



ACOUSTIC
CONSULTANTS

**Wilmslow Road, Manchester
Student Residential Development
Noise Impact Assessment**

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1.0 SUMMARY

At the request of Watkin Jones, PDA has carried out a noise impact assessment in relation to the proposed new student residential development to Wilmslow Road, Manchester, M14 6LJ. The proposed development involves partial demolition of existing buildings, conversion and extension of retained building and new development to accommodate student residential accommodation and amenity / management facilities, with hard and soft landscaping, parking and access arrangements

A noise survey has been conducted at site to establish the existing acoustic climate.

Internal ambient noise levels for the proposed residential blocks have been calculated based on the results of the noise survey, predicted noise egress across site and dimensions for the room volumes and external façade/window areas.

To achieve WHO 1999 & BS 8233 design criteria regarding internal noise levels, suitable minimum noise insulation specifications have been derived for the windows and trickle ventilators.

In regards to the external noise climate, there is a large amenity space in between buildings where the recommended BS 8233, 50 and/or 55 dBA criteria is expected to be achieved. It is predicted that external noise levels will exceed 55 dBA within external amenity spaces closer to Wilmslow Road due to existing noise levels associated with Wilmslow Road. However, this area remains undeveloped, with the proposals in this area being only hard and soft landscaping and retention of existing mature trees that offer visual screening from Wilmslow Road. BS 8233, notes that the recommended design criteria is not achievable in all circumstances and that exceedance of 55 dBA does not indicate that the development should be prevented. The necessity to achieve the recommended 55 dBA external criteria should be considered against the benefits of locating amenity spaces to these areas.

It should be noted that the noise impact assessment is dependent on assumed construction details as described in Section 5.2-5.3 of this report. PDA should be consulted on any deviations from the assumed details as described in this report as this may affect the outcome of the assessment.

2.0 SITE DESCRIPTION

The proposed new student residential development will be located to Wilmslow Road, Manchester, M14 6LJ. The site is adjacent Wilmslow Road (east boundary), Langley Road (south boundary), and open field spaces (north and west boundaries). Generally the site can be described as an urban area.

The site is outlined in Figure 1 below.



Figure 1: Proposed site for development (outlined red)

The majority of the existing buildings to site will be demolished as part of the development with the exception of the building outlined in yellow above (Figure 1). It is understood that this building will be utilised as an internal amenity space. In place of the demolished buildings new student accommodation blocks will be constructed providing 425no new bedspaces in the total. The proposed development is illustrated in Figure 2 below.

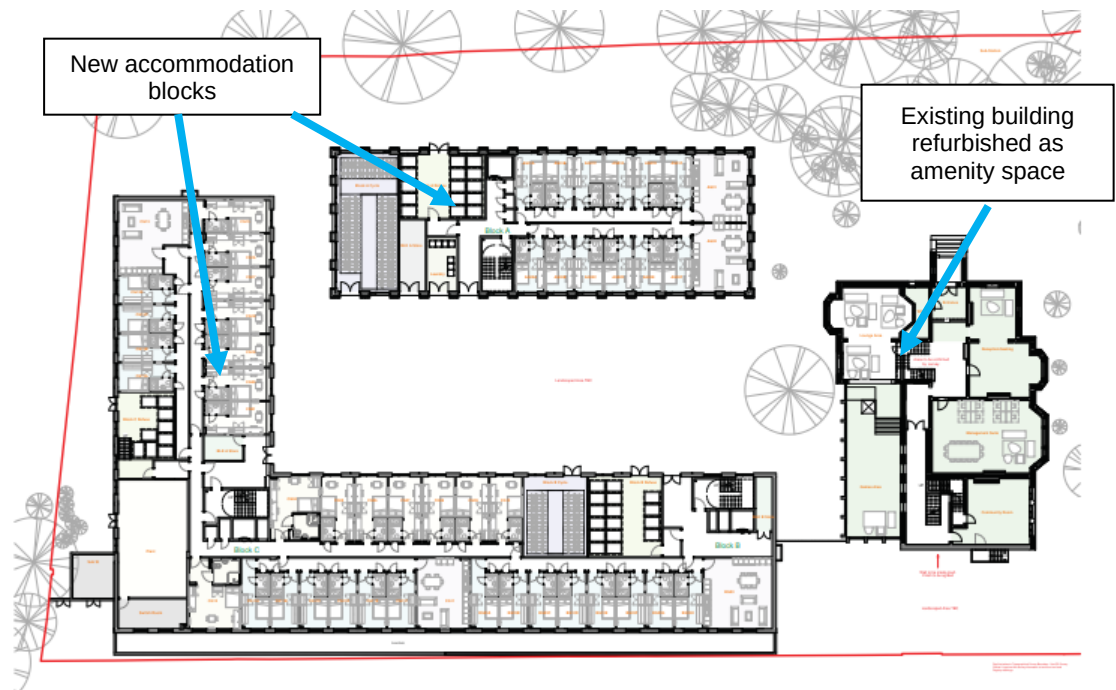


Figure 2: Proposed Site Layout

3.0 ASSESSMENT CRITERIA

3.1 National Planning Policy Framework (NPPF)

National Planning Policy is guided by the National Planning Policy Framework (NPPF) updated in June 2019. With regard to Noise the Framework states the following;

Planning policies and decisions should contribute to and enhance the natural and local environment by:

- *preventing new and existing development from contributing to, being put at unacceptable risk from, or being adversely affected by, unacceptable levels of soil, air, water or noise pollution or land instability.*

Planning policies and decisions should also ensure that new development is appropriate for its location taking into account the likely effects (including cumulative effects) of pollution on health, living conditions and the natural environment, as well as the potential sensitivity of the site or the wider area to impacts that could arise from the development. In doing so they should:

- *mitigate and reduce to a minimum potential adverse impacts resulting from noise from new development – and avoid noise giving rise to significant adverse impacts on health and the quality of life;*
- *identify and protect tranquil areas which have remained relatively undisturbed by noise and are prized for their recreational and amenity value for this reason.*

The terms 'significant adverse impact' and 'adverse impact' are defined in the explanatory notes of the 'Noise Policy Statement for England (NPSE)' which states;

There are two established concepts from toxicology that are currently being applied to noise impacts, for example, by the World Health Organisation. They are:

NOEL – No Observed Effect Level

This is the level below which no effect can be detected. In simple terms, below this level, there is no detectable effect on health and quality of life due to the noise.

LOAEL – Lowest Observed Adverse Effect Level

This is the level above which adverse effects on health and quality of life can be detected.

Extending these concepts for the purpose of this NPSE leads to the concept of a significant observed adverse effect level.

SOAEL – Significant Observed Adverse Effect Level

This is the level above which significant adverse effects on health and quality of life occur.

The notes also offer an explanation of the term 'adverse impacts' as follows;

... refers to the situation where the impact lies somewhere between LOAEL and SOAEL. It requires that all reasonable steps should be taken to mitigate and minimise adverse effects on health and quality of life while also taking into account the guiding principles of sustainable development (paragraph 1.8). This does not mean that such adverse effects cannot occur.

Although no specific noise limits for LOAEL and SOAEL have been defined, in 2014 the UK Government published a planning practice guidance document for noise which indicates where these limits fall with relation to the perception of noise, updated in July 2019. A summary is reproduced in Section 4.2 below, and the full document is published at <https://www.gov.uk/guidance/noise--2>. It is considered that guidance from other acoustic standards may be employed to determine suitable levels within the overall principal of the National Planning Policy Framework.

3.2 Planning Practice Guidance – Noise

The UK Planning Practice Guidance on noise offers further guidance on the typical levels which constitute the NOEL, LOAEL and SOAEL, reproduced in the table below;

Table 1: Planning Practice noise level guidance

Response	Examples of Outcomes	Increasing Effect Level	Action
-	-	No Observed Effect Level	-
Not present	No Effect	No Observed Effect	No specific measures required
-	-	No Observed Adverse Effect Level	-
Present and not intrusive	Noise can be heard, but does not cause any change in behaviour, attitude or other physiological response. Can slightly affect the acoustic character of the area but not such that there is a change in the quality of life.	No Observed Adverse Effect	No specific measures required
-	-	Lowest Observed Adverse Effect Level	-
Present and intrusive	Noise can be heard and causes small changes in behaviour, attitude or other physiological response, e.g. turning up volume of television; speaking more loudly; where there is no alternative ventilation, having to close windows for some of the time because of the noise. Potential for some reported sleep disturbance. Affects the acoustic character of the area such that there is a small actual or perceived change in the quality of life.	Observed Adverse Effect	Mitigate and reduce to a minimum
		Significant Observed Adverse Effect Level	
Present and disruptive	The noise causes a material change in behaviour, attitude or other physiological response, e.g. avoiding certain activities during periods of intrusion; where there is no alternative ventilation, having to keep windows closed most of the time because of the noise. Potential for sleep disturbance resulting in difficulty in getting to sleep, premature awakening and difficulty in getting back to sleep. Quality of life diminished due to change in acoustic character of the area.	Significant Observed Adverse Effect	Avoid
Present and very disruptive	Extensive and regular changes in behaviour, attitude or other physiological response and/or an inability to mitigate effect of noise leading to psychological stress, e.g. regular sleep deprivation/awakening; loss of appetite, significant, medically definable harm, e.g. auditory and non-auditory.	Unacceptable Adverse Effect	Prevent

3.3 BS8233:2014 Guidance on Sound Insulation and Noise Reduction for Buildings

Dwelling houses, flats and rooms in residential use

British Standard 8233:2014, *Guidance on Sound Insulation and noise reduction for buildings*, gives guidance on internal noise levels within dwellings, flats and rooms in residential use when unoccupied. The following criteria are for Living and Dining Rooms for daytime use and Bedrooms for night time.

Table 2: BS8233 recommended indoor ambient noise levels

Activity	Location	07:00 to 23:00	23:00 to 07:00
Resting	Living room	35 dB $L_{Aeq,16hour}$	—
Dining	Dining room/area	40 dB $L_{Aeq,16hour}$	—
Sleeping (daytime resting)	Bedrooms	35 dB $L_{Aeq,16hour}$	30 dB $L_{Aeq,8hour}$

It should however be stressed that the above criterion relates to steady noise, in this case from road traffic etc., excluding unusual noise events departing from the typical noise character of the area.

In addition BS 8233 suggests, '*regular individual noise events (for example, scheduled aircraft or passing trains) can cause sleep disturbance. A guideline value may be set in terms of SEL or $L_{Amax,F}$, depending on the character and number of events per night. Sporadic noise events could require separate values*'.

With regard to gardens and external areas, BS 8233:2014 (section 7.7.3.2) gives the following advice:

For traditional external areas that are used for amenity space, such as gardens and patios, it is desirable that the external noise level does not exceed 50dB $L_{Aeq,T}$, with an upper guideline value of 55dB $L_{Aeq,T}$ which would be acceptable in noisier environments. However, it is also recognized that these guideline values are not achievable in all circumstances where development might be desirable. In higher noise areas, such as city centres or urban areas adjoining the strategic transport network, a compromise between elevated noise levels and other factors, such as the convenience of living in these locations or making efficient use of land resources to ensure development needs can be met, might be warranted. In such a situation, development should be designed to achieve the lowest practicable levels in these external amenity spaces, but should not be prohibited.

3.4 WHO Guidelines for Community Noise

In 1999, the WHO (World Health Organisation) published Guidelines for Community Noise, stating the following internal noise levels are applicable within dwellings.

Table 3: WHO Guidelines for Community Noise criteria

Specific Environment	Critical Health Effect(s)	L_{Aeq} dB	Time Base (hours)*
Dwelling, indoors	Speech intelligibility & moderate annoyance, daytime & evening	35	16
Inside bedrooms	Sleep disturbance, night time	30	8

* Typically taken to be daytime/evening - 07:00 – 23:00 hours and night time 23:00 – 07:00 hours.

In addition to the above continuous equivalent noise levels, WHO guidelines indicates that exceedances of 45 dB L_{Amax} for single sound events should be limited to no more than 10 – 15 times per night, when measured with a 'fast' time weighting.

4.0 SURVEY DETAILS AND RESULTS

4.1 Noise & Vibration Survey Details

An ambient noise survey was carried out between 13:02 hours, Tuesday 3rd November 2020 and 14:25 hours, Wednesday 4th November 2020. All measurements were conducted in 5-minute samples by Jack Perry of PDA.

The locations for the measurement positions utilised for the noise survey are illustrated in Figure 3 below.



Figure 3: Noise Survey Monitoring Positions

Key

N1- noise measurement made at 1.5m height - long term un-attended noise measurement conducted 13:02 (3/11/20) - 14:11 (4/11/20). Audio recordings were made throughout the period.

N2- noise measurement made at 1.5m height - long term un-attended noise measurement conducted 13:37 (3/11/20) - 14:25 (4/11/20). Audio recordings were made throughout the period.

All noise measurements were conducted utilising the following equipment

N1- NTI XL2 (SN- A2A-08665-E0) -Sound Level Meter

N2- NTI XL2 (SN- A2A-08665-E0) -Sound Level Meter

In accordance with IEC 61672-1:2002 the sound level meters have a Class 1 frequency response and can operate as an integrating sound level meter with frequency analysis and statistical functions.

The sound level meters were set to measure 'A' weighted, broadband and octave band sound pressure levels and various statistical parameters. The meters were field calibrated both before and after each measurement, in addition to this a valid

calibration certificate is held for the meter and calibrator. It was ensured that the sound level meters were fitted with a windshield at all times. Audio recordings were made throughout the survey.

Weather

Typical weather conditions throughout the survey were as follows.

Temperature - 4-7°C
Wind - 0-2 ms (S-W)
Rain - Predominately dry no rain

4.2 Noise Sources

The ambient noise climate was dominated by noise egress from local traffic sources (Langley Road & Wilmslow Road).

4.3 Results

The full results of the noise survey are available in the Appendix. An overview of the results is provided below.

