	3.9	
								2	25.1	8.2	29.7	7.1	102.0	5.8	3.9				
							Middle	4.2	1	25.0	8.2	30.3	7.0	100.4	9.1				2.3
									2	25.0	8.2	30.3	7.0	100.7	9.2				3.0
							Bottom	7.3	1	25.0	8.2	30.3	7.0	100.2	12.0				4.8
									2	25.0	8.2	30.3	7.0	100.2	12.0				5.9
7/5/2018	Cloudy	Moderate	06:50	YSI ProDSS (S/N: 16H104233;17H105557)	8.3	Surface	1.0	1	26.3	7.9	25.1	6.6	94.3	3.0	4.5	6.5	6.6	5.8	
								2	26.3	7.9	25.1	6.6	93.9	3.0	4.3				
							Middle	4.2	1	25.8	7.9	29.2	6.3	91.7	6.4				6.5
									2	25.8	7.9	29.2	6.3	91.4	6.4				5.9
							Bottom	7.3	1	25.8	7.9	29.5	6.2	90.3	10.5				6.3
									2	25.8	7.9	29.5	6.2	90.5	10.5				7.1
9/5/2018	Cloudy	Rough	11:55	YSI ProDSS (S/N: 16H104233;16H104234)	8.2	Surface	1.0	1	26.2	7.9	25.8	7.2	102.9	6.2	5.6	6.8	7.4	7.8	
								2	26.2	7.9	25.8	7.2	102.6	6.2	6.7				
							Middle	4.1	1	25.5	7.9	31.2	6.4	93.2	7.3				7.7
									2	25.5	7.9	31.2	6.4	93.4	7.3				8.8
							Bottom	7.2	1	25.4	7.9	31.9	6.2	90.9	8.7				9.3
									2	25.4	7.9	31.9	6.2	91.2	8.7				8.9
11/5/2018	Sunny	Moderate	14:23	YSI ProDSS (S/N: 16H104233;17H105557)	7.7	Surface	1.0	1	25.8	7.9	28.5	7.0	101.0	1.6	5.2	6.9	2.3	5.7	
								2	25.8	7.9	28.5	7.0	101.3	1.6	4.3				
							Middle	3.9	1	25.5	7.9	29.0	6.9	98.8	1.5				6.3
									2	25.5	7.9	29.0	6.8	98.4	1.5				5.2
							Bottom	6.7	1	25.1	7.9	30.2	6.4	91.7	3.9				6.0
									2	25.1	7.9	30.2	6.4	91.6	3.9				7.4
13/5/2018	Sunny	Moderate	16:07	YSI 6920 (S/N: 000109DF;0001C6A7)	7.7	Surface	1.0	1	28.5	8.2	15.5	8.7	121.7	11.0	7.4	8.6	12.0	9.3	
								2	28.5	8.2	15.5	8.7	122.3	10.9	7.1				
							Middle	3.9	1	27.7	8.3	18.9	8.5	120.3	12.1				7.1
									2	27.7	8.3	18.9	8.5	120.6	12.1				8.9
							Bottom	6.7	1	26.7	8.2	23.9	8.0	113.3	12.9				11.9
									2	26.7	8.2	23.9	8.0	113.6	12.9				13.2
16/5/2018	Cloudy	Calm	08:23	YSI 6920 (S/N: 00019CB2;000109DF)	7.9	Surface	1.0	1	26.8	8.2	21.6	6.8	96.5	13.0	5.2	6.7	16.7	5.9	
								2	26.8	8.2	21.6	6.8	96.1	13.1	6.5				
							Middle	4.0	1	25.8	8.2	29.9	6.5	93.8	17.2				6.1
									2	25.8	8.2	29.9	6.5	93.8	17.4				5.9
							Bottom	6.9	1	25.6	8.2	31.1	6.4	93.9	19.8				5.6
									2	25.6	8.2	31.1	6.4	93.7	19.7				6.3
18/5/2018	Fine	Moderate	09:17	YSI 6920 (S/N: 000109DF;0001C6A7)	7.6	Surface	1.0	1	27.1	8.1	20.5	6.6	93.7	15.7	5.2	6.4	17.8	5.4	
								2	27.1	8.1	20.5	6.7	93.8	15.7	5.0				
							Middle	3.8	1	26.6	8.1	27.2	6.2	89.8	17.1				5.0
									2	26.6	8.1	27.2	6.2	90.0	17.2				5.8
							Bottom	6.6	1	26.4	8.1	27.9	6.1	89.3	20.6				6.2
									2	26.4	8.1	27.9	6.1	89.1	20.5				5.4
21/5/2018	Fine	Moderate	12:01	YSI ProDSS (S/N: 16H104233;17H105557)	7.8	Surface	1.0	1	27.8	8.0	23.5	6.2	90.5	4.9	4.5	5.6	6.1	5.4	
								2	27.8	8.0	23.5	6.2	90.4	4.9	5.4				
							Middle	3.9	1	26.5	7.9	28.4	4.9	71.3	3.5				4.7
									2	26.5	7.9	28.4	4.9	71.2	3.5				5.3
							Bottom	6.8	1	26.3	7.9	29.1	5.0	72.3	10.0				6.8
									2	26.3	7.9	29.1	4.9	72.1	9.9				5.9

Remarks for Sea Condition: Calm: < 1.25 m wave height; Moderate: 1.25 - 2.50m wave height; Rough: > 2.50m wave height

Water Quality Monitoring for Tung Chung New Town Extension (East)

Station	TCE-C2
Tide	Mid-Ebb

Date	Weather Condition	Sea Condition	Sampling Time	Equipment	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged			
																DO (mg/L)	Turbidity (NTU)	SS (mg/L)	
25/4/2018	Cloudy	Moderate	09:27	YSI ProDSS (S/N: 16H104233;16 H104234)	15	Surface	1.0	1	24.0	8.0	29.1	6.1	85.7	2.4	3.0	6.1	4.0	5.2	
								2	24.0	8.0	29.1	6.1	85.9	2.4	2.3				
							Middle	7.5	1	23.5	8.0	31.9	6.1	85.9	4.3				5.0
									2	23.5	8.0	31.9	6.1	85.9	4.3				6.6
							Bottom	14.0	1	23.5	8.0	31.9	6.1	86.0	5.3				7.3
									2	23.5	8.0	31.9	6.1	86.3	5.3				7.2
27/4/2018	Cloudy	Moderate	10:33	YSI ProDSS (S/N: 17H105557;16 H104234)	15.7	Surface	1.0	1	23.8	8.0	29.6	6.2	86.2	2.5	1.5	6.1	3.3	3.9	
								2	23.8	8.0	29.6	6.1	86.0	2.5	1.6				
							Middle	7.9	1	23.5	8.0	31.3	6.0	85.2	3.1				4.3
									2	23.5	8.0	31.3	6.0	85.2	3.1				3.7
							Bottom	14.7	1	23.5	8.0	31.5	6.1	85.8	4.4				6.8
									2	23.5	8.0	31.5	6.1	85.4	4.4				5.2
30/4/2018	Sunny	Moderate	13:04	YSI ProDSS (S/N: 16H104234;17 H105557)	12.5	Surface	1.0	1	24.8	8.1	28.9	6.4	91.3	5.4	6.1	6.4	6.5	6.4	
								2	24.8	8.1	28.9	6.5	91.7	5.3	6.5				
							Middle	6.3	1	24.7	8.1	29.2	6.4	90.3	8.3				6.3
									2	24.7	8.1	29.2	6.4	90.2	8.3				6.7
							Bottom	11.5	1	24.7	8.1	29.2	6.4	90.4	5.7				6.2
									2	24.7	8.1	29.2	6.4	90.8	5.7				6.3
2/5/2018	Sunny	Calm	14:40	YSI ProDSS (S/N: 16H104234;17 E100747)	13.3	Surface	1.0	1	25.9	7.9	27.0	6.8	97.2	10.5	6.8	6.8	12.7	6.6	
								2	25.9	7.9	27.0	6.9	97.6	10.6	6.9				
							Middle	6.7	1	25.8	8.0	27.3	6.8	97.2	13.6				5.9
									2	25.8	8.0	27.3	6.8	97.2	13.6				6.1
							Bottom	12.3	1	26.0	8.0	27.1	6.8	98.0	14.0				7.7
									2	26.0	8.0	27.1	6.9	97.7	13.9				6.4
4/5/2018	Cloudy	Moderate	15:53	YSI ProDSS (S/N: 16H104234;17 E100747)	12.9	Surface	1.0	1	25.5	8.1	28.7	6.7	95.8	4.3	4.8	6.6	7.4	7.7	
								2	25.5	8.1	28.7	6.7	96.1	4.3	6.4				
							Middle	6.5	1	25.4	8.1	29.2	6.5	93.9	9.4				8.1
									2	25.4	8.1	29.2	6.5	94.0	9.3				7.1
							Bottom	11.9	1	24.9	8.1	31.0	6.5	93.5	8.7				10.3
									2	24.9	8.1	31.0	6.5	93.4	8.6				9.2
7/5/2018	Cloudy	Moderate	17:49	YSI ProDSS (S/N: 16H104234;17 E100747)	14	Surface	1.0	1	27.0	8.0	24.4	7.8	112.0	1.6	2.7	8.0	3.4	2.9	
								2	27.0	8.0	24.4	7.8	112.2	1.6	2.8				
							Middle	7.0	1	27.0	8.0	24.6	8.1	116.5	3.0				2.1
									2	27.0	8.0	24.6	8.1	116.7	3.0				2.9
							Bottom	13.0	1	26.5	8.0	27.0	7.0	100.8	5.5				3.3
									2	26.5	8.0	27.0	7.0	100.9	5.5				3.7
9/5/2018	Rainy	Moderate	08:12	YSI ProDSS (S/N: 17H105557;17 E100747)	11.3	Surface	1.0	1	26.0	7.7	26.0	6.8	96.7	1.1	5.7	6.4	1.7	5.9	
								2	26.0	7.7	26.0	6.8	96.8	1.1	5.5				
							Middle	5.7	1	25.1	7.7	31.3	6.0	87.3	1.9				5.6
									2	25.1	7.7	31.3	6.1	86.9	1.9				6.7
							Bottom	10.3	1	24.9	7.7	32.0	6.0	86.8	2.1				6.4
									2	24.9	7.7	32.0	6.0	86.8	2.1				5.6
11/5/2018	Cloudy	Moderate	09:58	YSI ProDSS (S/N: 16H104234;17 E100747)	13	Surface	1.0	1	24.9	8.0	31.6	6.0	87.3	2.3	5.0	6.0	2.3	6.3	
								2	24.9	8.0	31.6	6.1	87.6	2.3	6.3				
							Middle	6.5	1	24.7	8.0	31.8	5.9	85.8	1.9				7.3
									2	24.7	8.0	31.8	5.9	85.4	1.9				6.5
							Bottom	12.0	1	24.7	8.0	31.8	5.9	85.8	2.7				6.8
									2	24.7	8.0	31.8	6.0	86.0	2.7				5.7
13/5/2018	Fine	Calm	11:05	YSI ProDSS (S/N: 16H104234;17 E100747)	12.8	Surface	1.0	1	26.8	8.2	21.4	7.6	106.4	3.5	10.0	6.9	3.4	11.2	
								2	26.8	8.2	21.4	7.5	106.4	3.5	9.9				
							Middle	6.4	1	25.6	8.2	27.3	6.3	90.1	3.4				11.8
									2	25.6	8.2	27.3	6.3	90.4	3.4				11.6
							Bottom	11.8	1	25.3	8.1	29.4	6.2	88.5	3.3				12.1
									2	25.3	8.1	29.4	6.1	88.4	3.3				11.5
16/5/2018	Fine	Calm	13:40	YSI ProDSS (S/N: 16H104234;17 E100747)	15.6	Surface	1.0	1	27.6	8.0	22.2	6.8	97.5	5.5	9.7	6.6	14.4	15.0	
								2	27.6	8.0	22.2	6.9	97.9	5.5	9.9				
							Middle	7.8	1	26.6	8.0	23.6	6.4	91.5	19.6				11.7
									2	26.6	8.0	23.6	6.3	91.3	19.4				11.0
							Bottom	14.6	1	26.1	8.0	27.7	6.2	89.4	18.2				24.6
									2	26.1	8.0	27.7	6.2	89.5	18.3				23.3
18/5/2018	Fine	Moderate	15:06	YSI ProDSS (S/N: 16H104234;17 E100747)	15	Surface	1.0	1	28.4	8.0	21.5	6.3	90.6	6.1	6.3	6.2	8.8	6.7	
								2	28.4	8.0	21.5	6.4	91.0	6.1	5.5				
							Middle	7.5	1	28.0	8.0	21.9	6.0	87.0	8.3				7.5
									2	28.0	8.0	21.9	6.1	86.8	8.3				6.0
							Bottom	14.0	1	26.4	8.0	27.8	5.6	81.3	11.9				7.1
									2	26.4	8.0	27.8	5.6	81.6	11.8				7.6
21/5/2018	Sunny	Moderate	17:54	YSI ProDSS (S/N: 16H104234;17 E100747)	16.2	Surface	1.0	1	29.8	8.2	19.1	8.3	121.5	2.9	4.0	7.8	5.6	6.2	
								2	29.8	8.2	19.1	8.5	121.3	2.9	4.1				
							Middle	8.1	1	29.0	8.1	21.0	7.2	104.4	4.1				5.9
									2	29.0	8.1	21.0	7.3	104.9	4.1				7.8
							Bottom	15.2	1	26.5	8.0	28.5	5.4	79.0	9.8				7.8
									2	26.5	8.0	28.5	5.4	79.4	9.9				7.8

Remarks for Sea Condition: Calm: < 1.25 m wave height; Moderate: 1.25 - 2.50m wave height; Rough: > 2.50m wave height

Station	TCE-C2
Tide	Mid-Flood

Date	Weather Condition	Sea Condition	Sampling Time	Equipment	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged			
																DO (mg/L)	Turbidity (NTU)	SS (mg/L)	
25/4/2018	Rainy	Moderate	15:23	YSI ProDSS (S/N: 16H104233;16 H104234)	14.8	Surface	1.0	1	24.1	8.1	28.1	6.4	89.4	1.6	4.6	6.2	3.6	6.3	
								2	24.1	8.1	28.1	6.4	89.1	1.6	3.8				
							Middle	7.4	1	23.6	8.1	31.4	5.9	83.8	3.2				4.5
									2	23.6	8.1	31.4	5.9	83.6	3.2				5.0
							Bottom	13.8	1	23.6	8.0	31.6	6.0	84.1	5.9				10.5
									2	23.6	8.0	31.6	5.9	83.9	5.9				9.2
27/4/2018	Misty	Moderate	17:45	YSI ProDSS (S/N: 17H105557;16 H104234)	15	Surface	1.0	1	24.0	8.0	29.8	6.2	87.9	2.8	6.1	6.2	9.3	9.2	
								2	24.0	8.0	29.8	6.3	88.2	2.8	6.6				
							Middle	7.5	1	23.8	8.0	30.4	6.1	86.4	11.2				5.8
									2	23.8	8.0	30.4	6.1	86.4	11.3				5.4
							Bottom	14.0	1	23.8	8.0	30.5	6.1	86.4	13.9				15.3
									2	23.8	8.0	30.5	6.1	86.2	13.9				16.2
30/4/2018	Fine	Calm	05:51	YSI ProDSS (S/N: 16H104234;17 H105557)	12	Surface	1.0	1	24.7	8.2	28.4	6.3	89.0	2.8	2.7	6.3	4.4	3.9	
								2	24.7	8.2	28.4	6.3	89.3	2.8	4.2				
							Middle	6.0	1	24.6	8.2	28.6	6.3	88.7	3.6				4.1
									2	24.6	8.2	28.6	6.3	88.5	3.6				3.7
							Bottom	11.0	1	24.5	8.1	29.4	6.2	87.7	6.7				4.6
									2	24.5	8.1	29.4	6.2	88.0	6.7				4.3
2/5/2018	Fine	Moderate	06:50	YSI ProDSS (S/N: 16H104234;17 E100747)	13.1	Surface	1.0	1	25.4	7.9	26.9	6.4	90.5	3.2	3.7	6.3	3.1	5.9	
								2	25.4	7.9	26.9	6.4	90.4	3.2	5.3				
							Middle	6.6	1	25.1	7.9	28.3	6.2	88.3	3.5				5.8
									2	25.1	7.9	28.3	6.2	87.9	3.5				4.9
							Bottom	12.1	1	24.9	7.9	29.2	6.1	87.4	2.7				7.5
									2	24.9	7.9	29.2	6.1	87.7	2.7				8.3
4/5/2018	Cloudy	Moderate	07:33	YSI ProDSS (S/N: 16H104234;17 E100747)	12.9	Surface	1.0	1	25.2	8.1	28.7	6.5	92.7	2.1	4.3	6.5	3.7	4.3	
								2	25.2	8.1	28.7	6.5	93.0	2.1	4.2				
							Middle	6.5	1	25.0	8.1	30.5	6.4	92.4	4.4				4.3
									2	25.0	8.1	30.5	6.4	92.4	4.4				3.4
							Bottom	11.9	1	24.9	8.1	30.9	6.4	92.3	4.7				4.6
									2	24.9	8.1	30.9	6.4	92.5	4.7				4.7
7/5/2018	Cloudy	Moderate	04:39	YSI ProDSS (S/N: 16H104234;17 E100747)	13.1	Surface	1.0	1	26.2	8.0	26.8	6.9	99.0	1.1	4.0	6.8	2.0	5.1	
								2	26.2	8.0	26.8	6.9	98.7	1.1	4.1				
							Middle	6.6	1	25.8	8.0	28.3	6.7	97.1	2.0				4.9
									2	25.8	8.0	28.3	6.7	97.1	2.0				3.4
							Bottom	12.1	1	25.5	8.0	29.6	6.6	94.8	2.9				6.2
									2	25.5	8.0	29.6	6.6	95.2	2.9				7.7
9/5/2018	Cloudy	Moderate	13:56	YSI ProDSS (S/N: 17H105557;17 E100747)	9	Surface	1.0	1	26.0	8.0	26.0	7.3	103.6	0.9	6.2	7.0	1.8	8.0	
								2	26.0	8.0	26.0	7.3	103.7	0.9	7.4				
							Middle	4.5	1	25.5	8.0	28.0	6.6	94.6	1.6				7.9
									2	25.5	8.0	28.0	6.6	95.0	1.6				8.6
							Bottom	8.0	1	25.1	8.0	31.8	6.2	89.9	2.8				8.6
									2	25.1	8.0	31.8	6.2	90.0	2.8				9.2
11/5/2018	Cloudy	Moderate	16:31	YSI ProDSS (S/N: 16H104234;17 E100747)	15.9	Surface	1.0	1	25.3	8.0	29.8	6.8	98.6	1.4	6.9	6.5	3.8	7.3	
								2	25.3	8.0	29.8	6.8	98.4	1.4	7.1				
							Middle	8.0	1	24.9	8.0	31.2	6.1	87.7	2.5				6.3
									2	24.9	8.0	31.2	6.1	87.8	2.5				6.3
							Bottom	14.9	1	24.7	8.0	31.8	5.8	83.8	7.6				8.8
									2	24.7	8.0	31.8	5.8	84.2	7.6				8.5
13/5/2018	Cloudy	Calm	18:20	YSI ProDSS (S/N: 16H104234;17 E100747)	15.9	Surface	1.0	1	26.4	8.0	23.2	7.3	103.5	3.7	12.7	6.6	11.0	18.2	
								2	26.4	8.0	23.2	7.3	103.3	3.7	13.0				
							Middle	8.0	1	25.2	8.0	30.1	5.8	83.9	11.6				17.9
									2	25.2	8.0	30.1	5.8	83.5	11.7				16.8
							Bottom	14.9	1	25.1	7.9	30.4	5.9	84.7	17.6				24.1
									2	25.1	7.9	30.4	5.9	84.5	17.8				24.9
16/5/2018	Fine	Moderate	05:58	YSI ProDSS (S/N: 16H104234;17 E100747)	12.8	Surface	1.0	1	27.0	8.0	21.8	6.3	89.1	4.3	4.6	6.1	5.8	12.6	
								2	27.0	8.0	21.8	6.3	89.0	4.3	6.0				
							Middle	6.4	1	26.1	8.0	27.6	5.8	83.5	7.6				13.9
									2	26.1	8.0	27.6	5.8	83.6	7.6				13.1
							Bottom	11.8	1	26.0	8.0	28.1	5.8	82.9	5.4				19.5
									2	26.0	8.0	28.1	5.8	83.2	5.4				18.7
18/5/2018	Fine	Calm	07:18	YSI ProDSS (S/N: 16H104234;17 E100747)	11.5	Surface	1.0	1	27.5	8.0	21.4	6.0	85.2	4.3	4.1	5.9	4.5	4.3	
								2	27.5	8.0	21.4	5.9	84.8	4.3	4.6				
							Middle	5.8	1	27.0	8.0	23.6	5.8	82.9	4.8				4.0
									2	27.0	8.0	23.6	5.8	82.6	4.8				4.5
							Bottom	10.5	1	26.6	8.0	26.4	5.6	81.1	4.3				4.2
									2	26.6	8.0	26.4	5.6	81.1	4.3				4.5
21/5/2018	Fine	Calm	09:35	YSI ProDSS (S/N: 16H104234;17 E100747)	11.5	Surface	1.0	1	28.2	8.0	19.8	6.2	89.3	4.3	3.7	6.0	4.9	4.0	
								2	28.2	8.0	19.8	6.2	89.2	4.3	4.0				
							Middle	5.8	1	27.7	8.0	23.0	5.8	84.0	4.7				3.3
									2	27.7	8.0	23.0	5.8	83.9	4.7				3.9
							Bottom	10.5	1	26.4	8.0	29.2	5.2	75.3	5.6				3.6
									2	26.4	8.0	29.2	5.2	75.5	5.6				5.3

