CITY AIRPORT DEVELOPMENT PROGRAMME
(CADP1) S73 APPLICATION

ENVIRONMENTAL STATEMENT

VOLUME 2: APPENDICES

DECEMBER 2022

Pell Frischmann

City Airport Development Programme (CADP1) S73 Application

Volume 2: Appendices
Appendix 8.2 Baseline Noise

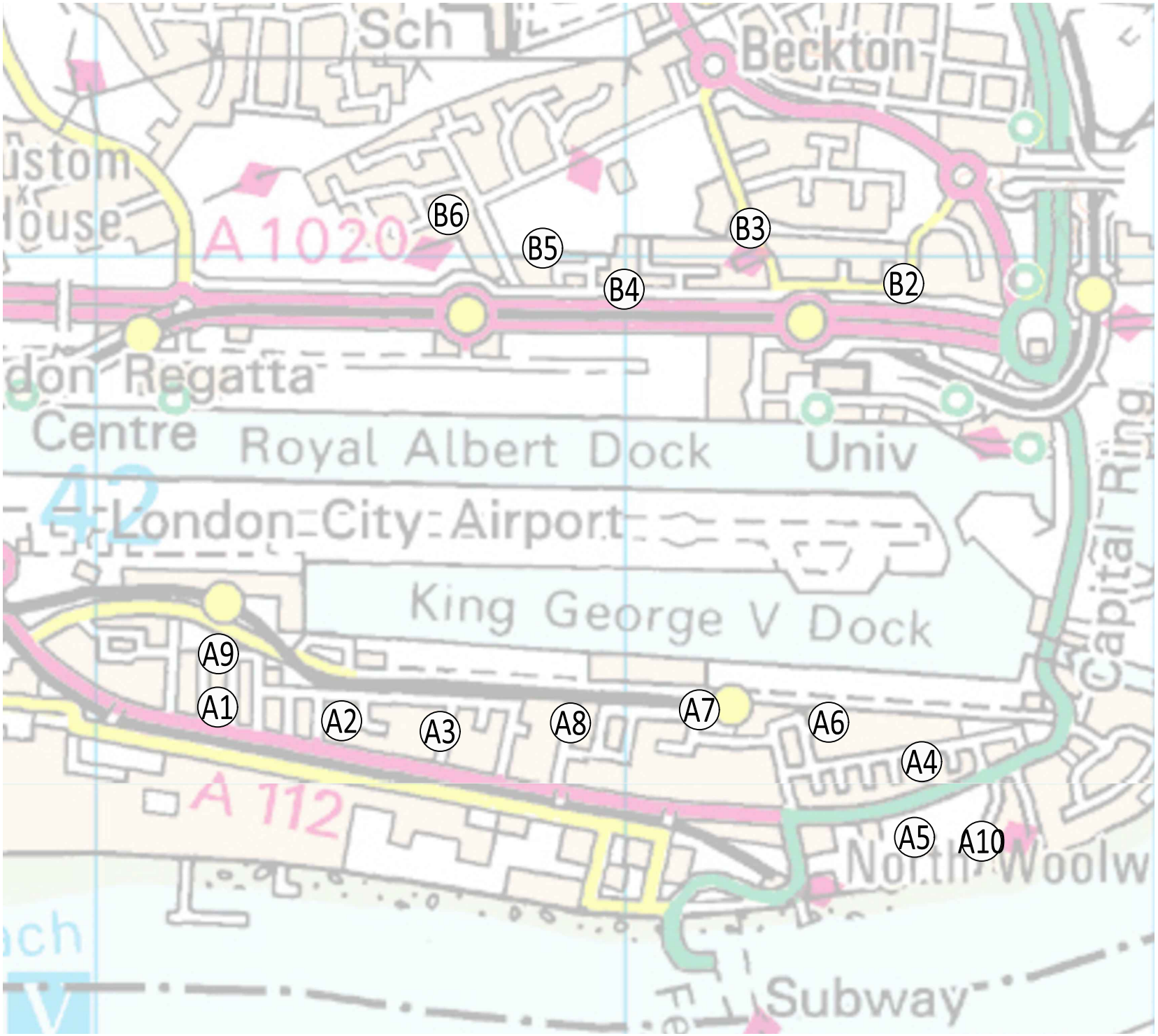
December 2022

Appendix 8.2 Baseline Noise

This appendix includes BAP report A11407_04_RP005, dated 25th November 2022, which details the baseline noise surveys undertaken a at London City Airport. The figure listed in Table 8.2.1 below are also provided in this appendix.

Table 8.2.1 Appendix 8.2 Figures

Reference	Description
Figure 8.2.1	Baseline Noise Survey Locations



LEGEND:

(X) Survey Location

REVISIONS

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London City Airport
Extended Operating Hours

Figure 8.2.1
Baseline Noise Survey Locations

DRAWN: MG CHECKED: DC

DATE: November 2022 SCALE: 1:10,000@A4

FIGURE No:

A11407_02_DR001_1.0

Bickerdike Allen Partners
Architecture Acoustics Technology

LONDON CITY AIRPORT

2019 & 2022 BASELINE NOISE SURVEYS

Report to

London City Airport
City Aviation House
Royal Docks
London E16 2PB

A11407_04_RP005_1.0 Saturday noise surveys
18 December 2022

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Bickerdike Allen Partners LLP is an integrated practice of Architects, Acousticians, and Construction Technologists, celebrating over 50 years of continuous practice.

Architects: Design and project management services which cover all stages of design, from feasibility and planning through to construction on site and completion.

Acoustic Consultants: Expertise in planning and noise, the control of noise and vibration and the sound insulation and acoustic treatment of buildings.

Construction Technology Consultants: Expertise in building cladding, technical appraisals and defect investigation and provision of construction expert witness services.

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1.0 INTRODUCTION

Bickerdike Allen Partners LLP (BAP) have been appointed by London City Airport (LCY) to undertake a noise survey at representative locations around the airport. The purpose of the survey was to measure the existing baseline noise environment around the airport excluding the noise from the airport and the aircraft that use it.

The locations that have been surveyed are based on those used in previous similar noise surveys, such as those related to the CADP1.

Section 2.0 of the report describes the measurement methodology. Section 3.0 includes a summary of the survey results from the latest and previous surveys. Section 4.0 includes a discussion of the results, and Section 5.0 forms a summary.

Appendix 1 of this report contains a glossary of acoustic terminology. Detailed noise survey results are included in Appendix 2.

2.0 NOISE SURVEY METHODOLOGY

Attended noise measurements were conducted at 15 locations around London City Airport in November and December 2019 and in March and April 2022. The measurement locations are shown on Figure 01.

Across the surveys the measurements were taken with three Norsonic Nor140 and one Brüel and Kjær Type 2270 sound level meters. The meters were checked for correct calibration before and after each period of measurements. No significant calibration drift was observed. The meters were mounted on tripods so they were at a height of 1.2 m above local ground level. Free-field measurement positions were used whenever possible. Where not possible façade measurements were taken, at a distance of 1 m from the reflecting structure, and a correction of 3 dB applied to allow for the reflections.

Sets of 5 minute duration measurements were made during the daytime (07:00-23:00) and night time (23:00-07:00) periods in 2019. During the days in which the surveys were undertaken, construction works were occurring at the airport. Every effort was made to avoid this impacting the results, by pausing or rescheduling surveys at certain locations as necessary when noise from the works was identifiable. It is possible that in some instances at more distant locations there was noise measurable from the works but this was not readily identifiable. During the 2022 survey measurements were made during the daytime (12:00-18:00) period.

Weather conditions were typically dry and calm. Further details are given in Appendix 2 along with the observations made regarding the sources of noise, and the cause of the highest levels during the measurements.

3.0 RESULTS

Table 1 shows the average measured level in terms of $L_{Aeq,T}$ (dB) at the measurement locations during the day and night time periods. Further details are contained in Appendix 2.

Measurement Location	$L_{Aeq,T}$ Day 2019	$L_{Aeq,T}$ Night 2019	$L_{Aeq,T}$ Day 2022
A1	61	60	59
A2	52	54	51
A3	54	49	48
A4	56	50	53
A5[1]	60	n/a	56
A6	53	47	50
A7	58	50	53
A8	55	50	49
A9	59	52	61
A10	57	52	56
B2	61	59	60
B3	63	59	62
B4	64	54	59
B5	53	49	50
B6	52	49	50

[1] Night time surveys were not possible at location A5, as it is in Royal Victoria Gardens which is closed at night.

Table 1: 2019 and 2022 measurement summary

4.0 DISCUSSION

At the majority of locations, the most significant source is road traffic. The exception is Location A2, and to a lesser extent other locations close to it, where the Tate & Lyle factory contributes significantly to the baseline noise environment.

5.0 SUMMARY

Noise surveys have been undertaken at representative locations around London City Airport in order to understand the typical levels of day and night time noise during the week and daytime during the weekend.

The measured noise levels have been reported.

Diogo Pereira	**Duncan Rogers**	**David Charles**
for Bickerdike Allen Partners LLP	**Acoustic Consultant**	**Partner**

APPENDIX 1
GLOSSARY OF ACOUSTIC TERMINOLOGY

The Decibel, dB

The unit used to describe the magnitude of sound is the decibel (dB) and the quantity measured is the sound pressure level. The decibel scale is logarithmic and it ascribes equal values to proportional changes in sound pressure, which is a characteristic of the ear. Use of a logarithmic scale has the added advantage that it compresses the very wide range of sound pressures to which the ear may typically be exposed to a more manageable range of numbers. The threshold of hearing occurs at approximately 0 dB (which corresponds to a reference sound pressure of 2 x 10^{-5} Pascals) and the threshold of pain is around 120 dB.

The sound energy radiated by a source can also be expressed in decibels. The sound power is a measure of the total sound energy radiated by a source per second, in watts. The sound power level, L_w is expressed in decibels, referenced to 10^{-12} Watts.

Frequency, Hz

Frequency is analogous to musical pitch. It depends upon the rate of vibration of the air molecules that transmit the sound and is measure as the number of cycles per second or Hertz (Hz). The human ear is sensitive to sound in the range 20 Hz to 20,000 Hz (20 kHz). For acoustic engineering purposes, the frequency range is normally divided up into discrete bands. The most commonly used bands are octave bands, in which the upper limiting frequency for any band is twice the lower limiting frequency, and one-third octave bands, in which each octave band is divided into three. The bands are described by their centre frequency value and the ranges which are typically used for building acoustics purposes are 63 Hz to 4 kHz (octave bands) and 100 Hz to 3150 Hz (one-third octave bands).

A-weighting

The sensitivity of the ear is frequency dependent. Sound level meters are fitted with a weighting network which approximates to this response and allows sound levels to be expressed as an overall single figure value, in dB(A).

Environmental Noise Descriptors

Where noise levels vary with time, it is necessary to express the results of a measurement over a period of time in statistical terms. Some commonly used descriptors follow.

Statistical Term	Description
$L_{Aeq, T}$	$L_{Aeq,T}$, or the equivalent continuous A-weighted sound pressure level, is the most widely used noise metric. It is an energy average and is defined as the level of a notional sound which would deliver the same A-weighted sound energy as the actual variable sound over a defined period of time, T.
L_{A90}	The $L_{A90,T}$ value is often used to describe background noise levels and is defined as the level exceeded for 90% of the measured time.
$L_{Amax,T}$	$L_{Amax,T}$ is the maximum A-weighted sound pressure level measured in a defined period, T. Normally associated with a time weighting, F (fast, $L_{AFmax,T}$) or S (slow, $L_{ASmax,T}$), which is related to the sampling speed of the measurement instrument. It is sometimes used independently of a time period, for example when describing the maximum value of a single aircraft flyover.