Table 4: Summary of noise survey results

Noise Monitoring Position	L _{Aeq,T} Day dBA	L _{Aeq,T} Night dBA	L _{Amax} Range Night dBA
N1 (Langley Rd)	54	45	44-72
N2 (Wilmslow Rd)	64	58	63-83

5.0 RESIDENTIAL DEVELOPMENT, NOISE BREAK-IN CALCULATIONS & MITIGATION

5.1 Break-In Calculations Method

An assessment of the required acoustic insulation performance for the new residential development has been conducted. The assessment has been based on achieving the internal ambient acoustic conditions specified in Section 3 to this report.

The results of the noise survey have been used to inform a Sound Plan (SP) computer model which predicts the external noise levels to the proposed residential receivers. The Sound Plan software has been set up to model the sources by taking into account for all reflections and shielding around the site. Please note that the calculations follow the methodology detailed within ISO 9613-2 Acoustics - Attenuation of sound during propagation outdoors – Part 2: General method of calculation.

An overview of the model is depicted below.

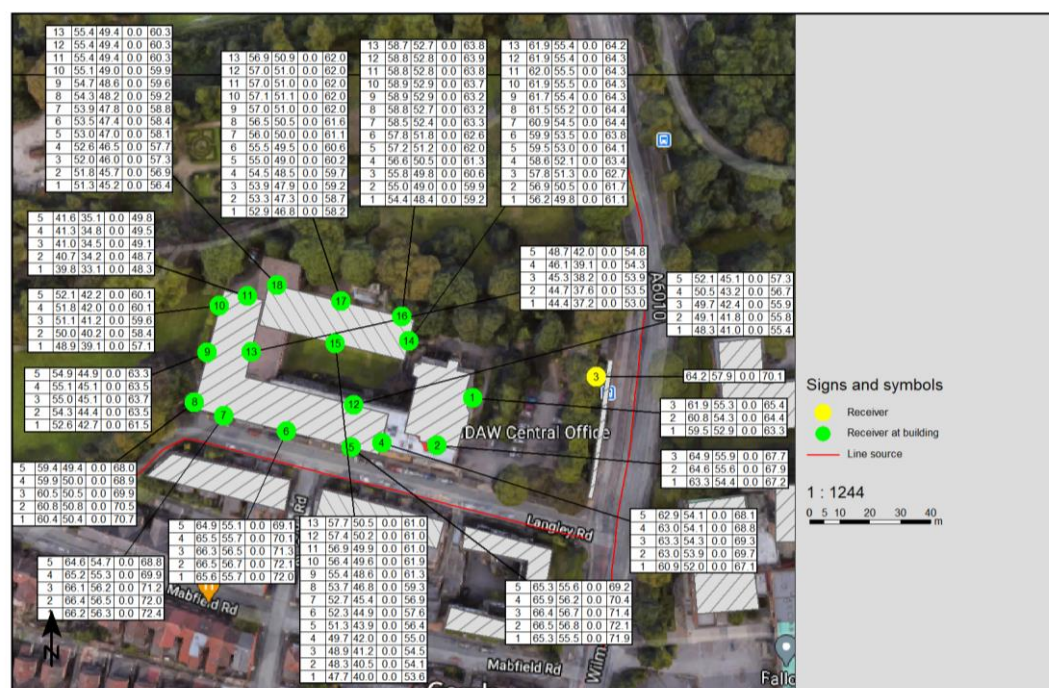


Figure 3: Sound Plan Model Overview

The results from the SP model have been used to calculate the internal noise levels within the residential rooms.

Internal noise levels have been determined by calculating the noise break-in through the façade elements in octave frequency bands from 63 Hz – 8kHz. The internal noise levels have been determined, taking into account the sound insulation and area of each element, the room volume and reverberation time, and finally A-weighting the resulting spectrum to determine the internal noise levels. In accordance with the reverberation time standardisation detailed within ISO 140-4 the reverberation time within residential habitable rooms is assumed to be 0.5 seconds.

It should be noted that building envelope and façade design details for the proposed development are currently unavailable. Therefore calculated internal noise levels have been based on typical details for this type of development as described in Sections 5.2-5.3 below. Minimum acoustic specifications have been identified for the glazing and trickle ventilators. These have been summarised as detailed in Section 5.4 below.

5.2 External Walls

The following construction details have been assumed for our calculations for all rooms within the residential properties:

Table 5, Sound Reduction Index's, Basic Façade Construction, Break In Calculations

Façade Construction	Outer cladding layer (minimum mass 22.2 kg/m²), 150mm cavity with 90mm mineral wool insulation (density of 22kg/m³), (CPB) (minimum mass 22.2 kg/m²), with 100mm metal stud and double plasterboard layer inner leaf and 60mm mineral wool (density of 22kg/m³) insulation in cavity							
Frequency	63	125	250	500	1k	2k	4k	8k
Sound Reduction Index, R, dB	25	42	46	54	56	52	65	62

The sound insulation properties for the basic building envelope construction have been taken from Insul (sound insulation modelling software).

5.3 Room Dimensions & Volumes

The following room dimensions & volumes have been scaled from room layout drawing for the development.

Table 6, Room Dimensions

Room	External Wall Area m²	Window Area m²	Room Volume m³
Bedroom	4	2.6	27
Lounge/Kitchen	14	5	93

5.4 Mitigation Strategies

The following required mitigation strategies have been derived based on the results of the SP model and assumed details as described in Sections 5.2-5.3, to achieve the recommended internal noise level criteria as detailed in BS 8233 & WHO 1999.



Figure 4: Mitigation Strategies

Key

- - Mitigation Strategy 'A'
- - Mitigation Strategy 'B'

Table 7: Mitigation Strategy 'A'- Bedroom

Windows/Glazing Noise Insulation								
Typical Product	Minimum Sound Reduction Index R (dB) at Octave Band Centre Frequency (Hz)							R_w
	63	125	250	500	1000	2000	4000	
10/12/6	22	26	27	34	40	38	46	38
Ventilation Noise Insulation								
Typical Product	Minimum $D_{n,e}$ (dB) at Octave Band Centre Frequency (Hz)							$D_{n,e,w}$
	63	125	250	500	1000	2000	4000	
Simon Acoustic EHAS	36	40	36	34	35	44	40	38

Table 8: Mitigation Strategy 'A'- Kitchens/Lounges

Windows/Glazing Noise Insulation								
Typical Product	Minimum Sound Reduction Index R (dB) at Octave Band Centre Frequency (Hz)							R_w
	63	125	250	500	1000	2000	4000	
4/12/4	20	24	20	25	35	38	35	31
Ventilation Noise Insulation								
Typical Product	Minimum D_{n,e} (dB) at Octave Band Centre Frequency (Hz)							D_{n,e,w}
	63	125	250	500	1000	2000	4000	
Simon Acoustic EHA	36	40	36	35	33	37	37	36

Table 9: Mitigation Strategy 'B'- Bedrooms, Kitchens & Lounges

Windows/Glazing Noise Insulation								
Typical Product	Minimum Sound Reduction Index R (dB) at Octave Band Centre Frequency (Hz)							R_w
	63	125	250	500	1000	2000	4000	
4/12/4	20	24	20	25	35	38	35	31
Ventilation Noise Insulation								
Typical Product	Minimum D_{n,e} (dB) at Octave Band Centre Frequency (Hz)							D_{n,e,w}
	63	125	250	500	1000	2000	4000	
Simon TTF Slimline	36	40	36	35	31	33	36	31

Notes on Glazing Insulation

For the glazing specifications in Tables 7-9, all sound insulation values quoted above must be achieved by the overall combination of frame and glazing, and not just by the glazing alone. The frame should not reduce the performance of the system overall.

Glazing framing systems must be fully sealed with any small gaps (<10mm nominal) around the perimeter to be stuffed with dense mineral wool to full frame depth and sealed both sides with acoustic non-setting mastic, with additional weathering protection to be applied additionally externally to this. No gaps should be left unsealed.

Notes on Ventilation Insulation

The ventilator inlet described in Tables 7-9, is calculated to provide adequate sound insulation to maintain internal noise levels compliant with the guidance criteria when used in conjunction with the specified glazing described in Tables 7-9. Selected ventilation inlets should provide equal or greater sound insulation performance across the frequency range to the values in Tables 7-9. Specifications are based on the use of one (1) ventilator per room only.

The acoustic specification relates to the combined performance of all ventilation elements. Where two or more ventilators are required to meet the ventilation requirement, the acoustic performance for a single ventilator must be selected so that the combined performance is as stated in the Tables 7-9. As an example, to achieve an overall acoustic insulation performance of D_{n,e,w} 31 dB utilising two ventilators in a single wall, both individual ventilators should be rated at D_{n,e,w} 34 dB. Requirements should be checked with the manufacturer.

Please note that the specification of vents is in terms of acoustic performance only. It should be checked by others that the ventilation requirements of the Building Regulations are also met.

Fan-assisted ventilation systems should be reviewed to ensure that the fan itself does not exceed the noise criteria as specified in Section 3.

5.5 Break-In Noise Calculations Results

Based on mitigation strategies as outlined in Section 5.4 being implemented into the final building envelope design and results of the noise survey, the following predicted internal noise levels have been calculated. The predicted internal noise levels are based on the worst-affected facades in regards to noise egress.

Table 10: Calculated Internal Ambient Noise Levels With Mitigation

Room Type	L_{Aeq16hr}, Day 07:00-23:00, dBA	L_{Aeq8hr}, Night 23:00-07:00, dBA	L_{Amax} 23:00-07:00 dBA
Mitigation Strategy A			
Bedroom	35	25	42
Kitchen/Lounge	35	-	-
Mitigation Strategy B			
Bedroom	34	28	40
Kitchen/Lounge	30	-	-

As can be seen from Table 10, with the implementation of the mitigation strategy as outlined in Section 5.4 of this report the internal ambient noise levels are expected to be within the internal noise level limit criteria stipulated by BS 8233:2014 & WHO (1999).

6.0 EXTERNAL NOISE LEVELS

The Sound Plan (SP) model as detailed in Section 5.1 has been used to produce the following noise map depicting the predicted the noise climate to the external amenity spaces.



Figure 5: External Noise Levels

Note: It should be noted that the SP accounts for the attenuation to noise egress from Wilmslow Road, that is provided by the existing wall and bus shelter at the site boundary. Therefore it is assumed that these will remain in place post construction of the development.

With reference to Figure 5 it can be noted that there is a large amenity area space between buildings where the external noise climate is expected to achieve either the lower (50 dBA) or upper (55 dBA) recommended BS 8233 criteria.

Amenity spaces closer to Wilmslow road are expected to exceed 55 dBA. With regards to external noise levels within amenity spaces BS 8233:2014 (section 7.7.3.2) gives the following advice:

For traditional external areas that are used for amenity space, such as gardens and patios, it is desirable that the external noise level does not exceed 50dB $L_{Aeq,T}$, with an upper guideline value of 55dB $L_{Aeq,T}$ which would be acceptable in noisier environments. However, it is also recognized that these guideline values are not achievable in all circumstances where development might be desirable. In higher noise areas, such as city centres or urban areas adjoining the strategic transport network, a compromise between elevated noise levels and other factors, such as the convenience of living in these locations or making efficient use of land resources to ensure development needs can be met, might be warranted. In such a situation, development should be designed to achieve the lowest practicable levels in these external amenity spaces, but should not be prohibited.

It should be noted that the BS8233 advisory guidelines have not been adopted in UK noise or planning policy. In addition using the 55 dBA guideline as a fixed threshold beyond which noise sensitive development should be prohibited is unrealistic. The

National Noise Incidence Study undertaken by DEFRA in 2009 indicates that more than 50% of the UK population is exposed to day time noise levels of more than 55 dBA however the majority of persons surveyed do not report being highly annoyed within the National Noise Attitude Survey 2000 undertaken by Defra. In addition the National Noise Attitude Survey 2012 (NNAS2012) Summary Report December 2014 - reports that "In general 72% of respondents had a positive attitude to their local noise environment."

7.0 CONCLUSION

At the request of Watkin Jones, PDA has carried out a noise impact assessment in relation to the proposed new student residential development to Wilmslow Road, Manchester, M14 6LJ.

A noise survey has been conducted at site to establish the existing acoustic climate.

Internal ambient noise levels for the proposed residential dwellings have been calculated based on the results of the noise survey, predicted noise egress across site and dimensions for the room volumes and external façade/window areas.

To achieve WHO 1999 & BS 8233 design criteria regarding internal noise levels, suitable minimum noise insulation specifications have been derived for the windows and trickle ventilators.

In regards to the external noise climate, there is a large amenity space in between buildings where the recommended BS 8233, 50 and/or 55 dBA criteria is expected to be achieved. It is predicted that external noise levels will exceed 55 dBA within external amenity spaces closer to Wilmslow Road due to existing noise levels associated with Wilmslow Road. However, this area remains undeveloped, with the proposals in this area being only hard and soft landscaping and retention of existing mature trees that offer visual screening from Wilmslow Road. BS 8233, notes that the recommended design criteria is not achievable in all circumstances and that exceedance of 55 dBA does not indicate that the development should be prevented. The necessity to achieve the recommended 55 dBA external criteria should be considered against the benefits of locating amenity spaces to these areas.

It should be noted that the noise impact assessment is dependent on assumed construction details as described in Section 5.2-5.3 of this report. PDA should be consulted on any deviations from the assumed details as described in this report as this may affect the outcome of the assessment.

APPENDIX I – DEFINITION OF ACOUSTIC TERMS

The decibel

This is the basic unit of noise, denoted dB.

A-Weighting

This is a weighting process which simulates the human ear's different sensitivity at different frequencies. A weighting can be shown two typical ways, 50 dB(A) L_{eq} or 50 dB L_{Aeq} . Both mean the same thing. (See below for a definition of L_{eq}). The dB(A) level can be regarded as the overall level perceived by human beings.

