NOISE ASSESSMENT

Enfield Farm Anaerobic Digestion Facility
Prepared for: Gorst Energy Ltd.

SLR Ref: 416.06679.00006
Version No: 2
August 2021

BASIS OF REPORT

CONTENTS

1.0 EXECUTIVE SUMMARY 3
1.1 The Application 3
1.2 The Assessment 3
1.3 The Impact 3
2.0 INTRODUCTION 4
2.0 CONSULTATION AND GUIDANCE 5
3.1 BS4142:2014+A1:2019 Assessment 5
4.0 BASELINE NOISE ENVIRONMENT 7
4.1 Survey Equipment 7
4.2 Sound Parameters 7
4.3 Monitoring Location 9
4.4 Results 10
2.0 NOISE MODEL ASSUMPTIONS 12
5.1 Noise Model Assumptions 12
2.0 NOISE ASSESSMENT 13
6.1 Specific Sound Level 13
6.2 Sound Characteristics 14
6.3 Assessment Results 15
2.0 CONCLUSION 16

DOCUMENT REFERENCES

TABLES

Table 4-1 Survey Equipment 7
Table 4-2 Location 1: Bungalow – BS4142:2014+A1:2019 Assessment Results 10
Table 4-3 Location 2: Rugby Club – BS4142:2014+A1:2019 Assessment Results 10
Table 4-4 Location 3: Travellers Site – BS4142:2014+A1:2019 Assessment Results 11
Table 4-5 Location 4: Opposite Site Entrance – BS4142:2014+A1:2019 Assessment Results 11
Table 4-6 Location 5: Bungalow on Site Access – BS4142:2014+A1:2019 Assessment Results 11

Table 5-1 HGV Noise Source - dB 12

Table 6-1 Predicted Specific Sound Levels of Proposed Additional HGV Movements, Free Field dB 13

Table 6-2 BS4142:2014+A1:2019 Assessment 15

FIGURES

Figure 4-1 Noise Survey Locations..... 9

Figure 6-1 HGV Specific Sound Level dB(A) 14

APPENDICES

Appendix 01: Conditions Referenced in Report
Appendix 02: Glossary of Terminology
Appendix 03: Noise Pre-App Letter
Appendix 04: Survey Results

1.0 Executive Summary

1.1 The Application

Gorst Energy Limited has appointed SLR Consulting Limited (SLR) to prepare a Noise Assessment to support its proposed variation of existing planning permissions relating to the Anaerobic Digestion (AD) facility at Enfield Farm, Clyst St. Mary (the Site). The variations are required to increase renewable energy generation at the Site through the importation of increased volumes of feedstock. The increased throughput would also result in an increase in output of digestate that needs to be removed by road.

The variations, if permitted, would allow for an additional three HGV movements per hour during the day on the Access Road from Oil Mill Lane to the Digester. This is the same as the previous application that was refused on appeal; in his Appeal Decision the Inspector identified impact on the amenity of local residents due to noise from the increase in traffic as a matter of concern. The noise impact of these additional movements is presented in this Report.

1.2 The Assessment

SLR has assessed the noise impact of all commercial noise operations at the Site in accordance with BS 4142:2014+A1:2019 Methods for rating and assessing industrial and commercial sound, a methodology agreed with the Environmental Health Officer at East Devon District Council (EDDC).

1.3 The Impact

The results of the assessment indicate that mitigation is not required as the noise impact of the additional HGV movements is at worst low, with the most affected Receptor being the Bungalow adjacent to the Site Access. However, even at this Receptor the impact would not be significant, and the proposed increase in HGV movements would not have a detrimental noise impact upon the noise environment at this Location.

2.0 Introduction

Gorst Energy Limited has appointed SLR Consulting Limited (SLR) to prepare a Noise Assessment to support its proposed variation of existing planning permissions relating to the Anaerobic Digestion (AD) facility at Enfield Farm, Clyst St. Mary (the Site). The variations are required to increase renewable energy generation at the Site through the importation of increased volumes of feedstock. The increased throughput would also result in an increase in output of digestate that needs to be removed by road.

The variations, if permitted, would allow for an additional three HGV movements per hour during the day on the Access Road from Oil Mill Lane to the Digester. This is the same increase as the previous application. The Inspector's appeal decision into a previous application for similar development[1] identified impact on the amenity of local residents due to noise from the increase in traffic as a matter of concern. The noise impact of these additional movements is presented in this Report.

The quantity of feedstock inputs and digestate outputs to the Site is controlled by conditions attached to two planning permissions; the planning permissions relate to slightly different operational areas of the Site and therefore it is necessary to apply to vary both permissions. This Report has therefore been prepared in support of two Section 73 planning applications to vary Condition 5 and Part I of Condition 7 of permission 15/1512/FUL, and similar conditions that are attached to permission 17/0650/VAR. The Conditions are reproduced in Appendix 01.

This Report is structured as follows:

Section 3 - Consultation and Guidance.

Section 4 - Baseline noise environment.

Section 5 - Noise model assumptions

Section 6 – Noise assessment

Section 7 - Conclusion.

Whilst reasonable effort has been made to ensure that this report is easy to understand, it is technical in nature; to assist the reader, a glossary of terminology is included in Appendix 02.

[1] Appeal Ref: APP/U1105/W/19/3234261

3.0 Consultation and Guidance

Prior to completing this assessment a Pre-Application Advice Request was submitted to East Devon District Council (EDDC). A copy of the Noise Letter submitted with this Request is included at Appendix 03.

In summary the methodology proposed in the Letter is detailed below:

> The methodology presented in Condition 10 of permission 15/1473/VAR and permission 17/0650/VAR (copied in Appendix 01) should not be applied to the assessment of traffic noise on the Access Road.
>
> The appropriate guidance to apply to this assessment is that presented in British Standard (BS) 4142:2014+A1:2019 Methods for rating industrial and commercial sound.
>
> The additional traffic on the access road would be assessed against a 2021 measured baseline background survey.
>
> In accordance with BS 4142:2014+A1:2019 a character correction of 6dB will be applied to account for "other sound characteristics" and "intermittency" of movements.
>
> A rating level of 5dB(A) above the baseline background sound level would be considered acceptable.

In email correspondence dated 1st July 2021 the Environmental Health Officer stated:

"Having reviewed the submitted documentation I agree that the most appropriate guidance to use for assessing the noise impact of the access road, is British Standard 4142:2014+A1:2019 Methods for rating industrial and commercial sound.

I am satisfied with the suggested baseline background methodology, the identified character corrections and the general scope of the assessment".

3.1 BS4142:2014+A1:2019 Assessment

SLR has assessed the noise impact of all commercial noise operations at the Site in accordance with BS 4142:2014+A1:2019 Methods for rating and assessing industrial and commercial sound.

BS4142:2014+A1:2019 is intended to be used to assess the potential adverse impact of sound, of an industrial and/or commercial nature, at nearby sensitive receptor locations within the context of the existing sound environment.

The scope of the guidance excludes the following noise sources:

> recreational activities, including all forms of motorsport.
>
> music and other entertainment.
>
> shooting grounds.
>
> construction and demolition.
>
> domestic animals.
>
> people.
>
> public address systems for speech.
>
> other sources falling within the scopes of other standards or guidance.

Where the specific sound contains tonality, impulsivity and/or other sound characteristics, penalties should be applied depending on the perceptibility. For tonality a correction of either 0, 2, 4 or 6dB should be added; for

impulsivity a correction of either 0, 3, 6 or 9dB should be added and if the sound contains specific sound features which are neither tonal nor impulsive a penalty of 3dB should be added.

In addition, if the sound contains identifiable operational and non-operational periods that are readily distinguishable against the existing sound environment, a further penalty of 3dB may be applied.

The assessment of impacts contained in BS4142:2014+A1:2019 is undertaken by comparing the sound rating level, i.e. the specific sound level of the source plus any penalties, to the measured representative background sound level immediately outside the sensitive receptor location. Consideration is then given to the context of the existing sound environment at the sensitive receptor location to assess the potential impact.

Once an initial estimate of the impact is determined, by subtracting the measured background sound level from the rating sound level, BS4142:2014+A1:2019 states that the following should be considered:

> typically, the greater the difference, the greater the magnitude of the impact;
>
> a difference of around +10dB or more is likely to be an indication of a significant adverse impact, depending on the context; and
>
> a difference of around +5dB is likely to be an indication of an adverse impact, depending on the context.

The lower the rating level is relative to the measured background sound level, the less likely it is that the specific sound source will have an adverse impact or a significant adverse impact. It is an indication that the specific sound source has a low impact.

BS4142:2014+A1:2019 notes that:

*"*Adverse impacts include, but are not limited to, annoyance and sleep disturbance. Not all adverse impacts will lead to complaints and not every complaint is proof of an adverse impact.*"*

BS4142:2014+A1:2019 outlines guidance for the consideration of the context of the potential impact including consideration of the existing residual sound levels, location and/or absolute sound levels.

4.0 Baseline Noise Environment

An environmental noise survey was completed by SLR from Friday April 23rd 2021 to Monday 26th April 2021. Although the survey covers the entire four day period, lorry movements are only allowed in connection with the AD Facility during the following day time hours, as required by Condition 12 of both relevant planning permissions which state:

"Deliveries to and from the site shall only take place within the hours of 8am - 6pm on Mondays to Saturdays".

There is no intention to amend Condition 12.

4.1 Survey Equipment

The sound monitoring equipment used during the survey is detailed in Table 4-1. All measurement instrumentation was calibrated before and after the measurements. No significant drift was observed. The calibration chain is traceable via the United Kingdom Accreditation Service to National Standards held at the National Physical Laboratory.

Table 4-1
Survey Equipment

Location	Equipment	Serial Number
1: Bungalow	Rion NL-52 Type 1 Sound Level Meter	00976173
	Rion NC-74 Acoustic Calibrator	34478298
2: Rugby Club	Cirrus CR:171B Type 1 Sound Level Meter	G0301707
	Cirrus CR:515 Acoustic Calibrator	93671
3: Campsite	Cirrus CR:171B Type 1 Sound Level Meter	G301839
	Cirrus CR:515 Acoustic Calibrator	93674
4: Opp. Site Entrance	Cirrus CR:831B Type 1 Sound Level Meter	C17175FF
	Cirrus CR:511E Acoustic Calibrator	036342
5: Access Road	Cirrus CR:171B Type 1 Sound Level Meter	G068726
	Cirrus CR:515 Acoustic Calibrator	60608

4.2 Sound Parameters

At each monitoring location the microphone was above the ground in free-field conditions, i.e. at least 3.5m from the nearest vertical, reflecting surface. The following noise level indices were recorded:

$L_{Aeq,T}$ The A-weighted equivalent continuous noise level over the measurement period.

L_{A90} The A-weighted noise level exceeded for 90% of the measurement period. This parameter is often used to describe background noise.

L_{A10} The A-weighted noise level exceeded for 10% of the measurement period. This parameter if often used to describe road traffic noise.

L_{Amax} The maximum A-weighted noise level during the measurement period.

4.3 Monitoring Location

As part of this Report SLR has undertaken a series of background sound measurements at locations representative of the nearest NSRs to the Site namely:

Location 1 – Bungalow.

Location 2 – Rugby Club.

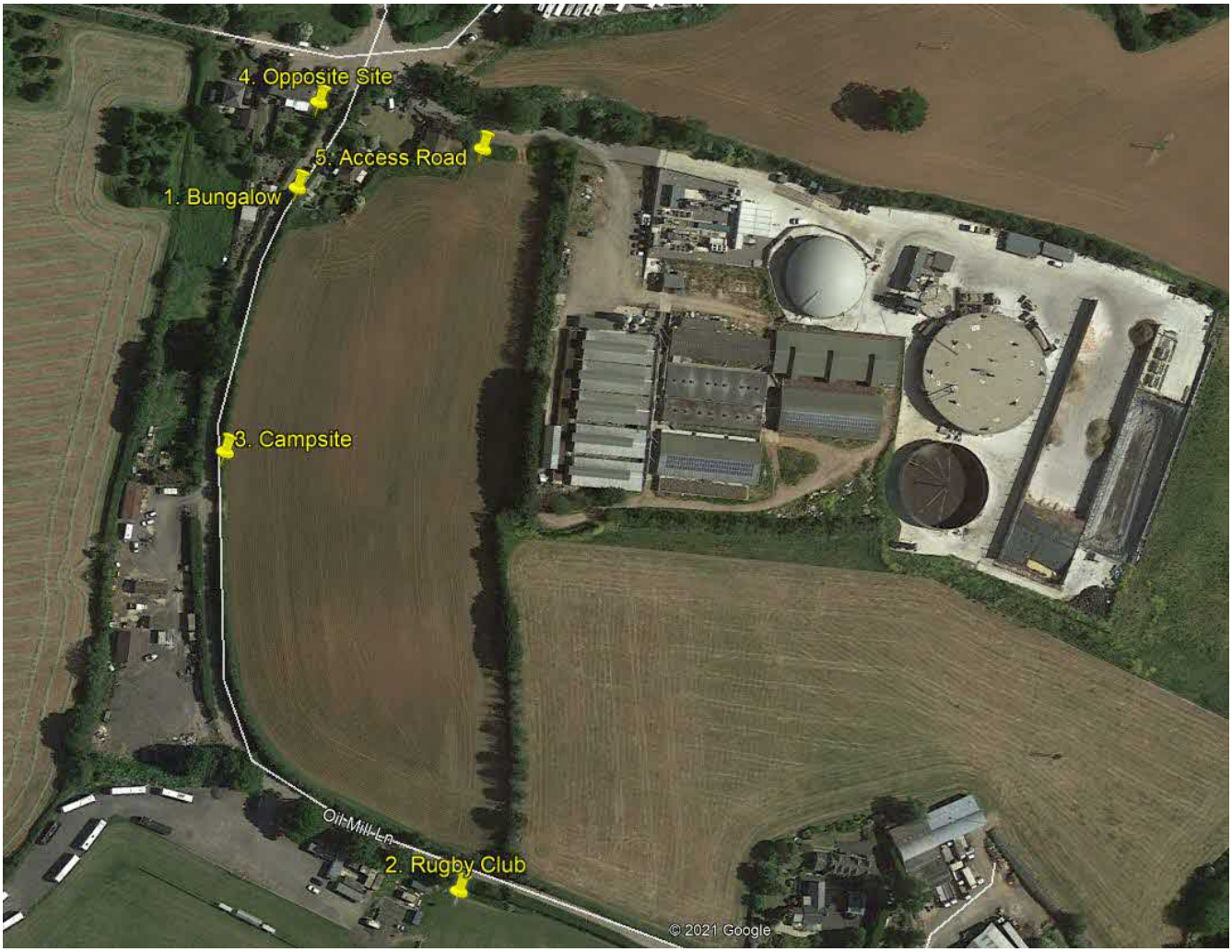
Location 3 –Campsite.

Location 4 – Opposite Site Entrance.

Location 5 – Bungalow on Access Road.

The noise survey locations are shown in Figure 4-1. The primary location of concern is Location 5 which is immediately adjacent to the Access Road to the AD Facility and so HGVs pass close to the property. It should be noted that the property is in residential use and occupied by employees of the AD Facility.

Figure 4-1
Noise Survey Locations



4.4 Results

The results of the noise survey are presented in Tables 4-2 and 4-5. The night-time noise levels are presented for context. The full survey results are available in Appendix 04. The weather during the survey was generally acceptable for noise monitoring with windspeeds below 5m/s and no rain.

The results that will be used in the BS4142:2014+A1:2019 assessment are the lowest daytime median baseline background sound levels at each location. These values are shown bold in each Table.