APPENDIX 2
DETAILED SURVEY RESULTS

LOCATION A1 – NORTH WOOLWICH

DAYTIME NOISE SURVEY: 2nd April 2022

POSITION LOCATION: Grassy patch between Albert Road and Wythes Road

DOMINANT NOISE SOURCE: Continuous noise from factory, frequent road traffic

GENERAL COMMENTS: Freefield

WEATHER CONDITIONS: Dry, clear, still

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5min}$ (dB)	Comments(1)
02/04/2022 13:30	68.7	56.9	59.5	Traffic along Albert Rd: cars (59-66 dB), buses (63-65 dB), continuous noise from factory (57-60 dB)
02/04/2022 13:35	65.3	56.7	58.9	Traffic along Albert Rd: cars (59-66 dB), buses (63-65 dB), continuous noise from factory (57-60 dB)
02/04/2022 13:40	64.7	56.9	58.6	Traffic along Albert Rd: cars (59-66 dB), buses (63-65 dB), continuous noise from factory (57-60 dB)
02/04/2022 16:25	69.8	57.3	59.7	Traffic along Albert Rd: cars (59-66 dB), buses (63-65 dB), continuous noise from factory (57-60 dB)
02/04/2022 16:30	68.0	57.5	60.3	Traffic along Albert Rd: cars (59-66 dB), buses (63-65 dB), continuous noise from factory (57-60 dB)
02/04/2022 16:35	70.2	57.9	59.8	Traffic along Albert Rd: cars (59-66 dB), buses (63-65 dB), continuous noise from factory (57-60 dB)

(1) **Stated dB levels are $L_{AFmax,1s}$ values obtained from data processing**

AVERAGE NOISE LEVEL: **59 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **57 dB L_{A90}**

DAYTIME NOISE SURVEY: 29th November 2019 & 3rd December 2019

POSITION LOCATION: Grassy patch between Albert Road and Wythes Road

DOMINANT NOISE SOURCE: Continuous noise from factory, frequent road traffic

GENERAL COMMENTS: Free field.

WEATHER CONDITIONS: Dry, clear, still

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5min}$ (dB)	Comments(1)
2019/11/29 12:39	71.9	58.9	61.2	Traffic along Albert Rd: cars (65-66 dB), buses (66-67 dB), HGVs (67 dB); Continuous noise from factory
2019/11/29 12:44	74.3	58.8	61.1	Traffic along Albert Rd: cars (65-66 dB), buses (66-67 dB), HGVs (67 dB); Continuous noise from factory
2019/11/29 12:49	80.3	58.6	62.3	Traffic along Albert Rd: cars (65-66 dB), buses (66-67 dB), HGVs (67 dB); Continuous noise from factory
2019/11/29 14:36	68.5	59.0	61.9	Traffic along Albert Rd: cars (65-66 dB), buses (66-67 dB), HGVs (67 dB); Continuous noise from factory
2019/11/29 14:41	72.3	58.9	61.4	Traffic along Albert Rd: cars (65-66 dB), buses (66-67 dB), HGVs (67 dB); Continuous noise from factory
2019/11/29 14:46	68.5	58.7	61.7	Traffic along Albert Rd: cars (65-66 dB), buses (66-67 dB), HGVs (67 dB); Continuous noise from factory
2019/12/03 16:23	69.5	58.6	61.2	Traffic along Albert Rd: cars (65-66 dB), buses (66-67 dB), HGVs (67 dB); Continuous noise from factory
2019/12/03 16:28	67.2	58.2	60.8	Traffic along Albert Rd: cars (65-66 dB), buses (66-67 dB), HGVs (67 dB); Continuous noise from factory
2019/12/03 16:33	65.3	58.4	60.2	Traffic along Albert Rd: cars (65-66 dB), buses (66-67 dB), HGVs (67 dB); Continuous noise from factory

(2) **Stated dB levels are $L_{AFmax,1s}$ values obtained from data processing**

AVERAGE NOISE LEVEL: **61 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **59 dB L_{A90}**

NIGHTTIME NOISE SURVEY: 11th December 2019

POSITION LOCATION: Grassy patch between Albert Road and Wythes Road

DOMINANT NOISE SOURCE: Continuous noise from Tate and Lyle factory , infrequent road traffic

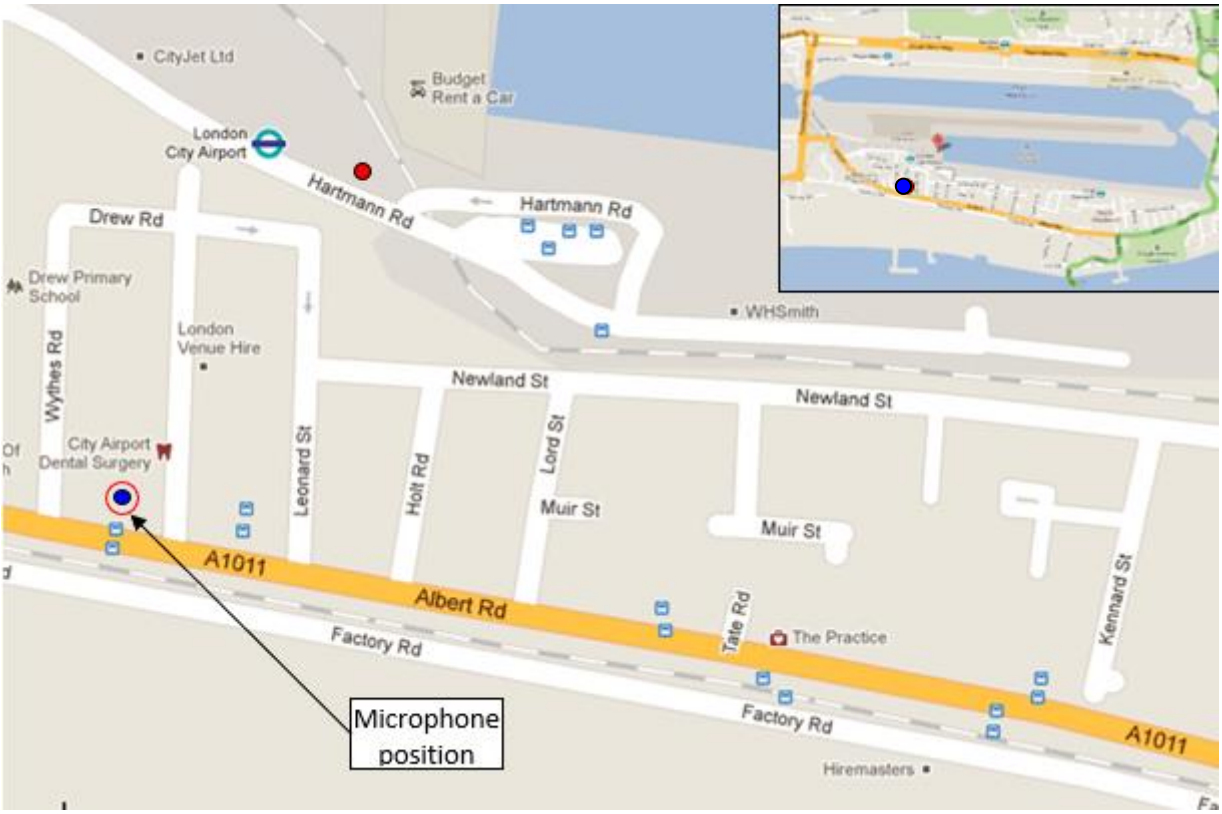
GENERAL COMMENTS: Free field.

WEATHER CONDITIONS: Dry, clear, still.

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5min}$ (dB)	Comments(1)
2019/12/11 00:00	74.6	58.9	62.4	Traffic along Albert Rd: cars (65-66 dB), buses (69-74dB),Continuous noise from factory (58-60 dB)
2019/12/11 00:05	69.8	58.3	60.8	Traffic along Albert Rd: cars (65-66 dB), buses (69-74dB),Continuous noise from factory (58-60 dB)
2019/12/11 00:10	72.9	58.5	60.9	Traffic along Albert Rd: cars (65-66 dB), buses (69-74dB),Continuous noise from factory (58-60 dB)
2019/12/11 01:42	64.2	58	59.3	Traffic along Albert Rd: cars (65-66 dB), buses (69-74dB),Continuous noise from factory (58-60 dB)
2019/12/11 01:47	64.9	58.1	59.4	Traffic along Albert Rd: cars (65-66 dB), Continuous noise from factory (58-60 dB)
2019/12/11 01:52	64.2	58.3	59.7	Traffic along Albert Rd: cars (65-66 dB), Continuous noise from factory (58-60 dB)
2019/12/12 02:30	66.5	58	59.2	Traffic along Albert Rd: cars (65-66 dB), Continuous noise from factory (58-60 dB)
2019/12/12 02:35	75.0	58.3	60.0	Traffic along Albert Rd: cars (65-66 dB), Continuous noise from factory (58-60 dB)
2019/12/12 02:40	68.7	58.4	59.4	Traffic along Albert Rd: cars (65-66 dB), Continuous noise from factory (58-60 dB)

(1) **Stated dB levels are $L_{AFmax,1s}$ values obtained from data processing**

AVERAGE NOISE LEVEL: **60 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **58 dB L_{A90}**



Map showing measurement Location A1.

LOCATION A2 – NORTH WOOLWICH

DAYTIME NOISE SURVEY:	2nd April 2022
POSITION LOCATION:	At the centre of green pedestrian area between Muir Street and Lord Street
DOMINANT NOISE SOURCE:	Continuous noise from Tate and Lyle factory, DLR
GENERAL COMMENTS:	Freefield
WEATHER CONDITIONS:	Dry, clear, still

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments(1)
02/04/2022 13:52	64.9	48.2	49.7	Continuous noise from factory (48-50 dB), intermittent DLR movements (52-55 dB)
02/04/2022 13:57	72.7	47.9	51.1	Continuous noise from factory (48-50 dB), intermittent DLR movements (52-55 dB)
02/04/2022 14:02	58.8	48.6	50.5	Continuous noise from factory (48-50 dB), intermittent DLR movements (52-55 dB)
02/04/2022 16:44	62.4	49.2	50.6	Continuous noise from factory (48-50 dB), intermittent DLR movements (52-55 dB)
02/04/2022 16:49	56.9	49.1	50.6	Continuous noise from factory (48-50 dB), intermittent DLR movements (52-55 dB)
02/04/2022 16:54	57.9	49.5	51.5	Continuous noise from factory (48-50 dB), intermittent DLR movements (52-55 dB)

(1) **Stated dB levels are $L_{AFmax,1s}$ values obtained from data processing**

AVERAGE NOISE LEVEL: **51 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **49 dB L_{A90}**

DAYTIME NOISE SURVEY: 29th November 2019 & 3rd December 2019

POSITION LOCATION: At the centre of green pedestrian area between Muir Street and Lord Street

DOMINANT NOISE SOURCE: Occasional lorries and buses on Albert Rd, birdsong

GENERAL COMMENTS: Free field.

WEATHER CONDITIONS: Dry, clear, still.

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments(1)
2019/11/29 12:58	64.2	48.6	50.9	Traffic on Albert Rd: lorries and buses (51-59 dB); Cars on Lord St (56 dB)
2019/11/29 13:03	63.5	49.6	51.1	Traffic on Albert Rd: lorries and buses (51-59 dB); Cars on Lord St (56 dB)
2019/11/29 13:09	66.3	49.9	51.7	Traffic on Albert Rd: lorries and buses (51-59 dB); Cars on Lord St (56 dB)
2019/11/29 14:58	64.1	51.5	53.0	Traffic on Albert Rd: lorries and buses (51-59 dB); Cars on Lord St (56 dB)
2019/11/29 15:03	63.2	49.1	51.2	Traffic on Albert Rd: lorries and buses (51-59 dB); Cars on Lord St (56 dB);
2019/11/29 15:08	61.7	48.6	51.5	Traffic on Albert Rd: lorries and buses (51-59 dB); Cars on Lord St (56 dB);
2019/12/03 16:05	64.7	51.2	52.7	Traffic on Albert Rd: lorries and buses (51-59 dB); Cars on Lord St (56 dB)
2019/12/03 16:10	57.8	50.8	52.4	Traffic on Albert Rd: lorries and buses (51-59 dB); Cars on Lord St (56 dB);
2019/12/03 16:15	68.3	50.7	52.4	Traffic on Albert Rd: lorries and buses (51-59 dB); Cars on Lord St (56 dB)

(1) **Stated dB levels are $L_{AFmax,1s}$ values obtained from data processing**

AVERAGE NOISE LEVEL: **52 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **50 dB L_{A90}**

NIGHTTIME NOISE SURVEY: 11th December 2019

POSITION LOCATION: At the centre of green pedestrian area between Muir Street and Lord Street

DOMINANT NOISE SOURCE: Continuous noise from Tate and Lyle factory, occasional road traffic on Albert Road.