L_{eq} and $L_{eq(s)}$

This is the equivalent continuous noise level which contains the same acoustic energy as the actual time-varying sound. In other words it is a kind of average noise level. It is denoted dB L_{eq} or, for A-weighted figures dB(A) L_{eq} or dB L_{Aeq} . It can also be expressed in terms of frequency analysis (see later). $L_{eq(s)}$ is the sample L_{eq} level.

L_n

This is the level exceeded for n% of the time. It is denoted dB L_n or, for A-weighted figures dB(A) L_n or dB L_{An} . It can be expressed in terms of frequency analysis (see later). L_{90} is the level exceeded for 90% of the time and is a measure of the lowest level typically reached. L_{10} is the level exceeded for 10% of the time and is the highest level typically reached. L_{50} is the level exceeded for 50% of the time and, mathematically, it is the median.

L_{max}

This is the maximum level reached during a measurement period. The "time constant", or the ability of the equipment to respond to impulses is usually expressed along with it, e.g. "Fast", "Slow", etc. It is denoted dB L_{max} or, for A-weighted figures dB(A) L_{max} , dB L_{Amax} , etc. It can also be expressed in terms of frequency analysis.

Frequency Analysis

Whereas dB(A) gives a very useful overall figure, it has its limitations in that it cannot be used to model or predict the effect of noise control and mitigation as this nearly always has radically different performance at different frequencies.

Frequency analysis expresses an overall noise level at each frequency or band of frequencies in the audible range. Octave band analysis divides the audible range into 10 bands from 31.5 Hz to 16 kHz and the noise level in each band can be expressed in any form e.g. L_{eq} , L_{90} , L_{max} etc. One third octave band analysis uses 30 bands.

Narrow band analysis takes the process to resolutions of less than 1 Hz. This is useful for identifying the existence of tones (whines, hums, etc.) and in pin-pointing the sources.

APPENDIX II –NOISE SURVEY FULL RESULTS

Noise levels recorded during the noise survey are presented below. All noise levels are of 5-minute sample periods.

N1, Langley Road, Long-term measurement

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
03/11/2020	13:02:30	62.6	69.3	59.5	59.9	56.5	59.8	52	51.5	50.5	46.9	83
03/11/2020	13:05:00	59.9	69.1	56.2	54.7	52.8	51.7	49.9	44.8	58.9	46.7	85.9
03/11/2020	13:10:00	47.6	58.4	46.8	44.5	42.5	44.4	40	31.9	26.8	45.8	59.1
03/11/2020	13:15:00	51.3	59.2	50	50.8	46.5	45.8	45.7	37.2	30.4	46.6	69.9
03/11/2020	13:20:00	53.5	57.8	50.5	49.8	48	46.6	49.3	39.6	39.5	46.2	69.9
03/11/2020	13:25:00	51.2	58.2	49.7	47.5	46.1	45.5	46.5	35.9	34.2	45.5	70
03/11/2020	13:30:00	48	57.9	49.9	50.4	44.5	42.8	37.9	30.7	36.9	45.2	65.4
03/11/2020	13:35:00	48.8	58.7	48.9	47.7	43.8	43.2	37.5	40.6	41.3	45.4	67.4
03/11/2020	13:40:00	47.9	59.2	50.8	47.2	44.2	43.7	39.3	33.2	30.9	45.5	62.9
03/11/2020	13:45:00	47.6	58.5	48.5	46.2	43.4	43.3	40	35.6	26.5	44.6	64.7
03/11/2020	13:50:00	45.8	57.5	46.4	44.4	41.7	41.9	37.1	32.6	29.2	44.2	51.1
03/11/2020	13:55:00	52.3	59.1	50	45	43.6	45.8	46.7	45	41.6	47	60.7
03/11/2020	14:00:00	48.1	57.7	47.6	45.7	44.1	44.2	40.1	36	32.8	45.4	64.7
03/11/2020	14:05:00	47.6	58	48.8	46.6	43.8	43.5	38.6	35.5	32.1	45.9	58.6
03/11/2020	14:10:00	57.4	58.9	49.5	48.6	47.4	50.4	51.8	50.7	48.7	47.9	66.6
03/11/2020	14:15:00	55.2	58.5	49.3	47.4	46	49.2	49.4	48	45.3	49.4	63
03/11/2020	14:20:00	49.3	57.8	47.3	45.4	44	45.8	42	36.5	33.7	47	54.8
03/11/2020	14:25:00	48.7	59	50.6	46.7	44.1	44.9	40.8	35.9	32.3	47.4	56.7
03/11/2020	14:30:00	48.2	61.1	52.5	47.6	44.5	44.4	38.5	31.8	28.1	46.6	56.5
03/11/2020	14:35:00	48.7	58.3	48.5	47.4	45.1	45.2	39.7	34.5	30.6	47.2	56.3
03/11/2020	14:40:00	50.5	61.1	50.6	48.1	46	46.5	42.6	38.6	35.1	48.1	60.3
03/11/2020	14:45:00	50.3	60.1	49.6	48.4	46.1	46.5	42.4	35.9	32.2	47.6	73.9
03/11/2020	14:50:00	49.8	58.5	47.9	47.3	46.4	46.3	41.5	34.1	30.4	47.6	70.1
03/11/2020	14:55:00	50	58.8	50.9	48.2	45.8	46.4	41.7	35.7	30.8	47.4	62.4
03/11/2020	15:00:00	48.3	58.2	47.7	46.9	44.9	45.4	38.6	27.9	24.5	47.2	55.5
03/11/2020	15:05:00	51.9	60.2	51.2	48.6	48.3	48.5	43.8	35.6	34	48.3	65.4
03/11/2020	15:10:00	49.7	59	48.7	47.6	46.1	46.8	40.2	28.3	25.1	48.4	60.6
03/11/2020	15:15:00	50.6	59.3	50.2	48.2	46.6	47.7	41.6	32.5	26.9	48.5	64.1
03/11/2020	15:20:00	51.2	59	52.3	48.7	47.6	47.8	43	34.7	29.5	48.2	66.9
03/11/2020	15:25:00	51.3	61.4	54	48.7	47.3	47.7	43.2	35.8	31	48.2	71.6
03/11/2020	15:30:00	50	58.5	50.7	47.3	46.1	47.2	41.2	30.7	25	48.1	60.9
03/11/2020	15:35:00	48.5	59.3	49.6	46.2	44.4	45.4	40	31.8	26.1	46.5	58.6
03/11/2020	15:40:00	52.5	59	51.5	47.5	45.4	47.5	46.4	43.4	39.9	48.3	58.7
03/11/2020	15:45:00	49	60	50.6	47.3	45.3	45.7	39.8	32.6	26.9	47.3	63.5
03/11/2020	15:50:00	54	62.4	52.6	49.8	47.8	48.9	48.1	44.3	40.8	46.7	69.2
03/11/2020	15:55:00	58.8	59.4	50.1	47.1	47.8	51.3	53.8	52.1	48.9	53.6	65.4
03/11/2020	16:00:00	50.8	58.3	48.5	45.4	44.6	45.6	44.4	42.1	39.4	47.2	63.5

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
03/11/2020	16:05:00	47.9	58.9	49.8	47.6	44.4	44.1	38.8	33.2	30.2	46.9	55.9
03/11/2020	16:10:00	53.1	61.2	54.4	51.4	47.6	47.7	46.6	42.8	38.4	47	68.9
03/11/2020	16:15:00	47.6	59.8	52.4	48.1	44.7	43.5	37.3	29.8	25.7	46.5	62.4
03/11/2020	16:20:00	48.3	60.3	50.6	46.9	44.7	44.5	39.5	32.9	28.9	46.7	60.4
03/11/2020	16:25:00	47.8	59.2	50.4	46.9	44.4	44.4	38.3	30.3	25.5	46.5	57.8
03/11/2020	16:30:00	47.7	59.8	50.7	46.9	44.4	44.2	38.1	29.7	25.2	46.5	61.8
03/11/2020	16:35:00	47.6	59.2	50.4	47.2	44.5	44.1	37.9	27.4	22.9	46.3	58.4
03/11/2020	16:40:00	48.7	59.1	51.6	47.7	44.8	45.4	39.7	30.4	25.5	46.7	62.5
03/11/2020	16:45:00	47.8	59	51.7	48.2	44.6	44.2	37.6	29.1	24.9	46.3	64.8
03/11/2020	16:50:00	47.6	60.2	50.8	47.6	44.5	44	37.2	29.3	24.3	46.6	55.7
03/11/2020	16:55:00	48.7	59	50.7	47.8	45.3	45.1	39.5	31.3	25.7	46.5	64.3
03/11/2020	17:00:00	48.4	59.4	50.6	48.2	45.6	44.8	38.8	25.6	21.8	47	68.2
03/11/2020	17:05:00	47.8	59.5	50.6	47.3	44.3	44.4	37.3	29.5	29.3	46.6	55.7
03/11/2020	17:10:00	48	59.2	51.4	47.5	44	44.6	37.6	32.3	31.1	46.3	63.1
03/11/2020	17:15:00	46.8	59.5	50.2	46.4	43.6	43.6	35.7	25.1	22.2	46	53.6
03/11/2020	17:20:00	46.8	59.4	49.7	45.6	43.8	43.5	36.6	26	21.6	45.2	65.9
03/11/2020	17:25:00	46.7	59.1	49.5	45.9	44	43.1	36.6	25.8	21	45.1	63.8
03/11/2020	17:30:00	47	58.2	49.3	46.5	43.3	43.6	37.7	30.9	26.9	44.8	60.8
03/11/2020	17:35:00	51.2	59.6	51.2	50.6	47	45.5	44.5	41.3	33.2	45.1	78.3
03/11/2020	17:40:00	53.4	58.6	50.6	45.9	44.9	47.6	48.6	44.8	36.6	45.2	79.2
03/11/2020	17:45:00	46.7	58.6	49.7	47.1	43.4	43.1	36.2	27	22.7	45.2	60.6
03/11/2020	17:50:00	49.7	57.9	48.7	46.4	44.5	45.9	42.9	38.1	28.4	44.9	75
03/11/2020	17:55:00	55.2	58.7	52	53.3	48.8	50.1	49.1	45.7	37.7	45.7	82.6
03/11/2020	18:00:00	60	57.7	49.1	46.5	44.3	45	57.8	50.6	28.6	46.2	73.7
03/11/2020	18:05:00	60.7	57.9	49.1	48.2	44.4	44.1	58.4	51.9	27.5	59.8	65.2
03/11/2020	18:10:00	60.6	57.8	48.8	46	43.5	45	58.3	51.6	27.3	59.7	65.2
03/11/2020	18:15:00	54.3	57.2	47.6	45	42.9	44.4	51.5	44.5	24.1	45.8	63.2
03/11/2020	18:20:00	47.7	57	47.5	45.6	43.3	45.1	38.1	24.4	21.5	45.8	59.3
03/11/2020	18:25:00	47.5	59.8	48.8	45.7	43.7	44.6	37.8	28.3	24.1	45.7	57.5
03/11/2020	18:30:00	46.5	56.7	46.7	44.1	42	44	36.6	24.4	21.9	45.5	55
03/11/2020	18:35:00	53.7	58	48.5	49.2	51.1	50.1	44.9	39.4	33.4	45.5	85.3
03/11/2020	18:40:00	59.2	57.1	49.6	55.4	56.7	54.8	51	48.5	41.4	45.7	90.2
03/11/2020	18:45:00	58.2	57.5	47.5	49.7	54	55.6	49.1	45.6	41.4	45.2	90.5
03/11/2020	18:50:00	47.4	58.3	53.9	45.6	43.4	44.6	36.6	25.7	22.7	45.9	56
03/11/2020	18:55:00	47.4	58.1	48	45.4	43.1	45	37.1	25	22.4	46.3	58.3
03/11/2020	19:00:00	47.6	58.1	48.5	45.7	43.6	45.1	37.1	25.5	22.7	46.6	55.3
03/11/2020	19:05:00	47.6	57.4	48.1	45.2	43.2	45.1	37.7	26.6	23.5	46.4	56.9
03/11/2020	19:10:00	50.9	57	50	50.2	51.7	45.7	38.3	26.8	23.2	45.8	79.1
03/11/2020	19:15:00	46.3	55.9	47.1	45.3	42.6	43.6	35.8	23.6	21.3	44.8	64.9
03/11/2020	19:20:00	54	57.5	51.4	57.5	53.8	46.9	37.7	25.4	21.8	44.9	76.4
03/11/2020	19:25:00	46.6	57.5	48.3	45.7	43.3	43.6	36.4	25.7	22.1	45	62
03/11/2020	19:30:00	46.8	56.2	48.1	47.1	44.3	43.4	35.3	22.9	20.9	44.7	64.7
03/11/2020	19:35:00	53	55.8	48.1	46.2	45.2	48	46.7	45.3	39.8	44.8	80.3