Table 4-2
Location 1: Bungalow – BS4142:2014+A1:2019 Assessment Results

Date	Period	$L_{Aeq,T}$	L_{A90}	L_{A10}	L_{Amax}
Friday 23rd April 2021	Daytime (14:10 - 23:00)	61.1	46.4	59.4	100.3
	Night-time (23:00 - 7:00)	56.2	38.1	48.1	85.5
Saturday 24th April 2021	Daytime (07:00 - 23:00)	59.7	45.9	58.1	89.5
	Night-time (23:00 - 7:00)	53.9	35.6	42.5	83.6
Sunday 25th April 2021	Daytime (07:00 - 23:00)	59.0	**42.6**	57.5	87.2
	Night-time (23:00 - 7:00)	57.9	34.8	41.7	98.8
Monday 26th April 2021	Daytime (07:00 - 11:40)	66.8	45.5	61.0	102.3

Table 4-3
Location 2: Rugby Club – BS4142:2014+A1:2019 Assessment Results

Date	Period	$L_{Aeq,T}$	L_{A90}	L_{A10}	L_{Amax}
Friday 23rd April 2021	Daytime (14:00 - 23:00)	52.0	42.2	53.1	81.7
	Night-time (23:00 - 7:00)	43.0	32.9	41.1	69.5
Saturday 24th April 2021	Daytime (07:00 - 23:00)	51.3	41.8	52.3	79.7
	Night-time (23:00 - 7:00)	40.2	31.4	37.7	66.2
Sunday 25th April 2021	Daytime (07:00 - 23:00)	48.4	**38.6**	48.1	83.1
	Night-time (23:00 - 7:00)	43.3	32.4	38.2	72.8
Monday 26th April 2021	Daytime (07:00 - 12:00)	49.7	41.4	51.6	77.8

Table 4-4
Location 3: Campsite – BS4142:2014+A1:2019 Assessment Results

Date	Period	$L_{Aeq,T}$	L_{A90}	L_{A10}	L_{Amax}
Friday 23rd April 2021	Daytime (14:00 - 23:00)	61.8	43.1	56.3	109.0
	Night-time (23:00 - 7:00)	51.9	33.6	45.4	87.5
Saturday 24th April 2021	Daytime (07:00 - 23:00)	59.1	43.3	53.5	88.9
	Night-time (23:00 - 7:00)	48.9	32.4	42.0	83.0
Sunday 25th April 2021	Daytime (07:00 - 23:00)	58.7	40.3	52.1	91.7
	Night-time (23:00 - 7:00)	52.7	32.2	42.3	85.7
Monday 26th April 2021	Daytime (07:00 - 12:00)	62.2	44.3	58.4	89.4

Table 4-5
Location 4: Opposite Site Entrance – BS4142:2014+A1:2019 Assessment Results

Date	Period	$L_{Aeq,T}$	L_{A90}	L_{A10}	L_{Amax}
Friday 23rd April 2021	Daytime (14:00 - 23:00)	52.7	47.8	55.1	75.0
	Night-time (23:00 - 7:00)	47.6	39.9	45.0	73.4
Saturday 24th April 2021	Daytime (07:00 - 23:00)	51.0	44.7	52.3	83.1
	Night-time (23:00 - 7:00)	47.3	40.4	45.1	75.1
Sunday 25th April 2021	Daytime (07:00 - 23:00)	51.9	47.4	53.8	79.0
	Night-time (23:00 - 7:00)	48.8	40.8	47.9	69.9
Monday 26th April 2021	Daytime (07:00 - 12:00)	53.3	48.0	55.3	83.9

Table 4-6
Location 5: Bungalow on Site Access – BS4142:2014+A1:2019 Assessment Results

Date	Period	$L_{Aeq,T}$	L_{A90}	L_{A10}	L_{Amax}
Friday 23rd April 2021	Daytime (14:00 - 23:00)	49.9	46.5	51.7	82.6
	Night-time (23:00 - 7:00)	50.7	38.2	46.4	77.3
Saturday 24th April 2021	Daytime (07:00 - 23:00)	50.1	46.3	51.4	75.8
	Night-time (23:00 - 7:00)	46.5	37.0	43.6	73.2
Sunday 25th April 2021	Daytime (07:00 - 23:00)	48.3	43.1	49.5	73.2
	Night-time (23:00 - 7:00)	46.9	36.2	44.2	75.7
Monday 26th April 2021	Daytime (07:00 - 12:00)	53.2	48.3	54.0	76.8

5.0 Noise Model Assumptions

5.1 Noise Model Assumptions

The sound predictions in this assessment have been undertaken using a proprietary software-based noise model, CadnaA, which implements the full range of UK calculation methods. The calculation algorithms set out in ISO 9613-2:1996 Acoustics – Attenuation of sound during propagation outdoors – Part 2 General method of calculation have been used and the model assumes:

A ground absorption factor of 0.25.

A reflection factor of 2.

A daytime receiver height of 1.5m.

The HGV noise sources included in the model are detailed in Table 4-1. The HGV noise source has been modelled as a moving point line source with the following attributes:

Three movements per hour.

At a height of 1.5m.

At a speed of 10mph.

The data shown in Table 5-1 were obtained by measuring 22 HGV movements on the Access Road. The highest measurement in each octave band measured has been taken forward for use in the assessment. The values have been used to calculate the A-weighted sound power value of 89.2dB(A).

Table 5-1
HGV Noise Source - dB

	Frequency (Hz)									
Plant	31.5	63	125	250	500	1K	2K	4K	8K	dB(A)
HGV	93.6	94.8	90.5	90.1	86.5	84	80.3	73.7	72.7	89.2

6.0 Noise Assessment

6.1 Specific Sound Level

The predicted sound levels of the proposed development at each receptor location (representative of the nearest residential properties) are shown in Table 6-1 below.

Table 6-1
Predicted Specific Sound Levels of Proposed Additional HGV Movements, Free Field dB

Location	Predicted Specific Sound Level, $L_{Aeq,T}$
Bungalow	21.2
Rugby Club	1.6
Campsite	12.1
Opposite Entrance	26.6
Site Access Bungalow	34.5

A graphical image of the predicted specific sound level can be seen in Figure 6-1. The figure shows that areas of high sound level are restricted to the area along the Site Access Road.

Figure 6-1
HGV Specific Sound Level dB(A)

6.2 Sound Characteristics

The character of the HGV noise source and the correction that would be applied in the BS4142:2014+A1:2019 assessment is detailed below:

Tonality: It is not expected that HGV noise on the Access Road would be tonal. Therefore, no tonal correction is required.

Impulsivity: It is not expected that HGV noise on the Access Road would be impulsive. Therefore, no impulsivity correction is required.

Other sound characteristics: The passage of a HGV on the Access Road may be readily distinctive against the residual acoustic environment. A 3dB correction will therefore be applied.

Intermittency: Over the BS4142:2014+A1:2019 reference period of 1-hour in the daytime (07:00 – 23:00) it is anticipated that the passage of HGVs would be intermittent. A 3dB correction will therefore be required.

Based on the above, a 6dB correction is applicable to the predicted specific sound level at the nearest noise-sensitive receptors to derive the corresponding rating levels.

6.3 Assessment Results

The penalties described in Section 5.2 above have been added to the predicted sound levels shown in Table 6-1 to derive the rating levels at each of the nearest noise-sensitive receptors.

The rating levels have then been compared to the derived background sound levels, measured by SLR and assessed accordingly.

The results of the BS4142:2014+A1:2019 assessment is shown in Table 6-2. It must be noted that the rating levels and the representative background sound levels have been rounded to the nearest decibel.

Table 6-2
BS4142:2014+A1:2019 Assessment

Location	Predicted Specific Sound Level, $L_{Aeq,T}$	Rating Level $L_{Ar,T}$	Baseline Background Sound Level L_{A90}	Difference
Bungalow	21	27	43	-16
Rugby Club	2	8	39	-31
Campsite	12	18	40	-22
Opposite Entrance	27	33	45	-12
Site Access Bungalow	35	41	43	-2

It can be seen from Table 6-2 that:

At each Receptor assessed the calculated Rating Level of the additional three HGV movements per hour is below the background sound level by between 2dB(A) and 31dB(A).

In accordance with the guidance presented in BS4142:2014+A1:2019 the noise impact of the additional HGV movements should be considered at worst low, with the most affected Receptor being the Bungalow adjacent to the Site Access. However, even at this Receptor, the negative difference between the Rating Level and the baseline background sound level is an indication that the impact would not be significant, and the proposed increase in HGV movements would not have a detrimental noise impact upon the noise environment at the Location.

7.0 Conclusion

Gorst Energy Limited has appointed SLR to prepare a Noise Assessment to support two Section 73 Planning Applications to vary Condition 5 and Part I of Condition 7 of Permissions 15/1512/FUL, and 17/0650/VAR. These two Conditions are included in Appendix 01.

The variation, if permitted, would allow for an additional three HGV movements per hour during the day on the Access Road from Oil Mill Lane to the Digester.

The appropriate methodology for assessing noise impacts in respect of traffic noise is British Standard BS4142:2014+A1:2019. The British Standard advises that a rating level of up to 5dB(A) above the baseline background sound level would be considered acceptable.

The noise impact of these additional movements has been presented in this Report and the BS4142:2014+A1:2019 assessment has concluded that:

> The noise impact of the additional HGV movements should be considered at worst low, with the most affected Receptor being the Bungalow adjacent to the Site Access. However, even at this Receptor, the negative difference between the Rating Level and the baseline background sound level is considerably lower than the plus 5dB(A) allowed for in the British Standard and is an indication that the impact would not be significant, and the proposed increase in HGV movements would not have a detrimental noise impact upon the noise environment at this Location. Other locations would experience a lesser level of impact.

APPENDIX 01

Conditions to be Varied

Condition 5

"The development hereby permitted shall be carried out in full accordance with the Odour Management Plan (Version 3) dated October 2015 and shall be complied with in perpetuity.

(Reason - To comply with the requirements of Policy EN14 (Control of Pollution) to protect the amenity of local residents in terms of the control and management of odour, noise, traffic management and construction management and Policy D1 (Design and Local Distinctiveness of the East Devon Local Plan 2013-2031 and the guidance within the National Planning Policy Framework.)"

Condition 7 (i)

"The feedstock and feedstock delivery for the anaerobic digester shall be as set out in the supporting information submitted with the application and shall comprise slurry, farmyard manure, maize silage and wheat in the proportions listed within Volume 1 of the report prepared by E4environment dated 10th June 2014 approved under 14/0858/MFUL. For the avoidance of doubt the proportions per annum are:

- o Pig slurry - minimum of 6000 tonnes (or all of their slurry if less than 6000 tonnes) per year produced on Enfield Farm
- o Farmyard manure- 1000 tonnes
- o Maize silage- 16,537 tonnes
- o Wheat- 3000 tonnes

The principal uses of the site shall thereafter be restricted to:

- o The anaerobic digestion process and the associated receipt, handling and storage of agricultural wastes and crop products;
- o Generation of electricity and heat and other ancillary operations associated with the above activities".

Condition 10

"Notwithstanding the submitted details, any plant (including ventilation, refrigeration and air conditioning units) or ducting system to be used in pursuance of this permission shall be so installed, retained and operated that the noise generated at the boundary of the nearest neighbouring property shall not exceed Noise Rating Curve 25, as defined in BS8233:2014 Sound Insulation and Noise Reduction for Buildings Code of Practice and the Chartered Institute of Building Service Engineers Environmental Design Guide when considered in combination with other equipment on the site. Details of any mitigation scheme shall be submitted to and approved by the Local Planning Authority within 2 months of the installation of any such plant and the development shall thereafter be carried out in accordance with the mitigation measures which shall be retained in perpetuity.

(Reason: To protect the amenity of local residents from noise in accordance with Policies D1 (Design and Local Distinctiveness) and EN14 (Control of Pollution) of the East Devon Local Plan 2013-2031)".

APPENDIX 02

Glossary of Terminology

Glossary of Terminology

In order to assist the understanding of acoustic terminology and the relative change in noise, the following background information is provided.

The human ear can detect a very wide range of pressure fluctuations, which are perceived as sound. In order to express these fluctuations in a manageable way, a logarithmic scale called the decibel, or dB scale is used. The decibel scale typically ranges from 0dB (the threshold of hearing) to over 120dB. An indication of the range of sound levels commonly found in the environment is given in the following table.

Table 01-1
Sound Levels Commonly Found in the Environment

Sound Level	Location
0dB(A)	Threshold of hearing
20 to 30dB(A)	Quiet bedroom at night
30 to 40dB(A)	Living room during the day
40 to 50dB(A)	Typical office
50 to 60dB(A)	Inside a car
60 to 70dB(A)	Typical high street
70 to 90dB(A)	Inside factory
100 to 110dB(A)	Burglar alarm at 1m away
110 to 130dB(A)	Jet aircraft on take off
140dB(A)	Threshold of Pain

Acoustic Terminology

dB (decibel) — The scale on which sound pressure level is expressed. It is defined as 20 times the logarithm of the ratio between the root-mean-square pressure of the sound field and a reference pressure ($2x10^{-5}$Pa).

dB(A) — A-weighted decibel. This is a measure of the overall level of sound across the audible spectrum with a frequency weighting (i.e. 'A' weighting) to compensate for the varying sensitivity of the human ear to sound at different frequencies.

L_{Aeq} — L_{Aeq} is defined as the notional steady sound level which, over a stated period of time, would contain the same amount of acoustical energy as the A - weighted fluctuating sound measured over that period.

L_{10} & L_{90} — If a non-steady noise is to be described it is necessary to know both its level and the degree of fluctuation. The L_n indices are used for this purpose, and the term refers to the level exceeded for n% of the time. Hence L_{10} is the level exceeded for 10% of the time and as such can be regarded as the 'average maximum level'. Similarly, L_{90} is the 'average minimum level' and is often used to describe the background noise. It is common practice to use the L_{10} index to describe traffic noise.

L_{Amax} — L_{Amax} is the maximum A - weighted sound pressure level recorded over the period stated. L_{Amax} is sometimes used in assessing environmental noise where occasional loud noises occur, which may have little effect on the overall L_{eq} noise level but will still affect the noise environment. Unless described otherwise, it is measured using the 'fast' sound level meter response.

APPENDIX 03

Noise Letter Submitted with Pre-App.

03 June 2021

Our Ref:403.

Dear Sirs,

RE: ENFIELD FARM – NOISE

Background

This letter sets out the approach that SLR propose to take to assess noise on the Access Road to the Enfield Farm Biodigester, Oil Mill Lane, Clyst, St Mary, EX5 1AF.

The Site currently operates in accordance with Condition 10 of planning permission 15/1473/VAR. Condition 10 states:

*"*Notwithstanding the submitted details, any plant (including ventilation, refrigeration and air conditioning units) or ducting system to be used in pursuance of this permission shall be so installed, retained and operated that the noise generated at the boundary of the nearest neighbouring property shall not exceed Noise Rating Curve 25, as defined in BS8233:2014 Sound Insulation and Noise Reduction for Buildings Code of Practice and the Chartered Institute of Building Service Engineers Environmental Design Guide when considered in combination with other equipment on the site. Details of any mitigation scheme shall be submitted to and approved by the Local Planning Authority within 2 months of the installation of any such plant and the development shall thereafter be carried out in accordance with the mitigation measures which shall be retained in perpetuity*"*.

Condition 10 is applicable to fixed plant at the Site, and it is understood that the Facility is currently operating within the agreed limits.

To address the noise concerns on the Access Road of the Inspector (APP/U1105/W/19/3234261) SLR recommend that traffic should be assessed in accordance with BS4142:2014+A1:2019 Methods for rating and assessing industrial and commercial sound. In support of this view, it is noted that there is no suggestion in the Inspector's report (Appeal Ref: APP/U1105/W/19/3234261 dated 26 November 2020) that the methodology set out in Condition 10 is appropriate for measuring noise associated with HGV movements.

Two reasons why the methodology described in Condition 10 should not be applied to traffic on the Access Road are as follows:

As detailed in BS8233:2014, the use of Noise Ratings was originally proposed for use in assessing environmental noise, but it is now used in the UK mainly for describing noise from mechanical ventilation systems in buildings. It should be noted that this is in relation to ventilation within the property, not from an external source at an industrial site.

In Section 6.5.2 of BS8233:2014 it states:

> "Where industrial noise affects residential or mixed residential areas, the methods for rating the noise in BS 4142 should be applied."

Based on the above, SLR consider that the appropriate guidance to refer to, when determining the noise impact of the Access Road, is British Standard 4142:2014+A1:2019 Methods for rating industrial and commercial sound. This approach would also be consistent with the approach taken in respect of other industrial and waste planning permissions in East Devon, where BS8233:2014 has been used solely for measurement of plant noise, but BS4142 (as is the case at the Willowglen AD plant) has been used for measurement of associated traffic noise.