GENERAL COMMENTS: Free field.

WEATHER CONDITIONS: Dry, clear, still.

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments(1)
2019/12/11 00:19	63.9	53.4	55.7	DLR (55-60 dB), Traffic along Albert Rd: cars (55-60 dB), Continuous noise from factory
2019/12/11 00:25	65.7	53.1	54.5	DLR (55-60 dB), Traffic along Albert Rd: cars (65-66 dB), Continuous noise from factory, Bus on Albert Road (62 dB)
2019/12/11 00:30	62.5	52.9	55	DLR (55-60 dB), Traffic along Albert Rd: cars (55-60 dB), Continuous noise from factory
2019/12/11 02:01	64.8	53.4	55.4	Traffic along Albert Rd: cars (55-60 dB), Continuous noise from factory
2019/12/11 02:06	64.6	52.8	54.9	Traffic along Albert Rd: cars (65-66 dB), Continuous noise from factory, Bus on Albert Road (62 dB)
2019/12/11 02:11	61.9	52.8	54.9	Traffic along Albert Rd: cars (55-60 dB), Continuous noise from factory
2019/12/12 02:48	60.7	50.7	51.8	Traffic along Albert Rd: cars (55-60 dB), Continuous noise from factory
2019/12/12 02:54	55.1	50.9	51.9	Traffic along Albert Rd: cars (55-60 dB), Continuous noise from factory
2019/12/12 02:59	60.6	51.0	52.0	Traffic along Albert Rd: cars (55-60 dB), Continuous noise from factory

(1) **Stated dB levels are $L_{AFmax,1s}$ levels observed on site or obtained from data processing**

AVERAGE NOISE LEVEL: **54 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **52 dB L_{A90}**

Map showing measurement Location A2.

LOCATION A3 – NORTH WOOLWICH

DAYTIME NOISE SURVEY:	2nd April 2022
POSITION LOCATION:	On Kennard Street, approximately 10 m away from Newland Street. At the edge of road
DOMINANT NOISE SOURCE:	Road traffic and DLR
GENERAL COMMENTS:	Freefield
WEATHER CONDITIONS:	Dry, clear, still.

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments(1)
02/04/2022 14:15	61.1	43.3	48.2	Passenger cars in Newland St (50-55 dB), intermittent DLR movements (55-61 dB)
02/04/2022 14:20	63.3	41.7	47.9	Passenger cars in Newland St (50-55 dB), intermittent DLR movements (55-61 dB)
02/04/2022 14:26	62.0	40.7	47.4	Passenger cars in Newland St (50-55 dB), intermittent DLR movements (55-61 dB)
02/04/2022 17:04	68.5	41.8	50.4	Passenger cars in Newland St (50-55 dB), intermittent DLR movements (55-61 dB)
02/04/2022 17:09	59.8	41.3	46.9	Passenger cars in Newland St (50-55 dB), intermittent DLR movements (55-61 dB)
02/04/2022 17:14	59.5	40.4	46.3	Passenger cars in Newland St (50-55 dB), intermittent DLR movements (55-61 dB)

(1) **Stated dB levels are $L_{AFmax,1s}$ levels observed on site or obtained from data processing**

AVERAGE NOISE LEVEL: **48 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **42 dB L_{AF90}**

DAYTIME NOISE SURVEY: 29th November 2019 & 3rd December 2019

POSITION LOCATION: On Kennard Street, approximately 10 m away from Newland Street. At the edge of road.

DOMINANT NOISE SOURCE: Infrequent road traffic, birdsong, pedestrians

GENERAL COMMENTS: Free field.

WEATHER CONDITIONS: Dry, clear, still.

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments(1)
2019/11/29 13:23	65.2	48.2	52.9	Traffic on: – Albert Rd: lorries and buses (50-63 dB) – passenger cars on Newland St (64 dB) and Kennard St (73 dB);
2019/11/29 13:28	60.0	46.2	50.2	Traffic on: – Albert Rd: lorries and buses (50-63 dB) – passenger cars on Newland St (64 dB);
2019/11/29 13:34	77.0	48.9	56.2	Traffic on: – Albert Rd: lorries and buses (50-63 dB) – passenger cars on Newland St (64 dB) and Kennard St (73 dB) Lorry on Kennard street (77 dB);
2019/11/29 15:29	61.8	49.4	52.9	Traffic on: – Albert Rd: lorries and buses (50-63 dB) – passenger cars on Newland St (64 dB); DLR (60 dB)
2019/11/29 15:34	66.5	46.2	52.4	Traffic on: – Albert Rd: lorries and buses (50-63 dB) – passenger cars on Newland St (64 dB); DLR (60 dB)
2019/12/03 15:44	68.2	51.4	56.3	Traffic on: – Albert Rd: lorries and buses (50-63 dB) – passenger cars on Newland St (64 dB); DLR (60 dB)
2019/12/03 15:49	85.1	50.1	59.0	Traffic on: – Albert Rd: lorries and buses (50-63 dB) – passenger cars on Newland St (64 dB); DLR (60 dB) car engine next to measurement (85 dB)
2019/12/03 15:54	73.0	50.8	54.4	Traffic on: – Albert Rd: lorries and buses (50-63 dB) – passenger cars on Newland St (64 dB); DLR (60 dB)

(2) **Stated dB levels are $L_{AFmax,1s}$ levels observed on site or obtained from data processing**

AVERAGE NOISE LEVEL: **54 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **49 dB L_{AF90}**

NIGHTTIME NOISE SURVEY: 11th December 2019

POSITION LOCATION: At the corner of Kennard Street and Newland Street.

DOMINANT NOISE SOURCE: None dominant

GENERAL COMMENTS: Free field, generally quiet, Tate and Lyle factory activity audible.

WEATHER CONDITIONS: Dry, clear, still.

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments(1)
2019/12/11 00:40	66.6	46.6	51.1	Traffic along Albert Rd: cars (48-53 dB), buses (53-55 dB),Continuous noise from factory (44-50 dB), Lorry over manhole (66 dB)
2019/12/11 00:45	52.6	45.5	47.1	Traffic along Albert Rd: cars (48-53 dB), buses (53-55 dB),Continuous noise from factory (44-50 dB)
2019/12/11 00:50	75.2	46.1	54.5	Traffic along Albert Rd: cars (48-53 dB), buses (53-55 dB),Continuous noise from factory (44-50 dB), Police siren (75 dB)
2019/12/11 02:21	57.4	45.9	48.4	Traffic along Albert Rd: cars (48-53 dB), buses (53-55 dB),Continuous noise from factory (44-50 dB)
2019/12/11 02:26	52.8	46.1	47.7	Traffic along Albert Rd: cars (48-53 dB), buses (53-55 dB),Continuous noise from factory (44-50 dB)
2019/12/11 02:31	57.2	46.4	48.8	Traffic along Albert Rd: cars (48-53 dB), buses (53-55 dB),Continuous noise from factory (44-50 dB)
2019/12/12 03:07	62.9	44.8	47.2	Traffic along Albert Rd: cars (48-53 dB), buses (53-55 dB),Continuous noise from factory (44-50 dB)
2019/12/12 03:12	69.6	45.0	47.9	Traffic along Albert Rd: cars (48-53 dB), buses (53-55 dB),Continuous noise from factory (44-50 dB), Lorry over manhole (69 dB)
2019/12/12 03:17	62.7	44.3	46.1	Traffic along Albert Rd: cars (48-53 dB), buses (53-55 dB),Continuous noise from factory (44-50 dB)

(1) **Stated dB levels are $L_{AFmax,1s}$ values obtained from data processing**

AVERAGE NOISE LEVEL: **49 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **46 dB L_{A90}**

Map showing measurement Location A3.

LOCATION A4 – NORTH WOOLWICH

DAYTIME NOISE SURVEY:	26th March 2022
POSITION LOCATION:	At the corner of Woodman St and Robert St. approx. 2 metres from edge of road.
DOMINANT NOISE SOURCE:	Road traffic noise, children playing
GENERAL COMMENTS:	Freefield
WEATHER CONDITIONS:	Dry, clear, still.

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments(1)
26/03/2022 13:29	64.4	44.1	47.8	Distant road traffic noise (Albert Rd) dominant
26/03/2022 13:34	63.7	44.5	49.7	Distant road traffic noise (Albert Rd) dominant
26/03/2022 13:39	64.6	45.1	50.5	Distant road traffic noise (Albert Rd) dominant
26/03/2022 15:12	75.8	45.4	54.1	Children playing dominant, HGV pass bys (63-65 dB)
26/03/2022 15:17	65.9	44.3	51.8	Children playing dominant, HGV pass bys (63-65 dB)
26/03/2022 15:22	87.5	44.1	64.1	Children playing dominant, HGV pass bys (63-65 dB)
26/03/2022 17:18	65.3	44.6	50.5	Local road traffic noise (Woodman St)
26/03/2022 17:23	64.8	45.3	52.3	Local road traffic noise (Woodman St)
26/03/2022 17:28	73.6	45.5	57.7	Local road traffic noise (Woodman St)

(1) **Stated dB levels are $L_{AFmax,1s}$ values obtained from data processing**

AVERAGE NOISE LEVEL: **53 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **45 dB L_{A90}**

DAYTIME NOISE SURVEY: 3rd December 2019

POSITION LOCATION: At the corner of Woodman St and Robert St. Approx. 2 metres from edge of road.

DOMINANT NOISE SOURCE: Infrequent road traffic, birdsong, pedestrians

GENERAL COMMENTS: Free field.

WEATHER CONDITIONS: Dry, clear, still.

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments(1)
2019/12/03 12:20	66.9	46.1	52.2	Cars (55-60 dB), van (66 dB)
2019/12/03 12:25	74.4	47.3	58.3	Cars (55-60 dB), lorry (75 dB)
2019/12/03 12:30	70.5	47.2	54.7	Cars (55-60 dB), lorry (70 dB)
2019/12/03 14:06	65.8	46.9	52.2	Cars (55-60 dB), motorbike (65 dB)
2019/12/03 14:11	71.3	48.0	57.8	Cars (55-60 dB)
2019/12/03 14:16	73.9	48.4	56.4	Cars (55-60 dB), motorbike (73 dB)
2019/12/03 15:47	79.1	46.6	60.2	Cars (55-60 dB), van (77 dB)
2019/12/03 15:52	67.1	49.0	55.8	Cars (55-65 dB)
2019/12/03 15:59	72.9	52.6	58.7	Cars (55-60 dB)

(2) **Stated dB levels are $L_{AFmax,1s}$ values obtained from data processing**

AVERAGE NOISE LEVEL: **56 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **48 dB L_{A90}**

NIGHT TIME NOISE SURVEY: 12th December 2019

POSITION LOCATION: At the corner of Woodman St and Robert St. Approx. 2 metres from edge of road.

DOMINANT NOISE SOURCE: Road traffic, plant screened from view.