Remarks for Sea Condition: Calm: < 1.25 m wave height; Moderate: 1.25 - 2.50m wave height; Rough: > 2.50m wave height

Water Quality Monitoring for Tung Chung New Town Extension (East)

Station	TCE-WQM1
Tide	Mid-Ebb

Date	Weather Condition	Sea Condition	Sampling Time	Equipment	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged		
																DO (mg/L)	Turbidity (NTU)	SS (mg/L)
25/4/2018	Cloudy	Calm	11:27	YSI ProDSS (S/N: 16H104233;16 H104234)	9	Surface	1.0	1	24.4	8.0	27.3	6.6	92.2	4.6	7.1	6.6	5.7	7.2
								2	24.4	8.0	27.3	6.6	92.3	4.6	5.9			
							4.5	1	24.4	8.0	27.5	6.6	91.8	5.0	7.1			
								2	24.4	8.0	27.5	6.5	91.6	5.0	8.6			
							8.0	1	24.4	8.0	27.6	6.5	91.4	7.4	7.1			
								2	24.4	8.0	27.6	6.5	91.6	7.3	7.5			
27/4/2018	Cloudy	Calm	12:25	YSI ProDSS (S/N: 17H105557;16 H104234)	8.7	Surface	1.0	1	23.9	8.0	29.6	6.6	92.2	4.3	5.2	6.6	5.0	5.3
								2	23.9	8.0	29.6	6.5	92.4	4.3	5.7			
							4.4	1	23.8	8.0	29.7	6.6	92.6	4.9	4.4			
								2	23.8	8.0	29.7	6.6	92.9	4.9	5.2			
							7.7	1	23.8	8.0	29.8	6.6	92.7	5.9	5.7			
								2	23.8	8.0	29.8	6.6	92.6	5.9	5.3			
30/4/2018	Sunny	Calm	11:41	YSI ProDSS (S/N: 16H104234;17 H105557)	9	Surface	1.0	1	24.9	8.1	29.4	6.6	94.3	7.5	10.8	6.6	7.5	11.3
								2	24.9	8.1	29.4	6.6	94.5	7.5	10.5			
							4.5	1	24.9	8.1	29.4	6.6	94.2	7.5	9.1			
								2	24.9	8.1	29.4	6.6	94.1	7.5	10.7			
							8.0	1	24.9	8.1	29.4	6.6	94.2	7.5	12.6			
								2	24.9	8.1	29.4	6.6	94.0	7.5	13.9			
2/5/2018	Sunny	Calm	12:49	YSI ProDSS (S/N: 16H104234;17 E100747)	9.1	Surface	1.0	1	25.9	8.0	27.7	6.9	99.5	5.8	9.4	6.9	6.2	10.7
								2	25.9	8.0	27.7	7.0	99.9	5.7	9.2			
							4.6	1	25.9	8.0	27.7	6.9	99.4	6.5	11.2			
								2	25.9	8.0	27.7	6.9	99.5	6.5	11.9			
							8.1	1	25.9	8.0	27.7	6.9	99.7	6.4	11.0			
								2	25.9	8.0	27.7	6.9	99.3	6.4	11.6			
4/5/2018	Cloudy	Calm	14:11	YSI ProDSS (S/N: 16H104234;17 E100747)	10.1	Surface	1.0	1	26.0	8.1	28.1	7.3	105.8	4.6	5.8	7.3	8.5	7.5
								2	26.0	8.1	28.1	7.3	105.7	4.6	5.7			
							5.1	1	25.9	8.2	28.4	7.3	105.1	5.0	6.8			
								2	25.9	8.2	28.4	7.3	105.2	5.0	7.7			
							9.1	1	25.4	8.2	30.3	7.2	104.0	15.7	9.8			
								2	25.4	8.2	30.3	7.3	104.5	15.8	8.9			
7/5/2018	Cloudy	Calm	16:19	YSI ProDSS (S/N: 16H104234;17 E100747)	9.1	Surface	1.0	1	26.8	8.0	26.2	8.4	121.7	3.9	4.6	7.9	5.7	5.5
								2	26.8	8.0	26.2	8.4	121.7	3.9	4.1			
							4.6	1	26.2	8.0	28.4	7.3	105.8	5.8	6.6			
								2	26.2	8.0	28.4	7.3	105.3	5.8	6.0			
							8.1	1	26.1	8.0	28.7	7.0	101.8	7.3	5.0			
								2	26.1	8.0	28.7	7.1	102.0	7.4	6.5			
9/5/2018	Rainy	Moderate	09:43	YSI ProDSS (S/N: 17H105557;17 E100747)	8.8	Surface	1.0	1	26.3	7.5	23.4	7.0	99.3	2.5	4.0	6.6	7.1	5.5
								2	26.3	7.5	23.4	7.0	99.1	2.5	4.2			
							4.4	1	26.2	7.5	27.1	6.1	88.2	8.2	6.8			
								2	26.2	7.5	27.1	6.2	88.3	8.2	7.0			
							7.8	1	26.1	7.5	27.5	5.9	84.4	10.6	5.1			
								2	26.1	7.5	27.5	5.8	84.0	10.5	5.9			
11/5/2018	Cloudy	Moderate	11:40	YSI ProDSS (S/N: 16H104234;17 E100747)	9.6	Surface	1.0	1	25.0	8.0	27.4	6.6	93.6	2.4	9.5	6.6	4.5	10.0
								2	25.0	8.0	27.4	6.6	93.6	2.4	9.5			
							4.8	1	24.9	8.1	27.9	6.5	92.0	3.3	9.6			
								2	24.9	8.1	27.9	6.5	92.1	3.3	8.9			
							8.6	1	24.8	8.1	29.5	6.4	91.4	7.8	10.7			
								2	24.8	8.1	29.5	6.4	91.2	7.7	11.9			
13/5/2018	Fine	Calm	12:53	YSI ProDSS (S/N: 16H104234;17 E100747)	9.5	Surface	1.0	1	26.4	8.1	23.8	7.0	99.4	7.1	8.2	6.6	12.4	14.3
								2	26.4	8.1	23.8	6.9	99.1	7.1	10.3			
							4.8	1	25.9	8.1	26.5	6.2	88.2	10.5	15.6			
								2	25.9	8.1	26.5	6.2	88.4	10.5	14.2			
							8.5	1	25.7	8.1	27.9	6.0	85.9	19.6	18.8			
								2	25.7	8.1	27.9	6.0	85.5	19.6	18.9			
16/5/2018	Fine	Calm	11:58	YSI ProDSS (S/N: 16H104234;17 E100747)	9.5	Surface	1.0	1	27.5	8.0	22.3	6.7	95.5	8.7	13.6	6.7	12.2	16.7
								2	27.5	8.0	22.3	6.6	95.2	8.6	14.1			
							4.8	1	27.5	8.0	22.3	6.7	95.4	13.2	16.7			
								2	27.5	8.0	22.3	6.7	95.3	13.2	16.4			
							8.5	1	27.4	8.0	22.4	6.6	95.6	14.7	19.9			
								2	27.4	8.0	22.4	6.6	95.6	14.7	19.9			
18/5/2018	Fine	Calm	13:29	YSI ProDSS (S/N: 16H104234;17 E100747)	9.5	Surface	1.0	1	27.8	7.9	21.7	6.0	86.3	9.3	9.4	6.0	9.8	9.7
								2	27.8	7.9	21.7	6.0	86.4	9.3	9.0			
							4.8	1	27.8	7.9	21.8	6.0	86.0	9.9	10.0			
								2	27.8	7.9	21.8	6.0	86.2	9.9	9.1			
							8.5	1	27.8	7.9	21.8	6.0	86.1	10.0	11.0			
								2	27.8	7.9	21.8	6.0	86.4	10.1	9.4			
21/5/2018	Sunny	Calm	16:16	YSI ProDSS (S/N: 16H104234;17 E100747)	8.6	Surface	1.0	1	29.0	8.0	21.8	7.1	104.8	4.6	5.0	7.0	5.4	5.8
								2	29.0	8.0	21.8	7.1	104.7	4.6	5.9			
							4.3	1	28.6	8.0	22.4	6.9	100.2	3.9	6.0			
								2	28.6	8.0	22.4	6.9	99.8	3.9	5.0			
							7.6	1	27.5	7.9	25.0	5.7	82.2	7.7	6.0			
								2	27.5	7.9	25.0	5.6	82.2	7.7	6.7			

Remarks for Sea Condition: Calm: < 1.25 m wave height; Moderate: 1.25 - 2.50m wave height; Rough: > 2.50m wave height

Water Quality Monitoring for Tung Chung New Town Extension (East)

Station	TCE-WQM1
Tide	Mid-Flood

Date	Weather Condition	Sea Condition	Sampling Time	Equipment	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged								
																DO (mg/L)	Turbidity (NTU)	SS (mg/L)						
25/4/2018	Cloudy	Calm	13:53	YSI ProDSS (S/N: 16H104233;16H104234)	8.9	Surface	1.0	1	24.5	8.0	27.0	6.7	93.2	3.4	4.9	6.6	5.8	4.8						
								2	24.5	8.0	27.0	6.6	92.9	3.4	5.8									
							4.5	1	24.4	8.0	27.5	6.5	91.3	6.3	4.7				6.6	5.8	4.8			
								2	24.4	8.0	27.5	6.5	91.3	6.3	4.1									
							7.9	1	24.3	8.0	27.7	6.6	92.5	7.7	4.2							6.6	5.8	4.8
								2	24.3	8.0	27.7	6.6	92.1	7.7	4.9									
27/4/2018	Misty	Calm	15:54	YSI ProDSS (S/N: 17H105557;16H104234)	8.4	Surface	1.0	1	24.5	7.9	28.8	6.3	88.9	2.7	1.9	6.4	3.0	1.2						
								2	24.5	7.9	28.8	6.3	89.1	2.7	1.5									
							4.2	1	24.4	7.9	28.9	6.4	90.3	3.0	0.8				6.4	3.0	1.2			
								2	24.4	7.9	28.9	6.4	90.2	3.0	0.9									
							7.4	1	24.0	7.9	29.5	6.5	90.8	3.2	1.3							6.5	3.0	1.2
								2	24.0	7.9	29.5	6.5	91.2	3.2	0.9									
30/4/2018	Fine	Calm	07:18	YSI ProDSS (S/N: 16H104234;17H105557)	8.9	Surface	1.0	1	25.0	8.0	29.1	6.4	91.2	3.3	4.9	6.4	4.6	6.9						
								2	25.0	8.0	29.1	6.4	90.9	3.3	4.8									
							4.5	1	24.9	8.0	29.4	6.4	92.0	4.8	6.7				6.4	4.6	6.9			
								2	24.9	8.0	29.4	6.4	92.0	4.8	7.1									
							7.9	1	24.9	8.0	29.4	6.5	92.1	5.8	9.6							6.5	4.6	6.9
								2	24.9	8.0	29.4	6.4	91.7	5.8	8.0									
2/5/2018	Sunny	Calm	08:21	YSI ProDSS (S/N: 16H104234;17E100747)	8.8	Surface	1.0	1	25.6	8.0	27.5	7.0	99.6	2.1	2.9	6.9	3.0	4.8						
								2	25.6	8.0	27.5	7.0	99.9	2.1	2.9									
							4.4	1	25.6	8.0	27.9	6.8	97.8	3.2	5.3				6.9	3.0	4.8			
								2	25.6	8.0	27.9	6.8	97.6	3.2	5.0									
							7.8	1	25.7	8.0	28.0	6.8	97.7	3.6	6.3							6.8	3.0	4.8
								2	25.7	8.0	28.0	6.8	97.9	3.6	6.6									
4/5/2018	Cloudy	Moderate	09:01	YSI ProDSS (S/N: 16H104234;17E100747)	8.7	Surface	1.0	1	26.1	8.1	27.1	6.9	98.5	3.4	5.3	6.8	4.4	4.7						
								2	26.1	8.1	27.1	6.8	98.1	3.4	5.5									
							4.4	1	25.8	8.1	27.1	6.8	96.7	4.8	4.4				6.8	4.4	4.7			
								2	25.8	8.1	27.1	6.7	96.6	4.8	4.3									
							7.7	1	25.7	8.1	27.0	6.7	96.3	5.0	4.6							6.8	4.4	4.7
								2	25.7	8.1	27.0	6.8	96.4	5.0	4.3									
7/5/2018	Cloudy	Moderate	06:15	YSI ProDSS (S/N: 16H104234;17E100747)	8.8	Surface	1.0	1	26.2	8.1	28.1	7.7	111.9	2.7	4.3	7.5	3.3	4.5						
								2	26.2	8.1	28.1	7.7	111.9	2.7	4.8									
							4.4	1	26.0	8.0	28.6	7.2	104.7	3.3	4.3				7.5	3.3	4.5			
								2	26.0	8.0	28.6	7.2	104.4	3.3	4.3									
							7.8	1	25.7	8.0	29.1	6.7	96.1	4.0	4.6							6.7	3.3	4.5
								2	25.7	8.0	29.1	6.7	96.6	4.0	4.6									
9/5/2018	Cloudy	Calm	12:07	YSI ProDSS (S/N: 17H105557;17E100747)	8.9	Surface	1.0	1	26.4	8.1	23.0	7.4	104.4	1.3	3.9	6.8	4.8	6.2						
								2	26.4	8.1	23.0	7.4	103.9	1.3	3.4									
							4.5	1	26.1	8.0	26.7	6.2	89.5	5.2	3.1				6.8	4.8	6.2			
								2	26.1	8.0	26.7	6.2	89.4	5.2	3.9									
							7.9	1	25.9	8.0	28.7	6.2	89.4	7.8	10.9							6.2	4.8	6.2
								2	25.9	8.0	28.7	6.2	89.1	7.8	12.1									
11/5/2018	Cloudy	Calm	14:35	YSI ProDSS (S/N: 16H104234;17E100747)	8.7	Surface	1.0	1	25.4	8.0	27.6	6.7	95.3	1.9	4.4	6.7	5.2	5.2						
								2	25.4	8.0	27.6	6.7	94.9	1.9	4.8									
							4.4	1	25.3	8.0	27.7	6.6	93.9	2.6	6.0				6.7	5.2	5.2			
								2	25.3	8.0	27.7	6.6	94.1	2.6	5.0									
							7.7	1	24.9	8.0	29.4	6.1	86.4	11.0	5.2							6.1	5.2	5.2
								2	24.9	8.0	29.4	6.1	86.5	10.9	5.5									
13/5/2018	Fine	Calm	16:19	YSI ProDSS (S/N: 16H104234;17E100747)	8.4	Surface	1.0	1	27.4	8.2	22.3	9.9	141.1	4.3	12.1	8.6	12.5	12.7						
								2	27.4	8.2	22.3	9.8	141.0	4.3	13.1									
							4.2	1	26.2	8.2	24.6	7.3	104.0	10.3	13.0				8.6	12.5	12.7			
								2	26.2	8.2	24.6	7.3	104.4	10.2	11.5									
							7.4	1	25.6	8.0	27.5	6.2	88.2	23.0	13.9							6.2	12.5	12.7
								2	25.6	8.0	27.5	6.1	87.9	22.8	12.3									
16/5/2018	Fine	Calm	07:33	YSI ProDSS (S/N: 16H104234;17E100747)	9.5	Surface	1.0	1	27.5	8.1	22.1	6.8	97.6	3.9	10.5	6.8	5.9	11.0						
								2	27.5	8.1	22.1	6.8	97.4	3.9	10.4									
							4.8	1	27.5	8.0	22.1	6.8	97.2	3.7	9.4				6.8	5.9	11.0			
								2	27.5	8.0	22.1	6.7	96.7	3.7	10.3									
							8.5	1	27.0	8.0	24.3	6.0	86.9	10.1	12.8							6.0	5.9	11.0
								2	27.0	8.0	24.3	6.0	86.9	10.1	12.8									
18/5/2018	Sunny	Calm	08:45	YSI ProDSS (S/N: 16H104234;17E100747)	8.5	Surface	1.0	1	27.9	8.0	22.1	6.2	89.2	2.5	5.9	6.2	3.0	5.2						
								2	27.9	8.0	22.1	6.2	89.1	2.5	4.4									
							4.3	1	27.9	7.9	22.2	6.1	87.7	3.0	5.1				6.2	3.0	5.2			
								2	27.9	7.9	22.2	6.1	87.9	3.0	5.5									
							7.5	1	27.8	7.9	22.5	6.0	86.5	3.6	5.4							6.0	3.0	5.2
								2	27.8	7.9	22.5	6.0	86.4	3.6	4.9									
21/5/2018	Sunny	Calm	10:59	YSI ProDSS (S/N: 16H104234;17E100747)	8.5	Surface	1.0	1	29.5	8.1	20.9	7.3	107.0	4.2	5.6	6.6	5.7	6.8						
								2	29.5	8.1	20.9	7.2	106.5	4.2	5.9									
							4.3	1	27.9	7.9	22.0	6.0	86.6	6.6	6.1				6.6	5.7	6.8			
								2	27.9	7.9	22.0	6.0	87.0	6.6	4.0									
							7.5	1	28.0	7.9	24.1	5.3	78.0	6.4	9.1							5.3	5.7	6.8
								2	28.0	7.9	24.1	5.3	77.7	6.4	10.2									