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
03/11/2020	19:40:00	49.3	59.8	52	51.4	45.9	45.4	38.2	27.5	22.9	45.3	75.7
03/11/2020	19:45:00	52.6	57	55.1	56.7	50.1	46.7	41	30	22.3	45	81.8
03/11/2020	19:50:00	53.5	57.9	56.4	55.8	51.5	48.5	42.3	32.5	24.2	44.6	83.7
03/11/2020	19:55:00	46.9	55.9	47.3	48.4	42.9	43.6	36.7	24.1	20.8	44.9	61.2
03/11/2020	20:00:00	45.1	56.2	47.5	43.3	41.3	42.2	35.1	23.7	21	43.8	59.7
03/11/2020	20:05:00	54.3	56	46.1	51.4	50.7	51.2	45.9	40.3	33.6	43.5	86.5
03/11/2020	20:10:00	45.3	55.4	46.2	42.4	41.1	42.8	35.7	23.2	21.2	43.9	52.6
03/11/2020	20:15:00	60.5	56.1	53.4	58.4	60.4	56.2	47.3	45.7	40.3	43.2	93.1
03/11/2020	20:20:00	46.5	55.6	46.2	44.4	43.7	43.5	36.2	24.2	21.6	44.2	59.3
03/11/2020	20:25:00	46.5	58.5	48	44.3	42.1	43.8	36.8	27.5	24.4	44.8	59.1
03/11/2020	20:30:00	47.5	58.5	48.7	44.5	42.9	44.4	39.1	31.7	28	45	60.9
03/11/2020	20:35:00	46.4	56.5	46.2	43.7	42.1	43.8	36.8	26.4	27.6	44.9	59.6
03/11/2020	20:40:00	46.1	55.3	44.9	43.2	41.6	43.9	36.3	24.4	21.7	44.6	55
03/11/2020	20:45:00	50.6	58.1	48.1	53.6	49.3	45.8	37.1	22.6	21	45	72
03/11/2020	20:50:00	46.3	58	45.5	42.8	41.6	44.1	36	22.7	21.2	45	52.1
03/11/2020	20:55:00	46.2	56.7	45.6	42.9	41.9	44	36.1	23	21.2	44.9	56.4
03/11/2020	21:00:00	46.3	56.7	45.9	45.7	42	43.6	36.4	24.5	21.6	44.8	55.1
03/11/2020	21:05:00	48.4	57.1	53.2	49.7	44.9	44.5	37.6	27	22.9	45	61.3
03/11/2020	21:10:00	46.7	54.2	45.3	43.2	42	44.6	37.1	23.8	20.7	45.2	54.3
03/11/2020	21:15:00	46.5	56.5	46.8	44.2	42.4	44.1	36.3	24.4	20.4	45.1	59.3
03/11/2020	21:20:00	46.2	54.5	44.7	42.9	41.9	44	36.1	22.4	21.1	44.8	57.4
03/11/2020	21:25:00	45.9	55.8	46.5	43.9	41.9	43.5	35.5	23.1	21.3	44.8	54.2
03/11/2020	21:30:00	46.1	56.1	46.8	43.4	41.7	43.6	36.2	24.8	22.1	44.5	56.7
03/11/2020	21:35:00	45.7	55.6	49.9	43.8	41.7	42.8	34.9	23.2	21.2	44.1	60.2
03/11/2020	21:40:00	46.2	55.9	47.1	44.3	42	43.5	36.4	26.4	22.8	44.6	56.1
03/11/2020	21:45:00	47.6	56.7	46.5	46	45.8	44.4	36.1	23.7	21.6	45	61.6
03/11/2020	21:50:00	47.8	57.3	49.8	47.5	45	44.5	36.7	27	23.4	45.6	62.9
03/11/2020	21:55:00	53.2	55.5	49.3	49.7	49.5	49	45.9	41.8	34.5	45.8	81.9
03/11/2020	22:00:00	49	56	46.7	46.5	45.2	45.2	40.3	38.1	31.5	45.1	73.2
03/11/2020	22:05:00	47.8	55.7	47.6	44.9	44	45.4	37.7	25.9	22.2	46.2	62.4
03/11/2020	22:10:00	48.1	57	49.7	46.8	44.8	45.2	38.1	27.1	23.5	46.3	61
03/11/2020	22:15:00	49.5	59.7	50.6	48.2	47.4	46.1	38.4	29	24.4	45.6	70.7
03/11/2020	22:20:00	46.7	58.9	46.5	45.9	43.2	43.9	35.6	23.6	21.4	45.2	62.3
03/11/2020	22:25:00	45.9	54.4	46.3	44.6	43.3	42.8	35.4	26.9	23.2	44.4	62.9
03/11/2020	22:30:00	45.7	55.9	47.5	44.5	42.4	42.5	35.6	25.9	23.2	44.1	55.9
03/11/2020	22:35:00	45.4	55.3	46.5	44.8	42.2	42.5	33.9	24.2	21.7	44.3	56.3
03/11/2020	22:40:00	45.5	55.5	46.6	44.6	42.3	42.6	34.2	24.3	21.8	43.8	60
03/11/2020	22:45:00	45.3	56.2	47.2	44.2	42.4	42.1	33.9	27.5	24.5	43.3	57.1
03/11/2020	22:50:00	46.5	54.8	45.4	43.3	41.6	43.1	39.8	29.8	21.2	43.6	57.6
03/11/2020	22:55:00	45.4	56	46.8	44.4	42.2	42.5	34.5	23.6	21.7	43.8	60.1
03/11/2020	23:00:00	44.7	53.3	46.7	43.8	41.4	41.8	34.1	22.8	21.2	43.2	62.6
03/11/2020	23:05:00	44.3	53.2	44.9	43.2	41.1	41.5	33.7	21.8	20.9	42.7	52.1
03/11/2020	23:10:00	45.1	57.1	47.6	43.7	41.8	42.2	33.7	22.1	20.7	43.8	54.7

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
03/11/2020	23:15:00	45	53.6	45.3	42.4	41	42.4	35.4	23.3	21.3	43.4	51.8
03/11/2020	23:20:00	44.7	55.9	46.2	42.4	40.8	41.9	34.7	25.4	23.8	42.9	54
03/11/2020	23:25:00	45.9	53.9	44.1	43	42.6	43.2	36	26.8	25.1	42.9	61
03/11/2020	23:30:00	44.3	52.3	44.1	42.2	40.7	41.6	34.4	23.7	21.8	42.5	51.8
03/11/2020	23:35:00	44.2	54.6	44.3	41.7	40.5	41.6	34.2	24.3	21.6	42.9	55
03/11/2020	23:40:00	42.5	51.5	43.1	40.4	38.9	39.6	32.7	23.9	22.3	40.7	53.9
03/11/2020	23:45:00	43.2	56.6	43.9	40.8	39.2	40.3	33.7	24.7	22.3	41.3	52.8
03/11/2020	23:50:00	43.4	53.6	45.3	42.4	40.7	40	32.5	22.7	21.5	40.9	57.9
03/11/2020	23:55:00	45.1	55.7	44.7	42.1	41.3	42.3	36.1	25.7	22.5	41.6	66.7
04/11/2020	00:00:00	43	57.2	45.3	41.7	39.2	39.9	33	23	21.5	40.9	55.6
04/11/2020	00:05:00	41.7	53.2	42.7	39.8	37.7	38.8	31.8	24.9	23	39.6	50.1
04/11/2020	00:10:00	40.7	49.7	43	40	37.6	37.2	30.7	24.8	23.2	38.4	60.2
04/11/2020	00:15:00	42.4	53.9	45.1	44	39.5	38.3	31.7	24.1	21.5	39.6	64.7
04/11/2020	00:20:00	41	51.7	44.5	40.2	37.6	37.7	30.9	22.3	21.2	39.5	46.5
04/11/2020	00:25:00	42	51.4	44.5	40.5	38.4	38.8	32.9	23.7	21.6	39.9	51.4
04/11/2020	00:30:00	40.5	50.3	43.7	40	37	37.1	30.6	22.7	21	38.9	50.9
04/11/2020	00:35:00	40.7	51.6	44.6	39.3	36.9	37.6	30.7	23	21.4	39.3	45.9
04/11/2020	00:40:00	41.5	51.6	43	39.5	37.4	38.6	32.2	25	22.6	39.1	54.8
04/11/2020	00:45:00	41.5	51.8	46	40	37.5	38.7	31.5	22.6	21	39.8	54
04/11/2020	00:50:00	41.6	50.6	42.7	39.2	37.3	38.9	31.9	25	21.5	40.2	56.3
04/11/2020	00:55:00	41.2	50.9	42.6	39.7	37.8	38.1	31.4	22.8	21.3	39.3	48.7
04/11/2020	01:00:00	42	50.7	43.1	41	38.5	38.4	32.8	26.5	22.1	39.6	52.3
04/11/2020	01:05:00	43.3	50.3	44.7	46.1	41	38.8	31.1	24	21.9	38.4	71.9
04/11/2020	01:10:00	40	48.9	41.8	37.8	36.2	36.8	30.6	24.9	22.4	38.2	54.8
04/11/2020	01:15:00	42.3	50.9	44.3	39.9	38	39.2	33.5	25.8	22.5	39.3	56.5
04/11/2020	01:20:00	40.9	49.6	44.1	39.8	37.2	37.9	30.4	23.4	21.8	39.2	54.3
04/11/2020	01:25:00	41.7	52.2	43.1	39.7	37.8	38.6	32	25.4	23.4	38.8	57.3
04/11/2020	01:30:00	40.2	49.6	44	39	37.4	37.1	28.3	22.4	21.7	38.5	46.5
04/11/2020	01:35:00	41.6	52.4	44.5	39.8	38	38.3	32	25.7	22.6	38	56.4
04/11/2020	01:40:00	41.2	49.1	43.6	41	38.2	38	30.2	21.9	20.7	39.2	46.9
04/11/2020	01:45:00	40.9	50.7	43.3	40.3	38.5	37.6	29.1	22	21	38.5	45.8
04/11/2020	01:50:00	38.9	49.5	40	37.2	36.1	35.6	28	21.6	20.3	36.5	44.5
04/11/2020	01:55:00	39.3	48.6	41.4	38.4	36.5	36.2	27.8	21.7	20.4	38	47.2
04/11/2020	02:00:00	39.9	48.6	41.4	38.8	37.6	36.6	28	21.8	20.6	37.7	49.1
04/11/2020	02:05:00	40.2	48.7	41.8	39.4	37.8	36.9	28.4	22.1	20.7	38	59.9
04/11/2020	02:10:00	40.9	49.4	44.1	41.1	38.8	37.4	28.1	22.3	21.1	39.1	49.7
04/11/2020	02:15:00	40.8	49.2	42.3	39.8	38.1	37.7	29.5	23.3	21.3	38.9	57.3
04/11/2020	02:20:00	40.7	48.7	42.3	40.5	38.7	37.2	27.7	22.2	21.3	38.6	47.4
04/11/2020	02:25:00	39.6	47.7	41.1	38.9	37.3	36.2	27.5	21.7	21.3	38.3	45.9
04/11/2020	02:30:00	41.4	52.8	42.7	40	38.9	38	30.9	23.8	21.3	38.7	55.3
04/11/2020	02:35:00	39.6	48.6	41.6	38.7	36.7	36.3	28.6	22.5	21.3	37.7	45.6
04/11/2020	02:40:00	39.8	49.3	42.7	38.7	36.9	36.6	28.5	22.3	21	38.2	46
04/11/2020	02:45:00	40	48.7	44.9	40.4	37.9	36.2	26.7	21.3	20.6	38.6	44.4

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
04/11/2020	02:50:00	40.9	49.3	46.4	41.3	38.8	36.7	28.6	22.9	22.6	39.1	50.8
04/11/2020	02:55:00	39.9	48.8	42.6	39.8	37.6	36.5	27.6	21.9	20.4	38.4	46.8
04/11/2020	03:00:00	39.5	49.8	42.7	39.9	37.7	35.7	25.1	22.3	20.6	38.4	45.4
04/11/2020	03:05:00	40	50.7	43.8	40.2	37.7	36	27.8	22.2	20.7	39	47.2
04/11/2020	03:10:00	40	50.3	44	40.2	38	35.9	27.6	21.9	20.9	38.8	46.8
04/11/2020	03:15:00	39.6	50.3	42.8	39.4	36.9	36	28.6	22	20.6	38.3	45.1
04/11/2020	03:20:00	39.2	49.7	42.6	39.2	36.9	35.4	27.6	21.5	20.7	38	48.8
04/11/2020	03:25:00	40	50.2	43.4	39.9	38.1	36	27.7	22.7	21.5	38.7	52.2
04/11/2020	03:30:00	39.1	50	42.6	39.2	36.8	35.3	26.5	22.2	21.2	37.7	47.7
04/11/2020	03:35:00	39.2	49.4	42.6	39.6	37	35.6	25.6	21.6	20.5	37.9	44.8
04/11/2020	03:40:00	40.9	51.1	43.6	40.9	39.2	37.3	26	22.1	20.9	39.8	48.8
04/11/2020	03:45:00	40.3	51.2	43.9	41	38.3	36.5	26.1	20.8	20.2	39	45
04/11/2020	03:50:00	40.6	49.5	43.2	40.8	38.8	37	25.8	21.7	20.3	38.8	47.7
04/11/2020	03:55:00	40.1	50.3	43.5	40.8	38.2	36.3	24.9	22.7	20.4	38.7	44.9
04/11/2020	04:00:00	40	49.3	43	39.9	37.5	36.4	27.9	22.8	21.5	38.1	52.9
04/11/2020	04:05:00	40.4	49.1	43	40.1	38.3	36.5	27.5	23.5	25.8	38.5	48.6
04/11/2020	04:10:00	47.4	51	43.3	40.6	38.7	37.5	27.5	34.2	46.4	39.3	65.9
04/11/2020	04:15:00	41.3	50.8	44.5	41.6	39.4	37.5	28.1	23.3	21.3	39.6	49.8
04/11/2020	04:20:00	40.9	50.8	44.6	41.1	38.4	36.1	26.3	31.7	25.1	39.3	50.8
04/11/2020	04:25:00	49.2	56.3	53.2	47	47.4	44.2	37.5	39	30.6	39.8	70.7
04/11/2020	04:30:00	45.3	51.4	44.1	41.7	38.8	37.2	27.3	28.5	43.7	39.8	64.1
04/11/2020	04:35:00	45.7	50.8	45.6	42.8	39.9	37.3	26.3	33.3	43.7	39.8	64.1
04/11/2020	04:40:00	44	51.4	45.8	43.4	40.1	38	27.5	38.5	28.7	40	54.2
04/11/2020	04:45:00	42.5	51.2	45.9	43.8	41.1	38.5	25.4	22.8	21.1	41.3	49.2
04/11/2020	04:50:00	41.8	52.2	44.4	42.4	39.7	38.2	26.6	24.5	24.8	40.2	50.9
04/11/2020	04:55:00	45.3	51.8	45.3	43.3	41.2	39.5	28.1	40	32.1	41	56.3
04/11/2020	05:00:00	49.5	51.6	45.8	42.6	39.9	37.8	28.1	33.4	49	40.8	64.1
04/11/2020	05:05:00	43	51.3	45.8	43.5	40.5	38.1	25.9	33.4	31.7	41	53.1
04/11/2020	05:10:00	44.8	52.6	47.2	44.3	41.9	40.1	28.3	37.2	29.6	42.5	52.1
04/11/2020	05:15:00	44.7	52.6	47.5	43.3	41.3	40	29.3	37.7	30.4	42.5	52
04/11/2020	05:20:00	45.5	52.7	47.2	44	42.4	41.4	31.2	36.9	31.6	43.1	57.4
04/11/2020	05:25:00	44.1	52.5	46.6	44	42.3	41	27.6	23.2	20.3	43	51.5
04/11/2020	05:30:00	44.9	52.9	46.7	44.6	43.7	41.4	28.7	22.6	19.9	43.7	52.8
04/11/2020	05:35:00	47.4	53.2	47.2	45.4	45.4	43.8	30	37.3	31.1	45.5	55
04/11/2020	05:40:00	47.5	54.2	47.5	45.7	45.3	44.5	31.6	35.9	27.8	46.1	54.8
04/11/2020	05:45:00	47.6	54.6	47.5	45.5	44.7	44.2	31.6	26.1	40.5	45.8	61.9
04/11/2020	05:50:00	46.6	54.7	47.3	45.4	44	43.8	31.2	31.1	29.9	45.1	55.5
04/11/2020	05:55:00	46.5	54.3	47.6	45.3	43.8	42.7	31	35.6	34	44.2	63.2
04/11/2020	06:00:00	46.3	54.8	47.7	45.7	43.8	42.2	29.7	37.1	31.1	44.7	53.6
04/11/2020	06:05:00	46.6	55.6	50.2	46.7	44.3	43.1	30.9	33.5	25.8	44.9	52.7
04/11/2020	06:10:00	46.5	54.8	48.7	46.5	44.4	43.6	29.9	23.9	22.6	45.2	50.4
04/11/2020	06:15:00	47.8	55.6	48	46.5	44.8	44.3	35.3	36.3	33.7	45.9	62.2
04/11/2020	06:20:00	51.8	55.5	52	49.9	46.5	45	37.6	46.8	42.8	47.2	62.2