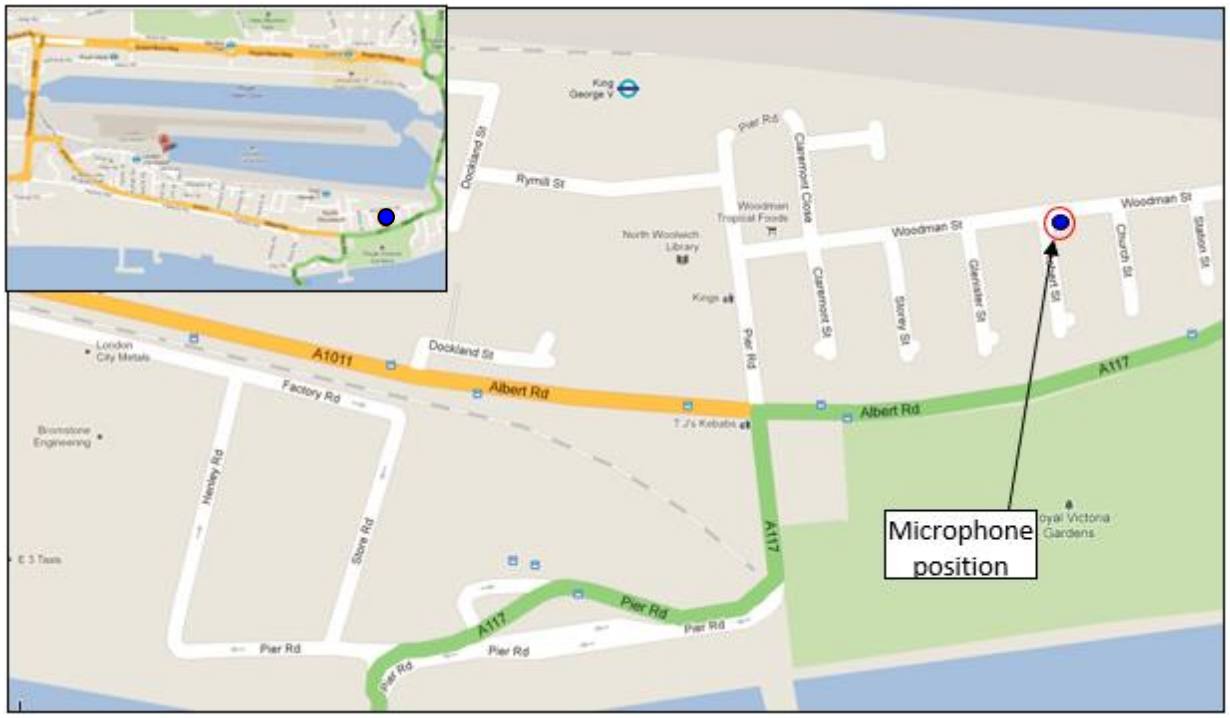
GENERAL COMMENTS: Free field.

WEATHER CONDITIONS: Dry, moderate winds with occasional gusts

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments[1]
2019/12/12 00:05	67.3	45.2	50.7	Cars passing (65-68 dB), Intermittent animal noise (50-55 dB)
2019/12/12 00:10	67.6	45.3	51.7	Cars passing (65-68 dB), Intermittent animal noise (50-55 dB)
2019/12/12 00:16	52.7	44.4	45.9	Distant alarm (53 dB), Factory noise just audible (47 dB)
2019/12/12 01:42	51.3	44.1	45.6	Factory noise just audible above background (47 dB)
2019/12/12 01:47	71.3	44.7	51.5	Car passing by (71 dB), Distant lorry (51 dB)
2019/12/12 01:52	74.4	44.6	52.4	Car passing by (74 dB), Bird noise (57 dB)

(1) Stated dB levels are $L_{AFmax,1s}$ values obtained from data processing

AVERAGE NOISE LEVEL: **50 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **45 dB L_{AF90}**



Map showing measurement Location A4.

LOCATION A5 – NORTH WOOLWICH

DAYTIME NOISE SURVEY: 26th March 2022
POSITION LOCATION: Middle of Royal Victoria Gardens
DOMINANT NOISE SOURCE: Children playing in park, Road traffic noise
GENERAL COMMENTS: Freefield
WEATHER CONDITIONS: Dry, clear, still

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5min}$ (dB)	Comments(1)
26/03/2022 13:47	78.0	49.7	60.1	Dominant noise source is children playing in the park, approximately 20 m away. Road traffic noise from Alfred Rd, cars and buses. Some local pedestrian pass bys.
26/03/2022 13:52	71.5	50.8	57.2	Dominant noise source is children playing in the park, approximately 20 m away. Road traffic noise from Alfred Rd, cars and buses. Some local pedestrian pass bys.
26/03/2022 13:57	72.0	51.9	57.5	Dominant noise source is children playing in the park, approximately 20 m away. Road traffic noise from Alfred Rd, cars and buses. Some local pedestrian pass bys.
26/03/2022 16:00	71.4	51.4	55.8	Dominant noise source is children playing in the park, approximately 20 m away. Road traffic noise from Alfred Rd, cars and buses. Some local pedestrian pass bys.
26/03/2022 16:05	70.9	50.1	56.5	Dominant noise source is children playing in the park, approximately 20 m away. Road traffic noise from Alfred Rd, cars and buses. Some local pedestrian pass bys.
26/03/2022 16:10	71.4	50.7	56.0	Dominant noise source is children playing in the park, approximately 20 m away. Road traffic noise from Alfred Rd, cars and buses. Some local pedestrian pass bys.
26/03/2022 17:36	73.5	49.2	55.9	Dominant noise source is children playing in park, approximately 20 m away.
26/03/2022 17:41	69.3	45.1	53.1	Dominant noise source is children playing in park, approximately 20 m away.
26/03/2022 17:46	70.1	45.5	52.3	Dominant noise source is children playing in park, approximately 20 m away.

(1) **Stated dB levels are $L_{AFmax,1s}$ values obtained from data processing**

AVERAGE NOISE LEVEL: **56 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **49 dB L_{A90}**

DAYTIME NOISE SURVEY: 29th November 2019 & 3rd December 2019

POSITION LOCATION: Middle of Royal Victoria Gardens

DOMINANT NOISE SOURCE: Continuous noise from factory, frequent road traffic

GENERAL COMMENTS: Free field.

WEATHER CONDITIONS: Dry, clear, still

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5min}$ (dB)	Comments(1)
2019/12/03 12:57	67.2	52.9	58.5	Traffic on albert road (60 dB), Lorries (67 dB)
2019/12/03 13:02	69.9	54.2	60.1	Traffic on albert road (60 dB), Lorries (67 dB)
2019/12/03 13:07	67.9	52.8	59.3	Traffic on albert road (60 dB), Lorries (67 dB)
2019/12/03 14:43	67.4	55.6	60.1	Traffic on albert road (60 dB), Lorries (67 dB)
2019/12/03 14:48	67.8	48.7	57.3	Traffic on albert road (60 dB), Lorries (67 dB)
2019/12/03 14:53	65.0	56.0	60.1	Traffic on albert road (60 dB), Lorries (67 dB)
2019/12/03 16:26	70.9	54.6	60.5	Traffic on albert road (60 dB), Lorries (67 dB), motorbike (74 dB)
2019/12/03 16:31	74.2	54.9	61.2	Traffic on albert road (60 dB), Lorries (67 dB), motorbike (74 dB)
2019/12/03 16:36	65.9	50.6	59.1	Traffic on albert road (60 dB), Lorries (67 dB)

(1) **Stated dB levels are $L_{AFmax,1s}$ values obtained from data processing**

AVERAGE NOISE LEVEL: **60 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **53 dB L_{A90}**

Map showing measurement Location A5.

LOCATION A6 – NORTH WOOLWICH

DAYTIME NOISE SURVEY: 26th March 2022

POSITION LOCATION: The end of Claremont Close

DOMINANT NOISE SOURCE: Rail and Road traffic noise

GENERAL COMMENTS: Freefield

WEATHER CONDITIONS: Dry, clear, still.

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments(1)
26/03/2022 12:55	59.7	41.5	45.9	Rail noise, distant traffic noise from Albert Rd and A1020, people talking and children playing.
26/03/2022 13:00	66.1	42.1	50.3	Rail noise, distant traffic noise from Albert Rd and A1020, people talking and children playing.
26/03/2022 13:05	66.5	43.6	50.3	Rail noise, distant traffic noise from Albert Rd and A1020, people talking and children playing.
26/03/2022 14:54	64.9	41.2	47.5	Rail noise (53-60 dB), distant traffic noise from Albert Rd and A1020, people talking and children playing.
26/03/2022 14:59	62.2	41.6	49.4	Rail noise (53-60 dB), distant traffic noise from Albert Rd and A1020, people talking and children playing.
26/03/2022 15:04	66.2	42.2	49.0	Rail noise (53-60 dB), distant traffic noise from Albert Rd and A1020, people talking and children playing.
26/03/2022 17:01	77.5	48.6	57.5	Rail noise, distant traffic noise from Albert Rd and A1020, people talking and children playing.
26/03/2022 17:06	69.0	43.6	54.3	Rail noise, distant traffic noise from Albert Rd and A1020, people talking and children playing.
26/03/2022 17:11	64.2	43.0	47.3	Rail noise, distant traffic noise from Albert Rd and A1020, people talking and children playing.

(1) **Stated dB levels are $L_{AFmax,1s}$ values obtained from data processing**

AVERAGE NOISE LEVEL: **50 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **43 dB L_{A90}**

DAYTIME NOISE SURVEY: 3rd December 2019

POSITION LOCATION: The end of Claremont Close.

DOMINANT NOISE SOURCE: Infrequent road traffic, birdsong, DLR

GENERAL COMMENTS: Free field.

WEATHER CONDITIONS: Dry, clear, still.

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments(1)
2019/12/03 11:56	61.1	45.1	50.8	DLR (55 dB)
2019/12/03 12:01	66.2	45.2	52.3	DLR (55 dB)
2019/12/03 12:06	70.6	44.7	51.9	DLR (55 dB)
2019/12/03 13:46	77.3	45.3	59.2	Van next to measurement (77 dB), DLR (55 dB)
2019/12/03 13:52	67.0	43.1	50.5	DLR (55 dB), van (67 dB)
2019/12/03 13:57	67.8	43.7	49.2	DLR (55 dB), van (67 dB)
2019/12/03 15:28	72.5	44.2	56.7	DLR (55 dB), van (62 dB)
2019/12/03 15:33	66.2	45.7	51.3	DLR (55 dB), car (60 dB), people shouting (66 dB)
2019/12/03 15:38	61.8	47.7	52.5	DLR (55 dB),people shouting (70 dB)

(2) **Stated dB levels are $L_{AFmax,1s}$ values obtained from data processing**

AVERAGE NOISE LEVEL: **53 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **45 dB L_{A90}**

NIGHT TIME NOISE SURVEY: 12th December 2019

POSITION LOCATION: The end of Claremont Close.

DOMINANT NOISE SOURCE: Road traffic and DLR

GENERAL COMMENTS: Free field.

WEATHER CONDITIONS: Dry, moderate winds with occasional gusts

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments(1)
2019/12/12 00:24	65.6	44.3	49.4	DLR (55-58 dB), Pedestrians (50 dB), Loud bang from DLR (66 dB)
2019/12/12 00:30	58.1	44.0	46.9	DLR (55-58 dB), Pedestrians (50 dB)
2019/12/12 00:35	61.7	44.1	47.1	DLR (55-61 dB), Pedestrians (50 dB)
2019/12/12 02:01	52.4	42.8	44.3	Tate Lyle factory audible in distance (46 dB), Distant crane rattling (49-52 dB)
2019/12/12 02:13	55.0	44.2	46.2	Tate Lyle factory audible in distance (46 dB), Fox making noise (55 dB)
2019/12/12 02:18	53.2	43.6	45.4	Tate Lyle factory audible in distance (46 dB), Fox making noise (53 dB)

(1) **Stated dB levels are $L_{AFmax,1s}$ values obtained from data processing**

AVERAGE NOISE LEVEL: **47 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **44 dB L_{A90}**

Map showing measurement Location A6.