Remarks for Sea Condition: Calm: < 1.25 m wave height; Moderate: 1.25 - 2.50m wave height; Rough: > 2.50m wave height



Water Quality Monitoring for Tung Chung New Town Extension (East)

Station	TCE-WQM2a
Tide	Mid-Ebb

Date	Weather Condition	Sea Condition	Sampling Time	Equipment	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged		
																DO (mg/L)	Turbidity (NTU)	SS (mg/L)
25/4/2018	Cloudy	Moderate	10:16	YSI ProDSS (S/N: 16H104233;16 H104234)	7.6	Surface	1.0	1	24.3	7.9	27.3	6.4	88.9	2.3	3.6	6.2	3.6	4.4
								2	24.3	7.9	27.3	6.4	88.8	2.3	3.8			
							3.8	1	24.0	7.9	29.3	5.9	83.1	2.6	3.8			
								2	24.0	7.9	29.3	5.9	83.3	2.6	3.9			
							6.6	1	23.8	7.9	30.3	5.8	81.8	5.9	5.7			
								2	23.8	7.9	30.3	5.8	81.5	5.9	5.6			
27/4/2018	Cloudy	Moderate	11:18	YSI ProDSS (S/N: 17H105557;16 H104234)	7.6	Surface	1.0	1	24.0	8.0	28.9	6.2	86.7	2.8	2.6	6.1	4.6	2.9
								2	24.0	8.0	28.9	6.1	86.3	2.8	3.0			
							3.8	1	23.9	8.0	29.2	6.1	85.8	5.6	2.2			
								2	23.9	8.0	29.2	6.1	85.5	5.6	3.3			
							6.6	1	23.8	8.0	29.5	6.2	86.3	5.4	3.1			
								2	23.8	8.0	29.5	6.1	86.0	5.4	3.2			
30/4/2018	Cloudy	Moderate	12:36	YSI ProDSS (S/N: 16H104234;17 H105557)	6.6	Surface	1.0	1	25.1	8.1	28.6	6.8	96.8	2.2	3.7	6.8	2.4	5.7
								2	25.1	8.1	28.6	6.9	96.9	2.2	3.6			
							3.3	1	24.9	8.1	28.8	6.7	95.2	2.6	4.3			
								2	24.9	8.1	28.8	6.8	95.6	2.6	4.5			
							5.6	1	25.0	8.1	28.7	6.7	94.9	2.4	9.3			
								2	25.0	8.1	28.7	6.7	94.8	2.4	8.5			
2/5/2018	Sunny	Moderate	13:41	YSI ProDSS (S/N: 16H104234;17 E100747)	7	Surface	1.0	1	26.4	8.0	27.1	7.7	110.5	5.1	4.0	7.5	6.6	5.3
								2	26.4	8.0	27.1	7.7	110.1	5.1	4.6			
							3.5	1	25.5	8.0	28.2	7.2	103.3	7.3	6.7			
								2	25.5	8.0	28.2	7.3	103.4	7.3	5.1			
							6.0	1	25.5	8.0	28.3	7.0	100.3	7.3	5.9			
								2	25.5	8.0	28.3	7.0	100.0	7.2	5.6			
4/5/2018	Cloudy	Moderate	15:16	YSI ProDSS (S/N: 16H104234;17 E100747)	7.9	Surface	1.0	1	25.8	8.1	27.4	7.4	105.9	5.7	5.3	7.1	4.2	5.3
								2	25.8	8.1	27.4	7.4	106.0	5.7	5.5			
							4.0	1	25.4	8.1	28.8	6.7	96.2	4.3	4.5			
								2	25.4	8.1	28.8	6.7	95.8	4.3	4.8			
							6.9	1	25.3	8.1	29.3	6.7	96.9	2.7	6.5			
								2	25.3	8.1	29.3	6.8	97.1	2.7	5.0			
7/5/2018	Cloudy	Moderate	17:16	YSI ProDSS (S/N: 16H104234;17 E100747)	7.8	Surface	1.0	1	26.9	8.2	25.5	9.6	139.0	3.1	4.0	9.3	4.0	5.1
								2	26.9	8.2	25.5	9.6	138.9	3.1	5.6			
							3.9	1	26.7	8.1	26.2	9.0	130.8	4.2	4.1			
								2	26.7	8.1	26.2	9.0	130.4	4.2	5.3			
							6.8	1	26.5	8.1	27.2	8.6	124.6	4.8	5.5			
								2	26.5	8.1	27.2	8.7	125.1	4.8	6.1			
9/5/2018	Rainy	Moderate	08:50	YSI ProDSS (S/N: 17H105557;17 E100747)	7	Surface	1.0	1	26.3	7.6	23.8	7.1	101.0	1.0	4.3	6.9	2.0	5.1
								2	26.3	7.6	23.8	7.1	101.1	1.0	4.5			
							3.5	1	25.8	7.6	26.5	6.7	95.5	1.7	6.1			
								2	25.8	7.6	26.5	6.7	96.0	1.7	4.6			
							6.0	1	25.5	7.6	29.6	6.2	88.7	3.2	5.1			
								2	25.5	7.6	29.6	6.1	88.5	3.2	6.2			
11/5/2018	Cloudy	Moderate	10:42	YSI ProDSS (S/N: 16H104234;17 E100747)	8	Surface	1.0	1	24.9	8.0	28.8	6.5	92.0	2.2	7.3	6.5	2.5	7.0
								2	24.9	8.0	28.8	6.5	91.9	2.2	7.0			
							4.0	1	24.9	8.0	29.7	6.5	91.9	2.1	6.0			
								2	24.9	8.0	29.7	6.5	92.3	2.1	7.0			
							7.0	1	24.8	8.0	30.7	6.4	91.8	3.2	7.3			
								2	24.8	8.0	30.7	6.4	92.1	3.2	7.6			
13/5/2018	Fine	Calm	11:54	YSI ProDSS (S/N: 16H104234;17 E100747)	7.9	Surface	1.0	1	27.3	8.2	21.8	8.7	124.4	2.9	7.0	8.1	3.5	10.4
								2	27.3	8.2	21.8	8.8	125.0	2.9	7.6			
							4.0	1	26.5	8.1	24.1	7.5	106.5	3.5	8.3			
								2	26.5	8.1	24.1	7.5	106.8	3.5	10.3			
							6.9	1	26.1	8.1	25.7	7.0	100.4	4.2	15.2			
								2	26.1	8.1	25.7	7.1	100.8	4.2	14.0			
16/5/2018	Fine	Calm	13:07	YSI ProDSS (S/N: 16H104234;17 E100747)	7.7	Surface	1.0	1	27.8	8.0	22.1	7.1	101.7	9.9	8.3	6.9	11.4	10.1
								2	27.8	8.0	22.1	7.1	101.5	10.0	8.2			
							3.9	1	27.0	8.0	23.3	6.7	95.2	11.8	7.2			
								2	27.0	8.0	23.3	6.7	94.7	11.8	7.4			
							6.7	1	26.8	8.0	23.5	6.6	94.4	12.3	15.3			
								2	26.8	8.0	23.5	6.6	94.7	12.4	14.3			
18/5/2018	Fine	Moderate	14:33	YSI ProDSS (S/N: 16H104234;17 E100747)	7.9	Surface	1.0	1	28.2	7.9	22.1	6.3	91.2	4.6	2.9	6.1	5.7	5.0
								2	28.2	7.9	22.1	6.4	91.3	4.6	4.0			
							4.0	1	27.4	7.9	23.5	5.9	84.2	6.0	7.0			
								2	27.4	7.9	23.5	5.9	84.0	6.0	5.6			
							6.9	1	27.2	7.9	24.1	5.8	83.9	6.6	5.7			
								2	27.2	7.9	24.1	5.8	83.5	6.6	5.0			
21/5/2018	Sunny	Moderate	17:22	YSI ProDSS (S/N: 16H104234;17 E100747)	6.8	Surface	1.0	1	29.5	8.3	20.4	9.7	141.9	3.5	4.4	8.0	4.5	5.8
								2	29.5	8.3	20.4	9.8	142.2	3.5	4.2			
							3.4	1	28.5	8.0	22.2	6.3	91.3	5.8	7.0			
								2	28.5	8.0	22.2	6.3	91.0	5.8	6.2			
							5.8	1	28.5	8.0	22.3	6.7	97.9	4.1	7.3			
								2	28.5	8.0	22.3	6.8	98.2	4.1	5.7			

Remarks for Sea Condition: Calm: < 1.25 m wave height; Moderate: 1.25 - 2.50m wave height; Rough: > 2.50m wave height

Water Quality Monitoring for Tung Chung New Town Extension (East)

Station	TCE-WQM2a
Tide	Mid-Flood

Date	Weather Condition	Sea Condition	Sampling Time	Equipment	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged		
																DO (mg/L)	Turbidity (NTU)	SS (mg/L)
25/4/2018	Rainy	Moderate	14:48	YSI ProDSS (S/N: 16H104233;16 H104234)	7.4	Surface	1.0	1	24.4	8.0	26.9	6.6	92.4	2.5	4.4	6.4	3.5	4.2
								2	24.4	8.0	26.9	6.6	92.0	2.5	4.3			
							3.7	1	24.1	8.0	28.5	6.2	86.2	4.2	3.5			
								2	24.1	8.0	28.5	6.1	85.9	4.2	3.8			
							6.4	1	24.1	8.0	28.7	6.2	87.3	3.8	5.3			
								2	24.1	8.0	28.7	6.2	87.1	3.8	4.0			
27/4/2018	Misty	Calm	17:02	YSI ProDSS (S/N: 17H105557;16 H104234)	7.4	Surface	1.0	1	24.5	8.0	28.9	6.5	91.9	2.8	<0.5	6.5	4.6	4.4
								2	24.5	8.0	28.9	6.5	92.2	2.8	0.9			
							3.7	1	24.1	8.0	29.2	6.4	89.4	5.0	<0.5			
								2	24.1	8.0	29.2	6.4	89.8	5.0	<0.5			
							6.4	1	24.1	8.0	29.2	6.4	90.5	5.9	6.2			
								2	24.1	8.0	29.2	6.4	90.5	6.0	6.0			
30/4/2018	Fine	Moderate	06:25	YSI ProDSS (S/N: 16H104234;17 H105557)	6.2	Surface	1.0	1	24.7	8.1	27.9	6.4	90.4	5.2	4.4	6.4	4.0	5.2
								2	24.7	8.1	27.9	6.4	90.4	5.2	3.5			
							3.1	1	24.7	8.1	28.2	6.4	90.6	3.8	5.3			
								2	24.7	8.1	28.2	6.4	90.9	3.8	5.9			
							5.2	1	24.7	8.1	28.4	6.4	90.2	3.0	6.1			
								2	24.7	8.1	28.4	6.4	90.0	3.0	6.2			
2/5/2018	Sunny	Calm	07:27	YSI ProDSS (S/N: 16H104234;17 E100747)	6.8	Surface	1.0	1	25.5	7.9	26.7	6.5	92.0	3.0	5.0	6.5	3.8	5.0
								2	25.5	7.9	26.7	6.5	91.9	3.0	4.9			
							3.4	1	25.5	7.9	27.1	6.5	91.9	3.7	6.0			
								2	25.5	7.9	27.1	6.5	92.3	3.7	5.0			
							5.8	1	25.5	7.9	27.5	6.4	91.8	4.6	4.6			
								2	25.5	7.9	27.5	6.4	91.8	4.6	4.4			
4/5/2018	Cloudy	Moderate	08:05	YSI ProDSS (S/N: 16H104234;17 E100747)	6.8	Surface	1.0	1	25.5	8.1	27.7	6.5	93.4	2.2	4.5	6.5	3.2	4.7
								2	25.5	8.1	27.7	6.6	93.7	2.2	3.9			
							3.4	1	25.5	8.1	27.9	6.4	92.0	2.9	4.8			
								2	25.5	8.1	27.9	6.5	92.4	2.9	5.8			
							5.8	1	25.4	8.1	28.4	6.4	91.0	4.4	4.7			
								2	25.4	8.1	28.4	6.3	90.9	4.4	4.7			
7/5/2018	Cloudy	Moderate	05:19	YSI ProDSS (S/N: 16H104234;17 E100747)	6.9	Surface	1.0	1	26.2	8.0	27.0	7.2	104.3	2.9	4.5	7.0	3.5	5.7
								2	26.2	8.0	27.0	7.3	104.8	2.9	3.0			
							3.5	1	25.9	8.0	28.0	6.8	98.2	2.3	5.1			
								2	25.9	8.0	28.0	6.8	98.0	2.3	5.2			
							5.9	1	25.5	8.0	29.2	6.4	92.0	5.3	7.2			
								2	25.5	8.0	29.2	6.4	91.7	5.3	8.9			
9/5/2018	Rainy	Moderate	13:14	YSI ProDSS (S/N: 17H105557;17 E100747)	8.1	Surface	1.0	1	26.2	8.0	25.0	7.3	103.4	4.9	5.2	7.0	6.3	5.9
								2	26.2	8.0	25.0	7.2	103.0	4.9	5.4			
							4.1	1	26.0	8.0	26.1	6.8	96.4	6.6	4.8			
								2	26.0	8.0	26.1	6.8	96.5	6.6	5.7			
							7.1	1	25.7	8.0	28.8	6.3	90.1	7.4	7.7			
								2	25.7	8.0	28.8	6.3	90.2	7.4	6.5			
11/5/2018	Cloudy	Moderate	15:45	YSI ProDSS (S/N: 16H104234;17 E100747)	8.9	Surface	1.0	1	25.4	8.1	27.0	7.0	100.0	2.1	6.9	6.9	5.6	7.7
								2	25.4	8.1	27.0	7.1	100.4	2.1	6.3			
							4.5	1	25.4	8.0	28.2	6.7	95.1	3.7	7.0			
								2	25.4	8.0	28.2	6.7	95.2	3.7	7.2			
							7.9	1	25.3	8.0	28.5	6.5	93.5	10.9	9.2			
								2	25.3	8.0	28.5	6.5	93.1	10.9	9.5			
13/5/2018	Fine	Calm	17:34	YSI ProDSS (S/N: 16H104234;17 E100747)	7.7	Surface	1.0	1	27.5	8.3	20.6	10.1	143.4	4.4	8.0	8.7	6.8	10.5
								2	27.5	8.3	20.6	10.1	143.5	4.4	7.2			
							3.9	1	26.3	8.0	24.0	7.2	101.8	5.6	9.5			
								2	26.3	8.0	24.0	7.2	102.0	5.6	11.2			
							6.7	1	25.8	8.0	26.1	6.5	92.5	10.4	12.8			
								2	25.8	8.0	26.1	6.5	92.7	10.3	14.1			
16/5/2018	Fine	Calm	06:35	YSI ProDSS (S/N: 16H104234;17 E100747)	7.9	Surface	1.0	1	27.1	8.0	22.0	6.3	89.9	5.1	5.0	6.3	10.0	7.6
								2	27.1	8.0	22.0	6.3	89.7	5.1	5.4			
							4.0	1	27.0	8.0	22.5	6.2	88.8	7.6	7.0			
								2	27.0	8.0	22.5	6.2	88.6	7.7	7.7			
							6.9	1	26.8	8.0	23.8	6.0	85.3	17.1	9.6			
								2	26.8	8.0	23.8	6.0	85.6	17.1	10.6			
18/5/2018	Sunny	Calm	07:51	YSI ProDSS (S/N: 16H104234;17 E100747)	7.5	Surface	1.0	1	27.5	7.9	21.0	6.0	84.6	5.9	4.3	5.9	6.5	3.7
								2	27.5	7.9	21.0	5.9	84.7	6.0	2.4			
							3.8	1	27.4	7.9	22.6	5.9	84.2	6.5	4.3			
								2	27.4	7.9	22.6	5.9	84.2	6.5	3.5			
							6.5	1	27.4	7.9	22.7	5.9	84.2	6.9	4.4			
								2	27.4	7.9	22.7	5.8	83.8	6.9	3.1			
21/5/2018	Sunny	Calm	10:07	YSI ProDSS (S/N: 16H104234;17 E100747)	7.3	Surface	1.0	1	28.7	8.0	20.5	6.5	93.5	4.2	5.7	6.5	6.0	5.3
								2	28.7	8.0	20.5	6.5	93.9	4.2	4.4			
							3.7	1	28.5	8.0	21.4	6.4	92.6	5.6	5.7			
								2	28.5	8.0	21.4	6.4	92.6	5.6	5.8			
							6.3	1	28.2	7.9	22.5	5.9	85.4	8.1	4.7			
								2	28.2	7.9	22.5	5.9	85.5	8.1	5.4			

Remarks for Sea Condition: Calm: < 1.25 m wave height; Moderate: 1.25 - 2.50m wave height; Rough: > 2.50m wave height

Water Quality Monitoring for Tung Chung New Town Extension (East)