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
04/11/2020	06:25:00	49.4	56.6	49.7	47.3	45.1	45.1	39.2	40.9	36.1	46.8	63.9
04/11/2020	06:30:00	50.9	56.6	50.2	47.9	45.5	45.6	44	40.7	41.4	46.7	65.9
04/11/2020	06:35:00	49.5	57.3	53.1	49.6	46.3	45.9	39.4	30.7	24.3	47.5	59.1
04/11/2020	06:40:00	49.3	57.2	51	49	46.9	46.2	34.1	34.6	29.6	48.4	58.8
04/11/2020	06:45:00	49.1	58.1	50.1	48.4	46.8	46.3	34.1	27.6	25.2	48.3	51.2
04/11/2020	06:50:00	48.9	57.1	50	48.5	46.5	45.9	35.3	32.3	26.6	47.9	58
04/11/2020	06:55:00	48.4	57	50.1	48.3	45.8	45.5	35.3	27.1	23.1	47.5	53.1
04/11/2020	07:00:00	49.3	57.6	50.5	48.5	46.5	46	36.2	35.4	32.2	48.2	56.1
04/11/2020	07:05:00	52.6	59.2	50.7	49.2	47.6	47.1	36.2	47	43.7	49.2	66.9
04/11/2020	07:10:00	51.5	58.8	51.4	49.3	47.3	46.8	38.9	43.9	41.5	48.6	65.1
04/11/2020	07:15:00	50.2	57.7	50.7	48.8	46.8	46.2	42.6	33.7	32.3	48.2	67.1
04/11/2020	07:20:00	49.9	58.7	50.5	48.3	46	45.8	42.4	33.8	34.1	47.4	64.5
04/11/2020	07:25:00	50.3	59.3	51.3	49.5	47.4	46.8	38.5	35.7	37	48.4	72.6
04/11/2020	07:30:00	51.2	59	51.6	49.5	48.4	47.7	38.3	39.7	35.4	49.7	58.8
04/11/2020	07:35:00	52.2	59.5	52.4	50.7	49.3	49	42.1	35.7	34.5	50.7	68
04/11/2020	07:40:00	51.4	59.4	52.3	50	49	48.2	40.1	30.8	30.6	50	65.8
04/11/2020	07:45:00	51.7	60.2	51.7	49.7	48.1	47.7	37.3	41.9	42.3	49.9	69.4
04/11/2020	07:50:00	52.5	59.8	52	49.7	48.1	47.8	39.6	44.3	45.3	49.8	71.9
04/11/2020	07:55:00	53.4	60.6	51.9	50.3	49.5	48.8	47.9	35.9	31.8	49.8	74.2
04/11/2020	08:00:00	52.9	60.1	53.4	51.5	50.5	49.4	43	35	29.8	50.9	74.7
04/11/2020	08:05:00	52.3	61.4	54	52	49.9	48.7	40.3	36.1	36.8	50.6	67.3
04/11/2020	08:10:00	51.3	60.2	51.6	50.1	48.7	48.3	39.4	31.9	33.2	50.4	61
04/11/2020	08:15:00	52.7	60.6	53.2	51.8	50.6	48.7	42.8	36.4	36.5	50.4	68.6
04/11/2020	08:20:00	51.2	60.6	52.1	49.7	48.5	47.4	39.6	39.7	35.2	49.9	59.8
04/11/2020	08:25:00	52.5	60.8	53.4	50.7	49.7	48.3	43.6	39.9	34.2	49.6	75.2
04/11/2020	08:30:00	52	61.3	52	50.5	48.9	48.2	42.6	39	34.8	49.7	69.9
04/11/2020	08:35:00	51	60.2	51.2	49.6	48	47.4	41.5	37.2	32.8	49.7	57.9
04/11/2020	08:40:00	52.5	61	51.5	49.8	48.4	47.9	42.9	43.7	40.4	49.4	73.8
04/11/2020	08:45:00	50.1	60.8	51.6	48.9	47.3	46.4	37.9	38.2	33.8	48.8	59.4
04/11/2020	08:50:00	51.3	60.2	51.3	49.6	47.6	47.2	43.3	38.8	32.9	49.1	72.3
04/11/2020	08:55:00	51.1	60.9	53.4	50	48.1	47.4	41.6	34.4	32.2	48.7	73.5
04/11/2020	09:00:00	50.3	59.9	50.8	49	47.2	45.7	37.9	36.4	42.5	48.2	62.2
04/11/2020	09:05:00	51	60.4	51.4	49.3	47	45.7	41.4	39.5	43.3	48.6	61.6
04/11/2020	09:10:00	53.1	60.5	51.7	49.7	48.9	47.9	45.9	43.7	40.3	50	64.5
04/11/2020	09:15:00	54.4	60.7	50.7	49.2	48.1	48.6	48.1	46.4	43.4	50.5	58.7
04/11/2020	09:20:00	55.2	60.6	52	51.1	49.4	49.3	49	46.6	43.2	53	63
04/11/2020	09:25:00	53.9	63.1	52.3	52.9	51.9	48.5	45.5	42.7	39.7	50	69
04/11/2020	09:30:00	52.2	60.1	52.6	49.8	48.5	47.8	45.3	38.6	35.1	49.6	67
04/11/2020	09:35:00	51.4	59.4	53.4	51.7	49.2	47.5	39.4	35.4	31.3	49.9	60.9
04/11/2020	09:40:00	51.7	59.9	53.2	52.1	49.2	47.1	41.5	38.4	35.2	49.4	60.7
04/11/2020	09:45:00	50.6	58.7	52	49.4	47.7	47.2	39.9	35.2	36.1	49.4	61.9
04/11/2020	09:50:00	50.9	59.5	51.6	49.3	47.8	47.1	41.6	35.2	35.8	49	72.8
04/11/2020	09:55:00	51.7	58.9	50.1	49.5	47.8	47	38.4	43.7	43.2	49	65.4

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
04/11/2020	10:00:00	53.4	58.9	50.3	49.3	48	46.5	37.2	48.7	45.6	49.2	65
04/11/2020	10:05:00	52.4	59.1	49.1	48.2	46.7	45.4	36.2	47.9	44.7	48.1	65.2
04/11/2020	10:10:00	48.5	58.6	49.8	48.4	46.3	44.9	35.6	33.2	30.5	47.7	55.6
04/11/2020	10:15:00	52.7	59.8	53.5	53	48.8	45	46.2	42.7	40.2	47.3	71.7
04/11/2020	10:20:00	47.8	58	49.6	48.2	45.6	44	35.5	31.2	27.6	46.7	54.5
04/11/2020	10:25:00	48	57	48.4	47.7	45.8	44.8	35.6	28.1	24.3	46.6	55.9
04/11/2020	10:30:00	50.4	60.2	51.4	49	46.9	46.4	41.6	38	33.7	46.9	64.6
04/11/2020	10:35:00	52.3	59.4	52.2	50.7	49.1	47.4	44.5	41.1	36	46.7	71.2
04/11/2020	10:40:00	48.9	58.8	49.7	48	46.4	45	39.6	30.6	24.6	46.3	63.7
04/11/2020	10:45:00	50	59.7	52.1	51.5	48	44.9	40	31.8	29.3	47	62.5
04/11/2020	10:50:00	47.9	59.5	49.7	48.4	45.4	43.9	36.1	32.3	29.2	46.3	58.1
04/11/2020	10:55:00	52.4	60.1	51.5	49.6	48	46.5	47.5	37.4	32.8	46.6	72.3
04/11/2020	11:00:00	50.2	59.8	50.5	48.6	48.3	45.9	41.5	31.9	31.4	46.7	74.2
04/11/2020	11:05:00	50.8	61.4	50.3	48	47.2	46	43.4	38.7	35.1	45.9	65.7
04/11/2020	11:10:00	49.6	58.8	50.6	49.1	45.2	45.1	42.8	33	30.1	46.6	61.7
04/11/2020	11:15:00	48.4	58.3	49.8	47.9	46.3	44	38.7	31.1	27.3	46.3	53.9
04/11/2020	11:20:00	49	58.4	49.8	46.8	47	44.8	38.7	32.7	35.4	45.8	61.4
04/11/2020	11:25:00	48.3	58.9	48.5	45.9	45.2	43.1	39.5	37.8	36.4	44.8	68.3
04/11/2020	11:30:00	47.2	59.2	50.9	46.2	44.1	42.7	38.2	33.3	29.8	44.2	69.4
04/11/2020	11:35:00	47.3	58.2	49	45.5	45.3	42.8	36.8	29.1	34.8	44.3	56.2
04/11/2020	11:40:00	50.4	61.8	51.8	47.8	46.7	45.6	43	39.3	30.3	46.1	72
04/11/2020	11:45:00	47.6	58.2	50.5	46.2	44.3	43.2	39.9	33.4	27	45.6	57.2
04/11/2020	11:50:00	48.9	59.2	50.1	46.1	44.7	44.3	41.5	37.8	31.6	46.4	66.1
04/11/2020	11:55:00	48.4	58.6	50.1	45.6	44.5	43.9	41.8	33.8	26.2	45.8	61.1
04/11/2020	12:00:00	52.2	61.6	53.3	53.8	49.7	47.2	43.1	37.1	33.3	44.7	80
04/11/2020	12:05:00	53.5	58.7	49.8	45.5	42.9	50.2	47.6	38.8	38.5	44.4	74
04/11/2020	12:10:00	50.9	61.1	52.4	48	45	46.6	43.9	39.6	35.7	44	71.3
04/11/2020	12:15:00	48.1	58.3	48.3	44.2	41.9	41.8	43.7	34.8	31.5	42.7	63.1
04/11/2020	12:20:00	53	58.2	48.8	43.8	41.3	44.7	50.5	37.5	38.5	42.5	65.5
04/11/2020	12:25:00	72.4	62.7	57.8	69.2	70.3	65.6	67	59.6	52	43.5	97.3
04/11/2020	12:30:00	49.6	59.1	48.3	46.1	41.8	43.4	43.5	41.9	37.4	43.2	69.8
04/11/2020	12:35:00	48.7	58.7	47.5	44.3	42.2	42.6	40.5	42.2	38.4	44.2	68
04/11/2020	12:40:00	50.3	57.9	47.4	45.1	43.1	42.8	43.1	44.4	41.2	44.8	69.9
04/11/2020	12:45:00	49.2	58.5	48.7	47	43.5	43.8	42.1	41	36.1	45.2	69.5
04/11/2020	12:50:00	52.2	59	53	48.6	46.8	47	45.7	43.1	36.2	46.1	68.7
04/11/2020	12:55:00	48.2	58.1	47.7	43.8	42.1	44.5	41.9	33.5	26.4	45.6	58.3
04/11/2020	13:00:00	47.3	58.6	47.6	44.1	41.6	43.3	41	32.8	26.3	44.6	59.5
04/11/2020	13:05:00	47.6	57.3	47.6	42.8	43	43.4	40.2	35.7	34.7	44.6	57
04/11/2020	13:10:00	47.8	58.3	47.6	42.8	44	43.7	39.8	33.7	34.2	45.4	57.8
04/11/2020	13:15:00	48.4	57.7	50.2	45.1	46.1	43.8	40.1	31.4	26.6	45.6	54.2
04/11/2020	13:20:00	49.1	57.7	50.2	45.6	46.4	44.9	40.6	35.1	29.9	46.3	56.3
04/11/2020	13:25:00	51.4	59.8	51.6	46.7	49.2	46.5	43.1	37.5	32.6	48	58.7
04/11/2020	13:30:00	51.5	57.4	49	44.3	49.7	47	43.3	37.2	32.6	44.6	72.4