SLR's Approach

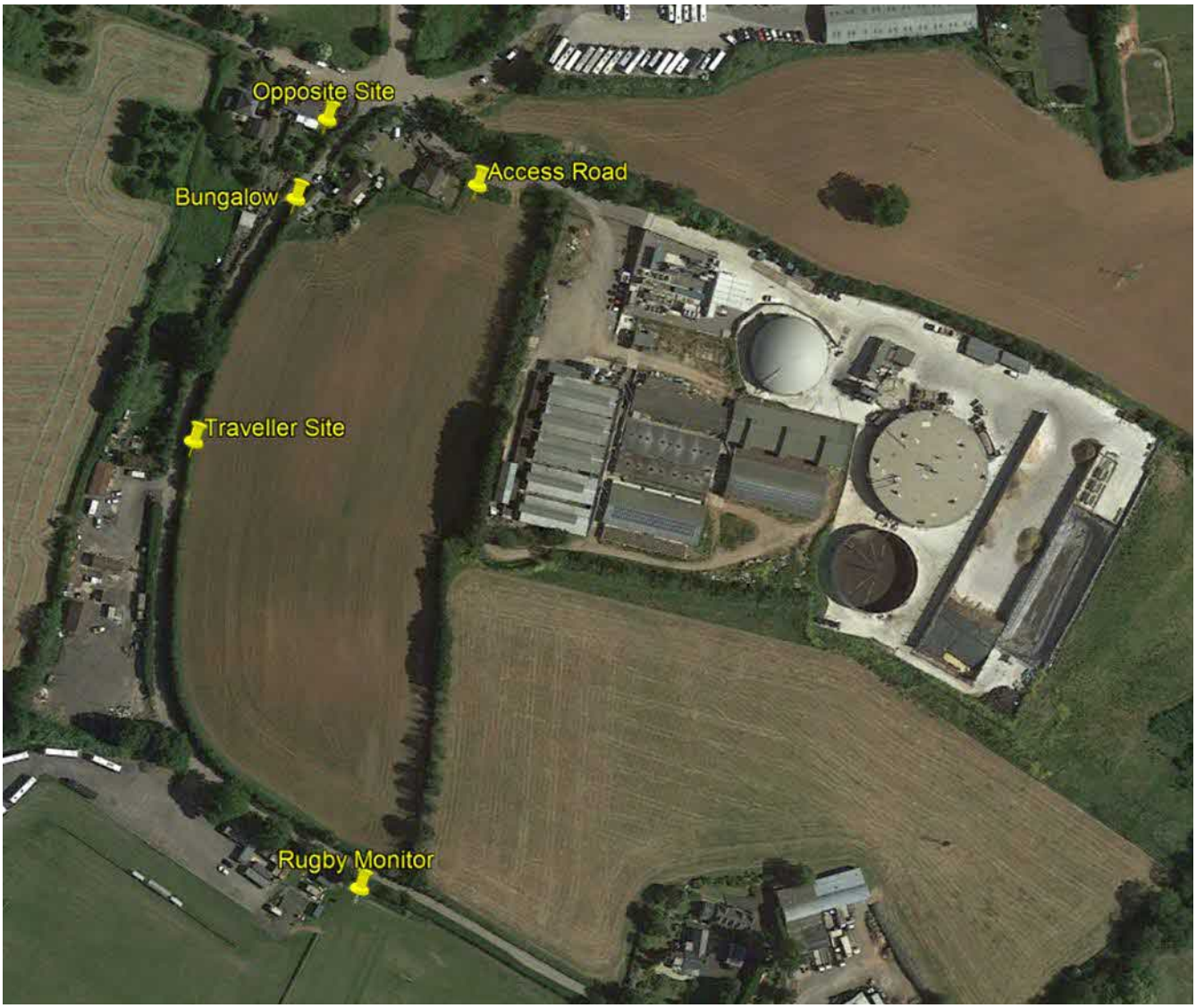
SLR propose that the assessment methodology presented in British Standard 4142:2014+A1:2019 should be used to assess the impact of the Access Road on the private access road to the Enfield Farm Biodigester.

Baseline Noise Survey

SLR would complete a baseline background daytime noise survey at the locations shown on Figure 1. The Survey would cover a Friday through to a Monday so would capture the quieter weekend period.

For this assessment it is considered that the operation of the Biodigester is part of the baseline background noise environment.

Figure 1
Survey Locations



Character Corrections

The character of the traffic noise source and the correction that would be applied in the BS4142:2014+A1:2019 assessment are detailed below:

Tonality: It is not expected that traffic noise on the Access Road would be tonal. Therefore, no tonal correction is required.

Impulsivity: It is not expected that traffic noise on the Access Road would be impulsive. Therefore, no impulsivity correction is required.

Other sound characteristics: The passage of traffic on the Access Road may be readily distinctive against the residual acoustic environment. A 3dB correction will therefore be required.

- Intermittency: Over the BS4142:2014+A1:2019 reference period of 1-hour in the daytime (07:00 – 23:00) it is anticipated that the passage of traffic would be intermittent. A 3dB correction will therefore be required.

Based on the above, a 6dB correction is applicable to the predicted specific sound level at the nearest noise-sensitive receptors to derive the corresponding rating levels.

Rating Level

At this stage it is anticipitated that a rating level of 5dB(A) above the baseline background sound level would be considered acceptable.

Closing Statement

Thank you for reading this letter, I trust that the proposed Scope would be acceptable to East Devon District Council. If you would like to discuss SLR's proposed approach, please get in touch.

Yours sincerely
SLR Consulting Limited

[redacted]

Michelle Dawson
Principal - Acoustics & Vibration

APPENDIX 04

Survey Data

Table 02-01
Location 1 Survey Results dB(A)

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
23/04/2021 14:10	60.8	84.8	58.9	48.4
23/04/2021 14:25	59.5	80.8	59.6	48.6
23/04/2021 14:40	64.7	88.1	68.7	48.1
23/04/2021 14:55	65.3	89.0	68.6	48.5
23/04/2021 15:10	61.7	82.0	61.9	47.1
23/04/2021 15:25	61.3	84.3	61.4	46.5
23/04/2021 15:40	62.8	82.5	64.8	48.6
23/04/2021 15:55	62.2	83.4	61.0	48.0
23/04/2021 16:10	61.0	82.9	58.4	47.5
23/04/2021 16:25	62.4	83.4	62.4	48.6
23/04/2021 16:40	61.0	80.6	59.9	47.7
23/04/2021 16:55	60.6	78.7	60.5	48.1
23/04/2021 17:10	59.1	79.4	57.2	47.3
23/04/2021 17:25	63.0	85.7	59.9	46.3
23/04/2021 17:40	63.1	82.4	64.7	47.5
23/04/2021 17:55	62.0	81.2	64.3	48.8
23/04/2021 18:10	62.0	82.7	62.7	48.6
23/04/2021 18:25	60.5	82.2	59.1	48.2
23/04/2021 18:40	60.3	78.8	62.8	46.9
23/04/2021 18:55	59.7	83.7	56.9	44.2
23/04/2021 19:10	64.4	82.4	67.9	45.6
23/04/2021 19:25	62.3	83.4	63.7	44.0
23/04/2021 19:40	60.6	81.3	61.3	43.1
23/04/2021 19:55	56.3	79.2	53.9	41.7
23/04/2021 20:10	58.8	81.1	59.0	42.7
23/04/2021 20:25	57.2	77.2	57.6	42.6
23/04/2021 20:40	53.4	81.9	52.1	39.4
23/04/2021 20:55	55.8	81.4	47.2	37.3
23/04/2021 21:10	55.6	80.8	49.6	39.8
23/04/2021 21:25	49.9	74.2	47.0	38.9
23/04/2021 21:40	55.7	82.9	46.2	38.3
23/04/2021 21:55	56.4	83.3	45.1	38.0
23/04/2021 22:10	67.5	100.3	46.1	38.4
23/04/2021 22:25	51.6	80.3	44.9	38.2
23/04/2021 22:40	51.5	79.2	44.1	38.6
23/04/2021 22:55	53.4	83.4	46.1	37.6
23/04/2021 23:10	50.0	77.1	44.8	36.3

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
23/04/2021 23:25	56.0	83.9	46.0	36.8
23/04/2021 23:40	52.4	80.6	43.2	33.9
23/04/2021 23:55	51.4	80.9	43.5	34.8
24/04/2021 00:10	56.0	84.4	46.8	33.3
24/04/2021 00:25	41.2	56.7	44.6	32.6
24/04/2021 00:40	39.9	52.4	43.6	34.1
24/04/2021 00:55	41.1	53.2	45.1	33.2
24/04/2021 01:10	43.5	68.3	45.3	35.5
24/04/2021 01:25	44.6	55.6	48.6	35.5
24/04/2021 01:40	53.2	82.8	45.7	34.9
24/04/2021 01:55	40.1	50.5	43.0	35.8
24/04/2021 02:10	44.1	58.5	47.6	38.6
24/04/2021 02:25	42.0	53.0	44.8	37.6
24/04/2021 02:40	41.8	53.6	45.1	36.8
24/04/2021 02:55	41.1	57.2	43.7	36.4
24/04/2021 03:10	41.3	52.1	43.7	36.0
24/04/2021 03:25	49.2	59.7	52.6	43.3
24/04/2021 03:40	50.8	64.6	53.7	46.0
24/04/2021 03:55	51.0	60.7	53.9	45.6
24/04/2021 04:10	50.4	71.7	52.5	43.6
24/04/2021 04:25	52.9	78.8	53.6	44.6
24/04/2021 04:40	55.5	81.8	54.5	46.0
24/04/2021 04:55	52.9	65.9	56.1	47.8
24/04/2021 05:10	60.5	75.3	64.9	50.8
24/04/2021 05:25	64.8	80.5	69.3	52.3
24/04/2021 05:40	61.5	77.0	64.2	51.1
24/04/2021 05:55	63.4	85.5	63.7	52.1
24/04/2021 06:10	56.6	78.8	58.2	50.0
24/04/2021 06:25	55.4	73.9	58.1	49.2
24/04/2021 06:40	61.6	85.4	64.0	49.9
24/04/2021 06:55	58.5	79.4	59.6	49.7
24/04/2021 07:10	56.6	78.5	58.1	50.0
24/04/2021 07:25	55.8	77.1	57.2	47.5
24/04/2021 07:40	58.7	86.8	56.8	47.7
24/04/2021 07:55	59.5	81.2	61.5	47.3
24/04/2021 08:10	54.4	77.7	55.7	45.5
24/04/2021 08:25	60.6	84.1	63.1	45.7
24/04/2021 08:40	61.2	82.9	62.6	45.5
24/04/2021 08:55	60.8	82.6	59.8	47.1

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
24/04/2021 09:10	60.8	82.3	61.6	47.9
24/04/2021 09:25	62.8	84.9	61.2	47.5
24/04/2021 09:40	60.8	81.2	62.2	47.8
24/04/2021 09:55	62.1	81.3	64.0	47.9
24/04/2021 10:10	61.0	81.1	58.8	48.1
24/04/2021 10:25	62.2	82.2	63.9	48.3
24/04/2021 10:40	61.0	79.7	62.7	48.0
24/04/2021 10:55	59.2	81.6	54.8	47.1
24/04/2021 11:10	61.6	82.9	63.0	47.0
24/04/2021 11:25	63.2	89.5	61.6	46.8
24/04/2021 11:40	59.8	78.2	62.1	46.7
24/04/2021 11:55	63.5	79.6	67.3	48.2
24/04/2021 12:10	61.5	80.2	64.6	48.0
24/04/2021 12:25	62.9	83.9	65.6	47.6
24/04/2021 12:40	62.1	83.7	60.7	48.2
24/04/2021 12:55	59.4	83.2	58.3	47.2
24/04/2021 13:10	62.6	87.8	61.1	46.8
24/04/2021 13:25	60.9	80.4	60.4	47.5
24/04/2021 13:40	62.9	83.6	59.3	46.6
24/04/2021 13:55	61.9	82.1	64.5	46.8
24/04/2021 14:10	62.5	81.8	66.0	46.6
24/04/2021 14:25	58.7	80.9	58.1	46.7
24/04/2021 14:40	59.1	84.1	54.0	44.7
24/04/2021 14:55	59.4	79.2	61.0	44.9
24/04/2021 15:10	60.5	83.6	60.2	46.0
24/04/2021 15:25	59.0	82.2	56.6	46.6
24/04/2021 15:40	61.7	79.0	65.1	46.5
24/04/2021 15:55	58.6	79.2	52.3	44.9
24/04/2021 16:10	59.1	81.6	55.9	45.2
24/04/2021 16:25	59.4	83.8	58.9	44.7
24/04/2021 16:40	59.6	80.9	58.6	45.9
24/04/2021 16:55	58.9	78.5	57.4	45.1
24/04/2021 17:10	58.9	82.0	58.0	45.8
24/04/2021 17:25	59.8	83.5	52.8	44.5
24/04/2021 17:40	59.4	81.0	59.4	44.5
24/04/2021 17:55	57.4	80.7	57.3	45.1
24/04/2021 18:10	58.7	81.5	56.7	45.9
24/04/2021 18:25	59.1	83.2	56.3	45.4
24/04/2021 18:40	59.8	81.6	54.8	44.1

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
24/04/2021 18:55	57.7	81.1	56.2	44.9
24/04/2021 19:10	58.0	79.9	58.9	45.3
24/04/2021 19:25	58.8	84.0	56.2	44.5
24/04/2021 19:40	58.4	81.1	55.5	44.6
24/04/2021 19:55	56.3	79.7	55.3	43.1
24/04/2021 20:10	55.9	81.3	49.9	42.2
24/04/2021 20:25	54.4	78.7	56.0	41.8
24/04/2021 20:40	57.4	80.7	55.2	39.9
24/04/2021 20:55	58.2	82.2	54.5	39.6
24/04/2021 21:10	50.7	76.3	43.1	38.0
24/04/2021 21:25	56.3	83.7	43.9	36.7
24/04/2021 21:40	49.5	78.2	42.4	35.1
24/04/2021 21:55	48.3	76.3	44.1	37.4
24/04/2021 22:10	39.3	48.2	41.3	37.0
24/04/2021 22:25	44.4	70.2	42.3	35.8
24/04/2021 22:40	51.1	78.4	43.2	36.6
24/04/2021 22:55	54.7	84.5	44.7	38.9
24/04/2021 23:10	41.0	53.5	42.9	38.0
24/04/2021 23:25	41.6	55.6	43.8	38.3
24/04/2021 23:40	48.2	76.5	43.4	35.9
24/04/2021 23:55	36.9	56.0	39.2	34.1
25/04/2021 00:10	38.8	50.7	42.1	32.9
25/04/2021 00:25	38.0	58.4	40.3	33.1
25/04/2021 00:40	52.9	83.6	40.8	35.0
25/04/2021 00:55	50.2	77.6	44.9	37.9
25/04/2021 01:10	37.9	49.7	40.9	32.1
25/04/2021 01:25	38.5	56.1	41.2	30.6
25/04/2021 01:40	36.9	56.9	37.1	31.1
25/04/2021 01:55	37.4	49.8	40.5	32.6
25/04/2021 02:10	38.3	49.2	40.7	34.7
25/04/2021 02:25	40.7	50.2	43.1	36.0
25/04/2021 02:40	41.8	60.8	43.7	37.3
25/04/2021 02:55	39.0	50.6	41.0	35.7
25/04/2021 03:10	37.5	55.0	39.0	31.1
25/04/2021 03:25	36.7	48.5	38.5	33.7
25/04/2021 03:40	34.7	53.9	37.1	31.5
25/04/2021 03:55	38.5	49.3	40.7	34.8
25/04/2021 04:10	38.3	48.4	40.0	35.5
25/04/2021 04:25	42.6	61.2	44.1	33.8

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
25/04/2021 04:40	38.5	54.1	41.0	33.4
25/04/2021 04:55	54.4	72.3	57.8	35.8
25/04/2021 05:10	62.5	80.1	67.0	46.0
25/04/2021 05:25	61.6	81.1	64.7	49.5
25/04/2021 05:40	60.6	74.5	64.6	49.1
25/04/2021 05:55	59.0	74.7	62.6	43.1
25/04/2021 06:10	57.2	72.2	60.8	41.7
25/04/2021 06:25	55.5	78.9	57.8	41.0
25/04/2021 06:40	57.9	82.3	56.4	42.0
25/04/2021 06:55	55.2	79.5	55.4	41.7
25/04/2021 07:10	58.2	81.6	56.8	41.5
25/04/2021 07:25	53.6	70.9	56.8	40.2
25/04/2021 07:40	57.0	80.3	55.6	41.4
25/04/2021 07:55	57.2	82.4	58.1	41.1
25/04/2021 08:10	56.5	77.3	59.3	44.3
25/04/2021 08:25	56.6	81.7	57.0	43.4
25/04/2021 08:40	62.7	81.0	65.7	44.2
25/04/2021 08:55	63.1	84.1	64.5	44.8
25/04/2021 09:10	61.9	81.2	63.7	47.0
25/04/2021 09:25	60.4	84.9	58.9	44.7
25/04/2021 09:40	58.6	84.7	52.3	44.8
25/04/2021 09:55	62.1	80.4	64.4	44.5
25/04/2021 10:10	63.8	80.6	67.8	43.8
25/04/2021 10:25	64.5	85.0	68.4	44.0
25/04/2021 10:40	62.2	85.5	63.3	44.9
25/04/2021 10:55	59.5	80.6	58.6	45.5
25/04/2021 11:10	60.0	82.5	59.3	46.0
25/04/2021 11:25	60.1	86.1	58.9	44.8
25/04/2021 11:40	58.2	77.9	57.9	42.9
25/04/2021 11:55	62.6	83.4	65.1	45.3
25/04/2021 12:10	58.4	80.3	57.9	44.6
25/04/2021 12:25	57.1	80.9	56.2	45.1
25/04/2021 12:40	58.8	79.1	59.5	43.9
25/04/2021 12:55	58.7	81.7	54.4	43.3
25/04/2021 13:10	59.6	81.4	57.4	43.5
25/04/2021 13:25	60.4	82.9	59.3	44.5
25/04/2021 13:40	57.4	78.2	59.1	43.9
25/04/2021 13:55	56.5	78.1	55.2	41.7
25/04/2021 14:10	57.7	82.8	57.0	43.2