Station	TCE-WQM2b
Tide	Mid-Ebb

Date	Weather Condition	Sea Condition	Sampling Time	Equipment	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged			
																DO (mg/L)	Turbidity (NTU)	SS (mg/L)	
25/4/2018	Cloudy	Moderate	09:44	YSI 6920 (S/N: 000109DF;0001C6A7)	11.7	Surface	1.0	1	24.3	8.0	27.7	6.7	93.6	7.8	2.2	6.6	9.1	5.6	
								2	24.3	8.0	27.7	6.7	93.8	7.8	3.7				
							Middle	5.9	1	24.3	8.0	29.0	6.5	91.0	10.7				4.3
									2	24.3	8.0	29.0	6.4	90.6	10.8				4.8
							Bottom	10.7	1	23.7	8.0	32.0	6.4	90.6	8.8				9.0
									2	23.7	8.0	32.0	6.4	90.6	8.8				9.7
27/4/2018	Cloudy	Calm	10:35	YSI ProDSS (S/N: 16H104233;17E100747)	11.1	Surface	1.0	1	24.0	8.0	27.8	6.3	87.8	3.0	4.4	6.2	3.6	6.4	
								2	24.0	8.0	27.8	6.3	87.4	3.0	3.8				
							Middle	5.6	1	23.8	8.0	28.1	6.1	85.4	3.6				6.5
									2	23.8	8.0	28.1	6.1	85.0	3.6				6.6
							Bottom	10.1	1	23.6	8.0	29.6	6.1	85.5	4.1				8.8
									2	23.6	8.0	29.6	6.1	85.3	4.1				8.1
30/4/2018	Fine	Moderate	13:29	YSI ProDSS (S/N: 16H104233;17E100747)	10.3	Surface	1.0	1	25.7	8.0	25.8	6.7	95.0	7.4	7.0	6.7	11.4	6.3	
								2	25.7	8.0	25.8	6.8	95.1	7.5	6.4				
							Middle	5.2	1	25.4	8.0	26.8	6.6	93.7	11.4				6.6
									2	25.4	8.0	26.8	6.6	93.3	11.5				5.5
							Bottom	9.3	1	25.4	8.0	26.9	6.6	93.2	15.4				5.9
									2	25.4	8.0	26.9	6.6	92.8	15.4				6.6
2/5/2018	Sunny	Moderate	14:23	YSI ProDSS (S/N: 16H104233;17H105557)	11.2	Surface	1.0	1	26.9	8.0	24.6	6.9	98.8	4.9	6.4	6.9	7.6	8.1	
								2	26.9	8.0	24.6	7.0	98.8	4.9	6.8				
							Middle	5.6	1	26.4	8.0	25.2	6.8	97.7	7.0				8.1
									2	26.4	8.0	25.2	6.9	97.6	7.1				8.3
							Bottom	10.2	1	26.3	8.0	25.4	6.8	97.3	10.7				9.0
									2	26.3	8.0	25.4	6.8	97.2	10.8				9.9
4/5/2018	Cloudy	Moderate	15:45	YSI ProDSS (S/N: 16H104233;17H105557)	10.5	Surface	1.0	1	26.3	8.1	26.0	6.8	97.2	2.6	4.8	6.7	7.4	4.8	
								2	26.3	8.1	26.0	6.9	97.0	2.6	4.7				
							Middle	5.3	1	26.0	8.1	26.6	6.6	94.4	8.4				3.4
									2	26.0	8.1	26.6	6.6	94.5	8.5				3.3
							Bottom	9.5	1	26.0	8.1	26.7	6.6	95.2	11.3				6.8
									2	26.0	8.1	26.7	6.7	95.2	11.2				5.7
7/5/2018	Cloudy	Moderate	17:56	YSI ProDSS (S/N: 16H104233;17H105557)	10.4	Surface	1.0	1	27.7	7.8	22.5	7.4	107.1	3.9	3.0	7.3	7.9	6.5	
								2	27.7	7.8	22.5	7.4	106.8	3.9	3.6				
							Middle	5.2	1	27.3	7.8	24.1	7.2	104.0	9.1				7.5
									2	27.3	7.8	24.1	7.2	104.3	9.1				6.5
							Bottom	9.4	1	27.1	7.8	24.7	7.0	100.7	10.6				8.7
									2	27.1	7.8	24.7	7.0	101.2	10.7				9.7
9/5/2018	Rainy	Moderate	08:15	YSI ProDSS (S/N: 16H104233;16H104234)	10.9	Surface	1.0	1	26.8	7.8	23.4	6.6	94.3	4.5	3.7	6.2	6.0	5.1	
								2	26.8	7.8	23.4	6.6	93.9	4.5	4.4				
							Middle	5.5	1	25.8	7.8	29.7	5.7	83.3	6.7				4.4
									2	25.8	7.8	29.7	5.7	83.1	6.7				5.2
							Bottom	9.9	1	25.3	7.8	31.4	5.7	82.2	6.8				6.3
									2	25.3	7.8	31.4	5.6	82.2	6.7				6.3
11/5/2018	Cloudy	Moderate	10:25	YSI ProDSS (S/N: 16H104233;17H105557)	10.9	Surface	1.0	1	25.1	7.8	28.1	6.7	95.0	2.1	4.0	6.6	1.8	6.1	
								2	25.1	7.8	28.1	6.7	95.0	2.1	3.6				
							Middle	5.5	1	25.0	7.8	29.3	6.4	91.5	1.5				5.1
									2	25.0	7.8	29.3	6.4	91.9	1.5				5.9
							Bottom	9.9	1	25.0	7.7	29.7	6.3	90.3	1.9				8.6
									2	25.0	7.7	29.7	6.3	90.2	1.9				9.2
13/5/2018	Sunny	Moderate	11:15	YSI 6920 (S/N: 000109DF;0001C6A7)	10.8	Surface	1.0	1	26.9	8.2	18.0	7.5	104.3	10.8	9.3	7.1	14.3	9.1	
								2	26.9	8.2	18.0	7.3	104.1	10.8	9.6				
							Middle	5.4	1	26.2	8.1	23.1	6.8	95.1	15.2				9.4
									2	26.2	8.1	23.1	6.7	94.7	15.2				7.1
							Bottom	9.8	1	26.1	8.1	23.7	6.8	95.5	16.8				9.9
									2	26.1	8.1	23.7	6.6	95.2	16.9				9.0
16/5/2018	Sunny	Moderate	13:36	YSI 6920 (S/N: 00019CB2;000109DF)	10.2	Surface	1.0	1	27.8	8.2	21.3	6.9	99.4	15.2	8.8	6.8	19.2	9.3	
								2	27.8	8.2	21.3	7.0	99.1	15.1	8.7				
							Middle	5.1	1	27.2	8.2	22.9	6.7	96.2	19.5				8.0
									2	27.2	8.2	22.9	6.7	96.3	19.6				8.7
							Bottom	9.2	1	27.1	8.2	23.1	6.7	96.2	22.8				10.8
									2	27.1	8.2	23.1	6.7	96.3	22.8				10.7
18/5/2018	Sunny	Moderate	15:02	YSI 6920 (S/N: 000109DF;0001C6A7)	11.2	Surface	1.0	1	28.5	8.1	20.8	6.7	97.4	16.0	9.5	6.6	24.8	8.8	
								2	28.5	8.1	20.8	6.8	97.1	16.1	9.6				
							Middle	5.6	1	27.8	8.1	22.1	6.4	92.5	28.0				7.6
									2	27.8	8.1	22.1	6.4	92.3	28.2				7.5
							Bottom	10.2	1	27.8	8.1	22.2	6.5	93.3	30.2				10.1
									2	27.8	8.1	22.2	6.5	93.6	30.4				8.7
21/5/2018	Sunny	Moderate	17:45	YSI ProDSS (S/N: 16H104233;17H105557)	11.4	Surface	1.0	1	29.4	8.0	19.2	7.4	107.5	4.4	4.7	6.6	8.5	4.2	
								2	29.4	8.0	19.2	7.5	107.6	4.4	3.2				
							Middle	5.7	1	28.1	7.9	22.2	5.7	82.6	9.9				4.6
									2	28.1	7.9	22.2	5.7	82.4	9.8				4.5
							Bottom	10.4	1	28.0	7.9	22.4	5.7	82.9	11.1				3.7
									2	28.0	7.9	22.4	5.7	82.8	11.1				4.3

Remarks for Sea Condition: Calm: < 1.25 m wave height; Moderate: 1.25 - 2.50m wave height; Rough: > 2.50m wave height

Station	TCE-WQM2b
Tide	Mid-Flood

Date	Weather Condition	Sea Condition	Sampling Time	Equipment	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged			
																DO (mg/L)	Turbidity (NTU)	SS (mg/L)	
25/4/2018	Cloudy	Moderate	15:35	YSI 6920 (S/N: 000109DF;0001C6A7)	11.2	Surface	1.0	1	24.2	8.0	28.2	6.9	96.7	7.5	4.4	6.8	8.8	12.0	
								2	24.2	8.0	28.2	6.9	96.4	7.5	4.1				
							Middle	5.6	1	24.1	8.0	29.3	6.7	94.1	8.6				8.3
									2	24.1	8.0	29.3	6.7	93.6	8.6				9.5
							Bottom	10.2	1	23.7	8.0	32.0	6.6	93.6	10.3				22.3
									2	23.7	8.0	32.0	6.6	93.3	10.4				23.5
27/4/2018	Cloudy	Moderate	17:44	YSI ProDSS (S/N: 16H104233;17E100747)	11.2	Surface	1.0	1	24.2	8.1	27.7	6.5	90.8	5.2	11.2	6.5	7.7	11.8	
								2	24.2	8.1	27.7	6.5	91.2	5.2	11.3				
							Middle	5.6	1	24.1	8.1	27.8	6.4	89.6	9.4				10.4
									2	24.1	8.1	27.8	6.4	89.2	9.4				9.7
							Bottom	10.2	1	24.1	8.1	27.8	6.5	90.3	8.6				14.7
									2	24.1	8.1	27.8	6.4	90.0	8.5				13.6
30/4/2018	Cloudy	Moderate	06:16	YSI ProDSS (S/N: 16H104233;17E100747)	10.5	Surface	1.0	1	25.2	8.0	26.0	6.3	88.4	4.7	5.2	6.3	10.9	7.7	
								2	25.2	8.0	26.0	6.3	88.3	4.7	4.8				
							Middle	5.3	1	25.1	8.0	26.3	6.3	88.5	5.6				8.9
									2	25.1	8.0	26.3	6.3	88.9	5.6				9.2
							Bottom	9.5	1	25.1	8.0	26.9	6.2	87.6	22.4				8.3
									2	25.1	8.0	26.9	6.2	87.3	22.2				9.6
2/5/2018	Sunny	Moderate	07:12	YSI ProDSS (S/N: 16H104233;17H105557)	11	Surface	1.0	1	26.0	7.9	24.7	6.3	88.9	2.8	5.2	6.3	7.5	5.5	
								2	26.0	7.9	24.7	6.3	89.1	2.8	4.0				
							Middle	5.5	1	25.9	8.0	25.4	6.2	88.4	8.5				6.3
									2	25.9	8.0	25.4	6.2	88.2	8.5				4.9
							Bottom	10.0	1	25.7	8.0	26.7	6.2	88.0	11.2				6.4
									2	25.7	8.0	26.7	6.2	88.2	11.2				6.1
4/5/2018	Cloudy	Moderate	07:57	YSI ProDSS (S/N: 16H104233;17H105557)	10.6	Surface	1.0	1	25.6	8.0	25.7	7.5	105.7	2.1	3.8	7.3	3.3	5.3	
								2	25.6	8.0	25.7	7.5	105.9	2.1	5.0				
							Middle	5.3	1	25.6	8.0	26.5	7.1	100.9	3.2				6.6
									2	25.6	8.0	26.5	7.1	101.3	3.2				4.9
							Bottom	9.6	1	25.5	8.0	27.1	6.9	98.8	4.5				5.5
									2	25.5	8.0	27.1	6.9	98.6	4.5				5.7
7/5/2018	Rainy	Moderate	04:50	YSI ProDSS (S/N: 16H104233;17H105557)	10.7	Surface	1.0	1	26.7	7.9	25.0	6.6	96.1	7.0	2.2	6.8	6.9	4.1	
								2	26.7	7.9	25.0	6.7	95.9	7.1	2.7				
							Middle	5.4	1	26.7	7.9	25.6	7.0	99.4	6.3				5.8
									2	26.7	7.9	25.6	6.9	99.3	6.3				4.4
							Bottom	9.7	1	26.7	7.9	25.9	7.0	101.1	7.2				4.8
									2	26.7	7.9	25.9	7.0	101.6	7.3				4.7
9/5/2018	Rainy	Moderate	14:02	YSI ProDSS (S/N: 16H104233;16H104234)	11.2	Surface	1.0	1	26.6	7.8	24.2	6.8	97.6	7.0	4.3	6.4	6.6	5.0	
								2	26.6	7.8	24.2	6.9	97.8	6.9	4.4				
							Middle	5.6	1	25.9	7.8	28.8	6.0	86.4	7.9				4.8
									2	25.9	7.8	28.8	6.0	86.7	7.9				4.7
							Bottom	10.2	1	25.4	7.9	31.2	6.0	87.1	4.9				6.1
									2	25.4	7.9	31.2	6.0	87.4	4.9				5.6
11/5/2018	Sunny	Moderate	16:30	YSI ProDSS (S/N: 16H104233;17H105557)	11.3	Surface	1.0	1	25.6	7.8	27.3	6.9	97.8	3.6	9.9	6.7	5.1	9.2	
								2	25.6	7.8	27.3	6.9	98.2	3.6	9.0				
							Middle	5.7	1	25.2	7.8	28.8	6.4	92.0	5.5				8.7
									2	25.2	7.8	28.8	6.4	92.0	5.5				9.7
							Bottom	10.3	1	25.1	7.8	29.6	6.1	87.8	6.1				8.8
									2	25.1	7.8	29.6	6.1	87.6	6.1				9.3
13/5/2018	Sunny	Moderate	18:08	YSI 6920 (S/N: 000109DF;0001C6A7)	11.2	Surface	1.0	1	26.7	8.2	22.6	7.5	105.6	13.0	6.6	7.1	19.9	9.5	
								2	26.7	8.2	22.6	7.4	105.4	13.0	7.9				
							Middle	5.6	1	26.0	8.2	24.9	6.7	95.6	23.2				9.7
									2	26.0	8.2	24.9	6.7	95.3	23.3				8.2
							Bottom	10.2	1	25.8	8.1	27.4	6.9	99.3	23.6				11.6
									2	25.8	8.1	27.4	6.9	99.4	23.5				12.9
16/5/2018	Cloudy	Calm	06:26	YSI 6920 (S/N: 00019CB2;000109DF)	10.8	Surface	1.0	1	27.1	8.1	22.1	6.6	93.5	13.0	7.8	6.5	18.4	7.5	
								2	27.1	8.1	22.1	6.6	93.8	13.0	6.9				
							Middle	5.4	1	26.9	8.1	24.0	6.5	92.5	20.2				7.2
									2	26.9	8.1	24.0	6.4	92.4	20.1				7.7
							Bottom	9.8	1	26.8	8.1	24.4	6.5	92.6	22.1				8.2
									2	26.8	8.1	24.4	6.5	92.5	22.1				7.0
18/5/2018	Fine	Moderate	07:32	YSI 6920 (S/N: 000109DF;0001C6A7)	10.6	Surface	1.0	1	27.5	8.1	22.2	6.3	90.2	16.9	3.6	6.3	20.7	4.2	
								2	27.5	8.1	22.2	6.3	90.4	17.1	3.9				
							Middle	5.3	1	27.3	8.1	23.6	6.2	88.6	17.4				3.2
									2	27.3	8.1	23.6	6.2	88.8	17.5				4.7
							Bottom	9.6	1	27.2	8.1	24.5	6.1	88.5	27.5				5.8
									2	27.2	8.1	24.5	6.1	88.4	27.5				4.0
21/5/2018	Fine	Moderate	10:10	YSI ProDSS (S/N: 16H104233;17H105557)	10.7	Surface	1.0	1	28.4	8.0	20.1	5.9	84.7	4.5	5.9	5.6	9.9	5.8	
								2	28.4	8.0	20.1	5.9	84.4	4.5	5.6				
							Middle	5.4	1	27.2	8.0	25.5	5.2	75.5	9.7				5.9
									2	27.2	8.0	25.5	5.2	75.4	9.8				4.4
							Bottom	9.7	1	26.5	8.0	28.4	5.1	74.2	15.3				6.0
									2	26.5	8.0	28.4	5.1	74.0	15.3				7.0

Remarks for Sea Condition: Calm: < 1.25 m wave height; Moderate: 1.25 - 2.50m wave height; Rough: > 2.50m wave height

Water Quality Monitoring for Tung Chung New Town Extension (East)