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
04/11/2020	13:35:00	51.1	58.3	48.1	43.3	49.2	45.1	44.7	35.3	28.3	43.6	64.2
04/11/2020	13:40:00	50	59.5	47.7	43.9	44.9	44.1	45.2	36.7	29.8	43.6	63.1
04/11/2020	13:45:00	47	57.7	48.2	45.4	43.8	42.6	39.4	32.9	26.6	43.6	63.2
04/11/2020	13:50:00	48.3	58.8	49.6	47.4	44.4	42.8	41.9	34.2	32.7	41.8	72.7
04/11/2020	13:55:00	45.3	56.5	45	41.4	38.9	41.3	39.1	32.3	26.2	41.8	63.3
04/11/2020	14:00:00	42.4	56.2	45.1	41.1	38.6	38.6	33.8	26	21.1	40.9	49.6
04/11/2020	14:05:00	45.1	55.2	45.1	40.9	39	40	38.7	36.1	31.7	40.7	71.2
04/11/2020	14:10:00	68.6	68.8	56.4	55.8	61.5	62.2	58.2	61.9	62.8	43.7	95.6

N2. Wilmslow Road-Long Term Measurement

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
03/11/2020	13:37:38	64.1	72.3	59.2	59.5	58.6	60.1	57.9	51.1	51.2	58.4	78.7
03/11/2020	13:40:00	62.6	68.4	59.6	59.2	57.3	59.2	55.9	48.7	44.7	56.8	76.6
03/11/2020	13:45:00	61.9	70.2	60.6	58.7	55.8	58.9	55.2	45.6	35.3	56.4	70.5
03/11/2020	13:50:00	62	67.4	59.3	56.5	55.7	59.4	55.5	45.6	34.8	55.4	70.5
03/11/2020	13:55:00	62.5	69.9	62.4	60.2	57.4	59.1	55.5	48.9	40.1	58.1	72.4
03/11/2020	14:00:00	62.2	67.8	58.5	57.5	55.7	59.3	55.5	48.2	43.3	56.2	67.2
03/11/2020	14:05:00	63.2	68.2	60.3	59.6	57.4	60	56.6	49.8	41.2	57.9	70.7
03/11/2020	14:10:00	62.8	70.4	60.7	58.4	56.3	59.4	56.4	50.7	42.2	58.9	67
03/11/2020	14:15:00	65.5	69.8	62	60.4	58.1	60.6	60.1	56.4	49.1	60	72.3
03/11/2020	14:20:00	64.8	69	59.3	57.6	57.2	60.5	59.5	55.2	46.6	57.7	70.1
03/11/2020	14:25:00	64.4	68.7	60.6	57.3	56.7	60.4	59	54.4	45.7	58.2	70.2
03/11/2020	14:30:00	64.1	66.9	58.6	56	56.5	60.3	58.5	54	45.3	55.9	70.3
03/11/2020	14:35:00	64.2	67.6	59.5	58.5	57.2	60.6	58.2	53.2	44.2	57.5	70.1
03/11/2020	14:40:00	63.9	68.1	61.3	57.6	57	60.1	58.2	53.4	44.1	58.7	70.5
03/11/2020	14:45:00	64.3	70.9	60.3	58.3	57.2	60.8	58.4	53.1	43.8	56.5	70.5
03/11/2020	14:50:00	64.3	70.1	60.8	59.5	57.5	60.7	58.3	53.1	43.6	58.5	70.5
03/11/2020	14:55:00	64.2	68.7	59.9	58.5	57.6	60.8	58.2	52.4	42.9	57.6	69.1
03/11/2020	15:00:00	62.8	68.4	59.1	57.9	55.8	59.3	57	51	41.5	56.7	67.9
03/11/2020	15:05:00	64.3	69.5	60.9	59.2	58.2	61	58	51.5	42.7	58.2	77.4
03/11/2020	15:10:00	62.4	70.6	61	57.9	56.3	59.2	55.9	48.8	41.5	56	68.9
03/11/2020	15:15:00	63.9	70.5	61.5	59.3	57.7	60.8	57.5	50.9	41.4	58.2	68.8
03/11/2020	15:20:00	63	66.6	59.3	56.7	56.1	60.1	56.8	49.3	41.4	57	69.5
03/11/2020	15:25:00	64	71.1	63.4	59.4	57.5	60.9	57.5	50.9	41.8	58.8	70.5
03/11/2020	15:30:00	64.2	70	60.9	58.7	57.7	61.5	57.6	49.7	40.6	58.8	70.4
03/11/2020	15:35:00	62.6	66.9	60.7	56.8	56.1	59.7	56.1	48.4	38.9	55.9	66.9
03/11/2020	15:40:00	63.9	69.4	60.1	58.6	57.5	61.1	57.4	50.1	41.4	58.1	70.3
03/11/2020	15:45:00	64.7	70.9	62.8	62	59.3	61.1	58.1	52	42.8	60.7	71.3
03/11/2020	15:50:00	62.6	71.3	61.9	58.6	57.2	59.2	56	49.5	40.3	57	71.1
03/11/2020	15:55:00	63.6	70.3	61.8	58.8	56.8	59.4	57.8	53	45	58	68.6
03/11/2020	16:00:00	62.6	67.9	59.1	57	55.7	58.4	57	52.3	44	56.1	69.3
03/11/2020	16:05:00	62.6	69	61.3	59.3	56.7	58.3	56.6	51.7	43.5	54.5	73.9
03/11/2020	16:10:00	62.8	71.4	62.7	60	57	58.7	56.5	51	42.1	56.5	72.8
03/11/2020	16:15:00	62.4	71	61.8	60.6	56.1	58.3	56.2	51	42	55.8	70
03/11/2020	16:20:00	63	72.8	63.7	59.4	56.3	58.9	56.9	51.8	42.9	57.2	68.4
03/11/2020	16:25:00	63	67.4	60.9	57.4	56.1	59.7	56.8	51.2	41.6	55.1	69.5
03/11/2020	16:30:00	63.2	72.8	61.8	60.2	56.8	59.4	56.9	51.2	42.2	58.2	69.8
03/11/2020	16:35:00	63.4	71	63.4	60.5	57.7	59.6	56.9	51.2	42.1	57.9	71.3
03/11/2020	16:40:00	61.8	66.9	58.1	55.9	56	58.6	55.3	49.3	39.8	54.4	67.8
03/11/2020	16:45:00	63.7	68.5	61	59.8	58.2	60.2	57.1	51	41.6	59.3	72.7
03/11/2020	16:50:00	64.3	70	62.7	60.7	58	60.9	57.9	51.7	42.5	58.6	74
03/11/2020	16:55:00	62.7	70	60.8	59	56.8	58.9	56.4	50.8	41.8	54.8	69.7

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
03/11/2020	17:00:00	63.4	70.1	61.3	58.6	56.7	60.2	57	50.5	42.1	57.5	69.9
03/11/2020	17:05:00	62.3	68.9	61.6	59.7	56.3	58.9	55.8	49.3	40	57.6	69.5
03/11/2020	17:10:00	63.3	67.5	58.5	57.9	57.3	60.1	56.9	49.5	40.5	56.5	69.4
03/11/2020	17:15:00	62.3	67.4	60.9	56.8	56.3	59.2	55.9	48.8	39.6	56.3	68.8
03/11/2020	17:20:00	61.3	71.1	60.4	57.9	56.2	57.7	54.5	48.4	39.7	56.7	74
03/11/2020	17:25:00	62.9	73	66.2	62.8	57.8	58.2	55.9	50.4	42.4	57.4	75.1
03/11/2020	17:30:00	62.1	66.1	58.8	55.9	55.7	59.1	55.9	48.1	38.9	55.3	68.6
03/11/2020	17:35:00	64	70.9	63.8	61	58.9	60.6	57.1	49.7	40.5	58.9	77.9
03/11/2020	17:40:00	62.6	67.3	60.2	57.2	56.6	59.5	56.1	48.8	40	56.9	76.4
03/11/2020	17:45:00	61.9	68.5	61.9	59.7	56.2	58.6	55.1	47.7	39.9	57.6	69.2
03/11/2020	17:50:00	61.4	67.8	57.8	55.7	54.8	58.4	55.2	47.2	37.4	56.1	78.4
03/11/2020	17:55:00	63.4	69.2	61.8	61.3	57.6	60	56.7	49.5	41.3	58.3	79.6
03/11/2020	18:00:00	63.5	69.6	60.5	59.3	56.6	59.7	57.8	50.5	40.5	58.8	74
03/11/2020	18:05:00	63.4	67.4	59.7	57.9	56.3	59.5	58.2	50.1	37.8	59.8	70.4
03/11/2020	18:10:00	64.4	70.1	60.7	60.2	57.9	60.4	59	51.4	41.1	59.5	74.2
03/11/2020	18:15:00	62.9	67.9	61.4	58.1	56.1	59.5	57.1	49.3	39.7	58.6	68.9
03/11/2020	18:20:00	62.3	65.4	58.6	56.5	55.8	59.5	56	47.8	38.1	55.7	67.9
03/11/2020	18:25:00	62.7	73	61.5	59.4	57.1	59.3	56	48.5	39.4	56.7	70.4
03/11/2020	18:30:00	62.1	65.6	56.9	56	56.1	59.3	55.7	46.4	36.9	54.4	70.3
03/11/2020	18:35:00	63.2	68.8	60.7	58.5	57.5	60.1	56.6	48.3	39.1	56.7	81.9
03/11/2020	18:40:00	64.8	67	60.9	60.6	60	61.7	58	50.1	41.1	55.9	90.6
03/11/2020	18:45:00	64.3	70	62.7	63.1	59.2	61.1	56.7	49.8	41	56.3	90.1
03/11/2020	18:50:00	62.6	65.6	60.8	57	56.1	59.9	55.9	46.3	36.9	56.6	69.5
03/11/2020	18:55:00	63.3	70.5	61.8	60.7	57.4	59.9	56.6	49.9	40.4	58.9	70.3
03/11/2020	19:00:00	63.1	67	59	58.2	56.9	60.4	56.4	47	37.2	57.3	70.2
03/11/2020	19:05:00	62.2	70.3	60.3	58.5	56.6	59.1	55.6	47.7	39.3	57	68.5
03/11/2020	19:10:00	62.8	66.9	59.4	57.4	56.4	59.9	56.4	47.9	39.4	56.5	69.8
03/11/2020	19:15:00	62.3	67.4	61.3	59.2	57.2	59.2	55.4	47.2	42.2	57.4	67.7
03/11/2020	19:20:00	63.9	66.5	58.9	57.6	57.2	61.3	57.6	47.4	37.1	58.1	69.6
03/11/2020	19:25:00	64	70.7	63.7	60.6	57.2	60.9	57.5	49.3	39.6	59.2	72.6
03/11/2020	19:30:00	62.3	63.7	57.7	56.9	55.6	59.7	56	46.3	35.8	54.8	72.4
03/11/2020	19:35:00	62.3	68	60.4	58.9	55.9	59.5	55.7	46.3	36.2	55	70.9
03/11/2020	19:40:00	63	70.4	61.2	59.5	56.6	59.9	56.6	47.7	37.4	57.3	79.1
03/11/2020	19:45:00	63.3	68.2	60.8	57.6	56.5	60.4	57	47.6	37.4	57	71.9
03/11/2020	19:50:00	62.6	68.2	60.3	60.2	56.2	59.5	56.2	47.4	38.2	55.2	81
03/11/2020	19:55:00	63.2	63.7	61.9	57.3	56.3	60.6	56.8	46.4	35.8	56.2	72.7
03/11/2020	20:00:00	63.3	70.6	60.4	59	56.6	60.5	56.8	47.5	38.4	57.4	68.5
03/11/2020	20:05:00	64	67.9	61	60.5	59.2	60.8	57	48.7	39.5	52.1	87.1
03/11/2020	20:10:00	62.9	65.7	59.7	57.2	56.6	60.2	56.4	47.1	37.2	55	68.7
03/11/2020	20:15:00	62.9	66.1	60.4	60.8	60.7	58.8	55.3	46.3	36.6	53.4	89.8
03/11/2020	20:20:00	63	67.3	60.3	60.3	58	59.8	56.2	47.9	38.1	55.8	70.4
03/11/2020	20:25:00	62.6	70.3	58.8	57.1	56.3	59.9	56.2	46	37	57.3	69.6
03/11/2020	20:30:00	63.2	68.3	59.5	57	56.2	60.6	57	46.6	36.1	56.8	68.6