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
25/04/2021 14:25	62.6	80.3	65.8	43.8
25/04/2021 14:40	58.0	79.7	59.0	42.4
25/04/2021 14:55	58.5	81.1	58.5	42.3
25/04/2021 15:10	58.1	78.4	57.9	42.3
25/04/2021 15:25	60.3	82.0	54.5	42.0
25/04/2021 15:40	58.2	78.3	56.0	42.5
25/04/2021 15:55	58.7	81.2	57.5	42.2
25/04/2021 16:10	58.3	79.1	59.5	42.7
25/04/2021 16:25	59.7	80.6	59.4	43.1
25/04/2021 16:40	57.4	80.0	54.6	42.7
25/04/2021 16:55	57.1	78.7	56.1	42.8
25/04/2021 17:10	54.9	81.4	55.7	42.5
25/04/2021 17:25	59.4	80.5	58.6	42.3
25/04/2021 17:40	58.9	79.1	58.6	42.1
25/04/2021 17:55	58.1	79.8	56.4	42.4
25/04/2021 18:10	56.3	77.1	56.0	43.3
25/04/2021 18:25	57.9	81.4	57.7	44.2
25/04/2021 18:40	57.1	77.4	56.3	41.9
25/04/2021 18:55	57.3	79.3	56.4	41.5
25/04/2021 19:10	55.9	80.5	54.7	40.9
25/04/2021 19:25	58.5	85.3	57.7	42.9
25/04/2021 19:40	59.1	82.6	60.8	42.1
25/04/2021 19:55	55.2	70.8	59.4	42.3
25/04/2021 20:10	57.0	82.0	53.9	41.9
25/04/2021 20:25	58.0	83.3	55.0	41.3
25/04/2021 20:40	58.2	80.4	56.1	39.5
25/04/2021 20:55	54.1	76.2	47.0	39.0
25/04/2021 21:10	59.4	83.0	47.4	37.4
25/04/2021 21:25	54.8	78.5	41.7	35.9
25/04/2021 21:40	57.5	83.2	43.8	37.2
25/04/2021 21:55	54.1	83.3	42.6	37.7
25/04/2021 22:10	56.4	87.2	45.1	36.9
25/04/2021 22:25	49.0	77.7	44.9	35.9
25/04/2021 22:40	53.6	79.4	42.9	36.5
25/04/2021 22:55	53.2	81.9	44.0	37.1
25/04/2021 23:10	39.1	47.5	41.3	36.4
25/04/2021 23:25	37.6	47.1	39.3	35.4
25/04/2021 23:40	37.7	46.1	39.9	34.9
25/04/2021 23:55	37.9	49.6	40.3	34.5

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
26/04/2021 00:10	36.5	53.3	38.7	33.6
26/04/2021 00:25	35.6	48.7	37.2	32.7
26/04/2021 00:40	39.8	58.2	41.7	33.3
26/04/2021 00:55	36.8	49.6	38.9	32.7
26/04/2021 01:10	37.7	51.7	40.2	32.7
26/04/2021 01:25	39.4	51.3	42.2	35.2
26/04/2021 01:40	37.4	46.5	39.9	33.7
26/04/2021 01:55	37.5	49.5	39.9	33.9
26/04/2021 02:10	38.1	53.1	40.3	34.5
26/04/2021 02:25	34.9	51.1	36.7	31.7
26/04/2021 02:40	37.0	48.8	39.1	33.2
26/04/2021 02:55	40.8	59.4	43.0	34.7
26/04/2021 03:10	36.1	45.8	38.0	33.7
26/04/2021 03:25	38.4	48.7	41.6	34.3
26/04/2021 03:40	37.8	50.1	40.2	34.7
26/04/2021 03:55	42.3	63.2	43.0	34.1
26/04/2021 04:10	39.4	51.8	41.7	35.9
26/04/2021 04:25	40.9	59.3	43.6	34.9
26/04/2021 04:40	52.6	78.4	45.2	37.6
26/04/2021 04:55	60.2	79.0	64.3	39.5
26/04/2021 05:10	60.9	79.6	65.5	45.9
26/04/2021 05:25	60.6	81.5	62.7	49.7
26/04/2021 05:40	61.7	86.7	63.2	49.5
26/04/2021 05:55	56.7	81.8	59.4	45.5
26/04/2021 06:10	60.0	81.2	60.6	45.0
26/04/2021 06:25	57.4	82.1	54.6	44.6
26/04/2021 06:40	59.4	80.3	56.9	45.5
26/04/2021 06:55	70.7	98.8	60.6	46.1
26/04/2021 07:10	60.6	82.8	59.7	47.1
26/04/2021 07:25	62.8	83.1	61.8	48.1
26/04/2021 07:40	64.4	85.3	65.2	47.6
26/04/2021 07:55	63.7	85.5	65.1	46.6
26/04/2021 08:10	62.4	83.2	61.8	46.9
26/04/2021 08:25	62.8	82.0	63.5	47.8
26/04/2021 08:40	61.6	81.0	62.8	47.1
26/04/2021 08:55	70.4	102.3	61.9	46.4
26/04/2021 09:10	67.4	96.6	62.7	45.8
26/04/2021 09:25	61.2	79.8	60.3	45.2
26/04/2021 09:40	60.6	82.2	62.2	44.9

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
26/04/2021 09:55	60.3	81.8	59.5	44.5
26/04/2021 10:10	60.7	83.3	60.4	44.9
26/04/2021 10:25	59.5	80.1	57.8	45.5
26/04/2021 10:40	61.4	83.4	60.9	45.5
26/04/2021 10:55	59.2	81.2	57.5	44.2
26/04/2021 11:10	68.0	95.7	59.8	43.4
26/04/2021 11:25	75.3	100.8	61.0	43.9
26/04/2021 11:40	71.2	100.2	59.5	43.7

Table 02-02
Location 2 Survey Results dB(A)

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
23/04/2021 14:00	52.5	69.7	55.9	43.9
23/04/2021 14:15	50.5	65.2	53.2	44.1
23/04/2021 14:30	52.5	71.4	55.0	45.1
23/04/2021 14:45	51.6	69.1	54.7	44.8
23/04/2021 15:00	53.3	70.9	56.1	44.2
23/04/2021 15:15	51.2	67.2	54.5	43.3
23/04/2021 15:30	55.6	81.7	55.1	42.8
23/04/2021 15:45	49.2	63.7	52.5	41.4
23/04/2021 16:00	50.4	63.2	53.8	43.2
23/04/2021 16:15	50.9	65.2	54.1	43.0
23/04/2021 16:30	51.8	69.8	54.9	43.9
23/04/2021 16:45	50.3	64.1	53.6	42.7
23/04/2021 17:00	49.5	63.5	52.9	42.6
23/04/2021 17:15	47.6	63.5	50.6	41.7
23/04/2021 17:30	50.6	70.8	52.6	41.6
23/04/2021 17:45	55.8	75.6	59.0	45.3
23/04/2021 18:00	55.0	72.8	57.9	47.2
23/04/2021 18:15	55.8	75.7	58.7	46.7
23/04/2021 18:30	56.9	73.4	60.2	47.7
23/04/2021 18:45	58.1	79.3	61.1	48.8
23/04/2021 19:00	57.2	73.0	60.8	44.4
23/04/2021 19:15	52.3	72.4	55.2	41.3
23/04/2021 19:30	50.0	71.0	52.6	39.8
23/04/2021 19:45	46.4	65.6	50.2	38.9
23/04/2021 20:00	45.2	63.2	47.9	38.4
23/04/2021 20:15	50.0	65.8	52.8	39.6
23/04/2021 20:30	46.1	64.6	50.1	38.1

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
23/04/2021 20:45	41.2	60.8	42.0	35.6
23/04/2021 21:00	43.5	63.0	42.8	35.3
23/04/2021 21:15	44.7	62.0	47.8	36.2
23/04/2021 21:30	39.0	56.3	40.1	34.2
23/04/2021 21:45	44.5	63.4	47.0	34.0
23/04/2021 22:00	43.8	63.4	45.1	33.3
23/04/2021 22:15	51.3	79.2	44.7	33.8
23/04/2021 22:30	44.5	67.0	40.6	32.2
23/04/2021 22:45	41.4	67.0	38.7	33.8
23/04/2021 23:00	36.2	49.0	38.3	33.0
23/04/2021 23:15	42.3	65.8	41.5	33.7
23/04/2021 23:30	43.4	64.8	41.6	32.4
23/04/2021 23:45	41.0	62.5	41.2	32.7
24/04/2021 00:00	43.2	65.7	41.1	32.5
24/04/2021 00:15	42.3	64.0	41.5	30.4
24/04/2021 00:30	38.1	51.6	41.0	32.2
24/04/2021 00:45	34.0	46.2	36.6	30.2
24/04/2021 01:00	36.9	51.6	39.6	30.9
24/04/2021 01:15	41.9	61.9	42.1	30.7
24/04/2021 01:30	37.3	54.6	40.3	31.2
24/04/2021 01:45	40.6	64.6	38.8	29.6
24/04/2021 02:00	36.4	51.6	39.3	30.9
24/04/2021 02:15	36.9	49.6	40.0	31.1
24/04/2021 02:30	35.3	48.0	38.5	30.8
24/04/2021 02:45	35.3	46.6	37.9	30.5
24/04/2021 03:00	33.5	42.7	36.2	30.3
24/04/2021 03:15	35.2	44.2	37.5	31.5
24/04/2021 03:30	39.1	58.8	40.8	34.5
24/04/2021 03:45	37.9	52.8	39.6	35.0
24/04/2021 04:00	39.2	58.9	40.7	34.7
24/04/2021 04:15	36.7	48.3	38.5	34.0
24/04/2021 04:30	41.4	61.0	41.7	35.1
24/04/2021 04:45	41.8	60.7	43.3	36.9
24/04/2021 05:00	44.4	62.5	45.6	38.3
24/04/2021 05:15	46.0	58.9	49.2	41.0
24/04/2021 05:30	44.9	57.6	47.6	40.7
24/04/2021 05:45	51.3	69.5	53.6	40.9
24/04/2021 06:00	47.6	67.3	48.7	41.0
24/04/2021 06:15	45.4	62.0	48.1	40.5

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
24/04/2021 06:30	43.6	60.8	45.0	40.3
24/04/2021 06:45	49.0	67.1	51.6	40.8
24/04/2021 07:00	45.8	63.4	48.1	41.6
24/04/2021 07:15	44.5	59.9	46.7	40.6
24/04/2021 07:30	46.0	68.2	46.5	39.8
24/04/2021 07:45	44.7	57.8	47.1	40.1
24/04/2021 08:00	46.6	64.1	49.1	41.0
24/04/2021 08:15	46.6	64.2	48.6	40.7
24/04/2021 08:30	49.3	65.6	52.4	41.5
24/04/2021 08:45	50.1	64.7	53.9	42.5
24/04/2021 09:00	49.3	65.1	52.8	43.2
24/04/2021 09:15	50.8	64.2	53.9	45.3
24/04/2021 09:30	50.0	63.8	52.9	43.4
24/04/2021 09:45	52.7	72.0	55.5	45.1
24/04/2021 10:00	54.8	77.1	57.1	46.1
24/04/2021 10:15	55.5	75.7	58.2	45.8
24/04/2021 10:30	53.6	69.7	56.8	44.9
24/04/2021 10:45	54.2	72.2	57.4	46.1
24/04/2021 11:00	52.8	70.3	55.8	45.2
24/04/2021 11:15	52.1	74.2	55.4	44.6
24/04/2021 11:30	56.5	78.7	58.9	45.2
24/04/2021 11:45	56.8	79.3	60.0	45.8
24/04/2021 12:00	51.6	68.7	55.1	44.7
24/04/2021 12:15	50.1	65.1	53.1	44.0
24/04/2021 12:30	53.6	71.7	56.6	46.8
24/04/2021 12:45	55.5	72.7	59.0	46.8
24/04/2021 13:00	56.1	79.7	56.8	45.0
24/04/2021 13:15	55.4	71.9	58.3	47.8
24/04/2021 13:30	56.5	73.5	59.7	48.4
24/04/2021 13:45	59.1	78.3	62.5	47.1
24/04/2021 14:00	55.2	78.1	57.4	45.7
24/04/2021 14:15	54.4	71.6	57.6	43.3
24/04/2021 14:30	49.2	63.1	52.5	40.8
24/04/2021 14:45	47.2	66.2	49.8	41.2
24/04/2021 15:00	49.4	64.2	52.7	41.8
24/04/2021 15:15	51.6	71.6	54.5	42.4
24/04/2021 15:30	49.1	69.1	51.2	41.4
24/04/2021 15:45	47.8	61.3	51.4	41.4
24/04/2021 16:00	51.3	66.7	54.9	44.6

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
24/04/2021 16:15	50.0	63.8	53.6	42.6
24/04/2021 16:30	50.5	65.1	54.0	43.7
24/04/2021 16:45	49.0	65.4	52.0	42.7
24/04/2021 17:00	47.9	62.0	51.4	41.3
24/04/2021 17:15	49.9	65.1	53.0	41.9
24/04/2021 17:30	49.6	66.3	52.7	42.2
24/04/2021 17:45	45.8	61.9	48.3	40.5
24/04/2021 18:00	47.7	64.4	50.3	41.7
24/04/2021 18:15	49.3	71.7	52.2	41.9
24/04/2021 18:30	48.2	64.0	51.1	41.6
24/04/2021 18:45	45.5	62.2	46.8	39.9
24/04/2021 19:00	47.3	63.5	50.3	40.1
24/04/2021 19:15	46.7	62.5	49.2	41.1
24/04/2021 19:30	47.4	68.8	48.9	40.5
24/04/2021 19:45	44.4	64.0	46.3	39.3
24/04/2021 20:00	46.0	66.4	47.3	39.1
24/04/2021 20:15	46.4	74.6	46.0	37.4
24/04/2021 20:30	46.0	64.5	49.1	36.7
24/04/2021 20:45	44.2	62.7	46.2	36.5
24/04/2021 21:00	44.2	73.4	44.7	35.4
24/04/2021 21:15	40.8	57.9	42.0	35.8
24/04/2021 21:30	43.0	59.8	44.4	33.9
24/04/2021 21:45	39.9	57.5	42.4	34.2
24/04/2021 22:00	41.0	59.6	43.3	35.1
24/04/2021 22:15	38.5	49.1	41.2	33.7
24/04/2021 22:30	41.5	60.0	42.8	33.4
24/04/2021 22:45	41.1	63.8	39.2	33.6
24/04/2021 23:00	39.1	52.8	41.7	34.0
24/04/2021 23:15	38.7	48.5	41.3	34.5
24/04/2021 23:30	40.2	61.1	41.3	35.4
24/04/2021 23:45	39.5	54.7	41.5	34.8
25/04/2021 00:00	35.6	47.2	38.4	31.4
25/04/2021 00:15	37.3	51.2	39.4	32.4
25/04/2021 00:30	36.6	48.2	39.4	30.8
25/04/2021 00:45	40.3	64.7	37.7	31.7
25/04/2021 01:00	38.0	57.8	37.7	30.5
25/04/2021 01:15	35.2	48.8	37.7	30.5
25/04/2021 01:30	34.6	49.8	37.4	28.5
25/04/2021 01:45	34.6	49.3	37.6	28.9