Station	TCE-WQM3A
Tide	Mid-Ebb

Date	Weather Condition	Sea Condition	Sampling Time	Equipment	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged			
																DO (mg/L)	Turbidity (NTU)	SS (mg/L)	
25/4/2018	Cloudy	Calm	10:44	YSI ProDSS (S/N: 16H104233;16 H104234)	3.7	Surface	1.0	1	24.6	7.9	26.4	6.3	87.3	4.8	4.8	6.3	5.2	5.9	
								2	24.6	7.9	26.4	6.2	87.6	4.8	4.2				
							Bottom	2.7	1	24.6	7.9	26.6	6.3	88.7	5.5				6.8
									2	24.6	7.9	26.6	6.3	88.5	5.5				7.7
27/4/2018	Cloudy	Calm	11:43	YSI ProDSS (S/N: 17H105557;16 H104234)	3.4	Surface	1.0	1	24.0	7.9	28.6	5.9	82.1	4.1	4.0	5.9	4.3	3.7	
								2	24.0	7.9	28.6	5.8	82.3	4.1	3.6				
							Bottom	2.4	1	24.0	7.9	28.7	6.0	83.6	4.4				3.6
									2	24.0	7.9	28.7	5.9	83.6	4.4				3.7
30/4/2018	Cloudy	Calm	12:18	YSI ProDSS (S/N: 16H104234;17 H105557)	4.2	Surface	1.0	1	25.2	8.1	28.5	6.6	94.5	3.4	4.6	6.7	3.2	4.5	
								2	25.2	8.1	28.5	6.7	94.3	3.4	3.2				
							Bottom	3.2	1	25.3	8.1	28.5	6.6	95.0	2.9				5.0
									2	25.3	8.1	28.5	6.7	95.2	2.9				5.1
2/5/2018	Sunny	Calm	13:24	YSI ProDSS (S/N: 16H104234;17 E100747)	4	Surface	1.0	1	26.4	8.0	27.3	7.4	107.1	4.0	6.4	7.5	4.0	7.2	
								2	26.4	8.0	27.3	7.5	106.9	4.0	6.6				
							Bottom	3.0	1	26.4	8.0	27.4	7.4	106.9	4.0				7.8
									2	26.4	8.0	27.4	7.6	107.1	4.0				8.0
4/5/2018	Cloudy	Calm	14:55	YSI ProDSS (S/N: 16H104234;17 E100747)	5	Surface	1.0	1	26.3	8.1	27.2	7.2	104.3	3.1	4.1	7.3	3.2	4.1	
								2	26.3	8.1	27.2	7.3	103.8	3.1	4.7				
							Bottom	4.0	1	26.3	8.1	27.3	7.2	104.2	3.2				3.7
									2	26.3	8.1	27.3	7.3	104.6	3.2				3.7
7/5/2018	Cloudy	Calm	16:55	YSI ProDSS (S/N: 16H104234;17 E100747)	3.4	Surface	1.0	1	27.0	8.2	26.7	10.4	151.7	5.5	5.1	10.5	5.8	6.2	
								2	27.0	8.2	26.7	10.5	152.2	5.5	5.9				
							Bottom	2.4	1	27.0	8.2	26.9	9.9	145.0	6.0				6.0
									2	27.0	8.2	26.9	10.1	145.7	6.0				7.6
9/5/2018	Rainy	Moderate	09:11	YSI ProDSS (S/N: 17H105557;17 E100747)	3.6	Surface	1.0	1	26.6	7.5	23.8	7.1	100.7	2.8	6.0	7.1	3.2	8.8	
								2	26.6	7.5	23.8	7.0	100.2	2.8	6.9				
							Bottom	2.6	1	26.6	7.5	23.9	7.0	100.1	3.6				10.8
									2	26.6	7.5	23.9	7.0	99.7	3.6				11.3
11/5/2018	Cloudy	Calm	11:08	YSI ProDSS (S/N: 16H104234;17 E100747)	4.2	Surface	1.0	1	24.9	7.9	27.6	6.3	88.6	3.1	4.1	6.3	3.2	6.2	
								2	24.9	7.9	27.6	6.2	88.6	3.1	6.0				
							Bottom	3.2	1	24.9	8.0	27.8	6.3	89.6	3.3				7.8
									2	24.9	8.0	27.8	6.2	89.2	3.3				6.8
13/5/2018	Fine	Calm	12:19	YSI ProDSS (S/N: 16H104234;17 E100747)	4.2	Surface	1.0	1	26.9	8.1	23.4	8.2	116.6	5.1	7.8	8.2	6.0	8.1	
								2	26.9	8.1	23.4	8.2	116.6	5.1	7.8				
							Bottom	3.2	1	26.7	8.1	24.0	7.9	112.4	7.0				8.8
									2	26.7	8.1	24.0	7.9	112.4	6.9				8.1
16/5/2018	Fine	Calm	12:42	YSI ProDSS (S/N: 16H104234;17 E100747)	4.2	Surface	1.0	1	27.9	8.0	21.0	7.0	100.4	5.9	7.2	7.1	8.8	8.6	
								2	27.9	8.0	21.0	7.1	100.2	5.9	7.0				
							Bottom	3.2	1	27.8	8.0	21.0	6.8	97.0	11.7				10.6
									2	27.8	8.0	21.0	6.9	96.9	11.8				9.7
18/5/2018	Fine	Calm	14:11	YSI ProDSS (S/N: 16H104234;17 E100747)	4.4	Surface	1.0	1	28.4	7.9	21.1	6.1	88.4	9.5	7.5	6.2	10.8	8.8	
								2	28.4	7.9	21.1	6.2	88.8	9.5	8.6				
							Bottom	3.4	1	28.4	7.9	21.2	6.2	89.5	12.1				9.4
									2	28.4	7.9	21.2	6.3	89.3	12.1				9.5
21/5/2018	Sunny	Calm	17:03	YSI ProDSS (S/N: 16H104234;17 E100747)	3.3	Surface	1.0	1	29.9	8.1	19.8	8.2	120.5	4.5	3.8	8.3	4.6	6.2	
								2	29.9	8.1	19.8	8.4	120.8	4.5	5.6				
							Bottom	2.3	1	29.8	8.1	19.9	8.2	120.6	4.7				8.0
									2	29.8	8.1	19.9	8.4	120.9	4.7				7.4

Remarks for Sea Condition: Calm: < 1.25 m wave height; Moderate: 1.25 - 2.50m wave height; Rough: > 2.50m wave height

Station	TCE-WQM3A
Tide	Mid-Flood

Date	Weather Condition	Sea Condition	Sampling Time	Equipment	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged			
																DO (mg/L)	Turbidity (NTU)	SS (mg/L)	
25/4/2018	Rainy	Calm	14:31	YSI ProDSS (S/N: 16H104233;16H104234)	3.7	Surface	1.0	1	24.4	8.0	27.9	5.9	82.9	7.2	11.4	5.9	7.0	11.9	
								2	24.4	8.0	27.9	5.9	83.0	7.2	12.6				
							Bottom	2.7	1	24.4	8.0	27.7	6.0	83.7	6.7	11.5			6.0
									2	24.4	8.0	27.7	5.9	83.3	6.7	12.1			
27/4/2018	Misty	Calm	16:37	YSI ProDSS (S/N: 17H105557;16H104234)	3.5	Surface	1.0	1	24.5	7.9	28.7	6.1	86.3	9.6	13.7	6.1	9.6	14.2	
								2	24.5	7.9	28.7	6.1	86.3	9.6	14.3				
							Bottom	2.5	1	24.5	7.9	28.7	6.3	88.1	9.6	13.7			6.3
									2	24.5	7.9	28.7	6.2	87.9	9.7	15.1			
30/4/2018	Fine	Calm	06:49	YSI ProDSS (S/N: 16H104234;17H105557)	3.5	Surface	1.0	1	24.6	8.1	28.9	6.2	88.2	4.2	7.8	6.2	4.2	9.2	
								2	24.6	8.1	28.9	6.2	88.0	4.2	6.5				
							Bottom	2.5	1	24.6	8.1	28.9	6.3	89.1	4.1	11.2			6.3
									2	24.6	8.1	28.9	6.3	89.5	4.1	11.1			
2/5/2018	Sunny	Calm	07:50	YSI ProDSS (S/N: 16H104234;17E100747)	3.9	Surface	1.0	1	25.5	7.9	26.3	6.4	91.2	5.0	7.6	6.4	5.1	8.7	
								2	25.5	7.9	26.3	6.4	91.4	5.0	7.4				
							Bottom	2.9	1	25.5	7.9	26.4	6.4	91.2	5.1	10.1			6.4
									2	25.5	7.9	26.4	6.4	91.2	5.1	9.7			
4/5/2018	Cloudy	Moderate	08:29	YSI ProDSS (S/N: 16H104234;17E100747)	3.8	Surface	1.0	1	25.6	8.1	27.7	6.5	92.4	2.9	5.8	6.5	3.2	5.8	
								2	25.6	8.1	27.7	6.4	92.0	2.9	5.3				
							Bottom	2.8	1	25.7	8.1	27.8	6.2	89.0	3.4	6.1			6.2
									2	25.7	8.1	27.8	6.2	89.2	3.4	5.9			
7/5/2018	Cloudy	Moderate	05:11	YSI ProDSS (S/N: 16H104234;17E100747)	3.9	Surface	1.0	1	26.4	8.1	26.9	7.8	112.8	3.4	6.7	7.8	3.7	6.3	
								2	26.4	8.1	26.9	7.8	112.8	3.4	5.1				
							Bottom	2.9	1	26.4	8.1	27.1	7.8	112.0	3.9	6.2			7.8
									2	26.4	8.1	27.1	7.7	111.8	3.9	7.1			
9/5/2018	Rainy	Moderate	12:53	YSI ProDSS (S/N: 17H105557;17E100747)	4	Surface	1.0	1	26.5	8.0	24.5	6.9	98.1	5.9	9.0	6.9	6.7	9.8	
								2	26.5	8.0	24.5	6.8	97.7	5.9	10.6				
							Bottom	3.0	1	26.5	8.0	25.2	6.4	92.2	7.5	9.8			6.4
									2	26.5	8.0	25.2	6.4	92.4	7.4	9.8			
11/5/2018	Cloudy	Moderate	15:22	YSI ProDSS (S/N: 16H104234;17E100747)	3.5	Surface	1.0	1	25.6	8.0	27.7	6.7	96.4	3.7	8.9	6.7	3.7	8.3	
								2	25.6	8.0	27.7	6.7	96.5	3.7	7.5				
							Bottom	2.5	1	25.6	8.0	27.8	6.8	96.8	3.7	8.4			6.8
									2	25.6	8.0	27.8	6.7	96.3	3.7	8.5			
13/5/2018	Fine	Calm	17:11	YSI ProDSS (S/N: 16H104234;17E100747)	3.4	Surface	1.0	1	27.4	8.2	20.4	9.0	127.1	10.8	17.1	9.0	10.7	24.0	
								2	27.4	8.2	20.4	9.0	127.7	10.7	18.4				
							Bottom	2.4	1	27.4	8.2	20.4	9.0	127.2	10.7	29.3			9.0
									2	27.4	8.2	20.4	9.0	127.0	10.6	31.0			
16/5/2018	Fine	Calm	07:00	YSI ProDSS (S/N: 16H104234;17E100747)	4.2	Surface	1.0	1	27.1	8.0	20.7	6.5	91.5	6.0	12.4	6.5	6.1	12.4	
								2	27.1	8.0	20.7	6.5	91.3	5.9	12.5				
							Bottom	3.2	1	27.1	8.0	20.7	6.5	91.9	6.3	12.6			6.5
									2	27.1	8.0	20.7	6.5	91.6	6.2	12.2			
18/5/2018	Sunny	Calm	08:15	YSI ProDSS (S/N: 16H104234;17E100747)	3.9	Surface	1.0	1	27.7	7.9	20.5	6.1	86.8	8.3	9.1	6.1	8.4	10.6	
								2	27.7	7.9	20.5	6.1	87.0	8.4	9.3				
							Bottom	2.9	1	27.7	7.9	20.6	6.1	86.7	8.5	12.2			6.1
									2	27.7	7.9	20.6	6.1	86.7	8.5	11.6			
21/5/2018	Sunny	Calm	10:27	YSI ProDSS (S/N: 16H104234;17E100747)	3.9	Surface	1.0	1	28.6	7.9	19.2	6.3	89.8	7.3	7.9	6.3	7.2	7.6	
								2	28.6	7.9	19.2	6.3	89.9	7.2	6.1				
							Bottom	2.9	1	28.6	7.9	19.2	6.3	89.9	7.2	7.2			6.3
									2	28.6	7.9	19.2	6.2	89.5	7.2	9.3			

Remarks for Sea Condition: Calm: < 1.25 m wave height; Moderate: 1.25 - 2.50m wave height; Rough: > 2.50m wave height

Water Quality Monitoring for Tung Chung New Town Extension (East)

Station	TCE-WQM4
Tide	Mid-Ebb

Date	Weather Condition	Sea Condition	Sampling Time	Equipment	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged			
																DO (mg/L)	Turbidity (NTU)	SS (mg/L)	
25/4/2018	Cloudy	Calm	11:00	YSI ProDSS (S/N: 16H104233;16H104234)	4	Surface	1.0	1	24.5	8.0	26.3	6.6	92.1	2.9	4.3	6.6	4.5	4.6	
								2	24.5	8.0	26.3	6.6	91.8	2.9	3.2				
							Bottom	3.0	1	24.6	7.9	26.6	6.4	88.7	6.1	5.6	6.4	4.5	4.6
									2	24.6	7.9	26.6	6.3	88.4	6.1	5.3			
27/4/2018	Cloudy	Calm	11:59	YSI ProDSS (S/N: 17H105557;16H104234)	3.9	Surface	1.0	1	24.2	7.9	28.5	6.2	87.2	1.9	<0.5	6.2	5.3	0.9	
								2	24.2	7.9	28.5	6.2	86.8	1.9	<0.5				
							Bottom	2.9	1	24.0	7.9	29.0	5.9	83.3	8.6	0.8	6.0	5.3	0.9
									2	24.0	7.9	29.0	6.0	83.5	8.6	1.0			
30/4/2018	Cloudy	Calm	12:03	YSI ProDSS (S/N: 16H104234;17H105557)	3.2	Surface	1.0	1	25.2	8.1	28.8	6.9	98.4	2.0	6.8	6.9	2.0	6.9	
								2	25.2	8.1	28.8	6.9	98.1	2.0	7.1				
							Bottom	2.2	1	25.2	8.1	28.8	6.9	98.4	2.0	7.4	6.9	2.0	6.9
									2	25.2	8.1	28.8	6.9	98.3	2.0	6.3			
2/5/2018	Sunny	Calm	13:10	YSI ProDSS (S/N: 16H104234;17E100747)	3.5	Surface	1.0	1	26.8	8.0	26.7	7.7	112.1	2.4	4.7	7.8	2.3	5.0	
								2	26.8	8.0	26.7	7.8	111.7	2.4	4.7				
							Bottom	2.5	1	26.2	8.0	27.3	8.3	119.9	2.2	5.9	8.4	2.3	5.0
									2	26.2	8.0	27.3	8.4	119.5	2.2	4.6			
4/5/2018	Cloudy	Moderate	14:36	YSI ProDSS (S/N: 16H104234;17E100747)	4.4	Surface	1.0	1	26.0	8.1	27.0	7.4	106.9	3.2	2.2	7.5	3.1	4.5	
								2	26.0	8.1	27.0	7.5	106.5	3.2	3.5				
							Bottom	3.4	1	26.0	8.2	27.1	7.5	107.5	3.0	6.1	7.5	3.1	4.5
									2	26.0	8.2	27.1	7.5	107.7	3.0	6.2			
7/5/2018	Cloudy	Calm	16:39	YSI ProDSS (S/N: 16H104234;17E100747)	3.9	Surface	1.0	1	27.0	8.2	26.1	10.2	148.3	2.4	2.9	10.3	2.4	3.0	
								2	27.0	8.2	26.1	10.3	148.3	2.4	2.9				
							Bottom	2.9	1	27.0	8.2	26.1	10.1	146.1	2.4	3.3	10.1	2.4	3.0
									2	27.0	8.2	26.1	10.1	146.3	2.4	2.9			
9/5/2018	Rainy	Moderate	09:23	YSI ProDSS (S/N: 17H105557;17E100747)	3.7	Surface	1.0	1	26.5	7.5	23.4	7.0	99.9	5.9	6.5	7.0	7.0	5.7	
								2	26.5	7.5	23.4	7.0	99.5	5.9	5.0				
							Bottom	2.7	1	26.5	7.5	23.7	6.6	94.0	8.1	5.4	6.6	7.0	5.7
									2	26.5	7.5	23.7	6.6	93.6	8.0	5.7			
11/5/2018	Cloudy	Calm	11:19	YSI ProDSS (S/N: 16H104234;17E100747)	3.9	Surface	1.0	1	24.8	8.0	27.2	6.7	93.6	1.8	1.6	6.7	7.0	2.9	
								2	24.8	8.0	27.2	6.6	93.5	1.8	1.5				
							Bottom	2.9	1	25.0	8.0	28.6	5.9	84.1	12.2	3.7	5.9	7.0	2.9
									2	25.0	8.0	28.6	5.9	83.7	12.1	4.9			
13/5/2018	Fine	Calm	12:30	YSI ProDSS (S/N: 16H104234;17E100747)	3.8	Surface	1.0	1	26.8	8.2	22.1	8.6	121.6	4.7	7.7	8.6	6.4	13.1	
								2	26.8	8.2	22.1	8.6	121.2	4.7	7.0				
							Bottom	2.8	1	26.2	8.1	24.7	6.9	97.5	8.0	17.8	6.9	6.4	13.1
									2	26.2	8.1	24.7	6.9	97.6	8.0	19.8			
16/5/2018	Fine	Calm	12:21	YSI ProDSS (S/N: 16H104234;17E100747)	4.4	Surface	1.0	1	27.7	8.0	21.6	7.5	107.2	3.9	9.3	7.6	4.2	9.5	
								2	27.7	8.0	21.6	7.6	107.1	3.9	8.1				
							Bottom	3.4	1	27.6	8.0	21.6	7.2	103.0	4.4	9.6	7.2	4.2	9.5
									2	27.6	8.0	21.6	7.2	103.0	4.4	10.9			
18/5/2018	Fine	Calm	13:53	YSI ProDSS (S/N: 16H104234;17E100747)	4.7	Surface	1.0	1	28.2	7.9	21.4	6.5	93.4	4.0	4.1	6.5	10.2	5.4	
								2	28.2	7.9	21.4	6.5	93.4	4.0	4.8				
							Bottom	3.7	1	28.0	7.9	22.1	5.9	85.3	16.5	6.6	6.0	10.2	5.4
									2	28.0	7.9	22.1	6.0	85.5	16.4	6.0			
21/5/2018	Sunny	Moderate	16:43	YSI ProDSS (S/N: 16H104234;17E100747)	3.7	Surface	1.0	1	29.4	8.3	20.0	10.6	155.0	3.9	6.7	10.7	4.8	7.0	
								2	29.4	8.3	20.0	10.8	155.7	3.9	7.4				
							Bottom	2.7	1	29.1	8.0	20.8	7.2	105.4	5.6	7.0	7.3	4.8	7.0
									2	29.1	8.0	20.8	7.3	105.8	5.6	6.9			

Remarks for Sea Condition: Calm: < 1.25 m wave height; Moderate: 1.25 - 2.50m wave height; Rough: > 2.50m wave height