LOCATION A7- NORTH WOOLWICH

DAYTIME NOISE SURVEY: 26th March 2022
POSITION LOCATION: Corner of Brixham Street and Dockland Street
DOMINANT NOISE SOURCE: Road traffic and rail noise, and pedestrians
GENERAL COMMENTS: Freefield
WEATHER CONDITIONS: Dry, clear, still.

Start Time (hh:mm)	L_{Afmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments(1)
26/03/2022 12:30	71.1	40.9	54.5	Dominant noise source is distant road traffic noise (Albert Rd), regular DLR movements (63-66 dB), pedestrians and distant industrial noise.
26/03/2022 12:41	75.5	40.2	57.3	Dominant noise source is distant road traffic noise (Albert Rd), regular DLR movements (63-66 dB), pedestrians and distant industrial noise.
26/03/2022 12:46	67.0	41.2	51.8	Dominant noise source is distant road traffic noise (Albert Rd), regular DLR movements (63-66 dB), pedestrians and distant industrial noise.
26/03/2022 14:35	74.7	40.3	51.3	Dominant noise source is distant road traffic noise (Albert Rd), regular DLR movements (63-66 dB), pedestrians and distant industrial noise.
26/03/2022 14:40	68.1	38.3	52.3	Dominant noise source is distant road traffic noise (Albert Rd), regular DLR movements (63-66 dB), pedestrians and distant industrial noise.
26/03/2022 14:45	65.1	38.5	51.3	Dominant noise source is distant road traffic noise (Albert Rd), regular DLR movements (63-66 dB), pedestrians and distant industrial noise.
26/03/2022 16:41	68.9	39.9	54.4	Dominant noise source is distant road traffic noise (Albert Rd), regular DLR movements (63-66 dB), pedestrians and distant industrial noise.
26/03/2022 16:46	67.3	42.0	52.2	Dominant noise source is distant road traffic noise (Albert Rd), regular DLR movements (63-66 dB), pedestrians and distant industrial noise.
26/03/2022 16:51	68.7	42.3	52.7	Dominant noise source is distant road traffic noise (Albert Rd), regular DLR movements (63-66 dB), pedestrians and distant industrial noise.

(1) **Stated dB levels are $L_{Afmax,1s}$ values obtained from data processing**

AVERAGE NOISE LEVEL: **53 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **40 dB L_{A90}**

LOCATION A7- NORTH WOOLWICH

DAYTIME NOISE SURVEY: 3rd December 2019

POSITION LOCATION: Corner of Brixham Street and Dockland Street

DOMINANT NOISE SOURCE: Infrequent road traffic, birdsong, trains

GENERAL COMMENTS: Free field.

WEATHER CONDITIONS: Dry, clear, still.

Start Time (hh:mm)	L_{Afmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments(1)
2019/12/03 11:33	68.6	49.8	58.7	DLR (65 dB)
2019/12/03 11:38	67.6	48.8	57.7	DLR (65 dB), distant helicopter (55-60 dB)
2019/12/03 11:43	66.8	50.4	56.9	DLR (65 dB), people talking (60 dB)
2019/12/03 13:19	71.0	48.6	56.7	DLR (65 dB), bang from DLR (71 dB)
2019/12/03 13:24	70.7	49.2	56.6	DLR (65 dB), van (71 dB)
2019/12/03 13:29	77.9	50.4	57.7	DLR (65 dB), person shouting (77 dB)
2019/12/03 15:07	75.3	50.1	56.4	DLR (65 dB), cars (65-70 dB)
2019/12/03 15:12	73.2	51.6	58.8	DLR (65 dB), cars (65-70 dB), school finish people talking and shouting (65-75 dB)
2019/12/03 15:17	94.5	56.1	65.5	DLR (65 dB) cars (65-70 dB), school finishes people talking and shouting (65-75 dB), car horn next to microphone (95 dB)

(2) **Stated dB levels are $L_{Afmax,1s}$ values obtained from data processing**

AVERAGE NOISE LEVEL: **58 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **51 dB L_{A90}**

NIGHTTIME NOISE SURVEY: 12th December 2019

POSITION LOCATION: Corner of Brixham Street and Dockland Street

DOMINANT NOISE SOURCE: Traffic on Albert Road, Birdsong

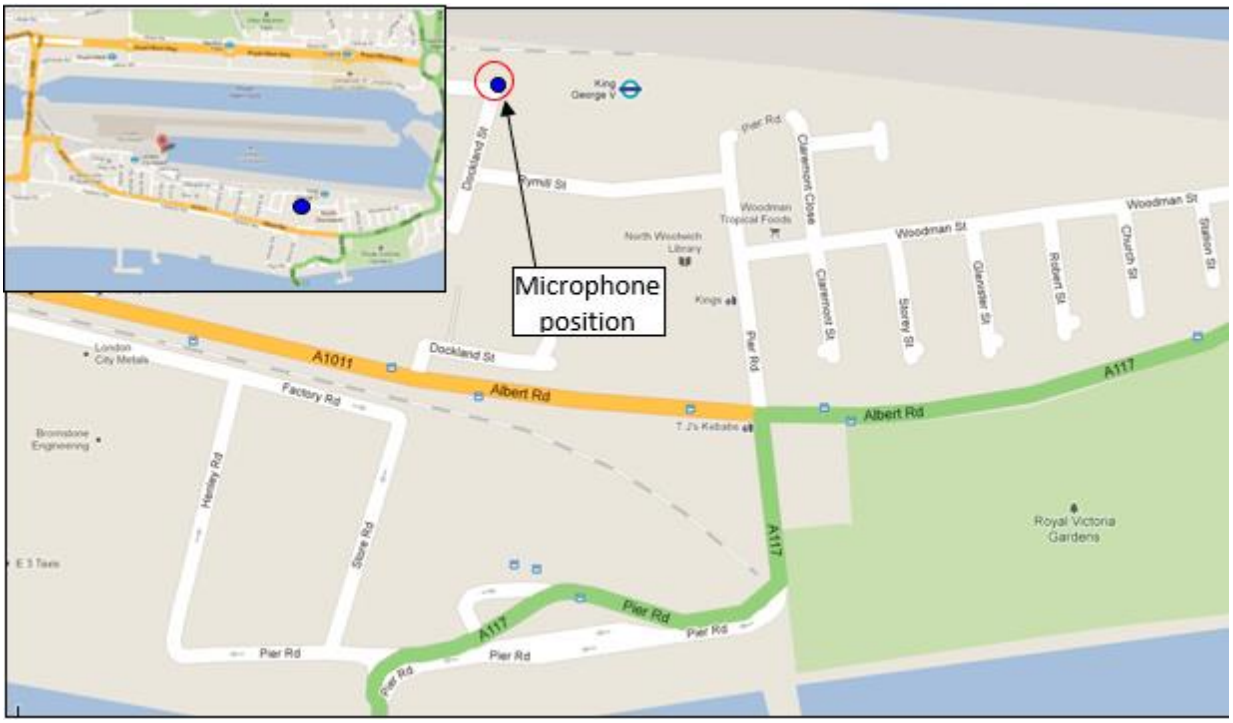
GENERAL COMMENTS: Free field.

WEATHER CONDITIONS: Dry, moderate winds with occasional gusts

Start Time (hh:mm)	L_{Afmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments(1)
2019/12/12 00:43	64.0	44.4	49.8	DLR (60-64 dB), cars (55-57 dB)
2019/12/12 00:48	66.4	44.7	51.9	DLR (60-64 dB), cars (55-57 dB)
2019/12/12 00:53	64.3	44.6	51.7	DLR (60-64 dB), cars (55-57 dB)
2019/12/12 02:26	54.5	44.3	47.4	Distant lorry (55 dB)
2019/12/12 02:31	60.9	44.9	50.3	Distant helicopter (60 dB)
2019/12/12 02:36	61.6	43.9	46.1	Distant lorry (60 dB)

(1) **Stated dB levels are $L_{Afmax,1s}$ values obtained from data processing**

AVERAGE NOISE LEVEL: **50 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **44 dB L_{AF90}**



Map showing measurement Location A7.

LOCATION A8 – NORTH WOOLWICH

DAYTIME NOISE SURVEY: 2nd April 2022

POSITION LOCATION: At the corner of Manwood Street and Fernhill Street

DOMINANT NOISE SOURCE: Rail and Road traffic noise

GENERAL COMMENTS: Freefield

WEATHER CONDITIONS: Dry, clear, still.

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments(1)
02/04/2022 14:41	72.3	42.9	52.8	Traffic: passenger cars on Fernhill Rd (57-70 dB), buses (48 dB) on Albert Rd; DLR movements (52-57 dB)
02/04/2022 14:46	62.1	43.0	47.5	Traffic: passenger cars on Fernhill Rd (57-70 dB), buses (48 dB) on Albert Rd; DLR movements (52-57 dB)
02/04/2022 14:56	62.9	40.7	47.6	Traffic: passenger cars on Fernhill Rd (57-70 dB), buses (48 dB) on Albert Rd; DLR movements (52-57 dB)
02/04/2022 17:23	57.5	40.7	47.5	Traffic: passenger cars on Fernhill Rd (57-70 dB), buses (48 dB) on Albert Rd; DLR movements (52-57 dB)
02/04/2022 17:28	70.2	40.3	51.7	Traffic: passenger cars on Fernhill Rd (57-70 dB), buses (48 dB) on Albert Rd; DLR movements (52-57 dB)
02/04/2022 17:33	63.1	39.7	46.7	Traffic: passenger cars on Fernhill Rd (57-70 dB), buses (48 dB) on Albert Rd; DLR movements (52-57 dB)

(1) **Stated dB levels are $L_{AFmax,1s}$ values obtained from data processing**

AVERAGE NOISE LEVEL: **49 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **41 dB L_{A90}**

DAYTIME NOISE SURVEY: 29th November 2019 & 3rd December 2019

POSITION LOCATION: At the corner of Manwood Street and Fernhill Street.

DOMINANT NOISE SOURCE: Infrequent road traffic, birdsong

GENERAL COMMENTS: Free field.

WEATHER CONDITIONS: Dry, clear, still.

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments(1)
2019/11/29 13:48	61.7	45.5	49.4	Traffic: - passenger cars on Fernhill Rd (58-61 dB), lorries and buses (54-65 dB) on Albert Rd; DLR movements (56 dB);
2019/11/29 13:53	68.7	49.0	53.4	Traffic: - passenger cars on Fernhill Rd (58-61 dB), lorries and buses (54-65 dB) on Albert Rd; DLR movements (56 dB)
2019/11/29 13:58	65.9	46.3	52.7	Traffic: - passenger cars on Fernhill Rd (58-65 dB), lorries and buses (54-65 dB) on Albert Rd; DLR movements (56 dB);
2019/11/29 15:45	61.3	49.2	52.4	Traffic: - passenger cars on Fernhill Rd (55-61 dB), lorries and buses (55-61 dB) on Albert Rd; DLR movements (56 dB);
2019/11/29 15:51	64.4	50.7	54.4	Traffic: - passenger cars on Fernhill Rd (55-61 dB), lorries and buses (55-61 dB) on Albert Rd; DLR movements (56 dB)
2019/11/29 15:56	64.8	51.0	53.3	Traffic: - passenger cars on Fernhill Rd (55-61 dB), lorries and buses (55-61 dB) on Albert Rd; DLR movements (56 dB)
2019/12/03 15:24	75.7	51.6	57.3	Traffic: - passenger cars on Fernhill Rd (55-61 dB), lorries and buses (55-61 dB) on Albert Rd; DLR movements (56 dB)
2019/12/03 15:29	84.1	51.4	63.5	Traffic: - passenger cars on Fernhill Rd (55-61 dB), lorries and buses (55-61 dB) on Albert Rd; DLR movements (56 dB); tester cough (84 dB)
2019/12/03 15:34	71.6	50.9	57.0	Traffic: - passenger cars on Fernhill Rd (55-61 dB), lorries and buses (64-68 dB) on Albert Rd; DLR movements (56 dB)

(2) **Stated dB levels are $L_{AFmax,1s}$ values obtained from data processing**

AVERAGE NOISE LEVEL: **55 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **50 dB L_{A90}**

NIGHTTIME NOISE SURVEY (1): 11th December 2019

POSITION LOCATION: At the corner of Manwood Street and Fernhill Street.