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
03/11/2020	20:35:00	62.3	69.8	59.8	57.3	56.1	59.4	55.8	47.2	37.4	55.6	70.5
03/11/2020	20:40:00	61.2	66.1	56.1	55.3	54.7	58.6	54.7	44.6	34.2	53.7	68.7
03/11/2020	20:45:00	62.6	71.2	59.4	59.2	56.3	59.7	55.9	46	35.7	53.4	73.9
03/11/2020	20:50:00	61.9	67.4	58.1	57.8	56	59	55.2	45.6	35.2	56	76.8
03/11/2020	20:55:00	62.8	67.7	59.4	58	56.3	60.1	56.3	46.2	35.8	57.2	70.3
03/11/2020	21:00:00	62.4	69.2	59.7	57.2	56	59.6	55.9	46.3	35.9	55.6	69
03/11/2020	21:05:00	63.3	66.8	61.3	59.3	57	60.5	56.8	46.7	37.8	57.9	73
03/11/2020	21:10:00	62.8	67.1	60.2	57.8	56.5	60.1	56.3	45.5	34.4	54.3	74.2
03/11/2020	21:15:00	62.9	70.5	60.3	59.1	56.8	59.8	56.4	46.8	39.6	56.8	70.5
03/11/2020	21:20:00	62.1	66.5	57.7	55.7	55.4	59.3	55.9	46	35.7	55.4	69.4
03/11/2020	21:25:00	61.8	66.7	57.1	55.9	54.8	59.1	55.6	45.1	34.3	55.3	67.5
03/11/2020	21:30:00	62.7	68.4	62.5	58.8	56.5	59.9	56.2	45.4	36.6	53.5	68.4
03/11/2020	21:35:00	62.8	66.9	59.8	59.6	56.7	60	56.2	46.1	36.3	52.9	70.5
03/11/2020	21:40:00	62.7	67.3	61	59.7	56.9	59.7	56.1	46	38	57.3	72.2
03/11/2020	21:45:00	63.1	67.5	59.7	57	56.2	60.5	56.8	45.9	34.9	55.2	73.2
03/11/2020	21:50:00	62.7	70.2	59	58.2	57.4	59.8	55.9	46.3	35.7	53.1	72.4
03/11/2020	21:55:00	62	66.3	58.4	57	55.6	59.3	55.6	44.5	33.1	56.5	67.3
03/11/2020	22:00:00	63.9	67.6	64.2	59.8	58.4	60.7	57.2	49	38.3	55.1	86.5
03/11/2020	22:05:00	62.7	63.1	57.1	56.1	55.8	60.2	56.5	44.8	34.8	57.1	75.5
03/11/2020	22:10:00	63.2	67.1	57.7	56.6	56.3	60.5	56.9	45.9	34.8	55.1	71
03/11/2020	22:15:00	64.5	69.9	62.9	60.4	60.4	61.3	57.4	47.6	36.4	56.8	85
03/11/2020	22:20:00	62.7	71.8	59.3	57.7	56.5	59.8	56.3	47	36.6	56.6	68.9
03/11/2020	22:25:00	62.8	67.1	61.3	57	56.1	60.1	56.2	45.2	33.9	56.2	69.8
03/11/2020	22:30:00	62.9	67.6	61.6	58.3	56.5	60.1	56.5	45.9	34.9	57	67.7
03/11/2020	22:35:00	62	68	57.8	58.6	55.5	59.1	55.5	45	34.4	52.8	70.5
03/11/2020	22:40:00	62.2	66.4	58.2	57.2	55.7	59.5	55.9	45.9	36.7	54.7	68.9
03/11/2020	22:45:00	61.4	68.4	57.5	55.1	54.7	58.8	55	45.2	34	54	68.7
03/11/2020	22:50:00	66.9	67.3	59.9	55.7	56	63	62.2	56.3	41.6	52.9	85.2
03/11/2020	22:55:00	62.8	68.7	61.5	60.2	57.7	59.7	55.8	46	36	57.3	73
04/11/2020	23:00:00	60	62.9	55.6	53.7	53.4	57.4	53.5	42.6	32.3	51.4	66.5
04/11/2020	23:05:00	58.9	60.6	58	53.4	51.8	56.3	52.6	41.7	30.5	46.1	68.4
04/11/2020	23:10:00	60.9	69.6	59.6	57.4	54.8	57.9	54.4	45.5	39.7	51.2	70.4
04/11/2020	23:15:00	61.5	65.6	56.9	55.2	54.9	58.7	55.2	45	36.1	50	69.7
04/11/2020	23:20:00	61.2	67.4	58.4	58.2	55.7	57.8	54.8	45.1	35.5	52.7	69.6
04/11/2020	23:25:00	60.3	65.1	56.6	55.4	54.3	57.5	53.7	44.1	34.5	53	69.6
04/11/2020	23:30:00	60.3	66	53.6	53.6	54.2	57.6	53.9	43.1	31.7	47.8	69.7
04/11/2020	23:35:00	61.1	66.7	55.2	54.4	54.5	58.4	54.8	44.5	32.7	55	68.7
04/11/2020	23:40:00	60.8	64.3	57.5	57.7	55.1	57.7	54.3	44.3	33.3	48.1	70
04/11/2020	23:45:00	59.2	67	56.3	53.6	52.7	56.3	52.8	43.5	33.2	46.7	69.5
04/11/2020	23:50:00	61.7	67.7	61.2	58.3	58.4	58.4	54.1	43.8	34.2	50.2	83
04/11/2020	23:55:00	61	67.6	59	56.1	55.1	58.1	54.3	43.6	32	48.7	77.2
04/11/2020	00:00:00	58.8	68.3	56.3	53.4	52.2	56.2	52.3	41.6	30.5	49.2	66
04/11/2020	00:05:00	59.4	68.2	55.9	54.3	52.6	56.7	52.8	42.4	33	47.8	68.3

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
04/11/2020	00:10:00	57.3	55.5	50.5	50.8	50.1	54.7	51.3	39.5	27.7	43.8	66.7
04/11/2020	00:15:00	59.7	64.8	54.8	54.2	53.2	57.1	53.1	41.9	30.4	48.3	66.8
04/11/2020	00:20:00	59.3	60.9	54.2	52.4	52	56.9	53	41.1	30.1	46.8	67.5
04/11/2020	00:25:00	59.1	60.2	53.6	53.3	52.5	56.7	52.4	40.9	29.3	48.6	68.1
04/11/2020	00:30:00	59.3	59.5	53.9	52.5	52.1	56.7	53	41.9	31.4	45.5	69.7
04/11/2020	00:35:00	57.3	57.9	49.9	50.4	50.2	54.9	51	38.5	25.7	43	68.4
04/11/2020	00:40:00	58.4	57.4	51.7	51.1	51.2	55.8	52.4	40.2	27.5	46.7	66.9
04/11/2020	00:45:00	59	63.2	54.1	51.9	51.9	56.7	52.4	40.8	29.7	46.6	68.6
04/11/2020	00:50:00	58.6	59.1	53.4	51.7	51.4	55.9	52.4	41.8	31.2	44.6	68.1
04/11/2020	00:55:00	59.8	59.4	54.7	52.7	52.6	57.4	53.6	41.3	28.9	47.8	66.8
04/11/2020	01:00:00	58.7	59.9	53.5	52.7	51.5	55.9	52.7	43.8	31	46.5	66.5
04/11/2020	01:05:00	58.6	60.3	52.4	52.3	51.5	56	52.3	40.8	34.8	44.6	69.5
04/11/2020	01:10:00	56.9	56.2	50.8	50.3	49.6	54.2	50.9	39	26.5	46.4	66
04/11/2020	01:15:00	56.6	58.9	51.9	50.5	50.2	53.5	50.6	41.7	32.6	42.6	66.2
04/11/2020	01:20:00	58.3	58.1	51.6	51.8	51.2	55.7	52.2	40.9	28.8	43	66.8
04/11/2020	01:25:00	58.5	59.9	51	51.5	51.1	56.1	52.2	40.5	28	46.7	68.6
04/11/2020	01:30:00	55.4	58.2	52.5	50.4	49.3	52.5	49	38.9	32	40.7	67
04/11/2020	01:35:00	55.4	56.6	49.6	49.2	48.6	52.7	49.3	37.6	25.9	42.7	63.9
04/11/2020	01:40:00	59.1	57.5	51	51.8	52.3	56.5	53	41.4	29.5	48.2	67
04/11/2020	01:45:00	58.1	63.6	54.7	53	51.8	55.3	51.6	41.4	31.2	46.5	67.9
04/11/2020	01:50:00	56	55.3	50	49	48.8	53.7	49.3	37.3	24.5	40.7	66.2
04/11/2020	01:55:00	57.6	61.6	55.8	51.8	50.7	54.8	51.1	41.7	31.4	41.5	71.4
04/11/2020	02:00:00	56	58.9	50.1	49.7	48.7	53.6	49.4	37.1	25	40.7	66.6
04/11/2020	02:05:00	57.8	58.3	50.4	50.4	50.5	55.3	51.5	39.3	26.1	41.4	69.1
04/11/2020	02:10:00	56.1	56.1	55.9	49.5	49.5	53.6	49.7	37.9	26.1	40.9	69.3
04/11/2020	02:15:00	55.1	57	50.2	48.3	47.9	52.6	48.7	37.1	25	41.8	66.6
04/11/2020	02:20:00	55.9	56.5	49.9	49.3	49.6	53.2	49.6	38.8	28	41.3	65.7
04/11/2020	02:25:00	56	54.4	47.9	48.4	49	53.5	49.7	37.7	26.3	41.6	66.4
04/11/2020	02:30:00	56.8	59.8	56.6	51.5	51.1	54.4	49.5	39.2	28.5	42.3	68
04/11/2020	02:35:00	58.1	56.1	49.2	49.5	50.4	55.8	51.7	39.3	26.6	41.1	71.6
04/11/2020	02:40:00	54.7	54.4	48	47.4	47.5	52	48.8	37.3	25.9	40.6	64.4
04/11/2020	02:45:00	54.4	56.6	48.2	47.6	48	51.5	47.8	41.8	33.9	42.9	64.9
04/11/2020	02:50:00	55.9	52.4	48.2	48.9	48.9	53.2	49.8	39.2	29.6	42.7	66
04/11/2020	02:55:00	56.2	57.1	50.2	49.7	48.8	53.7	49.8	38	25.5	43.1	65.9
04/11/2020	03:00:00	52.6	58.2	51.5	48.8	46.5	49.7	45.6	37.3	27.5	40.6	66.6
04/11/2020	03:05:00	55.9	55.6	49.1	49.4	49.1	53.4	49.4	39.2	28.1	42.7	64.2
04/11/2020	03:10:00	54.9	58.8	50.5	49.4	48.4	52.2	48.6	36.9	25.9	43.1	64.4
04/11/2020	03:15:00	57.8	61	55	53	53.1	55	50.7	40.5	29.8	44.6	69.3
04/11/2020	03:20:00	56.6	56.3	48.8	49.6	51.8	53.9	50.1	37.7	24.5	46	68.4
04/11/2020	03:25:00	56.2	56.4	49.3	49.4	51.9	53.4	49.2	37.6	24	46.8	66.8
04/11/2020	03:30:00	54.1	58.8	51.8	49.6	48.9	50.9	47.6	38.8	29.1	44.6	64.2
04/11/2020	03:35:00	53.8	56.1	50.2	48.3	46.9	51.1	47.3	36.9	26.1	40.6	63.4
04/11/2020	03:40:00	51.7	53.5	47.2	45.8	45.3	49.2	45.1	33.3	26.5	41	62.7

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
04/11/2020	03:45:00	53.1	57.8	49.6	48.1	46.6	50.4	46.5	36.3	30.1	41.9	66.6
04/11/2020	03:50:00	53	55.4	48.2	48.2	46.7	50.1	45.7	41.6	37.1	42.8	66.9
04/11/2020	03:55:00	54.2	57.4	51.3	49.2	48	50.4	47.2	44.3	39.7	42	64.1
04/11/2020	04:00:00	54.3	52.2	45.5	46.6	46.3	51	48	44.4	37.4	40.5	68.4
04/11/2020	04:05:00	56.3	56.4	50.1	49.2	49	53.5	50.5	41.2	30.2	41.2	69.4
04/11/2020	04:10:00	53.7	59.8	49	48	46.7	51.2	46.7	40.7	33.9	41.5	66.3
04/11/2020	04:15:00	56.8	57.6	50.3	50.1	49.7	54	50.8	39.9	29.1	41.7	66
04/11/2020	04:20:00	54.7	57.6	49.5	48.9	48	51.9	48.3	38.2	28.8	43.3	65.3
04/11/2020	04:25:00	55.4	55.6	50.1	48.7	47.9	52.5	49.4	41.1	33.5	42.5	66
04/11/2020	04:30:00	54.5	59.5	55.6	51.3	48.7	51.2	47.9	40.4	34.3	40.8	65.8
04/11/2020	04:35:00	55.4	55	48.9	48.5	47.9	52.7	48.8	43.3	37.4	42	68.5
04/11/2020	04:40:00	53.9	52.8	48.1	47.8	46.5	51.1	46.5	42.9	36.4	41.7	64.6
04/11/2020	04:45:00	52.9	55.9	47.9	47.3	47.5	49.1	44.8	45.1	38.4	41.7	66
04/11/2020	04:50:00	53.8	55.8	52	52.6	50.3	50.1	45.7	41.2	32.5	41.6	68.8
04/11/2020	04:55:00	56.1	60.6	53.1	50.7	49.3	52.9	49.3	45.8	39.3	45	66.3
04/11/2020	05:00:00	56.5	57.5	55	52	50.1	53.5	50	42.8	35	43.1	68.1
04/11/2020	05:05:00	51.7	53.9	46.9	47.3	45.4	48.7	45.2	36.9	28	41.6	66.1
04/11/2020	05:10:00	55	54.8	48.5	48.9	47	52.4	49	37.5	32.1	43	66.9
04/11/2020	05:15:00	54.6	56.8	52.3	49.7	48.6	52	47.5	40.1	31.1	43.5	64.6
04/11/2020	05:20:00	54.5	55.1	51.1	49	47.9	51.6	47.8	42	33.4	43.5	66.2
04/11/2020	05:25:00	52.1	52.6	47.7	47.1	45.7	48.3	45.2	43.4	35.3	43.7	65.9
04/11/2020	05:30:00	55.5	59.2	53.1	50.6	49.8	52.8	48.4	41.3	32.1	45.4	65.6
04/11/2020	05:35:00	57.1	57.4	54.4	51.2	51.2	54.8	49.5	42.8	36.1	45.3	69.7
04/11/2020	05:40:00	57.5	58.3	51.8	50.9	50.7	54.9	50.8	43.7	36.5	46.1	68.3
04/11/2020	05:45:00	58.3	65	53.2	51.9	52.5	55.6	51.4	43.4	35.1	49.3	69.2
04/11/2020	05:50:00	58.6	57.8	51.8	51.3	51.1	56	52.2	44.2	35.7	49.4	68.3
04/11/2020	05:55:00	58.4	64.8	57.3	54.3	53.1	55.3	51.6	43.4	34.7	48.1	69.4
04/11/2020	06:00:00	55.4	62	54.1	51.4	49.5	52.3	48.7	38	36.9	44.7	66.2
04/11/2020	06:05:00	58.8	63	54.7	53.3	52.8	56.1	51.8	44	38.5	48.2	69.9
04/11/2020	06:10:00	56.8	62.1	54.9	54.9	52.2	53.1	49.3	44.8	37.2	46.9	70.1
04/11/2020	06:15:00	55.4	56.2	51.4	52.5	49.1	52.8	48.4	39.2	28.5	46.2	66.2
04/11/2020	06:20:00	58.5	59.6	52.2	51.7	51.2	56	52.4	41.6	29.7	48.2	68.2
04/11/2020	06:25:00	60.2	62.9	57.6	54.8	53.4	56.7	54.1	48.9	40.5	50.4	69.5
04/11/2020	06:30:00	58.3	65.1	57.1	55.4	53.2	55.1	51	44.6	37.9	47.2	67.5
04/11/2020	06:35:00	59.3	62.1	56.7	54.4	52.8	56.6	52.6	44	38.3	51.7	69.9
04/11/2020	06:40:00	59.1	59.8	55	53.1	53.2	56.5	52.3	44.7	35.6	49.3	68.2
04/11/2020	06:45:00	60.9	66.9	59	58.2	55.8	57.7	54.2	44.5	35.5	51.9	69
04/11/2020	06:50:00	61	63.7	58.6	58.2	55.5	57.9	53.9	47.7	42.8	49.5	70.5
04/11/2020	06:55:00	61.8	63.2	57.9	55.6	55.1	59.3	55.3	44.4	34	50.4	74.2
04/11/2020	07:00:00	61.6	65.7	58	56.5	55.7	58.9	54.8	44.8	34.6	51.6	67.8
04/11/2020	07:05:00	62.4	68.9	56.5	55.7	55.8	59.7	56.3	45.6	37.2	53.1	69.8
04/11/2020	07:10:00	61.7	69.2	62.1	58.7	56	58.7	54.8	46.2	39.6	55.3	73.2
04/11/2020	07:15:00	62	61.6	55.2	55	55	59.6	55.7	44.9	36.6	55.7	71.5