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
25/04/2021 02:00	31.9	43.0	35.3	26.2
25/04/2021 02:15	33.7	42.3	35.9	28.7
25/04/2021 02:30	34.8	47.3	37.0	31.3
25/04/2021 02:45	34.0	42.8	35.9	31.4
25/04/2021 03:00	34.0	44.3	36.6	26.2
25/04/2021 03:15	31.6	47.7	33.6	26.8
25/04/2021 03:30	32.2	44.6	34.4	29.3
25/04/2021 03:45	30.5	44.7	32.9	26.7
25/04/2021 04:00	31.8	48.0	33.8	28.7
25/04/2021 04:15	32.1	43.4	33.9	29.3
25/04/2021 04:30	32.6	45.1	34.7	28.5
25/04/2021 04:45	32.1	44.6	35.0	28.1
25/04/2021 05:00	41.8	55.6	45.8	32.9
25/04/2021 05:15	44.6	59.7	48.5	37.7
25/04/2021 05:30	44.0	63.7	45.8	37.8
25/04/2021 05:45	46.4	61.2	50.6	38.1
25/04/2021 06:00	44.5	66.2	45.4	36.9
25/04/2021 06:15	45.9	62.8	49.7	37.1
25/04/2021 06:30	44.5	60.1	47.9	37.2
25/04/2021 06:45	44.5	63.4	44.8	36.8
25/04/2021 07:00	43.2	62.5	46.0	37.8
25/04/2021 07:15	45.1	61.0	49.2	37.0
25/04/2021 07:30	43.6	63.2	45.2	36.0
25/04/2021 07:45	45.6	63.1	49.9	35.4
25/04/2021 08:00	43.4	61.6	45.8	35.8
25/04/2021 08:15	42.2	60.3	44.5	36.5
25/04/2021 08:30	44.5	64.2	46.4	37.5
25/04/2021 08:45	49.7	73.2	52.5	39.5
25/04/2021 09:00	54.2	72.8	57.4	45.4
25/04/2021 09:15	54.7	72.2	58.4	45.6
25/04/2021 09:30	56.2	75.2	58.9	47.7
25/04/2021 09:45	55.2	74.9	58.0	47.4
25/04/2021 10:00	56.4	78.0	59.2	46.0
25/04/2021 10:15	51.9	70.2	55.2	43.9
25/04/2021 10:30	49.2	68.7	52.4	41.7
25/04/2021 10:45	48.5	67.1	51.6	40.9
25/04/2021 11:00	49.0	74.1	51.6	41.6
25/04/2021 11:15	51.9	74.5	54.4	41.6
25/04/2021 11:30	49.2	68.9	52.5	40.3

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
25/04/2021 11:45	51.4	83.1	51.7	40.1
25/04/2021 12:00	47.7	77.1	49.7	38.1
25/04/2021 12:15	44.4	64.5	46.8	38.1
25/04/2021 12:30	43.6	60.9	45.6	37.9
25/04/2021 12:45	46.5	63.8	49.2	38.7
25/04/2021 13:00	46.3	60.9	49.2	39.2
25/04/2021 13:15	47.4	60.6	51.4	39.1
25/04/2021 13:30	48.2	65.1	51.6	39.7
25/04/2021 13:45	43.3	58.8	45.8	38.5
25/04/2021 14:00	44.8	65.7	45.5	37.2
25/04/2021 14:15	44.5	62.9	46.5	38.1
25/04/2021 14:30	48.9	72.3	51.6	37.2
25/04/2021 14:45	44.2	62.1	46.4	37.8
25/04/2021 15:00	46.2	63.3	49.0	37.3
25/04/2021 15:15	46.0	63.8	48.3	38.7
25/04/2021 15:30	46.6	67.9	48.2	37.7
25/04/2021 15:45	46.5	60.4	49.7	39.8
25/04/2021 16:00	44.6	66.6	45.8	39.2
25/04/2021 16:15	45.8	60.4	48.6	39.5
25/04/2021 16:30	46.4	62.0	48.7	40.5
25/04/2021 16:45	46.8	62.3	49.4	41.3
25/04/2021 17:00	45.7	60.9	47.4	41.3
25/04/2021 17:15	45.9	64.5	47.5	40.4
25/04/2021 17:30	47.4	70.6	48.9	39.8
25/04/2021 17:45	45.3	59.3	48.4	38.7
25/04/2021 18:00	44.9	62.6	46.6	38.0
25/04/2021 18:15	45.6	64.6	47.2	39.1
25/04/2021 18:30	44.5	62.8	46.2	38.4
25/04/2021 18:45	44.3	62.2	46.2	37.0
25/04/2021 19:00	43.9	63.4	44.9	37.1
25/04/2021 19:15	48.5	71.5	49.2	38.4
25/04/2021 19:30	46.3	67.1	46.5	39.8
25/04/2021 19:45	45.7	65.6	46.9	39.5
25/04/2021 20:00	47.7	79.2	44.6	38.8
25/04/2021 20:15	46.3	64.0	47.9	39.7
25/04/2021 20:30	47.0	68.5	48.3	38.5
25/04/2021 20:45	42.5	62.8	42.7	37.4
25/04/2021 21:00	43.5	64.0	43.7	36.9
25/04/2021 21:15	45.7	64.2	47.7	36.2

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
25/04/2021 21:30	43.0	61.8	42.3	35.5
25/04/2021 21:45	44.8	66.3	42.4	36.5
25/04/2021 22:00	43.4	71.9	42.8	37.6
25/04/2021 22:15	44.3	66.7	43.2	35.6
25/04/2021 22:30	42.2	61.5	43.6	35.4
25/04/2021 22:45	41.7	61.1	41.4	34.1
25/04/2021 23:00	39.9	60.8	40.9	34.1
25/04/2021 23:15	35.6	42.7	37.5	33.0
25/04/2021 23:30	35.3	46.0	37.5	32.6
25/04/2021 23:45	34.6	46.3	36.9	30.7
26/04/2021 00:00	35.3	50.6	37.9	30.1
26/04/2021 00:15	33.6	46.0	36.5	28.7
26/04/2021 00:30	31.3	42.2	33.6	26.9
26/04/2021 00:45	39.0	62.5	39.6	28.5
26/04/2021 01:00	30.5	40.4	31.9	28.0
26/04/2021 01:15	36.0	49.0	38.4	32.1
26/04/2021 01:30	34.8	47.1	36.9	31.5
26/04/2021 01:45	33.8	45.2	36.0	30.3
26/04/2021 02:00	33.8	45.8	36.3	29.3
26/04/2021 02:15	33.5	49.6	36.2	29.0
26/04/2021 02:30	33.2	44.0	36.5	28.5
26/04/2021 02:45	34.8	43.7	37.0	32.0
26/04/2021 03:00	38.5	58.6	40.7	30.0
26/04/2021 03:15	32.8	43.2	34.5	30.4
26/04/2021 03:30	35.6	46.9	37.6	32.7
26/04/2021 03:45	35.5	56.3	37.8	31.3
26/04/2021 04:00	37.4	47.2	39.8	33.9
26/04/2021 04:15	37.2	48.4	39.4	33.9
26/04/2021 04:30	37.8	55.0	39.3	33.3
26/04/2021 04:45	41.5	59.2	41.6	36.3
26/04/2021 05:00	44.9	63.0	48.2	38.5
26/04/2021 05:15	48.6	70.2	48.3	40.3
26/04/2021 05:30	47.5	68.6	49.5	40.9
26/04/2021 05:45	53.5	72.8	55.3	42.3
26/04/2021 06:00	46.1	62.1	48.5	42.2
26/04/2021 06:15	47.3	68.1	46.7	42.1
26/04/2021 06:30	46.8	64.1	48.8	41.9
26/04/2021 06:45	47.9	65.8	49.7	43.0
26/04/2021 07:00	48.7	66.8	51.1	43.6

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
26/04/2021 07:15	49.5	64.8	52.7	43.6
26/04/2021 07:30	52.4	71.7	54.6	43.5
26/04/2021 07:45	52.2	70.7	54.8	43.0
26/04/2021 08:00	51.4	76.1	53.8	41.9
26/04/2021 08:15	51.5	71.3	54.3	42.5
26/04/2021 08:30	50.1	67.2	53.6	41.5
26/04/2021 08:45	51.7	70.3	53.8	41.2
26/04/2021 09:00	49.3	77.8	51.6	40.2
26/04/2021 09:15	48.7	65.0	52.3	40.3
26/04/2021 09:30	48.2	69.3	50.5	39.3
26/04/2021 09:45	47.9	65.6	51.0	40.1
26/04/2021 10:00	48.2	67.7	50.6	40.4
26/04/2021 10:15	47.1	62.3	50.2	39.7
26/04/2021 10:30	47.5	67.3	49.6	38.5
26/04/2021 10:45	48.0	64.0	51.3	40.1
26/04/2021 11:00	48.8	65.1	51.5	41.4
26/04/2021 11:15	48.6	66.6	51.4	41.9
26/04/2021 11:30	47.9	63.0	50.5	42.1
26/04/2021 11:45	49.4	69.3	51.7	43.1
26/04/2021 12:00	50.2	69.7	53.5	39.3

Table 02-03
Location 3 Survey Results dB(A)

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
23/04/2021 14:00	62.9	84.8	62.1	44.9
23/04/2021 14:15	59.6	83.3	54.1	45.2
23/04/2021 14:30	60.6	82.5	57.3	45.5
23/04/2021 14:45	61.7	87.2	59.5	45.1
23/04/2021 15:00	64.2	88.5	63.3	44.0
23/04/2021 15:15	61.4	85.3	57.7	43.2
23/04/2021 15:30	61.8	81.8	61.3	43.1
23/04/2021 15:45	59.7	81.2	56.3	43.2
23/04/2021 16:00	59.2	79.2	58.2	43.3
23/04/2021 16:15	72.1	109.0	62.2	44.9
23/04/2021 16:30	62.3	84.2	62.3	45.7
23/04/2021 16:45	61.0	81.4	58.6	43.1
23/04/2021 17:00	60.8	83.3	61.1	44.7
23/04/2021 17:15	56.8	80.4	51.9	42.7
23/04/2021 17:30	63.3	82.5	63.9	43.7

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
23/04/2021 17:45	62.2	81.7	64.9	43.5
23/04/2021 18:00	61.2	82.4	60.3	43.8
23/04/2021 18:15	61.2	82.0	56.3	43.8
23/04/2021 18:30	59.7	81.7	51.5	43.4
23/04/2021 18:45	58.4	80.2	53.9	43.0
23/04/2021 19:00	61.3	82.2	60.7	42.5
23/04/2021 19:15	63.3	85.7	63.7	42.2
23/04/2021 19:30	60.8	80.0	60.5	40.7
23/04/2021 19:45	56.7	78.5	49.3	39.8
23/04/2021 20:00	57.2	84.4	46.2	39.9
23/04/2021 20:15	58.1	83.3	53.4	41.9
23/04/2021 20:30	57.4	83.9	53.8	40.2
23/04/2021 20:45	52.5	79.7	50.1	37.5
23/04/2021 21:00	55.5	81.6	45.9	35.3
23/04/2021 21:15	57.4	82.9	47.5	38.0
23/04/2021 21:30	52.9	82.4	44.4	36.7
23/04/2021 21:45	57.6	83.9	45.6	35.0
23/04/2021 22:00	57.6	83.3	43.6	36.1
23/04/2021 22:15	63.9	96.7	45.3	36.2
23/04/2021 22:30	56.0	88.3	43.3	33.7
23/04/2021 22:45	54.2	84.6	43.6	35.0
23/04/2021 23:00	40.1	53.2	43.3	33.7
23/04/2021 23:15	55.7	86.7	45.6	34.8
23/04/2021 23:30	55.8	84.5	46.3	33.3
23/04/2021 23:45	53.4	81.6	44.3	33.5
24/04/2021 00:00	57.9	87.5	46.5	33.5
24/04/2021 00:15	50.4	76.1	45.0	31.1
24/04/2021 00:30	42.0	56.4	46.1	32.4
24/04/2021 00:45	37.2	51.8	40.9	30.9
24/04/2021 01:00	41.1	55.5	45.5	32.1
24/04/2021 01:15	43.7	65.7	46.8	31.1
24/04/2021 01:30	42.0	61.2	45.0	31.3
24/04/2021 01:45	54.8	85.3	43.1	30.7
24/04/2021 02:00	40.0	54.7	43.2	31.7
24/04/2021 02:15	42.1	57.2	45.9	31.9
24/04/2021 02:30	39.4	53.2	43.5	31.9
24/04/2021 02:45	40.7	60.5	44.5	32.3
24/04/2021 03:00	37.2	52.0	39.5	31.2
24/04/2021 03:15	40.4	61.9	43.3	32.9

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
24/04/2021 03:30	42.5	50.8	45.0	37.5
24/04/2021 03:45	42.8	61.1	45.1	39.0
24/04/2021 04:00	47.4	75.4	45.3	37.8
24/04/2021 04:15	40.7	51.7	43.2	37.0
24/04/2021 04:30	53.4	79.6	44.7	37.8
24/04/2021 04:45	53.8	83.9	46.7	40.1
24/04/2021 05:00	47.0	68.0	48.2	41.8
24/04/2021 05:15	53.3	69.8	55.6	44.5
24/04/2021 05:30	51.0	66.3	53.9	44.5
24/04/2021 05:45	55.5	82.2	56.8	45.0
24/04/2021 06:00	53.6	74.9	57.7	45.0
24/04/2021 06:15	53.8	79.1	53.0	44.9
24/04/2021 06:30	51.6	74.2	52.3	44.7
24/04/2021 06:45	59.4	84.7	53.6	44.5
24/04/2021 07:00	53.4	69.9	57.2	45.2
24/04/2021 07:15	52.9	81.3	48.8	43.8
24/04/2021 07:30	57.7	84.0	52.8	42.8
24/04/2021 07:45	49.9	74.8	49.8	43.3
24/04/2021 08:00	54.8	80.6	48.6	42.7
24/04/2021 08:15	55.9	82.5	51.7	43.2
24/04/2021 08:30	59.1	85.6	55.2	43.9
24/04/2021 08:45	62.1	83.5	59.6	44.2
24/04/2021 09:00	59.1	81.4	53.6	45.2
24/04/2021 09:15	62.5	82.8	63.2	46.3
24/04/2021 09:30	61.0	83.1	57.0	45.0
24/04/2021 09:45	60.6	82.6	58.6	45.9
24/04/2021 10:00	61.9	87.8	60.3	46.3
24/04/2021 10:15	61.2	85.1	56.4	46.2
24/04/2021 10:30	61.4	84.1	57.7	45.6
24/04/2021 10:45	61.3	80.8	62.3	45.7
24/04/2021 11:00	59.3	85.3	56.4	45.2
24/04/2021 11:15	61.0	81.4	59.7	45.1
24/04/2021 11:30	62.5	87.0	56.8	44.0
24/04/2021 11:45	58.6	78.3	57.1	44.3
24/04/2021 12:00	62.4	80.8	65.9	45.1
24/04/2021 12:15	61.8	82.2	63.0	45.7
24/04/2021 12:30	60.9	80.5	60.8	46.7
24/04/2021 12:45	60.4	82.3	58.4	47.4
24/04/2021 13:00	60.1	83.3	56.2	45.5

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
24/04/2021 13:15	61.9	85.4	59.9	45.4
24/04/2021 13:30	60.6	82.5	55.7	45.6
24/04/2021 13:45	58.4	80.3	54.7	44.5
24/04/2021 14:00	62.3	81.8	65.6	44.3
24/04/2021 14:15	60.3	80.3	61.7	43.3
24/04/2021 14:30	59.5	82.0	55.7	42.4
24/04/2021 14:45	56.2	80.3	49.0	41.2
24/04/2021 15:00	59.0	79.5	54.5	43.0
24/04/2021 15:15	60.1	82.4	59.3	43.3
24/04/2021 15:30	60.2	88.9	53.4	42.6
24/04/2021 15:45	57.0	79.9	51.1	42.4
24/04/2021 16:00	58.8	84.7	51.5	43.1
24/04/2021 16:15	58.9	80.7	50.6	42.6
24/04/2021 16:30	58.9	79.7	56.0	44.0
24/04/2021 16:45	59.4	82.6	54.3	43.5
24/04/2021 17:00	57.5	79.1	49.7	42.9
24/04/2021 17:15	60.8	84.6	53.2	43.5
24/04/2021 17:30	60.7	82.2	52.0	43.0
24/04/2021 17:45	53.7	79.4	49.7	41.9
24/04/2021 18:00	58.1	81.9	53.0	43.3
24/04/2021 18:15	59.1	82.2	55.7	43.3
24/04/2021 18:30	59.6	84.6	51.4	42.6
24/04/2021 18:45	57.3	81.1	51.4	41.6
24/04/2021 19:00	59.6	80.7	53.0	42.9
24/04/2021 19:15	55.0	77.5	50.4	43.5
24/04/2021 19:30	58.8	84.9	55.4	42.2
24/04/2021 19:45	55.2	83.8	48.8	41.8
24/04/2021 20:00	57.1	79.1	49.4	40.9
24/04/2021 20:15	56.9	82.5	51.5	39.4
24/04/2021 20:30	55.1	81.3	51.1	40.2
24/04/2021 20:45	58.4	85.3	52.9	39.2
24/04/2021 21:00	54.5	79.7	44.5	37.8
24/04/2021 21:15	50.2	76.1	41.5	36.9
24/04/2021 21:30	56.2	80.5	44.3	35.7
24/04/2021 21:45	48.9	77.1	43.6	34.8
24/04/2021 22:00	50.5	79.0	43.9	36.8
24/04/2021 22:15	39.7	47.2	42.2	35.7
24/04/2021 22:30	53.1	83.1	43.4	35.0
24/04/2021 22:45	54.8	83.8	43.8	34.7