Station	TCE-WQM4
Tide	Mid-Flood

Date	Weather Condition	Sea Condition	Sampling Time	Equipment	Water Depth (m)	Water Level	Sampling depth (m)	Replicate	Water Temperature (°C)	pH	Salinity (ppt)	Dissolved Oxygen (DO) (mg/L)	DO Saturation (%)	Turbidity (NTU)	Suspended Solids (SS) (mg/L)	Depth-averaged			
																DO (mg/L)	Turbidity (NTU)	SS (mg/L)	
25/4/2018	Cloudy	Calm	14:15	YSI ProDSS (S/N: 16H104233;16H104234)	3.7	Surface	1.0	1	24.5	8.0	26.4	6.8	95.1	2.9	5.2	6.8	3.3	4.8	
								2	24.5	8.0	26.4	6.8	95.4	2.9	4.2				
							Bottom	2.7	1	24.5	8.1	26.5	7.0	96.9	3.7	5.4	7.0		
									2	24.5	8.1	26.5	7.0	97.4	3.7	4.5			
27/4/2018	Misty	Calm	16:19	YSI ProDSS (S/N: 17H105557;16H104234)	3.6	Surface	1.0	1	24.1	7.9	29.0	6.1	85.3	8.5	3.7	6.1	8.5	4.8	
								2	24.1	7.9	29.0	6.1	85.5	8.6	3.1				
							Bottom	2.6	1	24.0	7.9	29.1	6.2	86.6	8.4	6.9	6.2		
									2	24.0	7.9	29.1	6.1	86.2	8.5	5.5			
30/4/2018	Fine	Calm	06:59	YSI ProDSS (S/N: 16H104234;17H105557)	3.5	Surface	1.0	1	24.7	8.1	28.9	6.4	90.2	3.0	7.4	6.4	3.2	7.9	
								2	24.7	8.1	28.9	6.3	90.1	3.0	7.0				
							Bottom	2.5	1	24.7	8.0	28.9	6.4	90.4	3.3	9.1	6.4		
									2	24.7	8.0	28.9	6.3	90.0	3.3	8.2			
2/5/2018	Sunny	Calm	08:02	YSI ProDSS (S/N: 16H104234;17E100747)	3.4	Surface	1.0	1	25.6	8.0	27.5	6.6	94.0	3.5	5.5	6.6	3.5	5.1	
								2	25.6	8.0	27.5	6.6	94.3	3.5	5.2				
							Bottom	2.4	1	25.6	7.9	27.6	6.6	94.0	3.4	4.8	6.6		
									2	25.6	7.9	27.6	6.6	93.8	3.4	4.7			
4/5/2018	Cloudy	Moderate	08:38	YSI ProDSS (S/N: 16H104234;17E100747)	3.4	Surface	1.0	1	25.7	8.1	27.0	6.7	95.6	2.4	2.6	6.7	2.4	3.7	
								2	25.7	8.1	27.0	6.7	95.7	2.4	3.8				
							Bottom	2.4	1	25.7	8.1	27.0	6.7	95.7	2.3	4.3	6.7		
									2	25.7	8.1	27.0	6.7	96.1	2.3	4.2			
7/5/2018	Cloudy	Moderate	05:56	YSI ProDSS (S/N: 16H104234;17E100747)	3.4	Surface	1.0	1	26.4	8.1	26.7	7.8	113.0	2.4	5.7	7.8	3.4	5.7	
								2	26.4	8.1	26.7	7.8	113.0	2.4	5.1				
							Bottom	2.4	1	26.3	8.1	27.4	7.7	111.8	4.4	5.4	7.8		
									2	26.3	8.1	27.4	7.8	112.3	4.4	6.5			
9/5/2018	Cloudy	Moderate	12:33	YSI ProDSS (S/N: 17H105557;17E100747)	3.9	Surface	1.0	1	26.4	8.1	23.1	7.4	105.1	1.9	4.0	7.5	2.1	3.7	
								2	26.4	8.1	23.1	7.5	105.5	1.9	3.4				
							Bottom	2.9	1	26.4	8.0	23.1	7.3	103.3	2.3	3.8	7.3		
									2	26.4	8.0	23.1	7.3	103.1	2.3	3.7			
11/5/2018	Cloudy	Moderate	14:57	YSI ProDSS (S/N: 16H104234;17E100747)	3.9	Surface	1.0	1	25.2	8.0	27.7	6.6	94.4	3.4	7.8	6.6	4.3	8.5	
								2	25.2	8.0	27.7	6.6	94.0	3.4	7.4				
							Bottom	2.9	1	25.1	8.0	28.1	6.5	92.5	5.1	9.4	6.5		
									2	25.1	8.0	28.1	6.5	92.3	5.1	9.3			
13/5/2018	Fine	Calm	16:51	YSI ProDSS (S/N: 16H104234;17E100747)	3.2	Surface	1.0	1	27.3	8.3	20.7	9.7	137.8	4.7	11.2	9.7	5.3	11.8	
								2	27.3	8.3	20.7	9.7	137.3	4.7	11.3				
							Bottom	2.2	1	26.8	8.4	22.8	8.7	123.3	5.9	11.8	8.7		
									2	26.8	8.4	22.8	8.7	123.8	5.9	12.9			
16/5/2018	Fine	Calm	07:13	YSI ProDSS (S/N: 16H104234;17E100747)	4	Surface	1.0	1	27.1	8.0	21.5	6.5	92.2	3.1	3.7	6.5	4.7	5.6	
								2	27.1	8.0	21.5	6.5	92.6	3.1	3.7				
							Bottom	3.0	1	27.0	8.0	22.5	6.4	90.4	6.3	6.9	6.4		
									2	27.0	8.0	22.5	6.4	90.7	6.3	7.9			
18/5/2018	Sunny	Calm	08:25	YSI ProDSS (S/N: 16H104234;17E100747)	3.8	Surface	1.0	1	27.7	7.9	21.6	6.1	87.0	3.2	4.6	6.1	3.3	5.1	
								2	27.7	7.9	21.6	6.1	87.4	3.2	4.6				
							Bottom	2.8	1	27.7	7.9	21.6	6.1	87.5	3.3	5.3	6.1		
									2	27.7	7.9	21.6	6.1	87.8	3.3	5.9			
21/5/2018	Sunny	Calm	10:36	YSI ProDSS (S/N: 16H104234;17E100747)	3.8	Surface	1.0	1	28.6	8.0	19.9	6.4	91.7	5.3	5.9	6.4	5.3	5.7	
								2	28.6	8.0	19.9	6.4	91.9	5.3	5.7				
							Bottom	2.8	1	28.6	8.0	19.9	6.4	91.5	5.3	6.4	6.4		
									2	28.6	8.0	19.9	6.3	91.2	5.3	4.9			

Remarks for Sea Condition: Calm: < 1.25 m wave height; Moderate: 1.25 - 2.50m wave height; Rough: > 2.50m wave height



Annex C4

## Graphical Presentation of Water Quality Monitoring Results

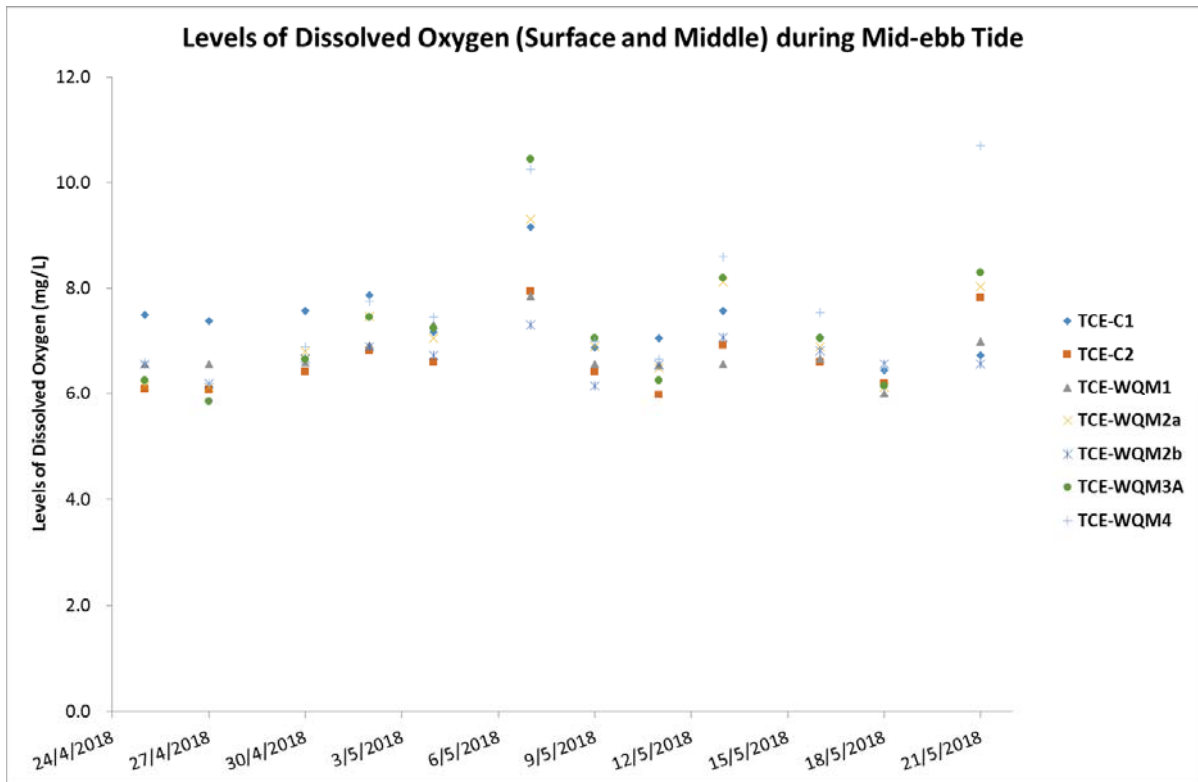


Figure 1: Levels of Dissolved Oxygen (Surface and Middle) (mg/L) recorded at Mid-ebb Tide during the Baseline Water Quality Monitoring between 25 April and 21 May 2018

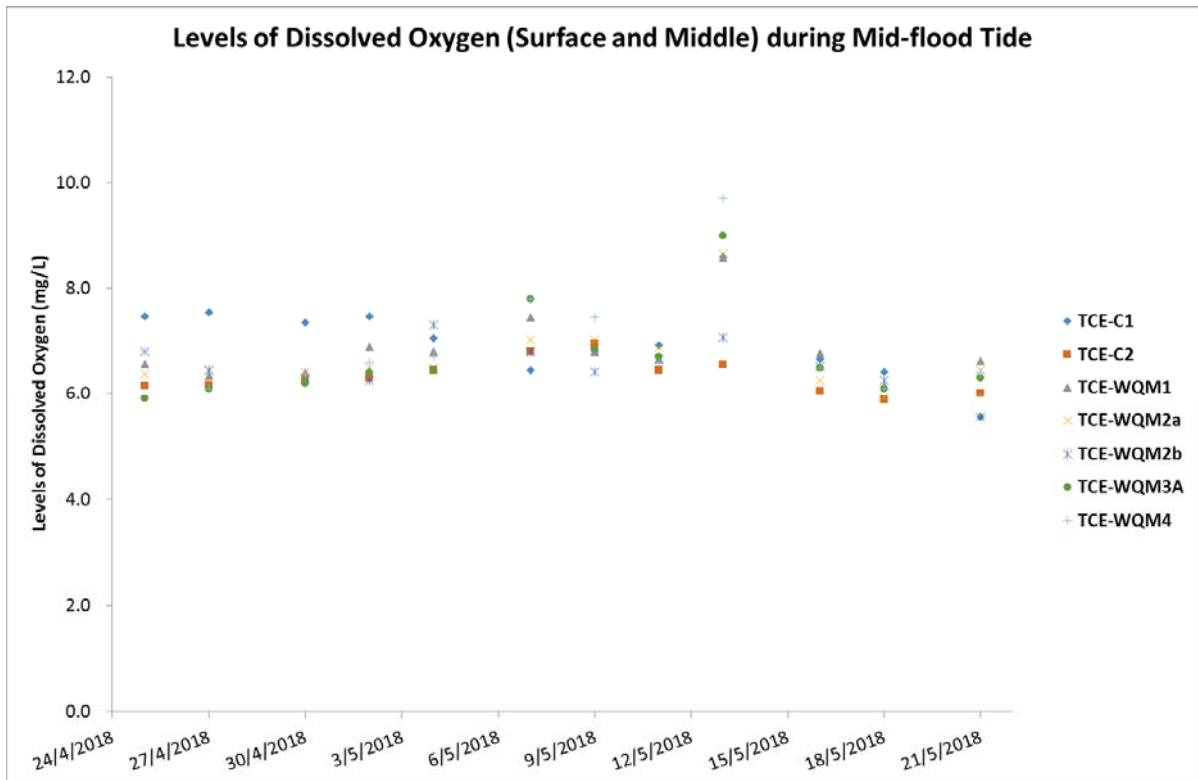


Figure 2: Levels of Dissolved Oxygen (Surface and Middle) (mg/L) recorded at Mid-flood Tide during the Baseline Water Quality Monitoring between 25 April and 21 May 2018

Source: P:\Projects\0445700 CEDD ET for Tung Chung\JT\02\_Deliverable\08 Baseline Monitoring Report\Annex

Date: May 2018

**Environmental  
Resources  
Management**



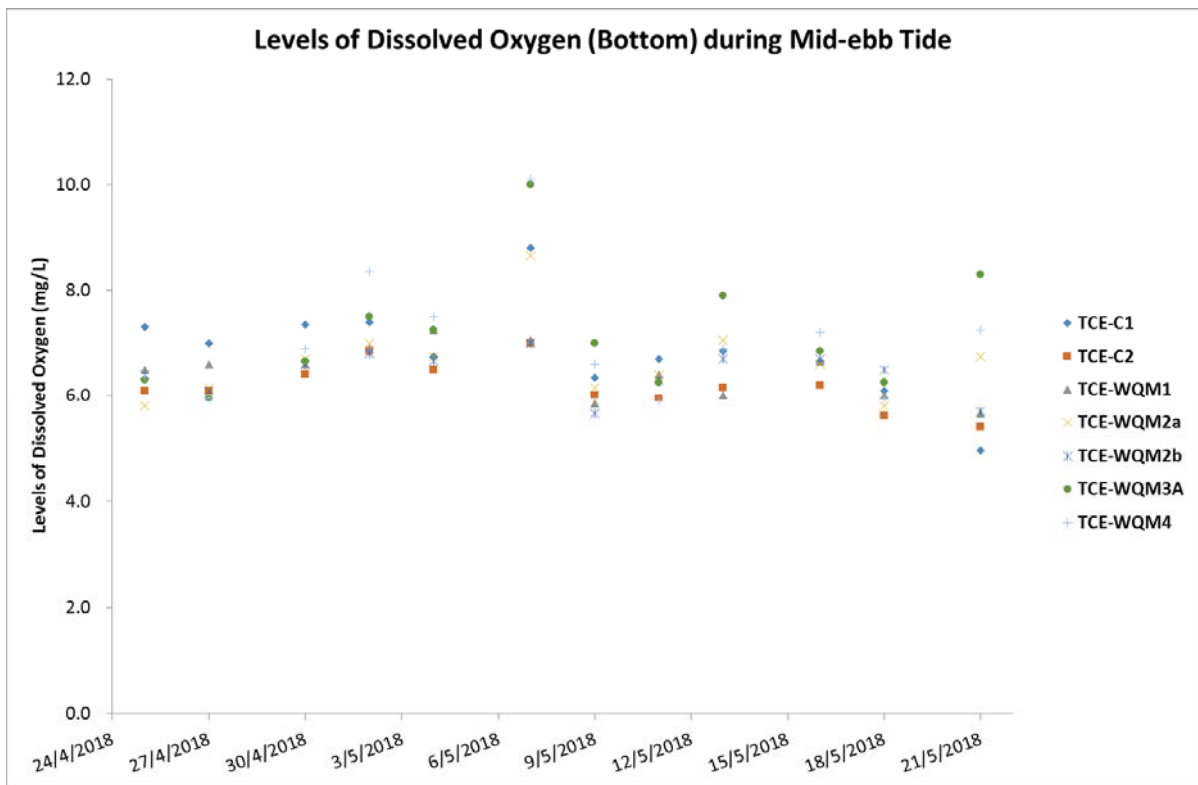


Figure 3: Levels of Dissolved Oxygen (Bottom) (mg/L) recorded at Mid-ebb Tide during the Baseline Water Quality Monitoring between 25 April and 21 May 2018

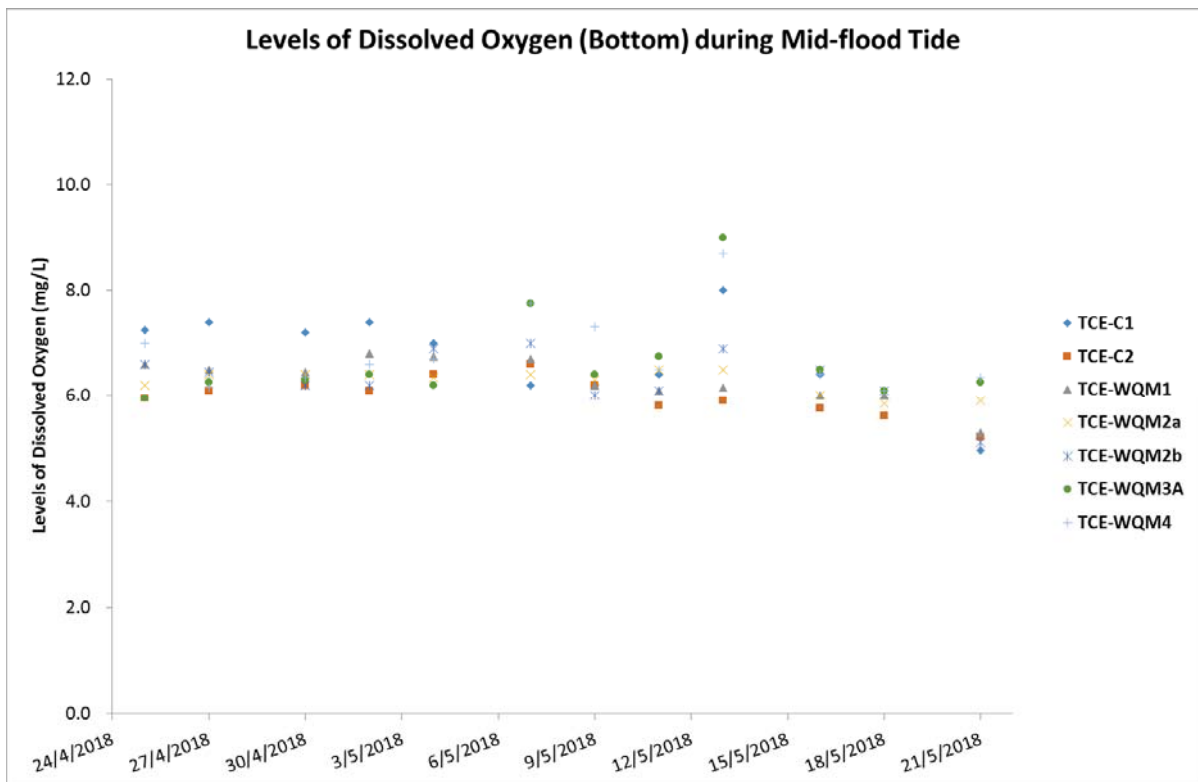


Figure 4: Levels of Dissolved Oxygen (Bottom) (mg/L) recorded at Mid-flood Tide during the Baseline Water Quality Monitoring between 25 April and 21 May 2018