DOMINANT NOISE SOURCE: Infrequent road traffic

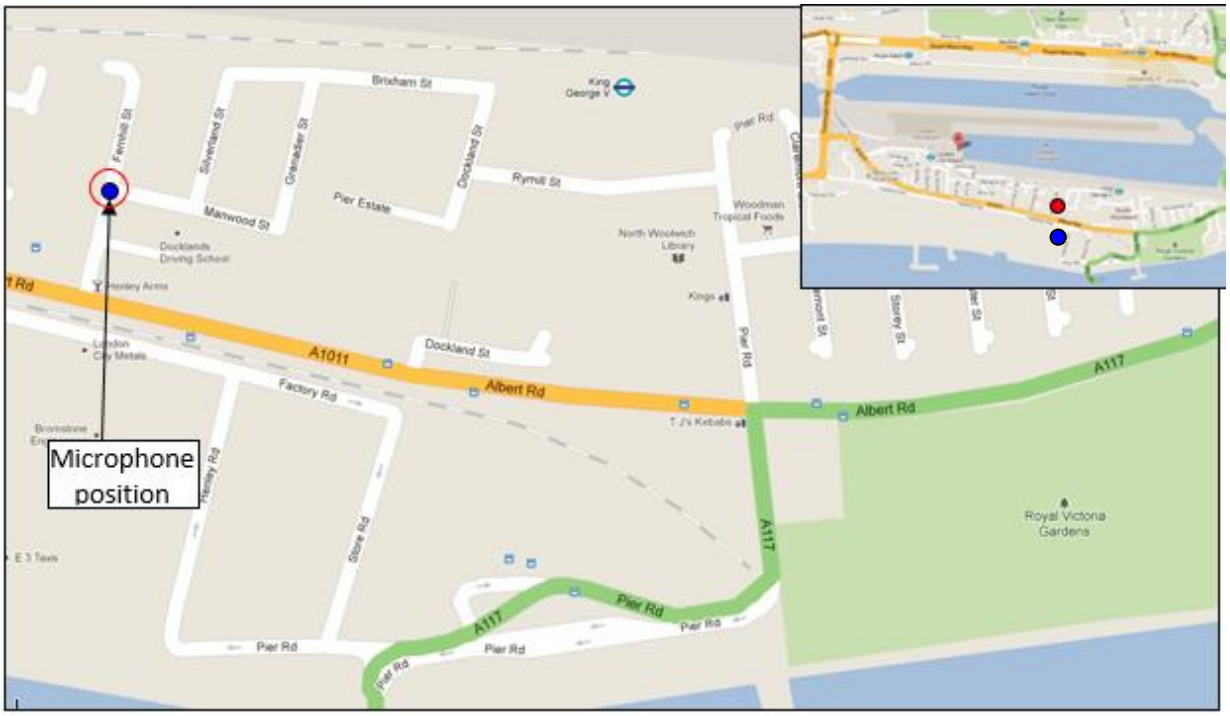
GENERAL COMMENTS: Free field, Tate and Lyle factory just audible

WEATHER CONDITIONS: Dry, clear, still.

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments(1)
2019/12/11 01:01	68.9	48.1	53.5	Traffic along Albert Rd: cars (55-60 dB), bus (59 dB),Continuous noise from factory (49-55 dB)
2019/12/11 01:06	59.9	50.9	53.2	Traffic along Albert Rd: cars (55-60 dB), bus (59 dB),lorry (59 dB)Continuous noise from factory (49-55 dB)
2019/12/11 01:11	61.2	49.8	53.2	Traffic along Albert Rd: cars (55-60 dB), bus (59 dB), lorry (58 dB),Continuous noise from factory (49-55 dB)
2019/12/11 02:39	57.1	50.6	52.7	Traffic along Albert Rd: cars (55-60 dB), bus (59 dB),Continuous noise from factory (49-55 dB)
2019/12/11 02:44	61.1	51.1	53.5	Traffic along Albert Rd: cars (55-60 dB), bus (59 dB), lorry (59 dB), Continuous noise from factory (49-55 dB)
2019/12/11 02:49	61.3	50.8	53.7	Traffic along Albert Rd: cars (55-60 dB), bus (59 dB), lorry (58 dB),Continuous noise from factory (49-55 dB)
2019/12/12 03:12	57.6	41.7	44.4	Traffic along Albert Rd: bus (59 dB), Continuous noise from factory (42-50 dB)
2019/12/12 03:17	49.5	41.3	43.5	Traffic along Albert Rd: cars (52-55 dB), Continuous noise from factory (42-50 dB)
2019/12/12 03:22	51.4	41.2	43.0	Traffic along Albert Rd: cars (52-55 dB), Continuous noise from factory (42-50 dB)

(1) **Stated dB levels are $L_{AFmax,1s}$ values obtained from data processing**

AVERAGE NOISE LEVEL: **50 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **47 dB L_{A90}**



Map showing measurement Location A8.

LOCATION A9 – NORTH WOOLWICH

DAYTIME NOISE SURVEY: 2nd April 2022

POSITION LOCATION: Drew Rd between Wythes Rd and Saville Rd

DOMINANT NOISE SOURCE: Rail and Road traffic noise

GENERAL COMMENTS: Façade

WEATHER CONDITIONS: Dry, clear, still.

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments(1)
02/04/2022 15:39	74.2	51.9	60.9	Traffic long Hartmann Rd: cars (63-70 dB), buses (58-65 dB), DLR movements (60-66 dB)
02/04/2022 15:44	76.8	53.9	62.1	Traffic long Hartmann Rd: cars (63-70 dB), buses (58-65 dB), DLR movements (60-66 dB)
02/04/2022 15:49	81.6	52.9	60.5	Traffic long Hartmann Rd: cars (63-70 dB), buses (58-65 dB), DLR movements (60-66 dB)
02/04/2022 15:39	74.2	51.9	60.9	Traffic long Hartmann Rd: cars (63-70 dB), buses (58-65 dB), DLR movements (60-66 dB)
02/04/2022 15:44	76.8	53.9	62.1	Traffic long Hartmann Rd: cars (63-70 dB), buses (58-65 dB), DLR movements (60-66 dB)
02/04/2022 15:49	81.6	52.9	60.5	Traffic long Hartmann Rd: cars (63-70 dB), buses (58-65 dB), DLR movements (60-66 dB)

(1) **Stated dB levels are $L_{AFmax,1s}$ values obtained from data processing**

AVERAGE NOISE LEVEL: **61 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **53 dB L_{A90}**

DAYTIME NOISE SURVEY: 29th November 2019 & 3rd December 2019

POSITION LOCATION: Drew Rd between Wythes Rd and Saville Rd

DOMINANT NOISE SOURCE: Road traffic on Hartmann Rd, pedestrians and occasionally children activity in playground

GENERAL COMMENTS: Free field.

WEATHER CONDITIONS: Dry, clear, still.

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments(1)
2019/11/29 14:09	75.6	60.1	65.1	Traffic along Hartmann Rd: cars (55-64 dB), buses (55-64 dB), DLR (60-63 dB); Lorry (69 dB)
2019/11/29 14:16	85.1	60.9	66.8	Traffic along Hartmann Rd: cars (55-64 dB), buses (55-64 dB), DLR (60-66 dB);
2019/11/29 14:24	83.2	61.2	66.0	Traffic along Hartmann Rd: cars (55-64 dB), buses (55-64 dB), DLR (60-65 dB);
2019/11/29 16:08	69.3	50.1	55.8	Traffic along Hartmann Rd: cars (55-64 dB), buses (55-64 dB), DLR (60-63 dB); motorcycle (65 dB)
2019/11/29 16:13	66.6	51.6	55.5	Traffic along Hartmann Rd: cars (55-64 dB), buses (55-64 dB), DLR (60-66 dB); loud car exhaust (85 dB)
2019/11/29 16:18	65.0	53.8	57.6	Traffic along Hartmann Rd: cars (55-64 dB), buses (55-64 dB), DLR (60-65 dB)
2019/12/03 16:42	65.8	50.3	56.9	Traffic along Hartmann Rd: cars (55-64 dB), buses (55-64 dB), DLR (60-65 dB);
2019/12/03 16:47	84.7	53.1	62.0	Traffic along Hartmann Rd: cars (55-64 dB), buses (55-64 dB), DLR (60-65 dB)
2019/12/03 16:52	70.5	51.5	55.8	Traffic along Hartmann Rd: cars (55-64 dB), buses (55-64 dB), DLR (60-68 dB);

(2) **Stated dB levels are $L_{AFmax,1s}$ values obtained from data processing**

AVERAGE NOISE LEVEL: **59 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **54 dB L_{A90}**

NIGHTTIME NOISE SURVEY:	10th December 2019 & 12th December 2019
POSITION LOCATION:	Drew Rd between Wythes Rd and Saville Rd
DOMINANT NOISE SOURCE:	Continuous noise from the Tate & Lyle factory plant, infrequent road traffic on Hartmann Rd
GENERAL COMMENTS:	Free field.
WEATHER CONDITIONS:	Dry, clear, still.

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments(1)
2019/12/10 23:43	63.0	50.1	53.5	Traffic on Hartmann Rd: cars (50-55 dB); Continuous noise from factory , DLR (53-54 dB)
2019/12/10 23:48	62.4	50	54.1	Traffic on Hartmann Rd: cars (50-55 dB); Continuous noise from factory , DLR (53-54 dB)
2019/12/10 23:53	63.7	49.8	53.0	Traffic on Hartmann Rd: cars (50-55 dB); Continuous noise from factory , DLR (53-54 dB)
2019/12/11 01:25	59.3	49.4	50.1	Traffic on Hartmann Rd: cars (50-55 dB); Continuous noise from factory , lorry on Hartmann road (59 dB)
2019/12/11 01:30	64.5	49.6	52.6	Traffic on Hartmann Rd: cars (50-55 dB); Continuous noise from factory , lorry on Hartmann road (65 dB)
2019/12/11 01:35	65.7	50.0	54.0	Traffic on Hartmann Rd: cars (50-55 dB); Continuous noise from factory , lorry on Hartmann road (65 dB)
2019/12/12 02:10	58.6	49.3	50.6	Traffic on Hartmann Rd: cars (50-55 dB); Continuous noise from factory , van on Hartmann road (58 dB)
2019/12/12 02:15	56.1	49.0	50.3	Traffic on Hartmann Rd: cars (50-55 dB); Continuous noise from factory , van on Hartmann road (56 dB)
2019/12/12 02:20	57.0	49.2	50.2	Traffic on Hartmann Rd: cars (50-55 dB); Continuous noise from factory , lorry on Hartmann road (57 dB)

(1) **Stated dB levels are $L_{AFmax,1s}$ values obtained from data processing**

AVERAGE NOISE LEVEL: **52 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **50 dB L_{A90}**

Map showing measurement Location A9.

LOCATION A10 – NORTH WOOLWICH

DAYTIME NOISE SURVEY: 26th March 2022
POSITION LOCATION: Royal Victoria Gardens, south east corner
DOMINANT NOISE SOURCE: Road traffic noise, children playing
GENERAL COMMENTS: Freefield
WEATHER CONDITIONS: Dry, clear, still.