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
24/04/2021 23:00	42.1	56.3	45.7	35.4
24/04/2021 23:15	42.8	57.5	45.5	36.3
24/04/2021 23:30	40.9	55.4	43.3	35.3
24/04/2021 23:45	50.3	79.7	43.8	34.0
25/04/2021 00:00	38.0	49.2	41.5	32.4
25/04/2021 00:15	40.1	61.4	42.4	32.3
25/04/2021 00:30	39.7	64.9	42.2	31.8
25/04/2021 00:45	52.8	82.5	43.3	32.4
25/04/2021 01:00	52.4	81.1	42.7	33.9
25/04/2021 01:15	37.6	55.0	39.5	29.2
25/04/2021 01:30	35.9	55.4	38.9	27.9
25/04/2021 01:45	38.8	54.8	41.8	28.6
25/04/2021 02:00	35.6	51.2	39.4	27.4
25/04/2021 02:15	36.4	50.8	38.7	29.9
25/04/2021 02:30	39.4	63.8	41.5	34.0
25/04/2021 02:45	36.8	59.7	37.4	32.6
25/04/2021 03:00	37.6	53.0	40.2	28.6
25/04/2021 03:15	35.6	52.1	37.3	27.6
25/04/2021 03:30	35.2	50.7	39.1	28.8
25/04/2021 03:45	32.1	48.1	34.0	27.2
25/04/2021 04:00	34.4	52.6	37.0	29.6
25/04/2021 04:15	39.9	63.3	37.8	30.3
25/04/2021 04:30	42.2	66.0	39.8	28.9
25/04/2021 04:45	38.6	53.5	41.7	28.5
25/04/2021 05:00	50.0	72.2	52.0	36.5
25/04/2021 05:15	52.2	67.5	56.9	40.9
25/04/2021 05:30	55.1	82.7	56.1	39.9
25/04/2021 05:45	50.6	67.7	55.3	38.3
25/04/2021 06:00	48.8	66.6	50.8	38.0
25/04/2021 06:15	48.2	67.2	51.5	38.0
25/04/2021 06:30	54.4	78.5	57.9	39.0
25/04/2021 06:45	58.5	83.0	59.6	38.8
25/04/2021 07:00	51.8	77.8	50.5	38.5
25/04/2021 07:15	58.8	91.7	57.3	39.3
25/04/2021 07:30	55.2	81.1	50.0	37.4
25/04/2021 07:45	58.2	81.3	52.1	37.9
25/04/2021 08:00	54.8	83.1	49.8	39.1
25/04/2021 08:15	53.5	80.2	48.5	38.9
25/04/2021 08:30	60.1	83.1	56.3	41.1

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
25/04/2021 08:45	64.4	87.5	67.8	42.7
25/04/2021 09:00	63.0	83.8	63.2	42.3
25/04/2021 09:15	59.8	79.6	57.6	42.8
25/04/2021 09:30	61.3	85.7	55.5	41.9
25/04/2021 09:45	55.8	77.1	52.8	42.3
25/04/2021 10:00	62.9	79.9	66.9	42.4
25/04/2021 10:15	62.9	79.8	67.0	41.8
25/04/2021 10:30	63.8	80.6	67.9	41.7
25/04/2021 10:45	60.8	84.6	58.3	43.6
25/04/2021 11:00	59.7	80.2	58.8	43.2
25/04/2021 11:15	61.0	86.6	56.7	41.9
25/04/2021 11:30	58.2	82.4	51.5	40.3
25/04/2021 11:45	60.4	84.8	58.1	39.7
25/04/2021 12:00	61.1	81.4	63.0	42.1
25/04/2021 12:15	57.7	81.7	53.5	41.3
25/04/2021 12:30	55.1	81.1	48.4	41.2
25/04/2021 12:45	59.4	79.9	54.4	41.6
25/04/2021 13:00	59.8	81.0	53.6	42.3
25/04/2021 13:15	60.1	81.2	55.3	42.6
25/04/2021 13:30	59.6	80.5	57.0	42.7
25/04/2021 13:45	54.7	80.2	52.0	42.2
25/04/2021 14:00	57.5	84.0	50.0	39.8
25/04/2021 14:15	56.0	81.0	49.1	40.3
25/04/2021 14:30	60.8	83.2	55.9	39.2
25/04/2021 14:45	55.6	81.6	50.0	38.9
25/04/2021 15:00	58.4	80.4	52.3	38.4
25/04/2021 15:15	57.1	78.6	53.6	40.0
25/04/2021 15:30	59.1	80.4	54.2	38.4
25/04/2021 15:45	57.7	78.9	54.4	40.0
25/04/2021 16:00	55.8	78.7	48.2	40.3
25/04/2021 16:15	55.5	76.4	47.7	40.0
25/04/2021 16:30	58.3	80.3	50.6	40.6
25/04/2021 16:45	58.8	84.5	55.4	41.3
25/04/2021 17:00	56.6	79.5	49.5	41.3
25/04/2021 17:15	54.6	77.6	48.0	40.6
25/04/2021 17:30	59.7	84.3	49.2	40.3
25/04/2021 17:45	58.2	83.0	52.0	39.0
25/04/2021 18:00	57.8	79.9	51.9	39.2
25/04/2021 18:15	57.7	82.5	50.1	40.8

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
25/04/2021 18:30	57.0	79.3	55.5	40.6
25/04/2021 18:45	56.5	79.3	54.4	39.4
25/04/2021 19:00	55.5	80.4	53.3	39.0
25/04/2021 19:15	55.8	81.2	47.8	40.5
25/04/2021 19:30	54.8	80.4	49.8	41.5
25/04/2021 19:45	57.7	82.6	52.0	41.0
25/04/2021 20:00	51.8	75.9	49.3	40.8
25/04/2021 20:15	58.2	83.3	55.3	41.2
25/04/2021 20:30	59.8	89.2	55.1	40.1
25/04/2021 20:45	54.3	80.2	48.5	38.9
25/04/2021 21:00	55.1	82.4	46.0	39.1
25/04/2021 21:15	59.2	83.4	47.4	37.2
25/04/2021 21:30	55.9	79.5	43.3	36.8
25/04/2021 21:45	58.2	85.5	44.0	37.4
25/04/2021 22:00	53.8	81.6	44.7	38.5
25/04/2021 22:15	58.9	89.4	45.9	37.0
25/04/2021 22:30	54.4	83.6	47.7	36.5
25/04/2021 22:45	53.5	80.5	44.4	35.2
25/04/2021 23:00	51.3	80.8	43.9	35.5
25/04/2021 23:15	36.6	46.4	39.0	33.0
25/04/2021 23:30	37.5	49.5	40.2	33.0
25/04/2021 23:45	36.8	52.5	39.1	31.7
26/04/2021 00:00	37.1	55.9	38.7	31.5
26/04/2021 00:15	36.5	61.3	38.8	30.4
26/04/2021 00:30	34.3	50.7	35.1	29.3
26/04/2021 00:45	39.8	56.2	42.7	29.6
26/04/2021 01:00	34.5	54.6	35.6	28.6
26/04/2021 01:15	38.5	54.5	42.5	30.0
26/04/2021 01:30	37.8	54.8	41.0	30.3
26/04/2021 01:45	35.2	56.4	37.4	28.8
26/04/2021 02:00	36.5	51.9	39.8	30.0
26/04/2021 02:15	37.8	64.2	37.6	30.3
26/04/2021 02:30	38.4	63.5	37.0	29.9
26/04/2021 02:45	37.7	51.8	40.2	31.3
26/04/2021 03:00	42.1	63.7	43.7	31.7
26/04/2021 03:15	34.5	51.8	35.6	31.4
26/04/2021 03:30	39.0	52.5	42.1	32.6
26/04/2021 03:45	39.4	62.5	41.9	31.7
26/04/2021 04:00	43.7	64.9	45.0	33.4

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
26/04/2021 04:15	41.5	55.8	44.6	34.9
26/04/2021 04:30	48.4	76.4	44.1	34.2
26/04/2021 04:45	54.2	81.2	46.7	37.8
26/04/2021 05:00	53.7	80.9	52.5	40.4
26/04/2021 05:15	57.5	82.1	57.7	43.0
26/04/2021 05:30	58.5	85.7	57.6	44.5
26/04/2021 05:45	56.9	83.8	55.0	44.4
26/04/2021 06:00	56.7	81.5	54.7	44.7
26/04/2021 06:15	59.7	84.7	55.3	45.4
26/04/2021 06:30	57.2	78.4	55.4	44.9
26/04/2021 06:45	61.7	83.6	55.5	46.2
26/04/2021 07:00	61.4	84.5	55.8	47.1
26/04/2021 07:15	62.1	89.4	58.6	47.3
26/04/2021 07:30	64.2	85.2	60.5	47.4
26/04/2021 07:45	64.1	85.3	63.5	47.2
26/04/2021 08:00	63.7	84.0	62.5	46.0
26/04/2021 08:15	64.2	85.3	62.8	46.8
26/04/2021 08:30	62.9	85.8	58.6	46.4
26/04/2021 08:45	62.8	82.8	63.3	45.2
26/04/2021 09:00	61.3	81.5	60.0	45.5
26/04/2021 09:15	61.9	82.1	62.8	45.1
26/04/2021 09:30	60.9	81.2	53.0	43.4
26/04/2021 09:45	61.1	87.8	55.0	44.2
26/04/2021 10:00	60.2	81.4	54.3	43.4
26/04/2021 10:15	62.2	85.2	58.4	44.3
26/04/2021 10:30	61.2	89.2	56.1	43.8
26/04/2021 10:45	60.8	80.6	58.4	43.7
26/04/2021 11:00	59.7	83.4	55.5	43.0
26/04/2021 11:15	60.7	82.4	55.6	42.9
26/04/2021 11:30	60.8	81.3	54.7	43.1
26/04/2021 11:45	60.1	78.7	57.5	42.6
26/04/2021 12:00	64.1	81.2	65.1	43.6

Table 02-04
Location 4 Survey Results dB(A)

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
23/04/2021 14:00	54.3	71.0	56.2	49.6
23/04/2021 14:15	53.0	67.4	55.0	49.7
23/04/2021 14:30	53.2	64.9	55.6	49.9

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
23/04/2021 14:45	53.2	67.5	55.5	49.6
23/04/2021 15:00	55.0	71.8	57.5	49.2
23/04/2021 15:15	56.2	73.9	58.7	49.1
23/04/2021 15:30	56.0	72.3	58.3	48.3
23/04/2021 15:45	58.4	83.9	58.0	49.6
23/04/2021 16:00	56.1	76.8	59.6	49.2
23/04/2021 16:15	52.5	63.7	55.1	48.8
23/04/2021 16:30	53.7	69.8	56.3	49.4
23/04/2021 16:45	51.9	61.6	54.2	48.6
23/04/2021 17:00	53.0	68.7	55.5	49.1
23/04/2021 17:15	52.3	67.7	53.9	48.4
23/04/2021 17:30	53.3	68.9	56.0	47.6
23/04/2021 17:45	55.9	70.6	59.4	48.4
23/04/2021 18:00	54.9	70.7	57.7	48.9
23/04/2021 18:15	52.9	70.1	55.6	48.5
23/04/2021 18:30	54.8	72.7	57.2	48.4
23/04/2021 18:45	54.4	71.8	56.6	47.7
23/04/2021 19:00	51.3	66.0	54.2	46.9
23/04/2021 19:15	51.2	70.8	54.3	46.4
23/04/2021 19:30	55.5	75.1	57.7	45.2
23/04/2021 19:45	57.2	74.9	61.2	44.4
23/04/2021 20:00	49.1	66.8	51.5	44.0
23/04/2021 20:15	51.4	68.6	53.7	44.7
23/04/2021 20:30	49.1	65.4	51.6	44.6
23/04/2021 20:45	46.5	62.4	48.6	42.7
23/04/2021 21:00	46.2	60.4	48.6	41.4
23/04/2021 21:15	49.6	70.7	51.3	42.9
23/04/2021 21:30	46.0	56.6	48.8	42.3
23/04/2021 21:45	46.1	63.8	47.8	41.9
23/04/2021 22:00	45.8	63.1	47.5	41.3
23/04/2021 22:15	52.0	80.0	47.8	41.3
23/04/2021 22:30	44.8	61.3	47.0	40.7
23/04/2021 22:45	45.0	65.8	47.1	41.3
23/04/2021 23:00	44.5	63.8	46.4	40.9
23/04/2021 23:15	45.1	57.4	47.7	41.2
23/04/2021 23:30	46.2	64.1	48.5	40.6
23/04/2021 23:45	43.9	61.2	45.5	39.9
24/04/2021 00:00	44.5	62.7	45.5	40.2
24/04/2021 00:15	44.5	63.1	46.1	39.7

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
24/04/2021 00:30	43.6	57.1	45.9	39.8
24/04/2021 00:45	42.5	53.3	45.0	39.8
24/04/2021 01:00	43.2	52.4	46.1	39.8
24/04/2021 01:15	44.1	60.4	46.8	40.0
24/04/2021 01:30	43.8	55.7	46.5	39.8
24/04/2021 01:45	43.4	63.3	44.3	39.4
24/04/2021 02:00	42.4	52.8	44.7	39.8
24/04/2021 02:15	44.8	54.4	48.1	40.6
24/04/2021 02:30	43.6	56.2	46.0	40.1
24/04/2021 02:45	42.5	54.4	44.9	39.7
24/04/2021 03:00	42.9	56.5	45.0	39.8
24/04/2021 03:15	42.4	51.3	44.5	40.0
24/04/2021 03:30	47.3	57.4	50.2	42.7
24/04/2021 03:45	49.0	59.4	51.6	45.2
24/04/2021 04:00	48.9	58.3	51.7	44.7
24/04/2021 04:15	47.7	56.5	50.5	44.1
24/04/2021 04:30	48.5	61.5	51.1	44.3
24/04/2021 04:45	49.9	60.9	52.6	45.8
24/04/2021 05:00	52.0	65.6	55.2	46.2
24/04/2021 05:15	54.3	67.8	57.5	48.0
24/04/2021 05:30	53.6	65.5	56.6	48.9
24/04/2021 05:45	52.7	69.9	55.2	48.7
24/04/2021 06:00	52.2	66.9	54.5	47.9
24/04/2021 06:15	52.2	68.2	54.5	48.1
24/04/2021 06:30	52.2	64.8	54.5	48.3
24/04/2021 06:45	52.8	66.3	55.1	48.5
24/04/2021 07:00	52.9	68.6	55.0	48.5
24/04/2021 07:15	53.8	79.0	55.5	49.1
24/04/2021 07:30	52.3	69.9	54.7	47.9
24/04/2021 07:45	52.3	71.7	54.4	48.1
24/04/2021 08:00	52.0	71.7	53.8	47.6
24/04/2021 08:15	50.8	66.8	53.1	47.5
24/04/2021 08:30	51.1	66.8	53.8	47.5
24/04/2021 08:45	51.2	63.7	53.8	47.0
24/04/2021 09:00	53.6	73.5	54.9	47.8
24/04/2021 09:15	55.1	76.9	56.0	48.9
24/04/2021 09:30	52.4	69.2	54.4	48.8
24/04/2021 09:45	52.9	68.9	55.3	49.2
24/04/2021 10:00	52.5	65.2	55.0	48.8