Source: P:\Projects\0445700 CEDD ET for Tung Chung.JT\02\_Deliverable\08 Baseline Monitoring Report\Annex

Date: May 2018

**Environmental  
Resources  
Management**



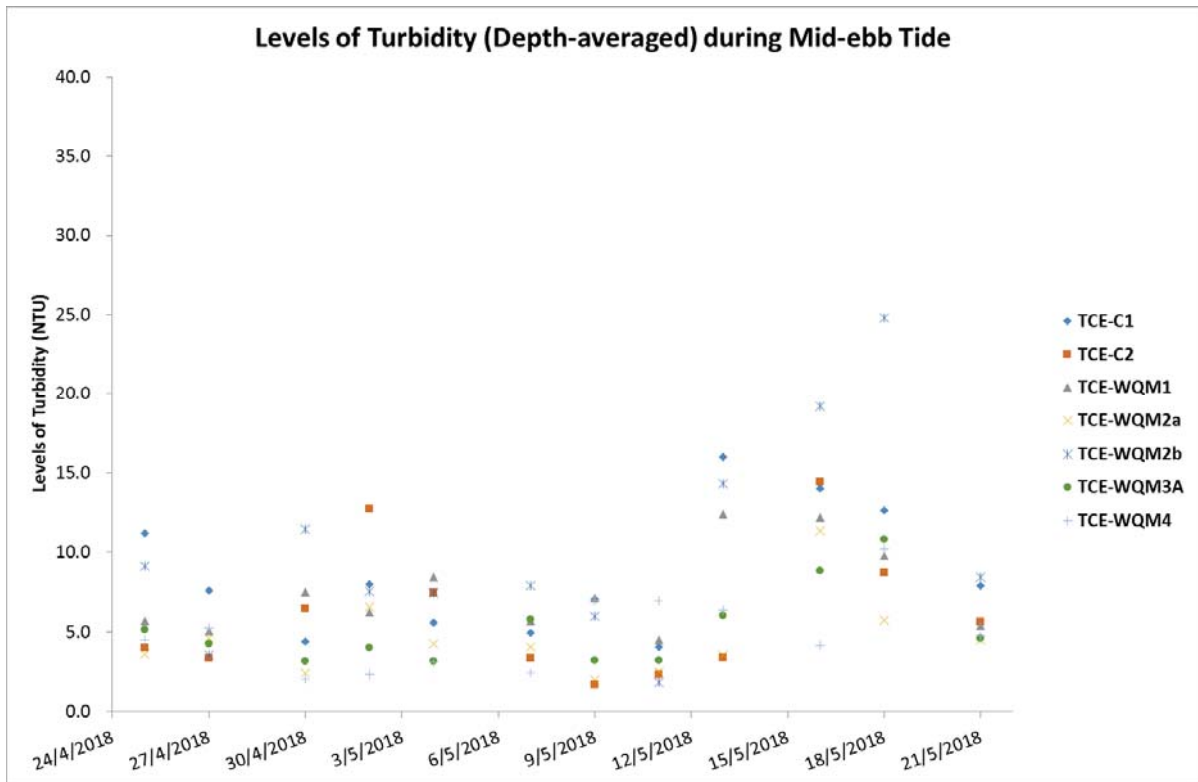


Figure 5: Levels of Turbidity (Depth-averaged) (NTU) recorded at Mid-ebb Tide during the Baseline Water Quality Monitoring between 25 April and 21 May 2018

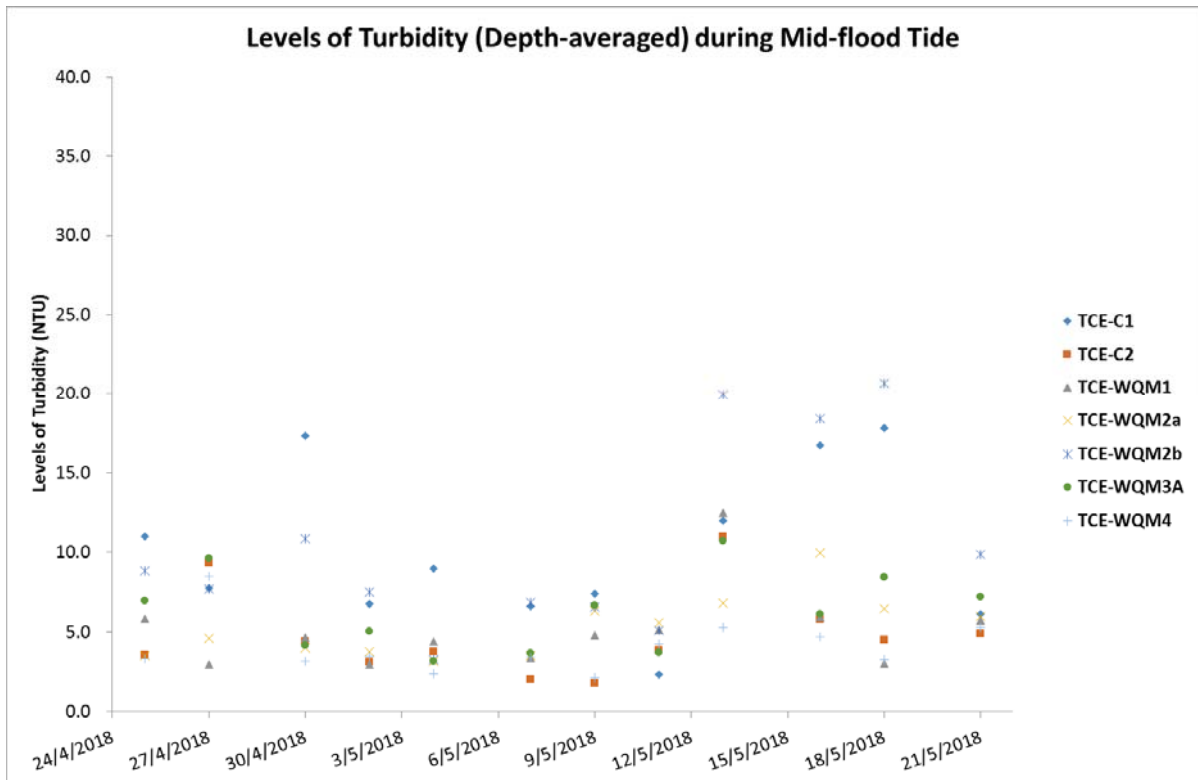


Figure 6: Levels of Turbidity (Depth-averaged) (NTU) recorded at Mid-flood Tide during the Baseline Water Quality Monitoring between 25 April and 21 May 2018

Source: P:\Projects\0445700 CEDD ET for Tung Chung\JT\02\_Deliverable\08 Baseline Monitoring Report\Annex

Date: May 2018

**Environmental  
Resources  
Management**



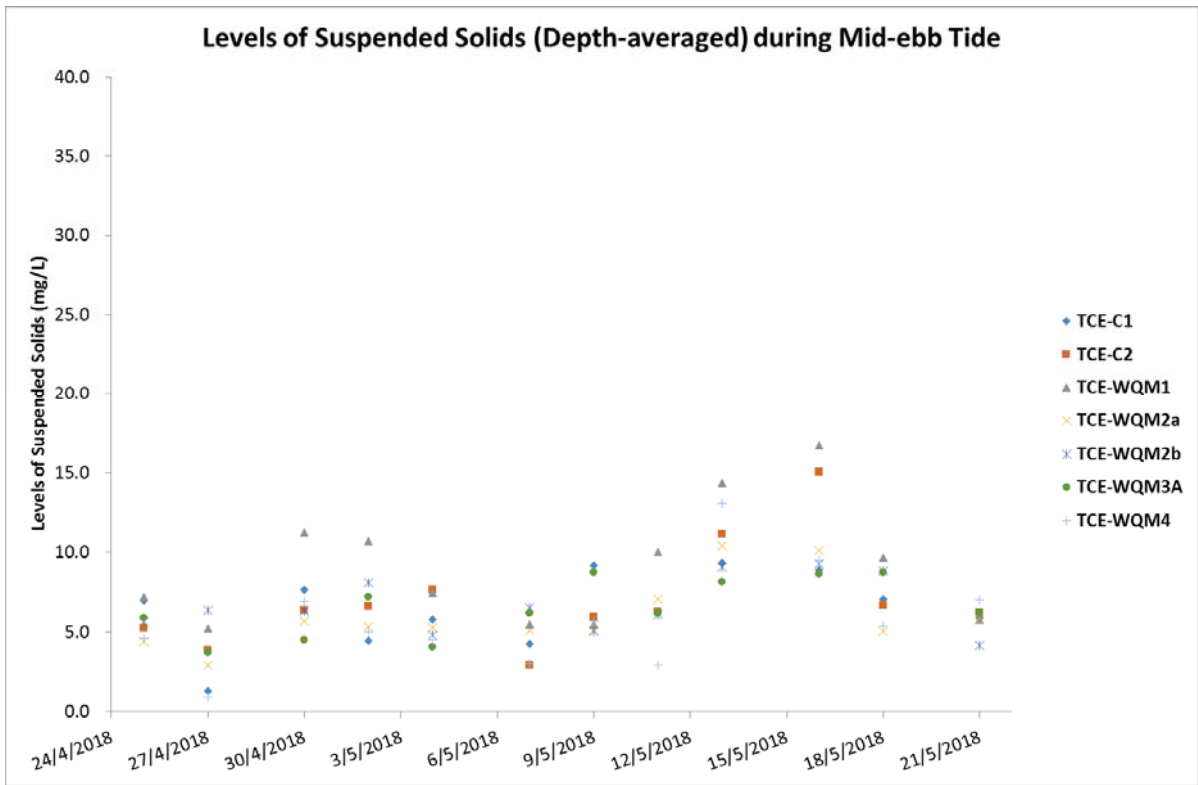


Figure 7: Levels of Suspended Solids (Depth-averaged) (mg/L) recorded at Mid-ebb Tide during the Baseline Water Quality Monitoring between 25 April and 21 May 2018

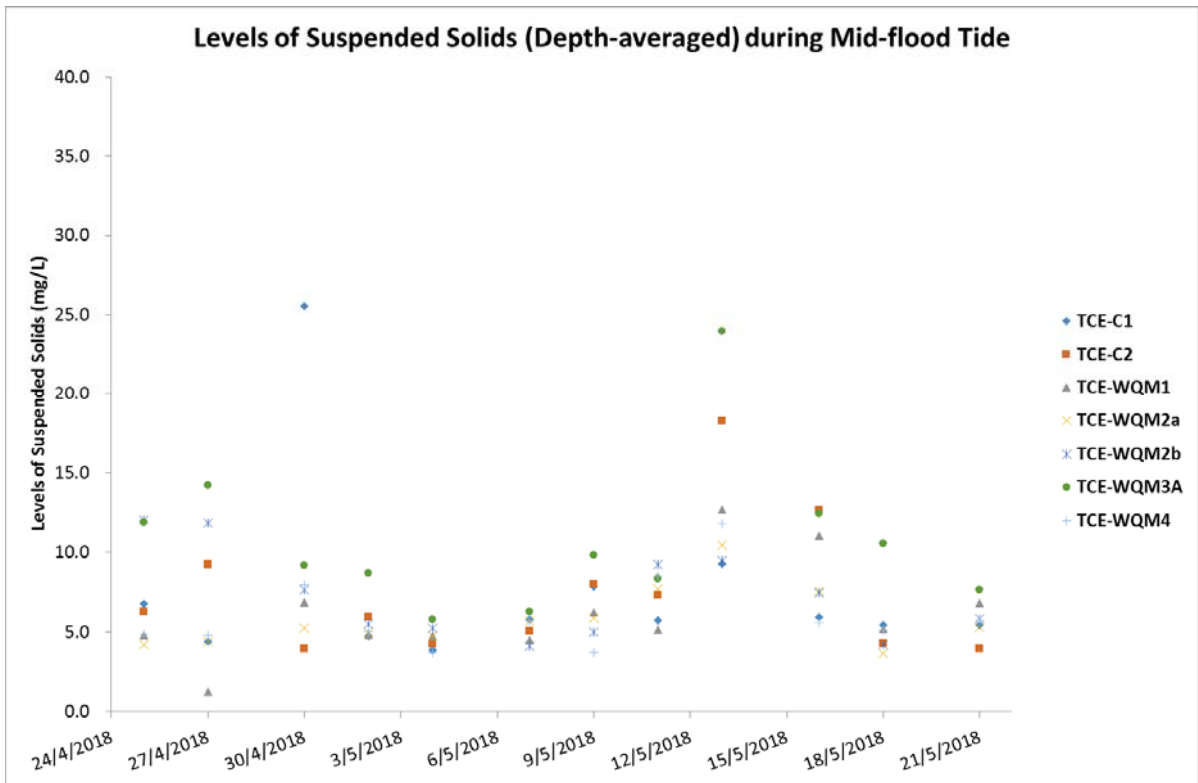


Figure 8: Levels of Suspended Solids (Depth-averaged) (mg/L) recorded at Mid-flood Tide during the Baseline Water Quality Monitoring between 25 April and 21 May 2018

Source: P:\Projects\0445700 CEDD ET for Tung Chung.JT\02\_Deliverable\08 Baseline Monitoring Report\Annex

Date: May 2018

**Environmental  
Resources  
Management**



Annex D

## Soft Shore Ecology

Annex D1

## Raw Data for Qualitative Walk-through Survey

Group	Species	TCB1			TCB2			TCB3			THW			
		H	M	L	H	M	L	H	M	L	H	M	L	
Algae	<i>Enteromorpha</i> spp.	++			++	++	+	++						
Barnacle	<i>Balanus amphitrite</i>	++	+	+	++	+	+	++	+	+				+
Bivalve	<i>Anomalocardia squamosa</i>			+										
Bivalve	<i>Barbatia virescens</i>				+					+				
Bivalve	<i>Circe</i> sp.					+		+						+
Bivalve	<i>Coecella chinensis</i>			+										
Bivalve	<i>Cyclina sinensis</i>												+	+
Bivalve	<i>Ervilia</i> sp.												+	+
Bivalve	<i>Geloina erosa</i>	+	+					+		+	++	+	+	+
Bivalve	<i>Glauconome chinensis</i>									+				
Bivalve	<i>Gafrarium tumidum</i>									+				
Bivalve	<i>Hiatula diphos</i>											+	+	
Bivalve	<i>Laternula anatina</i>				+	+	+	+	+					
Bivalve	<i>Meretrix meretrix</i>							+						
Bivalve	<i>Saccostrea cucullata</i>	++	++	++	++	++	++	++	++	++	+	+	+	+
Bivalve	<i>Septifer virgatus</i>	+	+	+					+					
Bivalve	<i>Tapes variegatus</i>			+						+				
Crab	<i>Hemigrapsus sanguineus</i>	+	+							+		+	+	+
Crab	<i>Ilyoplax</i> spp.													+
Crab	<i>Macrophthalmus</i> sp.		+	+	+	+	+		+	+	+	+	+	+
Crab	<i>Metapalax longipes</i>													+
Crab	<i>Metapograpus frontalis</i>		+	+	+	+	+		+	+	+	+	+	+
Crab	<i>Parasesarma pictum</i>											+	+	
Crab	<i>Perisesarma bidens</i>		+		+	+	+		+			+	+	+
Crab	<i>Scopimera globosa</i>												+	+
Crab	<i>Uca borealis</i>												+	+
Crab	<i>Uca lactea</i>	++	++		++	++	++	++	++	++	++	++	++	++
Crab	<i>Uca paradossumieri</i>											+		
Crab	<i>Varuna litterata</i>												+	
Fish	<i>Terapon jarbua</i>											+	+	+
Fish	<i>Periophthalmus cantonensis</i>	+	+		+	+	+	+	+			+	+	+
Gastropod	<i>Batillaria multiformis</i>	++	++	++	++	++	++	++	++	++	++	++	++	++
Gastropod	<i>Batillaria zonalis</i>	+	+	+	+	+	+	+	+	+	++	++	++	++
Gastropod	<i>Cellana grata</i>	+	+	+		+	+		+	+	+			+
Gastropod	<i>Cerithidea cingulata</i>		+	+		+	+		+	+	++	++	++	++
Gastropod	<i>Cerithidea diadjariensis</i>										++	++	++	++
Gastropod	<i>Cerithidea microptera</i>										+	+	+	
Gastropod	<i>Chlorostoma argyrostoma</i>													
Gastropod	<i>Clithon</i> spp.	+	+	+	+	+	+	+	+	+	+	+	+	+
Gastropod	<i>Littoraria articulata</i>	++	+	+	++	+	+	++	+	+	+	+	+	+
Gastropod	<i>Littoraria melanostoma</i>	+			+	+	+	+	+	+	+			
Gastropod	<i>Lunella coronata</i>	+	+	+			+	+	+	+				
Gastropod	<i>Mitra</i> sp.												+	
Gastropod	<i>Monodonta labio</i>	+	++	+	+	++	+		++	+				
Gastropod	<i>Nassarius festivus</i>			+	+	+	+						+	+
Gastropod	<i>Nerita polita</i>		+	+		+	+		+	+			+	+
Gastropod	<i>Nipponacmea concinna</i>		+	+						+				
Gastropod	<i>Patelloida pygmaea</i>		+							+				
Gastropod	<i>Peasiella</i> spp.					+								
Gastropod	<i>Planaxis sulcatus</i>	+	+		+	+				+	+			
Gastropod	<i>Terebralia sulcata</i>	+	+	+	+	+		+	+	+	+	+	+	+
Hermit Crab	<i>Clibanarius</i> sp.		+	+	+	+	+		+	+				
Horseshoe Crab	<i>Carcinoscorpius rotundicauda</i>												+	+
Horseshoe Crab	<i>Tachypleus tridentatus</i>		+	+						+	+		+	+
Sea Slater	<i>Ligia oceanica</i>											+		
Seaslug	<i>Onchidium</i> sp.								+					
Seaweed	<i>Ulva</i> sp.				+	+								
Worm	<i>Ampharetidae</i> sp.								+					
Worm	<i>Ceratonereis</i> sp.	+	+											+
Worm	<i>Echiura</i> spp.													
Worm	<i>Oligochaete</i> sp.	+	+	+		+	+							
Worm	<i>Siphonosoma</i> sp.									+	+			
Worm	<i>Sipunculus</i> sp.	+		+					+	+				
Worm	<i>Ribbon Worm</i> sp.			+										

Remarks: '+' denotes the species was relatively rare at the area;  
 ++' denotes the species was relatively abundant at the area.