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
04/11/2020	07:20:00	62.8	67.3	59.1	57.5	56.1	60.1	56.3	45.2	36	54.2	69.3
04/11/2020	07:25:00	62.6	66.9	58	56.6	55.9	59.9	56.3	46.3	41.8	54.7	71.2
04/11/2020	07:30:00	63.6	69.2	61.3	59	57.3	60.9	57	47.1	39.4	54.3	70.8
04/11/2020	07:35:00	65.1	66.6	58.8	58.1	58.3	62.7	58.8	46.9	34.1	60.8	70.2
04/11/2020	07:40:00	64.5	68.6	59.3	58.2	58.1	62	58	46.5	34.5	58.9	69.4
04/11/2020	07:45:00	65.3	69.5	62.3	60.3	59	62.6	58.7	47.3	35.8	59.1	70.1
04/11/2020	07:50:00	65	66	58	58	58.1	62.6	58.4	47	38.4	58.2	70.1
04/11/2020	07:55:00	65	71.3	62.9	61.9	59	62.1	58.2	47.9	38.3	60.4	69.9
04/11/2020	08:00:00	65.7	67.3	59.8	59.1	59.3	63.3	59.1	47.5	35.2	61.5	69.3
04/11/2020	08:05:00	65.3	69.4	62.6	60.6	59.5	62.6	58.5	47.3	36.2	61.1	70.1
04/11/2020	08:10:00	67.4	69.2	64.2	65.4	62.3	64	60.2	52.5	49.2	62.8	73.6
04/11/2020	08:15:00	66.7	69.6	63.6	64	61.9	63.4	59.6	51.7	47	62.7	70.6
04/11/2020	08:20:00	61	70.1	62.8	59.3	57	57.5	53.2	45.3	39.3	57.7	68.3
04/11/2020	08:25:00	61.1	67.4	60	57.7	56.2	58.2	53.6	45.3	38.1	56.7	67.2
04/11/2020	08:30:00	62.1	68.7	61.5	58.5	56.9	59.3	54.8	44.8	36.3	58.6	66.9
04/11/2020	08:35:00	59.5	67.9	60.5	55.7	54.5	56.7	52.1	42.8	39.3	56	66.9
04/11/2020	08:40:00	62.3	72.7	65.1	60.9	57.4	58.9	54.7	46.9	42.4	58.1	70.3
04/11/2020	08:45:00	64.1	71	63.2	61.3	58.3	61.1	57.2	49.3	42.6	59.6	73.1
04/11/2020	08:50:00	64	70.1	62.1	60.5	58.6	61.2	56.9	46.9	43.6	59.2	71.4
04/11/2020	08:55:00	62.5	71.2	60.7	57.8	56.5	59.7	55.6	46.6	36	57.8	69.3
04/11/2020	09:00:00	62.8	70.5	59.9	58.5	57.2	60	55.8	46	36.4	58.1	69.7
04/11/2020	09:05:00	64.1	70.9	61.6	60.1	57.8	61.2	57.6	48.9	41.2	58.6	70.3
04/11/2020	09:10:00	64.1	69	60.8	59.5	58.2	61.1	57.4	49.8	41.3	56.5	73.1
04/11/2020	09:15:00	64.9	71.3	61.7	60.9	58.3	61.5	58.7	52.4	44.3	60.6	70.1
04/11/2020	09:20:00	64.6	66.1	59.5	58.2	57.7	61.2	58.6	53.3	44.7	57.7	70.8
04/11/2020	09:25:00	65.2	73	63.4	61.6	58.3	60.9	59.3	54.8	45.7	60	72.4
04/11/2020	09:30:00	65.1	67.5	66.5	60.3	61.7	61.1	58.3	53	44	54.8	85
04/11/2020	09:35:00	63.5	69.7	60.4	58.2	56.8	59.8	57.5	52.4	43.6	55.6	69.9
04/11/2020	09:40:00	64	69.2	59.1	57.5	56.9	60.3	58.2	53.3	44.4	57.3	73.9
04/11/2020	09:45:00	65.2	69.8	64.4	66.1	60.1	60.4	58.4	53.4	44.5	56.3	77.7
04/11/2020	09:50:00	65	66.5	61.3	59.8	58.3	61.4	59.1	53.7	44.3	59.2	71.2
04/11/2020	09:55:00	64.3	69.3	61.2	59.1	57.9	60.9	58.2	52.6	43.2	56.6	71.6
04/11/2020	10:00:00	64.6	69.6	62.6	60.5	58.5	61.1	58.3	52.9	44.2	58.9	70.4
04/11/2020	10:05:00	63.9	71.5	61.7	59.9	57.4	60.3	57.6	52.2	42.8	58.3	70.3
04/11/2020	10:10:00	62.3	65.6	58.7	56.3	55.4	59.1	56.3	50	41.4	57	72.4
04/11/2020	10:15:00	62.8	69.4	59.5	58.4	56.4	59.3	56.5	50.7	41.5	54	70.4
04/11/2020	10:20:00	61.3	64.9	57.8	56	54.8	58.2	55	48.8	39.8	52.7	67.8
04/11/2020	10:25:00	64.2	68.8	62	61.8	60.3	60.6	57	50.7	41.9	53.1	81.4
04/11/2020	10:30:00	61.8	64.1	57.5	55.6	55.1	58.7	55.8	48.6	39.1	55.4	68.8
04/11/2020	10:35:00	62.7	71	61.5	60	57.2	58.8	56.4	50.9	43.5	55	73.6
04/11/2020	10:40:00	62.7	69.8	59.2	57.8	56.9	59.2	56.4	50	40.7	50.6	77.3
04/11/2020	10:45:00	73	72.3	65.7	73.9	70.7	67.1	63.9	58.1	47.7	58.5	98
04/11/2020	10:50:00	61.1	66.8	58.6	56.1	54.2	58	54.9	47.7	38.6	51	68.7

Date	Time	L _{Aeq} dBA	L _{eq} Octave Band Centre Frequency								L _{A90} dBA	L _{Amax} dBA
			63	125	250	500	1k	2k	4k	8k		
04/11/2020	10:55:00	62.7	68.5	59.6	58	56.1	59.6	56.3	49.4	40	56.5	71.7
04/11/2020	11:00:00	68.4	67.3	58.2	56.7	56	62.4	64	61.2	50.3	55.8	87.4
04/11/2020	11:05:00	62.1	68.9	62.6	59.7	56.8	58.3	55.5	49.6	41.4	54.1	70.6
04/11/2020	11:10:00	62.7	67	60.2	58.8	56.3	59.5	56.3	49.5	40.2	56.5	70.3
04/11/2020	11:15:00	62.3	67.8	58.3	58.3	56.4	59.2	55.8	48.3	39.1	53.7	69.8
04/11/2020	11:20:00	64.2	68.5	66.9	64.7	61.3	59.7	56.1	48.6	41.2	53.3	78.7
04/11/2020	11:25:00	61.7	71.5	60.6	58.8	56.5	57.9	55.1	49.5	40.7	52.6	69.4
04/11/2020	11:30:00	62.9	67.3	63.6	58.4	56.5	59.8	56.3	49.4	40.8	55.6	70.6
04/11/2020	11:35:00	61.9	70.8	58.6	57	56.1	58.8	55.5	47.9	38.5	55.1	69.3
04/11/2020	11:40:00	62.7	68	58.5	57.6	57.2	59.7	55.8	48.1	38.9	55.1	70.7
04/11/2020	11:45:00	61.8	67.5	60.3	58.7	56.1	58.5	55.2	47.8	38.8	55.9	69.4
04/11/2020	11:50:00	62.1	65.6	58.8	56.8	56.2	59.1	55.6	48.4	39.7	56.5	70.6
04/11/2020	11:55:00	61.5	68	61	56.9	55.7	58.2	54.9	47.5	38.3	55.6	66.2
04/11/2020	12:00:00	61.5	67.1	57.9	57.3	55.4	58.6	54.8	46.2	36.7	54.7	69.5
04/11/2020	12:05:00	62.8	69.6	61.2	59	57.4	59.9	55.9	47.9	38.9	56.5	69.3
04/11/2020	12:10:00	62	68.1	60.4	57.9	56	59	55.3	46.9	38.8	54.3	68.7
04/11/2020	12:15:00	64	69.6	61.1	58.1	57.8	60.3	57.4	53.7	45.4	60.1	70
04/11/2020	12:20:00	63.1	68.4	60.4	58.4	56.5	59.1	56.9	52.7	48	59.3	67.8
04/11/2020	12:25:00	63.6	69.5	60.9	59.2	57.1	60.3	56.8	52	47.1	60	69.3
04/11/2020	12:30:00	62.8	68.7	60.5	60.5	57.7	59.5	55.7	47.7	38.4	53.7	74.7
04/11/2020	12:35:00	62	70	62.3	60.3	56.7	58.6	55	47.6	38.6	57.1	71.1
04/11/2020	12:40:00	63	71.4	61.5	60.9	56.8	59.7	56.1	49.2	37.9	57.4	68.6
04/11/2020	12:45:00	62.6	70.7	60.8	60.2	57.7	59.3	55.6	48	38.2	58.2	72
04/11/2020	12:50:00	61.9	66.9	58.8	56.7	56	59.2	55.1	45.3	37.2	53.6	68
04/11/2020	12:55:00	62.9	67.5	61.3	59.4	57.2	60	55.9	47.5	39.5	56.8	74.5
04/11/2020	13:00:00	62.4	68.7	62.3	60.8	57.1	59.1	55.4	46.8	37.6	58	73.6
04/11/2020	13:05:00	62.3	67.9	59.2	58.6	56.2	59.5	55.6	45.8	35.5	57.4	76.7
04/11/2020	13:10:00	62.7	68.5	60.4	58.5	57.6	59.9	55.5	47.4	38.5	57.6	69.9
04/11/2020	13:15:00	62.8	68.2	59.5	58.2	57.3	60.1	55.9	45.9	35.9	56.7	72.5
04/11/2020	13:20:00	62.4	70.2	62.9	59.1	57.2	59.3	55.2	46.7	40.1	55.9	74.8
04/11/2020	13:25:00	61	69	60.1	57.8	56.1	58	53.8	46	38.7	52.1	70.5
04/11/2020	13:30:00	62.7	68.3	58.9	57	56.3	60.1	56.2	45.3	35.2	53.9	70.7
04/11/2020	13:35:00	62.6	70.6	62.4	60.5	57.5	59.5	55.4	46.3	36.9	57.6	69.3
04/11/2020	13:40:00	62.2	66.3	59.8	57.7	56.3	59.3	55.6	46.2	38.4	55.3	69.4
04/11/2020	13:45:00	61.7	69.2	59.4	58.4	56.2	58.8	54.8	45.9	40.2	56.1	68
04/11/2020	13:50:00	62.1	68.3	61.1	58.6	57.2	59.2	54.9	45.8	36.3	54.1	69
04/11/2020	13:55:00	64.2	68.7	60	57.3	56.2	61	58.9	46.1	36	55.7	78.9
04/11/2020	14:00:00	62.2	66.6	59.4	56.9	56.3	59.7	55.2	44.8	34.7	55.3	67.4
04/11/2020	14:05:00	62	68.9	59.5	57.6	56.4	59.3	55.1	44.7	33.8	56	68.2
04/11/2020	14:10:00	62.5	70.3	61.8	60.3	57.2	59.4	55.2	45.7	36.3	55.2	70.7
04/11/2020	14:15:00	65.4	71.3	67.3	66.4	63	60.9	56.3	48.1	40.6	58.5	81.5
04/11/2020	14:20:00	62.6	67.4	60.3	57.8	56.7	59.4	56.2	47.3	47.5	55.4	77.3
04/11/2020	14:25:00	55.5	60	59.2	58.1	52.8	50.1	46.7	35.4	25.1	53.7	58.3