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
24/04/2021 10:15	52.7	67.5	54.6	49.5
24/04/2021 10:30	53.3	70.8	55.4	49.0
24/04/2021 10:45	52.6	71.8	54.8	48.7
24/04/2021 11:00	52.1	65.0	54.7	48.6
24/04/2021 11:15	51.8	73.8	53.5	48.0
24/04/2021 11:30	52.7	70.5	54.6	47.7
24/04/2021 11:45	50.4	64.3	52.0	47.4
24/04/2021 12:00	53.4	76.0	56.0	48.6
24/04/2021 12:15	54.0	69.4	56.6	48.9
24/04/2021 12:30	53.8	72.1	55.7	48.4
24/04/2021 12:45	54.3	70.0	57.1	49.0
24/04/2021 13:00	51.8	68.9	53.7	47.8
24/04/2021 13:15	52.5	72.8	54.0	47.8
24/04/2021 13:30	51.3	65.1	53.6	47.9
24/04/2021 13:45	50.6	68.2	52.6	47.4
24/04/2021 14:00	51.8	71.3	54.6	47.4
24/04/2021 14:15	55.2	71.6	57.8	48.0
24/04/2021 14:30	50.1	69.0	52.1	47.3
24/04/2021 14:45	50.7	69.2	52.7	46.0
24/04/2021 15:00	52.0	67.3	55.0	46.5
24/04/2021 15:15	53.9	73.9	55.6	47.2
24/04/2021 15:30	53.9	73.4	54.6	47.5
24/04/2021 15:45	50.4	61.1	52.2	47.4
24/04/2021 16:00	51.5	74.0	52.5	46.7
24/04/2021 16:15	52.3	71.9	54.8	46.5
24/04/2021 16:30	51.5	71.3	53.7	47.0
24/04/2021 16:45	51.8	70.7	53.9	47.6
24/04/2021 17:00	51.4	75.3	53.3	47.3
24/04/2021 17:15	51.4	68.3	53.6	47.8
24/04/2021 17:30	52.2	70.7	54.6	46.9
24/04/2021 17:45	51.0	74.5	52.4	46.9
24/04/2021 18:00	49.6	68.8	50.7	46.4
24/04/2021 18:15	56.3	78.5	58.5	47.0
24/04/2021 18:30	50.0	69.0	51.3	46.8
24/04/2021 18:45	51.2	73.2	54.2	46.3
24/04/2021 19:00	51.1	73.1	53.3	46.4
24/04/2021 19:15	52.8	71.7	54.6	46.7
24/04/2021 19:30	50.4	70.7	51.3	45.6
24/04/2021 19:45	50.1	67.9	51.5	45.8

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
24/04/2021 20:00	48.8	65.2	50.3	45.4
24/04/2021 20:15	48.0	69.7	49.4	44.4
24/04/2021 20:30	49.0	66.0	51.6	44.2
24/04/2021 20:45	54.4	72.7	57.8	43.1
24/04/2021 21:00	48.0	66.9	49.3	43.0
24/04/2021 21:15	44.6	60.9	46.0	42.2
24/04/2021 21:30	45.2	63.8	46.4	41.6
24/04/2021 21:45	43.2	56.8	44.6	41.1
24/04/2021 22:00	44.3	57.4	46.2	41.9
24/04/2021 22:15	43.2	47.7	44.5	41.8
24/04/2021 22:30	43.6	56.8	45.5	41.0
24/04/2021 22:45	45.2	64.9	46.2	41.3
24/04/2021 23:00	45.3	58.0	47.6	41.3
24/04/2021 23:15	44.1	55.8	46.3	41.3
24/04/2021 23:30	44.3	61.3	46.2	41.1
24/04/2021 23:45	43.9	56.8	46.3	40.9
25/04/2021 00:00	41.8	51.7	43.4	40.2
25/04/2021 00:15	43.6	61.8	45.1	39.9
25/04/2021 00:30	42.9	56.3	45.0	40.0
25/04/2021 00:45	43.4	62.5	43.5	40.6
25/04/2021 01:00	44.9	60.0	47.4	41.2
25/04/2021 01:15	41.5	48.2	42.8	40.0
25/04/2021 01:30	42.8	56.2	45.1	39.4
25/04/2021 01:45	41.6	54.0	43.3	39.3
25/04/2021 02:00	41.8	51.1	43.6	39.7
25/04/2021 02:15	42.0	53.0	43.7	40.1
25/04/2021 02:30	43.0	56.8	43.4	40.8
25/04/2021 02:45	42.6	62.0	43.3	40.4
25/04/2021 03:00	42.3	52.9	43.7	40.4
25/04/2021 03:15	41.6	51.1	43.4	39.7
25/04/2021 03:30	41.2	49.1	42.6	39.8
25/04/2021 03:45	41.0	48.0	42.3	39.4
25/04/2021 04:00	41.8	52.6	43.3	40.1
25/04/2021 04:15	41.3	49.2	42.4	40.0
25/04/2021 04:30	42.3	52.6	44.4	40.1
25/04/2021 04:45	44.5	63.8	46.4	40.0
25/04/2021 05:00	52.6	66.0	57.1	41.6
25/04/2021 05:15	54.0	68.0	58.2	44.2
25/04/2021 05:30	52.0	64.3	56.2	44.1

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
25/04/2021 05:45	47.9	60.4	50.6	43.1
25/04/2021 06:00	48.0	63.6	51.0	42.5
25/04/2021 06:15	47.5	67.8	50.2	43.2
25/04/2021 06:30	54.7	75.1	54.3	43.4
25/04/2021 06:45	52.3	74.3	53.8	43.5
25/04/2021 07:00	50.7	65.8	53.4	43.8
25/04/2021 07:15	48.4	73.3	50.3	43.3
25/04/2021 07:30	48.1	67.4	50.3	42.6
25/04/2021 07:45	48.8	68.9	51.3	42.8
25/04/2021 08:00	48.9	62.5	52.0	43.3
25/04/2021 08:15	47.4	64.7	49.9	43.6
25/04/2021 08:30	49.0	65.3	51.2	44.5
25/04/2021 08:45	52.1	72.7	55.2	46.2
25/04/2021 09:00	52.0	68.8	55.1	45.6
25/04/2021 09:15	51.1	68.7	53.8	46.3
25/04/2021 09:30	49.9	65.2	51.8	45.6
25/04/2021 09:45	49.6	65.2	51.3	45.5
25/04/2021 10:00	51.0	67.3	54.0	46.0
25/04/2021 10:15	51.5	64.7	54.9	46.1
25/04/2021 10:30	53.7	75.2	56.9	46.1
25/04/2021 10:45	53.0	68.3	55.7	46.9
25/04/2021 11:00	53.6	70.7	56.5	46.5
25/04/2021 11:15	52.5	67.8	55.2	47.7
25/04/2021 11:30	50.7	70.7	52.6	46.8
25/04/2021 11:45	49.5	61.1	52.3	45.5
25/04/2021 12:00	51.7	69.7	54.9	47.3
25/04/2021 12:15	50.0	66.7	52.3	46.1
25/04/2021 12:30	49.4	68.5	51.4	45.8
25/04/2021 12:45	49.1	60.4	51.7	45.8
25/04/2021 13:00	52.4	73.3	54.8	45.7
25/04/2021 13:15	50.9	68.1	53.2	46.0
25/04/2021 13:30	52.6	74.5	55.4	46.3
25/04/2021 13:45	51.0	69.2	53.5	45.9
25/04/2021 14:00	50.7	75.2	52.0	44.6
25/04/2021 14:15	49.3	68.7	51.7	45.2
25/04/2021 14:30	50.8	65.6	53.3	46.1
25/04/2021 14:45	49.2	69.0	50.8	44.4
25/04/2021 15:00	49.5	69.0	51.8	44.6
25/04/2021 15:15	49.2	69.5	51.1	44.9

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
25/04/2021 15:30	50.2	68.5	52.4	44.4
25/04/2021 15:45	51.7	70.4	53.6	44.7
25/04/2021 16:00	48.8	67.0	50.7	44.6
25/04/2021 16:15	50.3	67.4	53.0	45.2
25/04/2021 16:30	49.4	66.8	51.8	45.2
25/04/2021 16:45	52.0	70.9	53.0	45.1
25/04/2021 17:00	48.8	65.1	50.5	44.5
25/04/2021 17:15	56.6	74.6	59.3	44.7
25/04/2021 17:30	52.4	74.7	53.0	44.8
25/04/2021 17:45	49.7	66.7	53.1	44.4
25/04/2021 18:00	49.5	69.5	51.1	43.9
25/04/2021 18:15	52.7	79.3	54.0	45.4
25/04/2021 18:30	51.6	73.0	53.3	45.6
25/04/2021 18:45	51.0	72.0	52.3	44.7
25/04/2021 19:00	54.4	71.0	57.1	44.3
25/04/2021 19:15	53.8	83.1	54.1	44.1
25/04/2021 19:30	49.3	68.2	50.2	44.3
25/04/2021 19:45	57.0	74.6	61.6	44.4
25/04/2021 20:00	50.0	71.0	51.6	44.2
25/04/2021 20:15	49.2	67.0	50.8	44.3
25/04/2021 20:30	50.1	72.2	51.8	43.4
25/04/2021 20:45	53.0	72.2	54.2	43.0
25/04/2021 21:00	46.2	63.6	46.7	42.8
25/04/2021 21:15	47.0	64.8	47.1	41.6
25/04/2021 21:30	44.5	58.9	45.2	41.3
25/04/2021 21:45	46.3	64.2	47.0	42.1
25/04/2021 22:00	45.8	70.2	45.9	41.6
25/04/2021 22:15	45.5	66.2	46.9	41.5
25/04/2021 22:30	44.5	59.0	46.8	40.8
25/04/2021 22:45	44.6	63.8	46.6	40.5
25/04/2021 23:00	44.9	59.2	47.6	40.3
25/04/2021 23:15	42.1	53.3	44.0	39.8
25/04/2021 23:30	41.5	49.5	43.0	39.7
25/04/2021 23:45	41.5	50.4	43.2	39.7
26/04/2021 00:00	41.8	52.4	43.8	39.8
26/04/2021 00:15	41.2	49.4	42.7	39.7
26/04/2021 00:30	41.1	51.3	42.3	39.6
26/04/2021 00:45	43.3	60.1	45.4	40.0
26/04/2021 01:00	41.4	53.1	43.0	39.3

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
26/04/2021 01:15	41.5	53.8	42.4	39.2
26/04/2021 01:30	43.0	55.4	45.5	39.6
26/04/2021 01:45	41.1	52.8	42.3	39.4
26/04/2021 02:00	42.4	53.6	44.6	39.8
26/04/2021 02:15	41.7	51.9	43.2	39.7
26/04/2021 02:30	40.6	48.5	41.7	39.2
26/04/2021 02:45	41.8	52.2	43.9	39.6
26/04/2021 03:00	42.7	54.7	45.0	39.8
26/04/2021 03:15	41.0	47.3	42.4	39.5
26/04/2021 03:30	42.7	51.6	45.0	40.0
26/04/2021 03:45	42.3	51.3	44.2	40.0
26/04/2021 04:00	43.3	63.1	45.8	40.1
26/04/2021 04:15	43.3	52.9	45.5	40.6
26/04/2021 04:30	43.8	53.1	46.3	40.4
26/04/2021 04:45	47.4	64.5	49.5	41.7
26/04/2021 05:00	52.1	67.5	56.0	42.7
26/04/2021 05:15	55.1	73.4	58.5	45.8
26/04/2021 05:30	54.2	68.1	57.9	46.7
26/04/2021 05:45	50.8	69.8	52.9	46.4
26/04/2021 06:00	50.1	63.6	52.7	46.3
26/04/2021 06:15	52.1	68.6	53.7	46.5
26/04/2021 06:30	51.5	65.8	54.0	47.1
26/04/2021 06:45	51.3	63.4	54.2	47.3
26/04/2021 07:00	53.1	74.1	54.1	48.5
26/04/2021 07:15	54.0	75.0	56.4	49.4
26/04/2021 07:30	53.6	69.0	55.8	49.7
26/04/2021 07:45	54.9	70.9	57.2	49.6
26/04/2021 08:00	53.8	70.3	56.2	49.0
26/04/2021 08:15	53.4	68.2	55.3	48.8
26/04/2021 08:30	53.9	69.1	57.1	48.8
26/04/2021 08:45	52.9	73.0	55.2	48.3
26/04/2021 09:00	52.0	64.8	54.6	48.3
26/04/2021 09:15	52.7	69.2	55.3	48.0
26/04/2021 09:30	52.3	67.3	55.1	47.4
26/04/2021 09:45	52.7	67.6	55.5	47.5
26/04/2021 10:00	52.1	68.5	54.3	47.5
26/04/2021 10:15	51.0	66.8	53.2	47.0
26/04/2021 10:30	50.8	68.7	52.9	46.8
26/04/2021 10:45	51.3	66.8	54.1	46.5

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
26/04/2021 11:00	52.6	69.5	55.1	46.2
26/04/2021 11:15	51.2	71.8	54.1	45.9
26/04/2021 11:30	51.4	68.3	53.8	46.4
26/04/2021 11:45	51.6	70.9	54.4	45.7

Table 02-05
Location 5 Survey Results dB(A)

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
23/04/2021 14:00	51.7	62.7	53.6	48.7
23/04/2021 14:15	53.4	71.5	54.5	49.4
23/04/2021 14:30	51.7	64.2	53.7	48.9
23/04/2021 14:45	52.1	65.7	54.1	49.3
23/04/2021 15:00	51.5	71.1	52.8	47.9
23/04/2021 15:15	50.2	59.5	52.1	47.5
23/04/2021 15:30	56.0	82.6	53.0	47.3
23/04/2021 15:45	51.9	66.2	53.9	48.5
23/04/2021 16:00	50.2	59.5	52.1	47.6
23/04/2021 16:15	51.2	61.3	53.5	47.8
23/04/2021 16:30	50.9	61.9	52.8	48.1
23/04/2021 16:45	50.1	57.9	52.0	47.5
23/04/2021 17:00	50.3	58.5	52.0	48.0
23/04/2021 17:15	49.2	60.3	50.9	46.6
23/04/2021 17:30	49.2	59.0	50.6	46.9
23/04/2021 17:45	49.9	66.6	51.8	46.2
23/04/2021 18:00	50.0	58.5	51.8	47.5
23/04/2021 18:15	49.7	58.9	51.4	47.4
23/04/2021 18:30	49.7	59.2	51.6	46.9
23/04/2021 18:45	49.1	62.8	50.8	46.3
23/04/2021 19:00	49.4	62.5	51.5	46.0
23/04/2021 19:15	49.3	61.6	51.8	45.2
23/04/2021 19:30	48.6	63.4	50.6	44.0
23/04/2021 19:45	50.8	64.9	54.1	43.1
23/04/2021 20:00	47.5	62.2	50.3	42.7
23/04/2021 20:15	50.8	70.2	52.0	44.0
23/04/2021 20:30	48.6	66.0	51.5	42.7
23/04/2021 20:45	45.5	60.8	48.3	39.9
23/04/2021 21:00	45.0	57.8	48.5	38.6
23/04/2021 21:15	47.7	69.2	49.4	40.3
23/04/2021 21:30	43.5	57.1	45.9	39.4