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments(1)
26/03/2022 14:05	66.8	52.1	57.0	Dominant noise source is road traffic noise (approx. 50 dB, 30 mph, free-flow) with regular buses. Children playing in tennis courts by park.
26/03/2022 14:10	67.1	49.7	55.7	Dominant noise source is road traffic noise (approx. 50 dB, 30 mph, free-flow) with regular buses. Children playing in tennis courts by park.
26/03/2022 14:15	70.5	46.9	55.9	Dominant noise source is road traffic noise (approx. 50 dB, 30 mph, free-flow) with regular buses. Children playing in tennis courts by park.
26/03/2022 15:41	71.9	47.6	57.4	Dominant noise source is road traffic noise (approx. 50 dB, 30 mph, free-flow) with regular buses. Children playing in tennis courts by park.
26/03/2022 15:46	69.2	50.3	56.3	Dominant noise source is road traffic noise (approx. 50 dB, 30 mph, free-flow) with regular buses. Children playing in tennis courts by park.
26/03/2022 15:52	78.0	49.8	57.4	Dominant noise source is road traffic noise (approx. 50 dB, 30 mph, free-flow) with regular buses. Children playing in tennis courts by park.
26/03/2022 17:52	69.1	48.7	55.5	Dominant noise source is road traffic noise (approx. 50 dB, 30 mph, free-flow) with regular buses. Children playing in tennis courts by park.
26/03/2022 17:58	72.3	52.8	58.2	Dominant noise source is road traffic noise (approx. 50 dB, 30 mph, free-flow) with regular buses. Children playing in tennis courts by park.
26/03/2022 18:03	65.0	48.1	54.8	Dominant noise source is road traffic noise (approx. 50 dB, 30 mph, free-flow) with regular buses. Children playing in tennis courts by park.

(1) **Stated dB levels are $L_{AFmax,1s}$ values obtained from data processing**

AVERAGE NOISE LEVEL: **56 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **50 dB L_{A90}**

DAYTIME NOISE SURVEY: 3rd December 2019
POSITION LOCATION: Royal Victoria Gardens, south east corner.
DOMINANT NOISE SOURCE: Road traffic on Albert Road, pedestrians
GENERAL COMMENTS: Free field.
WEATHER CONDITIONS: Dry, clear, still.

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments(1)
2019/12/03 12:39	65.3	51.2	56.7	Traffic on Albert Rd (55 dB), Tractor (64 dB)
2019/12/03 12:44	65.4	53.2	57.5	Traffic on Albert Rd (55dB), Lorries (65 dB)
2019/12/03 12:49	66.1	51.9	55.5	Traffic on Albert Rd (55dB), Lorries (65 dB)
2019/12/03 14:25	67.2	54.3	58.1	Traffic on Albert Rd (55dB), Lorries (65 dB)
2019/12/03 14:31	64.4	53.9	57.3	Traffic on Albert Rd (55dB), Lorries (66 dB)
2019/12/03 14:36	63.3	53.8	56.2	Traffic on Albert Rd (55 dB), Motorbike (63 dB)
2019/12/03 16:09	68.4	53.1	58.4	Traffic on Albert Rd (55 dB), Lorries (65 dB)
2019/12/03 16:14	69.6	50.6	56.3	Traffic on Albert Rd (55 dB), Lorries (65 dB), alarm (69 dB)
2019/12/03 16:19	68.0	53.3	57.3	Traffic on Albert Rd (55 dB), Lorries (65 dB)

(2) **Stated dB levels are $L_{AFmax,1s}$ values obtained from data processing**

AVERAGE NOISE LEVEL: **57 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **53 dB L_{A90}**

NIGHTTIME NOISE SURVEY: 11th December 2019

POSITION LOCATION: Royal Victoria Gardens, south east corner.

DOMINANT NOISE SOURCE: Road traffic, passing boats

GENERAL COMMENTS: Free field.

WEATHER CONDITIONS: Dry, moderate winds with occasional gusts

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments(1)
2019/12/11 23:47	65.3	45.4	52.2	Traffic on Albert Rd: cars/lorries/busses (52-59 dB); Pedestrian with dog (65 dB)
2019/12/11 23:52	59.8	45.6	51.7	Traffic on Albert Rd: cars/lorries/busses (52-59 dB);
2019/12/11 23:57	63.9	46.5	53	Traffic on Albert Rd: cars/lorries/busses (52-59 dB); Lorry (63 dB)
2019/12/12 01:24	62.8	45.6	51.2	Traffic on Albert Rd: cars/lorries/busses (52-59 dB); Lorry (63 dB)
2019/12/12 01:29	62.9	45.7	51.7	Traffic on Albert Rd: cars/lorries/busses (52-59 dB); Lorry (63 dB)
2019/12/12 01:34	67.4	45.2	51.5	Traffic on Albert Rd: cars/lorries/busses (52-59 dB); Lorry (64 dB)

(1) **Stated dB levels are $L_{AFmax,1s}$ values obtained from data processing**

AVERAGE NOISE LEVEL: **52 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **46 dB L_{A90}**

Map showing measurement Location A10.

LOCATION B2 - BECKTON

DAYTIME NOISE SURVEY: 30th April 2022
POSITION LOCATION: At the corner of Cyprus Place and Ferndale Street
DOMINANT NOISE SOURCE: Road traffic noise, birds chirping
GENERAL COMMENTS: Freefield
WEATHER CONDITIONS: Dry, clear, still.

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments(1)
30/04/2022 14:50	83.1	47.4	64.4	Dominant sources distant road traffic noise from A1020, local traffic from Ferndale St (60-70 dB) and birds chirping
30/04/2022 14:55	70.5	48.3	56.6	Dominant sources distant road traffic noise from A1020, local traffic from Ferndale St (60-70 dB) and birds chirping
30/04/2022 15:00	73.5	45.6	58.8	Dominant sources distant road traffic noise from A1020, local traffic from Ferndale St (60-70 dB) and birds chirping
30/04/2022 16:51	76.3	47.5	59.5	Dominant sources distant road traffic noise from A1020, local traffic from Ferndale St (60-70 dB) and birds chirping
30/04/2022 16:56	78.3	47.6	59.6	Dominant sources distant road traffic noise from A1020, local traffic from Ferndale St (60-70 dB) and birds chirping
30/04/2022 17:01	72.7	47.8	59.6	Dominant sources distant road traffic noise from A1020, local traffic from Ferndale St (60-70 dB) and birds chirping

(1) **Stated dB levels are $L_{AFmax,1s}$ values obtained from data processing**

AVERAGE NOISE LEVEL: **60 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **47 dB L_{A90}**

DAYTIME NOISE SURVEY: 29th November 2019 & 3rd December 2019

POSITION LOCATION: At the corner of Cyprus Place and Ferndale Street

DOMINANT NOISE SOURCE: Traffic on Cyprus Place, traffic on Albert Way (often masked by noise from traffic on Cyprus Place).

GENERAL COMMENTS: Free field.

WEATHER CONDITIONS: Dry, clear, still.

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments(1)
2019/11/29 12:11	78.8	51.3	63.6	Road traffic (65-70 dB), Buses (75-80 dB)
2019/11/29 12:16	70.0	49.1	55.3	Road traffic (65-70 dB)
2019/11/29 12:21	83.0	48.9	63.7	Road traffic (65-70 dB), Buses (75-80 dB)
2019/11/29 14:07	75.8	47.5	59.6	Road traffic (65-70 dB), Buses (75-80 dB)
2019/11/29 14:12	80.3	49.4	61.9	Road traffic (65-70 dB), Buses (75-80 dB)
2019/11/29 14:17	76.8	50.3	60.7	Road traffic (65-70 dB), Buses (75-80 dB)
2019/11/29 14:46	80.7	55.0	64.2	Road traffic (65-70 dB), Buses (75-80 dB)
2019/11/29 14:51	81.1	54.3	62.2	Road traffic
2019/11/29 14:56	72.4	54.3	61.4	Road traffic
2019/12/03 11:39	78.8	56.7	64.5	Road traffic (65-70 dB), Buses (75-80 dB)
2019/12/03 11:44	74.2	52.7	59.6	Road traffic (65-70 dB), Buses (75-80 dB)
2019/12/03 11:49	76.6	51.8	61.0	Road traffic (65-70 dB)
2019/12/03 13:15	78.8	51.3	63.6	Road traffic (65-70 dB), Buses (75-80 dB)
2019/12/03 13:20	70.0	49.1	55.3	Road traffic (65-70 dB), Buses (75-80 dB)
2019/12/03 13:25	83.0	48.9	63.7	Road traffic (65-70 dB), Buses (75-80 dB)

(2) **Stated dB levels are $L_{AFmax,1s}$ values obtained from data processing**

AVERAGE NOISE LEVEL: **61 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **52 dB L_{A90}**

NIGHTTIME NOISE SURVEY: 10th December 2019

POSITION LOCATION: At the corner of Cyprus Place and Ferndale Street

DOMINANT NOISE SOURCE: Traffic on Cyprus Place, traffic on Albert Way (often masked by noise from traffic on Cyprus Place).

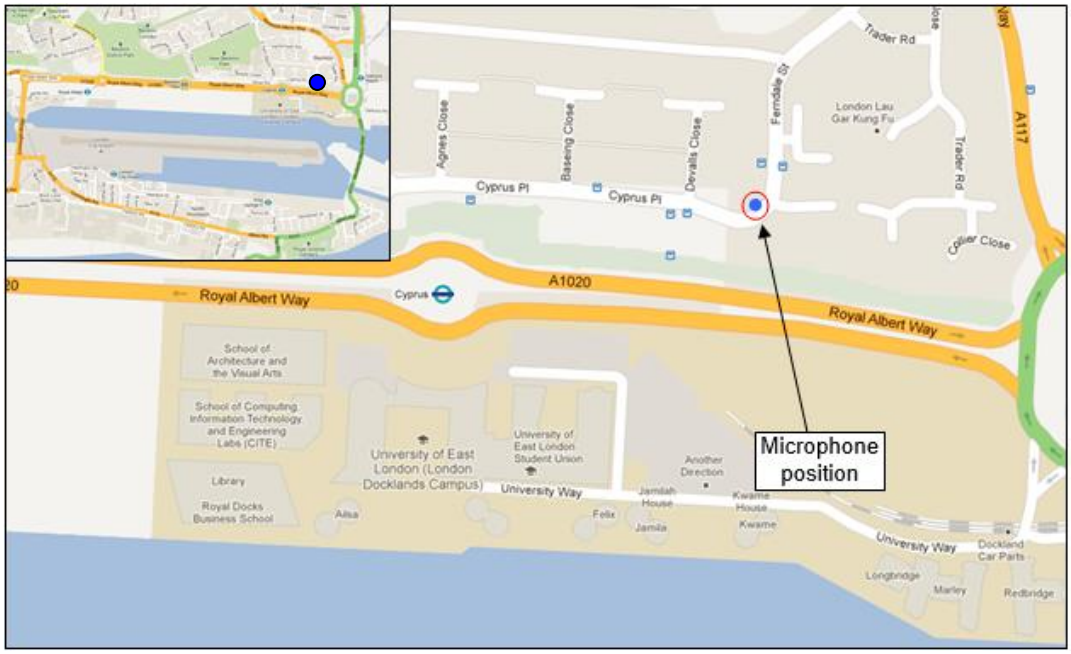
GENERAL COMMENTS: Free field.

WEATHER CONDITIONS: Dry, clear, still.