Annex D2

## Raw Data for Quantitative Transect Survey

Group	Species	TCBI																	
		H1	H2	H3	H4	H5	Density (ind./m <sup>2</sup> or % cover)	M1	M2	M3	M4	M5	Density (ind./m <sup>2</sup> or % cover)	L1	L2	L3	L4	L5	Density (ind./m <sup>2</sup> or % cover)
Algae	<i>Enteromorpha</i> spp.																		
Barnacle	<i>Balanus amphitrite</i>					<5%	<5%	<5%	<5%	<5%			<5%	<5%			<5%	<5%	<5%
Bivalve	<i>Anomalocardia squamosa</i>																1		0.8
Bivalve	<i>Barbatia virescens</i>																		
Bivalve	<i>Circe</i> sp.																		
Bivalve	<i>Coecella chinensis</i>															2			1.6
Bivalve	<i>Cyclina sinensis</i>																		
Bivalve	<i>Ervilia</i> sp.																		
Bivalve	<i>Geloina erosa</i>	3	2	1	3		7.2	4	1				4.0						
Bivalve	<i>Glaucanome chinensis</i>																		
Bivalve	<i>Gafrarium tumidum</i>																		
Bivalve	<i>Hiatula diphos</i>																		
Bivalve	<i>Laternula anatina</i>																		
Bivalve	<i>Meretrix meretrix</i>																		
Bivalve	<i>Saccostraea cucullata</i>	<5%	<5%			<5%	<5%	<5%	<5%	<5%	<5%	<5%	<5%	25%	40%	60%	<5%	10%	27%
Bivalve	<i>Septifer virgatus</i>					<5%	<5%	<5%	<5%	<5%	<5%		<5%	<5%				<5%	<5%
Bivalve	<i>Tapes variegatus</i>																	1	0.8
Crab	<i>Hemigrapsus sanguineus</i>		1				0.8	3		1			3.2						
Crab	<i>Ilyoplax</i> spp.																		
Crab	<i>Macrophthalmus</i> sp.																		
Crab	<i>Metaplax longipes</i>																		
Crab	<i>Metapograpus frontalis</i>																		
Crab	<i>Parasesarma pictum</i>																		
Crab	<i>Perisesarma bidens</i>																		
Crab	<i>Scopinera globosa</i>																		
Crab	<i>Uca borealis</i>																		
Crab	<i>Uca lactea</i>	1			1		1.6												
Crab	<i>Uca paradussumieri</i>																		
Crab	<i>Varuna litterata</i>																		
Fish	<i>Terapon jarbua</i>																		
Fish	<i>Periophthalmus cantonensis</i>																		
Gastropod	<i>Batillaria multiformis</i>	119	418	216	392	375	1216.0	50	24	14	65	74	181.6	14	15		45	45	95.2
Gastropod	<i>Batillaria zonalis</i>		3	9			9.6				22		17.6			2	40	21	50.4
Gastropod	<i>Cellana grata</i>					2	1.6		1			1	1.6		1				
Gastropod	<i>Cerithidea cingulata</i>							86	75	44	11	31	197.6						
Gastropod	<i>Cerithidea diadjarjensis</i>																		
Gastropod	<i>Cerithidea microptera</i>																		
Gastropod	<i>Chlorostoma argyrostoma</i>																		
Gastropod	<i>Clithon</i> spp.		6	4		5	12.0				2		1.6					5	4.0
Gastropod	<i>Littoraria articulata</i>								13	1	1		12.0						
Gastropod	<i>Littoraria melanostoma</i>																		
Gastropod	<i>Lunella coronata</i>										2		1.6	2	1	13	1		13.6
Gastropod	<i>Mitra</i> sp.																		
Gastropod	<i>Monodonta labio</i>	3	3	1		24	24.8	9	36	8	17	3	58.4	3	1	10		6	16.0
Gastropod	<i>Nassarius festivus</i>															1			0.8
Gastropod	<i>Nerita polita</i>										1		0.8	1	1				1.6
Gastropod	<i>Nipponacmea concinna</i>										1		0.8	10	10	29			39.2
Gastropod	<i>Patelloida pygmaea</i>										1		0.8						
Gastropod	<i>Peasiella</i> spp.																		
Gastropod	<i>Planaxis sulcatus</i>																		
Gastropod	<i>Terebralia sulcata</i>																		
Hermit Crab	<i>Clibanarius</i> sp.																		
Horseshoe Crab	<i>Carcinoscorpius rotundicauda</i>																		
Horseshoe Crab	<i>Tachypleus tridentatus</i>																		
Sea Slater	<i>Ligia oceanica</i>																		
Seaslug	<i>Onchidium</i> sp.																		
Seaweed	<i>Ulva</i> sp.																		
Worm	<i>Ampharetidae</i> sp.																		
Worm	<i>Ceratonereis</i> sp.					9	7.2	1											
Worm	<i>Echiura</i> spp.																		
Worm	<i>Oligochaete</i> sp.			2	1		2.4			8	1		7.2				3		2.4
Worm	<i>Siphonosoma</i> sp.																		
Worm	<i>Sipunculus</i> sp.					4	3.2									1			0.8
Worm	<i>Ribbon Worm</i> sp.													3					2.4

Group	Species	TCB2																		
		H1	H2	H3	H4	H5	Density (ind./m <sup>2</sup> or % cover)	M1	M2	M3	M4	M5	Density (ind./m <sup>2</sup> or % cover)	L1	L2	L3	L4	L5	Density (ind./m <sup>2</sup> or % cover)	
Algae	<i>Enteromorpha</i> spp.																			
Barnacle	<i>Balanus amphitrite</i>		<5%				<5%					<5%	<5%	<5%						<5%
Bivalve	<i>Anomalocardia squamosa</i>																			
Bivalve	<i>Barbatia virescens</i>	1					0.8													
Bivalve	<i>Circe</i> sp.							2		1	2		4.0							
Bivalve	<i>Coecella chinensis</i>																			
Bivalve	<i>Cyclina sinensis</i>																			
Bivalve	<i>Ervilia</i> sp.																			
Bivalve	<i>Geloina erosa</i>																			
Bivalve	<i>Glaucanome chinensis</i>																			
Bivalve	<i>Gafrarium tumidum</i>																			
Bivalve	<i>Hiatula diplos</i>																			
Bivalve	<i>Laternula anatina</i>	1		1	2		3.2	1	1			1	2.4		2					1.6
Bivalve	<i>Meretrix meretrix</i>																			
Bivalve	<i>Saccostrea cucullata</i>								<5%		10%		<5%	<5%	<5%	<5%	<5%			<5%
Bivalve	<i>Septifer virgatus</i>																			
Bivalve	<i>Tapes variegatus</i>																			
Crab	<i>Hemigrapsus sanguineus</i>																			
Crab	<i>Ilyoplax</i> spp.																			
Crab	<i>Macrophthalmus</i> sp.																			
Crab	<i>Metaplax longipes</i>																			
Crab	<i>Metapograpus frontalis</i>																			
Crab	<i>Parasesarma pictum</i>																			
Crab	<i>Perisesarma bidens</i>																			
Crab	<i>Scopinera globosa</i>																			
Crab	<i>Uca borealis</i>																			
Crab	<i>Uca lactea</i>																			
Crab	<i>Uca paradussumieri</i>																			
Crab	<i>Varuna litterata</i>																			
Fish	<i>Terapon jarbua</i>																			
Fish	<i>Periophthalmus cantonensis</i>																			
Gastropod	<i>Batillaria multiformis</i>				2	3	4.0	18	15	25	21	85	131.2	44	150	101	50	30		300.0
Gastropod	<i>Batillaria zonalis</i>				3	1	3.2		3	5	3		8.8	5	17	20	4	3		39.2
Gastropod	<i>Cellana grata</i>								40	2			33.6							
Gastropod	<i>Cerithidea cingulata</i>							8	10	6	6	16	36.8	7	17	5	10	7		36.8
Gastropod	<i>Cerithidea diadjarimensis</i>																			
Gastropod	<i>Cerithidea microptera</i>																			
Gastropod	<i>Chlorostoma argyrostoma</i>																			
Gastropod	<i>Clithon</i> spp.				2	1	2.4													
Gastropod	<i>Littoraria articulata</i>				2		1.6		13			3	12.8							
Gastropod	<i>Littoraria melanostoma</i>								6				4.8							
Gastropod	<i>Lunella coronata</i>																			
Gastropod	<i>Mitra</i> sp.																			
Gastropod	<i>Monodonta labio</i>							1	14	6	2	3	20.8	3						2.4
Gastropod	<i>Nassarius festivus</i>				1		0.8													
Gastropod	<i>Nerita polita</i>									1		1	1.6			1				0.8
Gastropod	<i>Nipponacmea concinna</i>																			
Gastropod	<i>Patelloida pygmaea</i>																			
Gastropod	<i>Peasiella</i> spp.																			
Gastropod	<i>Planaxis sulcatus</i>																			
Gastropod	<i>Terebralia sulcata</i>																			
Hermit Crab	<i>Clibanarius</i> sp.										1		0.8							
Horseshoe Crab	<i>Carcinoscorpius rotundicauda</i>																			
Horseshoe Crab	<i>Tachypleus tridentatus</i>																			
Sea Slater	<i>Ligia oceanica</i>																			
Seaslug	<i>Onchidium</i> sp.																			
Seaweed	<i>Ulva</i> sp.									<5%	<5%		<5%							
Worm	<i>Ampharetidae</i> sp.								2				1.6							
Worm	<i>Ceratonereis</i> sp.																			
Worm	<i>Echiura</i> spp.																			
Worm	<i>Oligochaete</i> sp.								1				0.8					8		6.4
Worm	<i>Siphonoma</i> sp.																			
Worm	<i>Sipunculus</i> sp.																			
Worm	<i>Ribbon Worm</i> sp.																			

Group	Species	TCB3																		
		H1	H2	H3	H4	H5	Density (ind./m <sup>2</sup> or % cover)	M1	M2	M3	M4	M5	Density (ind./m <sup>2</sup> or % cover)	L1	L2	L3	L4	L5	Density (ind./m <sup>2</sup> or % cover)	
Algae	<i>Enteromorpha</i> spp.	<5%	<5%	50%			10%													
Barnacle	<i>Balanus amphitrite</i>									<5%	<5%		<5%					<5%		<5%
Bivalve	<i>Anomalocardia squamosa</i>																			
Bivalve	<i>Barbatia virescens</i>										1		0.8				2	2		3.2
Bivalve	<i>Circe</i> sp.				1	1	1.6													
Bivalve	<i>Coecella chinensis</i>																			
Bivalve	<i>Cyclina sinensis</i>																			
Bivalve	<i>Ervilia</i> sp.										1		0.8							
Bivalve	<i>Geloina erosa</i>	4	1				4.0							6					4	8.0
Bivalve	<i>Glaucanome chinensis</i>													5	3	1	1	1		8.8
Bivalve	<i>Gafrarium tumidum</i>														2					1.6
Bivalve	<i>Hiatula diplos</i>																			
Bivalve	<i>Laternula anatina</i>				1	1	1.6					1	0.8							
Bivalve	<i>Meretrix meretrix</i>						0.8													
Bivalve	<i>Saccostrea cucullata</i>	<5%	<5%	10%	10%		<5%	<5%	<5%	<5%			<5%	20%	10%	5%	10%	5%		10%
Bivalve	<i>Septifer virgatus</i>									<5%	<5%		<5%							
Bivalve	<i>Tapes variegatus</i>																1			0.8
Crab	<i>Hemigrapsus sanguineus</i>										1		0.8							
Crab	<i>Ilyoplax</i> spp.																			
Crab	<i>Macrophthalmus</i> sp.																			
Crab	<i>Metaplax longipes</i>																			
Crab	<i>Metapograpus frontalis</i>																			
Crab	<i>Parasesarma pictum</i>																			
Crab	<i>Perisesarma bidens</i>																			
Crab	<i>Scopinera globosa</i>																			
Crab	<i>Uca borealis</i>																			
Crab	<i>Uca lactea</i>																			
Crab	<i>Uca paradussumieri</i>																			
Crab	<i>Varuna litterata</i>																			
Fish	<i>Terapon jarbua</i>																			
Fish	<i>Periophthalmus cantonensis</i>								<5%				<5%							
Gastropod	<i>Batillaria multiformis</i>	462	401	433	150	779	1780.0	101	82	167	315	262	741.6	38	21	19	45	18		112.8
Gastropod	<i>Batillaria zonalis</i>			41	34		60.0													
Gastropod	<i>Cellana grata</i>							6	6	6	19	13	40.0							
Gastropod	<i>Cerithidea cingulata</i>									3	1		3.2			1				0.8
Gastropod	<i>Cerithidea diadjarjensis</i>																			
Gastropod	<i>Cerithidea microptera</i>																			
Gastropod	<i>Chlorostoma argyrostoma</i>																			
Gastropod	<i>Clithon</i> spp.	2			1	4	5.6		2	4	1	4	8.8							
Gastropod	<i>Littoraria articulata</i>			14	3	7	19.2	2	3		2		5.6							
Gastropod	<i>Littoraria melanostoma</i>			2			1.6		1				0.8							
Gastropod	<i>Lunella coronata</i>		1				0.8	3	1	3	3	5	12.0	9	6	1	3	5		19.2
Gastropod	<i>Mitra</i> sp.																			
Gastropod	<i>Monodonta labio</i>							1	8	3	29	9	40.0	3			5	20		22.4
Gastropod	<i>Nassarius festivus</i>										1		0.8							
Gastropod	<i>Nerita polita</i>							3	2				4.0	1	2			1		3.2
Gastropod	<i>Nipponacmea concinna</i>																		1	0.8
Gastropod	<i>Patelloida pygmaea</i>											1	0.8					3	6	7.2
Gastropod	<i>Peasiella</i> spp.																			
Gastropod	<i>Planaxis sulcatus</i>																		1	0.8
Gastropod	<i>Terebralia sulcata</i>																			
Hermit Crab	<i>Clibanarius</i> sp.																			
Horseshoe Crab	<i>Carcinoscorpius rotundicauda</i>																			
Horseshoe Crab	<i>Tachypleus tridentatus</i>																			
Sea Slater	<i>Ligia oceanica</i>																			
Seaslug	<i>Onchidium</i> sp.								1				0.8							
Seaweed	<i>Ulva</i> sp.																			
Worm	<i>Ampharetidae</i> sp.								3				2.4							
Worm	<i>Ceratonereis</i> sp.																			
Worm	<i>Echiura</i> spp.																			
Worm	<i>Oligochaete</i> sp.										3		2.4							
Worm	<i>Siphonoma</i> sp.										5		4.0	2						
Worm	<i>Sipunculus</i> sp.										5	3	6.4	4					4	6.4
Worm	Ribbon Worm sp.																			

Group	Species	THW																		
		H1	H2	H3	H4	H5	Density (ind./m <sup>2</sup> or % cover)	M1	M2	M3	M4	M5	Density (ind./m <sup>2</sup> or % cover)	L1	L2	L3	L4	L5	Density (ind./m <sup>2</sup> or % cover)	
Algae	<i>Enteromorpha</i> spp.																			
Barnacle	<i>Balanus amphitrite</i>														<5%				<5%	<5%
Bivalve	<i>Anomalocardia squamosa</i>																			
Bivalve	<i>Barbatia virescens</i>																			
Bivalve	<i>Circe</i> sp.																		2	1.6
Bivalve	<i>Coecella chinensis</i>																			
Bivalve	<i>Cyclina sinensis</i>										1			0.8	2		2		1	4.0
Bivalve	<i>Ervilia</i> sp.											1		0.8	1	1		3	4	7.2
Bivalve	<i>Geloina erosa</i>	11	16	12	8	6	42.4	4	1	4	1			8.0	2	1				2.4
Bivalve	<i>Glaucanome chinensis</i>																			
Bivalve	<i>Gafrarium tumidum</i>																			
Bivalve	<i>Hiatula diplos</i>				1		0.8			3				2.4						
Bivalve	<i>Laternula anatina</i>																			
Bivalve	<i>Meretrix meretrix</i>																			
Bivalve	<i>Saccostrea cucullata</i>		<5%		<5%	<5%	<5%		<5%		<5%			<5%			<5%		<5%	<5%
Bivalve	<i>Septifer virgatus</i>																			
Bivalve	<i>Tapes variegatus</i>																			
Crab	<i>Hemigrapsus sanguineus</i>																			
Crab	<i>Ilyoplax</i> spp.														1			1		1.6
Crab	<i>Macrophthalmus</i> sp.																			
Crab	<i>Metaplax longipes</i>																1		1	1.6
Crab	<i>Metapograpus frontalis</i>																			
Crab	<i>Parasesarma pictum</i>				1	1	1.6				1			0.8						
Crab	<i>Perisesarma bidens</i>																			
Crab	<i>Scopinera globosa</i>								1					0.8	1					0.8
Crab	<i>Uca borealis</i>								2	2				3.2			1			0.8
Crab	<i>Uca lactea</i>		1				0.8													
Crab	<i>Uca paradussumieri</i>				1		1.6													
Crab	<i>Varuna litterata</i>										1			0.8						
Fish	<i>Terapon jarbua</i>																			
Fish	<i>Periophthalmus cantonensis</i>																			
Gastropod	<i>Batillaria multiformis</i>					1	19				8			6.4		5	10			12.0
Gastropod	<i>Batillaria zonalis</i>		1	1	16	37	44.0	6	9	30	29	18		73.6	1	19	19	29	46	91.2
Gastropod	<i>Cellana grata</i>				2		1.6									1				0.8
Gastropod	<i>Cerithidea cingulata</i>			1			0.8			20	2		37	47.2	21	1		28		40.0
Gastropod	<i>Cerithidea diadjarjensis</i>	7	8		96	25	108.8	35	37	21	12	54		127.2	29	9	16	27	10	72.8
Gastropod	<i>Cerithidea microptera</i>	5			18		18.4	3						2.4					2	1.6
Gastropod	<i>Chlorostoma argyrostoma</i>																			
Gastropod	<i>Clithon</i> spp.										1	1		1.6	3	1				3.2
Gastropod	<i>Littoraria articulata</i>																			
Gastropod	<i>Littoraria melanostoma</i>																			
Gastropod	<i>Lunella coronata</i>																			
Gastropod	<i>Mitra</i> sp.									1				0.8						
Gastropod	<i>Monodonta labio</i>																			
Gastropod	<i>Nassarius festivus</i>										2			1.6						
Gastropod	<i>Nerita polita</i>																			
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Worm	<i>Ampharetidae</i> sp.																			
Worm	<i>Ceratonereis</i> sp.														8			3		8.8
Worm	<i>Echiura</i> spp.																			
Worm	<i>Oligochaete</i> sp.																			
Worm	<i>Siphonosoma</i> sp.			1			0.8													
Worm	<i>Sipunculus</i> sp.																			
Worm	<i>Ribbon Worm</i> sp.																			