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
23/04/2021 21:45	42.9	55.7	45.6	38.5
23/04/2021 22:00	43.1	52.5	45.8	38.8
23/04/2021 22:15	44.3	61.6	46.8	38.8
23/04/2021 22:30	42.3	52.9	45.2	37.9
23/04/2021 22:45	43.1	54.9	46.1	38.5
23/04/2021 23:00	42.9	54.8	45.8	38.0
23/04/2021 23:15	43.0	56.6	46.1	37.9
23/04/2021 23:30	43.4	56.1	46.4	36.5
23/04/2021 23:45	42.3	53.7	45.3	36.6
24/04/2021 00:00	42.0	56.0	45.0	36.2
24/04/2021 00:15	42.4	56.2	45.4	35.4
24/04/2021 00:30	43.6	59.1	46.4	37.1
24/04/2021 00:45	39.5	51.0	42.4	35.5
24/04/2021 01:00	42.6	55.5	46.0	36.8
24/04/2021 01:15	43.6	63.8	46.3	36.8
24/04/2021 01:30	43.0	61.2	45.5	36.4
24/04/2021 01:45	42.1	55.9	44.9	36.5
24/04/2021 02:00	43.0	56.0	46.0	38.0
24/04/2021 02:15	43.7	56.9	46.3	38.2
24/04/2021 02:30	43.0	56.8	45.6	38.1
24/04/2021 02:45	42.8	55.5	46.0	37.5
24/04/2021 03:00	41.6	59.5	43.1	37.4
24/04/2021 03:15	43.7	56.1	46.2	39.2
24/04/2021 03:30	47.0	56.1	49.5	42.9
24/04/2021 03:45	48.0	55.5	50.5	44.4
24/04/2021 04:00	47.6	59.8	50.3	43.4
24/04/2021 04:15	46.3	55.8	48.6	42.7
24/04/2021 04:30	47.0	55.1	49.4	43.3
24/04/2021 04:45	48.5	56.5	51.0	44.8
24/04/2021 05:00	49.9	61.3	52.2	46.2
24/04/2021 05:15	61.8	77.3	66.1	49.0
24/04/2021 05:30	54.7	69.6	57.3	49.6
24/04/2021 05:45	54.5	69.7	56.7	48.8
24/04/2021 06:00	53.4	70.2	55.4	48.1
24/04/2021 06:15	54.4	72.3	55.4	47.1
24/04/2021 06:30	53.9	70.4	55.5	47.5
24/04/2021 06:45	52.5	64.1	55.6	47.4
24/04/2021 07:00	51.7	64.5	54.1	48.1
24/04/2021 07:15	53.6	65.0	57.1	48.2

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
24/04/2021 07:30	52.9	67.4	55.6	47.5
24/04/2021 07:45	51.7	65.0	54.1	47.8
24/04/2021 08:00	51.1	64.8	53.5	46.9
24/04/2021 08:15	51.3	63.4	54.0	47.2
24/04/2021 08:30	50.2	65.6	52.7	46.5
24/04/2021 08:45	53.3	74.0	54.3	46.7
24/04/2021 09:00	51.6	66.1	53.7	48.0
24/04/2021 09:15	51.7	64.1	53.9	48.3
24/04/2021 09:30	53.9	72.5	55.1	48.6
24/04/2021 09:45	51.9	61.7	54.0	48.8
24/04/2021 10:00	52.7	69.5	54.0	48.2
24/04/2021 10:15	52.9	69.4	54.9	49.2
24/04/2021 10:30	50.7	63.7	52.2	48.1
24/04/2021 10:45	50.8	64.4	52.2	48.2
24/04/2021 11:00	51.1	60.8	53.3	48.4
24/04/2021 11:15	50.5	61.3	52.5	47.5
24/04/2021 11:30	49.7	61.1	51.4	47.2
24/04/2021 11:45	49.8	61.7	51.8	46.9
24/04/2021 12:00	50.0	60.8	51.9	47.4
24/04/2021 12:15	50.5	60.9	52.6	48.0
24/04/2021 12:30	51.4	71.5	52.4	47.7
24/04/2021 12:45	51.0	62.9	52.8	48.4
24/04/2021 13:00	51.2	70.8	52.3	47.2
24/04/2021 13:15	49.4	63.1	51.2	46.6
24/04/2021 13:30	50.0	63.0	51.8	47.3
24/04/2021 13:45	49.0	62.5	51.0	46.2
24/04/2021 14:00	49.6	64.8	51.2	46.5
24/04/2021 14:15	54.4	73.8	55.6	46.9
24/04/2021 14:30	49.0	64.2	50.9	46.3
24/04/2021 14:45	48.6	62.2	51.1	44.5
24/04/2021 15:00	49.3	65.9	51.4	45.3
24/04/2021 15:15	51.2	72.9	51.2	45.8
24/04/2021 15:30	49.7	68.6	51.5	46.7
24/04/2021 15:45	48.7	57.4	50.4	46.0
24/04/2021 16:00	48.1	59.3	50.2	45.2
24/04/2021 16:15	48.1	59.5	50.1	45.4
24/04/2021 16:30	48.4	57.1	50.2	45.7
24/04/2021 16:45	49.6	65.3	51.0	46.7
24/04/2021 17:00	49.9	66.1	52.3	46.0

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
24/04/2021 17:15	50.0	65.4	52.5	46.0
24/04/2021 17:30	50.9	67.2	53.5	45.8
24/04/2021 17:45	48.2	71.6	49.5	44.5
24/04/2021 18:00	47.5	62.2	48.9	45.5
24/04/2021 18:15	48.3	62.9	50.0	45.6
24/04/2021 18:30	49.3	75.8	50.2	45.4
24/04/2021 18:45	47.0	65.5	48.8	44.3
24/04/2021 19:00	47.9	57.0	49.7	45.3
24/04/2021 19:15	48.2	68.4	49.9	44.9
24/04/2021 19:30	48.4	59.6	51.0	44.6
24/04/2021 19:45	46.6	54.9	48.5	43.9
24/04/2021 20:00	48.3	62.7	50.6	43.6
24/04/2021 20:15	54.3	75.2	55.7	42.8
24/04/2021 20:30	46.6	60.2	49.5	41.9
24/04/2021 20:45	44.3	59.3	46.4	41.0
24/04/2021 21:00	45.6	67.7	46.1	40.7
24/04/2021 21:15	42.9	60.1	44.7	39.9
24/04/2021 21:30	42.0	52.4	44.5	38.6
24/04/2021 21:45	41.5	54.7	44.1	37.6
24/04/2021 22:00	42.5	50.4	45.1	39.1
24/04/2021 22:15	41.4	48.5	43.6	38.5
24/04/2021 22:30	41.6	53.1	44.1	38.2
24/04/2021 22:45	42.8	54.0	45.3	38.6
24/04/2021 23:00	43.4	54.7	46.3	38.3
24/04/2021 23:15	42.8	54.1	46.0	37.7
24/04/2021 23:30	41.9	60.4	44.0	38.0
24/04/2021 23:45	41.7	54.6	44.5	37.2
25/04/2021 00:00	39.9	52.9	43.0	36.1
25/04/2021 00:15	41.5	60.7	43.7	35.7
25/04/2021 00:30	40.6	55.0	44.1	36.0
25/04/2021 00:45	41.1	52.9	44.3	37.5
25/04/2021 01:00	40.9	53.7	43.5	37.2
25/04/2021 01:15	39.8	55.2	41.7	35.6
25/04/2021 01:30	39.4	55.8	40.8	35.0
25/04/2021 01:45	39.8	52.4	43.5	35.0
25/04/2021 02:00	38.9	49.3	41.8	35.9
25/04/2021 02:15	38.9	48.3	40.8	37.1
25/04/2021 02:30	41.0	56.8	43.1	37.1
25/04/2021 02:45	37.9	48.0	38.6	36.8

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
25/04/2021 03:00	40.5	53.9	43.5	36.3
25/04/2021 03:15	39.3	53.8	40.3	36.1
25/04/2021 03:30	39.3	50.3	42.0	36.3
25/04/2021 03:45	37.4	49.3	38.3	35.6
25/04/2021 04:00	38.6	54.6	40.1	36.5
25/04/2021 04:15	38.9	53.9	40.5	36.5
25/04/2021 04:30	39.5	52.4	41.6	36.6
25/04/2021 04:45	42.4	55.0	45.6	36.5
25/04/2021 05:00	49.6	65.3	52.5	41.1
25/04/2021 05:15	52.5	61.6	55.8	45.8
25/04/2021 05:30	52.4	61.0	55.8	44.5
25/04/2021 05:45	50.9	71.4	53.6	42.4
25/04/2021 06:00	50.6	62.8	54.9	41.1
25/04/2021 06:15	50.8	63.3	54.9	41.4
25/04/2021 06:30	54.0	73.2	56.8	41.0
25/04/2021 06:45	50.4	67.0	54.3	40.7
25/04/2021 07:00	50.0	62.0	53.7	42.8
25/04/2021 07:15	53.5	70.5	56.0	41.0
25/04/2021 07:30	50.5	64.9	54.5	40.8
25/04/2021 07:45	50.1	63.7	54.0	41.8
25/04/2021 08:00	48.5	60.2	52.2	42.8
25/04/2021 08:15	47.0	61.1	49.1	43.1
25/04/2021 08:30	49.9	65.4	52.9	44.7
25/04/2021 08:45	49.8	62.9	53.0	44.7
25/04/2021 09:00	49.5	67.6	52.4	44.4
25/04/2021 09:15	51.8	70.3	53.7	45.1
25/04/2021 09:30	49.8	63.4	53.3	44.0
25/04/2021 09:45	49.9	71.1	50.1	44.8
25/04/2021 10:00	51.9	67.7	55.0	45.2
25/04/2021 10:15	49.9	66.4	52.1	44.8
25/04/2021 10:30	51.9	69.2	53.6	45.9
25/04/2021 10:45	49.6	62.2	51.7	46.5
25/04/2021 11:00	49.7	70.7	49.8	45.4
25/04/2021 11:15	50.7	70.2	50.8	44.9
25/04/2021 11:30	48.0	66.2	49.9	44.5
25/04/2021 11:45	49.8	66.8	51.4	44.1
25/04/2021 12:00	48.7	60.0	50.8	45.2
25/04/2021 12:15	48.7	68.9	49.5	44.8
25/04/2021 12:30	48.7	69.3	49.2	44.8

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
25/04/2021 12:45	47.3	58.6	48.9	44.6
25/04/2021 13:00	48.3	60.8	50.2	45.1
25/04/2021 13:15	48.7	73.2	50.7	44.8
25/04/2021 13:30	49.8	66.7	51.0	45.0
25/04/2021 13:45	49.0	71.0	50.3	45.3
25/04/2021 14:00	47.4	60.9	49.7	43.5
25/04/2021 14:15	47.4	59.5	49.0	44.1
25/04/2021 14:30	48.4	69.2	50.2	43.7
25/04/2021 14:45	48.3	71.6	47.6	42.7
25/04/2021 15:00	46.4	60.4	48.8	42.8
25/04/2021 15:15	46.5	65.9	48.1	43.8
25/04/2021 15:30	48.0	71.8	48.1	42.9
25/04/2021 15:45	48.1	72.5	48.9	43.1
25/04/2021 16:00	47.0	61.4	49.5	42.9
25/04/2021 16:15	46.1	65.3	47.2	43.0
25/04/2021 16:30	45.8	58.6	47.8	43.1
25/04/2021 16:45	46.2	60.5	48.0	42.7
25/04/2021 17:00	46.2	58.3	48.2	43.2
25/04/2021 17:15	45.5	61.6	47.1	43.0
25/04/2021 17:30	45.4	64.3	47.2	42.4
25/04/2021 17:45	46.5	65.5	47.1	41.2
25/04/2021 18:00	45.5	57.0	47.6	42.0
25/04/2021 18:15	46.2	57.8	48.1	43.4
25/04/2021 18:30	47.3	65.9	49.3	42.9
25/04/2021 18:45	49.4	63.8	53.2	42.3
25/04/2021 19:00	49.0	71.2	51.4	41.6
25/04/2021 19:15	46.1	60.4	48.3	42.6
25/04/2021 19:30	48.6	62.7	52.1	42.8
25/04/2021 19:45	47.3	67.6	48.7	42.2
25/04/2021 20:00	48.4	63.8	51.6	42.6
25/04/2021 20:15	48.2	63.0	51.2	43.2
25/04/2021 20:30	46.0	58.1	48.7	41.7
25/04/2021 20:45	44.5	63.7	46.7	40.7
25/04/2021 21:00	43.1	52.6	45.2	40.3
25/04/2021 21:15	41.8	52.8	44.0	38.1
25/04/2021 21:30	41.6	55.3	44.0	38.2
25/04/2021 21:45	42.2	52.1	44.8	38.9
25/04/2021 22:00	43.0	57.5	45.3	39.4
25/04/2021 22:15	42.8	56.4	46.0	37.9

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
25/04/2021 22:30	43.5	56.2	46.5	37.3
25/04/2021 22:45	42.0	52.3	45.4	36.8
25/04/2021 23:00	41.5	55.0	44.6	36.8
25/04/2021 23:15	38.9	51.0	41.3	36.2
25/04/2021 23:30	39.6	52.3	41.3	36.2
25/04/2021 23:45	38.8	53.2	40.2	36.1
26/04/2021 00:00	39.8	57.1	41.2	36.1
26/04/2021 00:15	39.1	53.0	40.7	35.9
26/04/2021 00:30	37.6	50.6	38.4	35.4
26/04/2021 00:45	42.0	60.7	44.9	35.9
26/04/2021 01:00	37.7	54.2	37.9	35.1
26/04/2021 01:15	40.7	56.0	42.6	35.4
26/04/2021 01:30	40.3	55.2	42.4	35.8
26/04/2021 01:45	38.5	53.7	39.5	35.5
26/04/2021 02:00	40.0	55.3	42.1	35.8
26/04/2021 02:15	38.7	52.5	40.2	35.8
26/04/2021 02:30	37.6	51.1	39.0	35.2
26/04/2021 02:45	39.6	55.0	41.8	35.9
26/04/2021 03:00	41.9	58.4	45.4	36.3
26/04/2021 03:15	38.2	53.9	39.4	36.1
26/04/2021 03:30	41.5	54.8	44.4	36.6
26/04/2021 03:45	41.2	60.2	44.0	36.0
26/04/2021 04:00	42.1	55.5	45.4	36.8
26/04/2021 04:15	43.2	56.2	46.0	37.5
26/04/2021 04:30	42.1	56.4	44.9	37.0
26/04/2021 04:45	44.8	54.9	47.8	40.2
26/04/2021 05:00	49.6	65.0	53.1	41.8
26/04/2021 05:15	52.8	65.0	56.2	46.0
26/04/2021 05:30	53.1	75.7	56.1	45.8
26/04/2021 05:45	52.9	71.6	55.6	46.4
26/04/2021 06:00	51.9	66.6	55.2	45.2
26/04/2021 06:15	52.5	71.8	54.3	45.6
26/04/2021 06:30	51.5	63.7	54.1	47.0
26/04/2021 06:45	51.0	65.3	53.2	47.2
26/04/2021 07:00	51.9	61.5	54.0	48.6
26/04/2021 07:15	53.4	68.8	55.5	49.7
26/04/2021 07:30	52.3	61.9	54.5	49.1
26/04/2021 07:45	52.0	64.0	54.4	49.1
26/04/2021 08:00	53.5	70.5	53.9	47.5

Date & Time	L_{Aeq}	L_{AFmax}	L_{A10}	L_{A90}
26/04/2021 08:15	52.0	74.8	53.2	48.3
26/04/2021 08:30	54.7	71.6	55.0	48.6
26/04/2021 08:45	52.2	68.9	54.1	48.3
26/04/2021 09:00	52.1	62.0	54.3	49.0
26/04/2021 09:15	51.4	67.9	53.3	46.6
26/04/2021 09:30	57.7	74.7	62.5	45.8
26/04/2021 09:45	50.3	61.0	52.4	47.1
26/04/2021 10:00	52.0	67.3	52.6	47.3
26/04/2021 10:15	51.6	65.8	52.6	48.3
26/04/2021 10:30	52.5	67.6	53.5	49.5
26/04/2021 10:45	50.1	65.0	51.7	45.4
26/04/2021 11:00	57.1	76.8	60.2	46.3
26/04/2021 11:15	53.2	70.8	56.0	45.5
26/04/2021 11:30	50.8	68.6	52.1	45.6

EUROPEAN OFFICES

United Kingdom

AYLESBURY
T: +44 (0)1844 337380

BELFAST
belfast@slrconsulting.com

BRADFORD-ON-AVON
T: +44 (0)1225 309400

BRISTOL
T: +44 (0)117 906 4280

CARDIFF
T: +44 (0)29 2049 1010

CHELMSFORD
T: +44 (0)1245 392170

EDINBURGH
T: +44 (0)131 335 6830

EXETER
T: + 44 (0)1392 490152

GLASGOW
glasgow@slrconsulting.com

GUILDFORD
guildford@slrconsulting.com

LONDON
T: +44 (0)203 805 6418

MAIDSTONE
T: +44 (0)1622 609242

MANCHESTER (Denton)
T: +44 (0)161 549 8410

MANCHESTER (Media City)
T: +44 (0)161 872 7564

NEWCASTLE UPON TYNE
T: +44 (0)191 261 1966

NOTTINGHAM
T: +44 (0)115 964 7280

SHEFFIELD
T: +44 (0)114 245 5153

SHREWSBURY
T: +44 (0)1743 23 9250

STIRLING
T: +44 (0)1786 239900

WORCESTER
T: +44 (0)1905 751310

Ireland

DUBLIN
T: + 353 (0)1 296 4667

France

GRENOBLE
T: +33 (0)6 23 37 14 14