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments(1)
2019/12/10 23:45	83.6	48.7	64.0	Cars (60-68 dB), bus (83 dB)
2019/12/10 23:50	81.7	46.2	65.1	Cars (60-68 dB), bus (82 dB)
2019/12/10 23:55	79.0	47.3	62.9	Cars (60-68 dB), bus (79 dB)
2019/12/11 01:23	78.0	46.6	60.9	Cars (60-68 dB), bus (78 dB)
2019/12/11 01:29	59.5	46.7	51.4	Distant lorry (59 dB)
2019/12/11 01:34	58.5	45.1	50.1	Distant traffic (58 dB)

(1) **Stated dB levels are $L_{AFmax,1s}$ values obtained from data processing**

AVERAGE NOISE LEVEL: **59 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **47 dB L_{A90}**



Map showing measurement Location B2.

LOCATION B3 - BECKTON

DAYTIME NOISE SURVEY: 30th April 2022
POSITION LOCATION: The end of Agnes Close
DOMINANT NOISE SOURCE: People talking, distant road traffic, birds chirping
GENERAL COMMENTS: Freefield
WEATHER CONDITIONS: Dry, clear, still.

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments[1]
30/04/2022 14:30	81.6	48.4	64.8	Main sources are people talking, birds chirping and distant/local road traffic noise from A1020 and Agnes Cl (65-70 dB)
30/04/2022 14:35	74.5	46.0	61.6	Main sources are people talking, birds chirping and distant/local road traffic noise from A1020 and Agnes Cl (65-70 dB)
30/04/2022 14:40	76.0	44.6	59.3	Main sources are people talking, birds chirping and distant/local road traffic noise from A1020 and Agnes Cl (65-70 dB)
30/04/2022 16:28	75.3	46.2	61.5	Main sources are people talking, birds chirping and distant/local road traffic noise from A1020 and Agnes Cl (65-70 dB)
30/04/2022 16:33	77.9	46.3	61.6	Main sources are people talking, birds chirping and distant/local road traffic noise from A1020 and Agnes Cl (65-70 dB)
30/04/2022 16:38	83.5	45.5	64.4	Main sources are people talking, birds chirping and distant/local road traffic noise from A1020 and Agnes Cl (65-70 dB)

(1) **Stated dB levels are $L_{AFmax,1s}$ values obtained from data processing**

AVERAGE AMBIENT NOISE LEVEL: **62 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **46 dB L_{AF90}**

LOCATION B3 - BECKTON

DAYTIME NOISE SURVEY:	29th November 2019 & 3rd December 2019
POSITION LOCATION:	The end of Agnes Close.
DOMINANT NOISE SOURCE:	Frequent road traffic on Cyprus Place and distant traffic noise from Albert Way, pedestrians, DLR
GENERAL COMMENTS:	Free field.
WEATHER CONDITIONS:	Dry, clear, still.

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments(1)
2019/11/29 12:30	74.9	48.6	60.4	Road traffic (55-60 dB), Buses (70-78 dB)
2019/11/29 12:35	81.6	46.6	65.0	Road traffic (55-60 dB), Buses (70-78 dB)
2019/11/29 12:40	80.0	46.8	61.3	Road traffic (55-60 dB), Buses (70-78 dB)
2019/11/29 14:25	81.5	48.4	64.8	Road traffic (55-60 dB), Buses (70-78 dB)
2019/11/29 14:31	76.6	47.8	63.3	Road traffic (55-60 dB), Buses (70-78 dB)
2019/11/29 14:36	84.8	49.9	65.0	Road traffic (55-60 dB), Buses (70-78 dB)
2019/12/03 11:58	83.6	50.3	62.5	Road traffic (55-60 dB), Buses (70-78 dB)
2019/12/03 12:03	74.3	49.8	64.7	Road traffic (55-60 dB), Buses (70-78 dB)
2019/12/03 12:08	83.1	53.3	66.2	Road traffic (55-60 dB), Buses (70-78 dB)
2019/12/03 13:33	76.4	52.6	63.2	Road traffic (55-60 dB), Buses (70-78 dB)
2019/12/03 13:38	82.9	51.9	66.1	Road traffic (55-60 dB), Buses (70-78 dB)
2019/12/03 13:43	73.8	49.6	57.1	Road traffic (55-60 dB), Buses (70-78 dB)

(2) **Stated dB levels are $L_{AFmax,1s}$ values obtained from data processing**

AVERAGE AMBIENT NOISE LEVEL: **63 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **50 dB L_{AF90}**

NIGHTTIME NOISE SURVEY: 11th December 2019

POSITION LOCATION: The end of Agnes Close.

DOMINANT NOISE SOURCE: Infrequent traffic on Cyprus Place and Albert Way, pedestrians

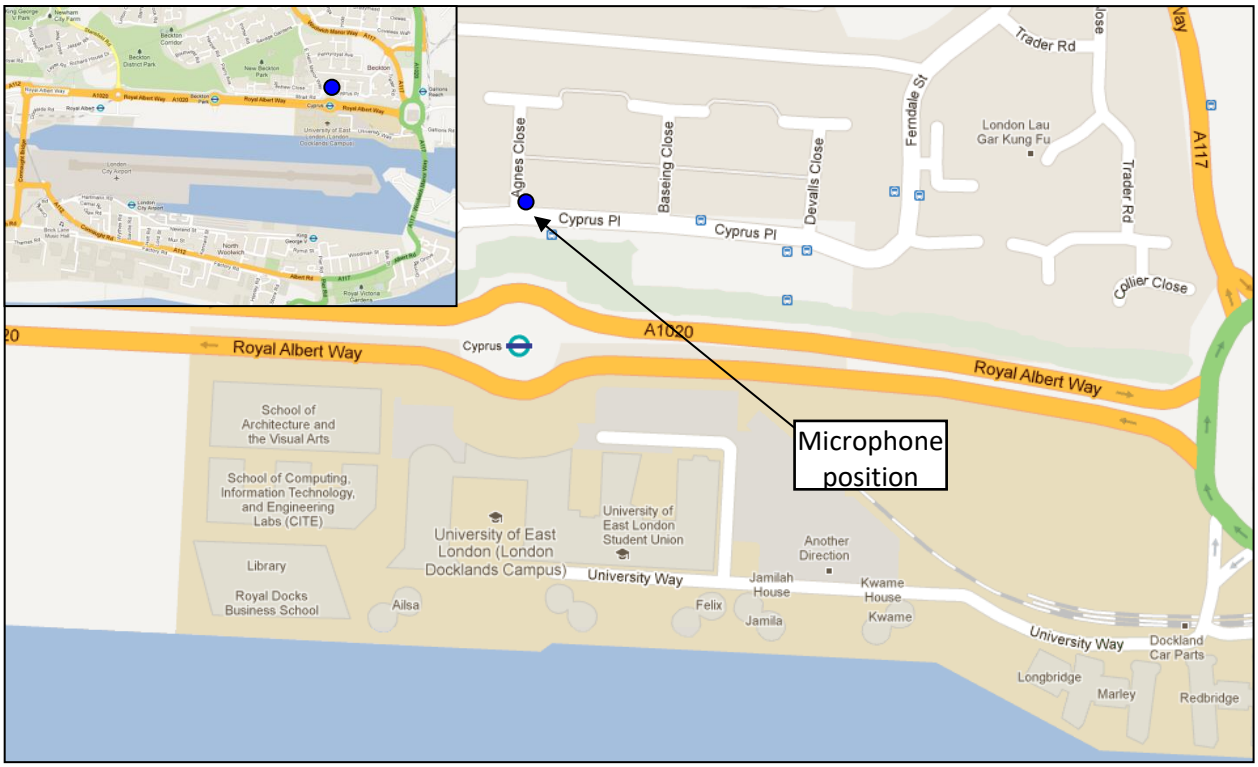
GENERAL COMMENTS: Free field.

WEATHER CONDITIONS: Dry, clear, light winds.

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments(1)
2019/12/11 00:03	78.2	43.5	61.6	Busses (74-78 dB)
2019/12/11 00:08	82.4	43.1	63	Busses (74-78 dB)
2019/12/11 00:13	82.9	42.4	63.6	Busses (74-78 dB), loud car exhaust (82 dB)
2019/12/11 01:42	83.6	40.5	62.3	Cars (70-75 dB), bus (83 dB)
2019/12/11 01:47	67.7	41	46.8	Car (67 dB)
2019/12/11 01:52	77.2	41.4	59.1	Distant road traffic (45 dB), nearby bus (77 dB)

(1) **Stated dB levels are $L_{AFmax,1s}$ values obtained from data processing**

AVERAGE NOISE LEVEL: **59 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **42 dB L_{AF90}**



Map showing measurement Location B3.

LOCATION B4 - BECKTON

DAYTIME NOISE SURVEY: 30th April 2022
POSITION LOCATION: On pavement of Strait Road on residential side
DOMINANT NOISE SOURCE: Rail and Road traffic noise, birds chirping
GENERAL COMMENTS: Freefield
WEATHER CONDITIONS: Dry, clear, still.

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments(1)
30/04/2022 14:00	80.3	48.4	60.9	Dominant sources distant road traffic noise from A1020 and local traffic from Straight Rd (60-75 dB), DLR movements (56-65 dB) and birds chirping
30/04/2022 14:05	83.5	49.0	62.6	Dominant sources distant road traffic noise from A1020 and local traffic from Straight Rd (60-75 dB), DLR movements (56-65 dB) and birds chirping
30/04/2022 14:10	64.0	49.6	55.8	Dominant sources distant road traffic noise from A1020 and local traffic from Straight Rd (60-75 dB), DLR movements (56-65 dB) and birds chirping
30/04/2022 16:05	75.6	49.5	58.8	Dominant sources distant road traffic noise from A1020 and local traffic from Straight Rd (60-75 dB), DLR movements (56-65 dB) and birds chirping
30/04/2022 16:15	76.9	48.4	60.5	Dominant sources distant road traffic noise from A1020 and local traffic from Straight Rd (60-75 dB), DLR movements (56-65 dB) and birds chirping
30/04/2022 16:20	65.9	47.6	54.8	Dominant sources distant road traffic noise from A1020 and local traffic from Straight Rd (60-75 dB), DLR movements (56-65 dB) and birds chirping

(1) **Stated dB levels are $L_{AFmax,1s}$ values obtained from data processing**

AVERAGE NOISE LEVEL: **59 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **49 dB L_{AF90}**

DAYTIME NOISE SURVEY: 29th November 2019 & 3rd December 2019
POSITION LOCATION: On pavement of Strait Road on residential side
DOMINANT NOISE SOURCE: Infrequent road traffic, occasional bus stopping
GENERAL COMMENTS: Free field.
WEATHER CONDITIONS: Dry, clear, still.

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments(1)
2019/11/29 13:51	82.0	53.4	62.0	Road traffic (50-55 dB), Car close to microphone (82 dB) DLR
2019/11/29 13:56	82.0	52.0	65.3	Road traffic (50-55 dB), Car close to microphone (82 dB) DLR
2019/11/29 15:27	83.1	57.6	66.5	Road traffic (50-55 dB), DLR (79-82 dB)
2019/11/29 15:32	81.2	57.8	65.4	Road traffic (50-55 dB), DLR (79-82 dB)
2019/11/29 15:38	81.6	59.5	65.0	Road traffic (50-55 dB), Car close to microphone (82 dB) DLR
2019/12/03 12:56	74.8	55.4	61.2	Road traffic (50-55 dB), DLR (79-82 dB)
2019/12/03 14:32	80.7	55.0	62.7	Road traffic (50-55 dB), DLR (79-82 dB)
2019/12/03 14:37	80.7	57.0	63.5	Road traffic (50-55 dB), DLR (79-82 dB)
2019/12/03 14:42	80.9	56.2	63.5	Road traffic (50-55 dB), DLR (79-82 dB)

(2) **Stated dB levels are $L_{AFmax,1s}$ values obtained from data processing**

AVERAGE NOISE LEVEL: **64 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **56 dB L_{AF90}**

NIGHTTIME NOISE SURVEY: 11th December 2019

POSITION LOCATION: On pavement of Strait Road on residential side

DOMINANT NOISE SOURCE: Infrequent road traffic

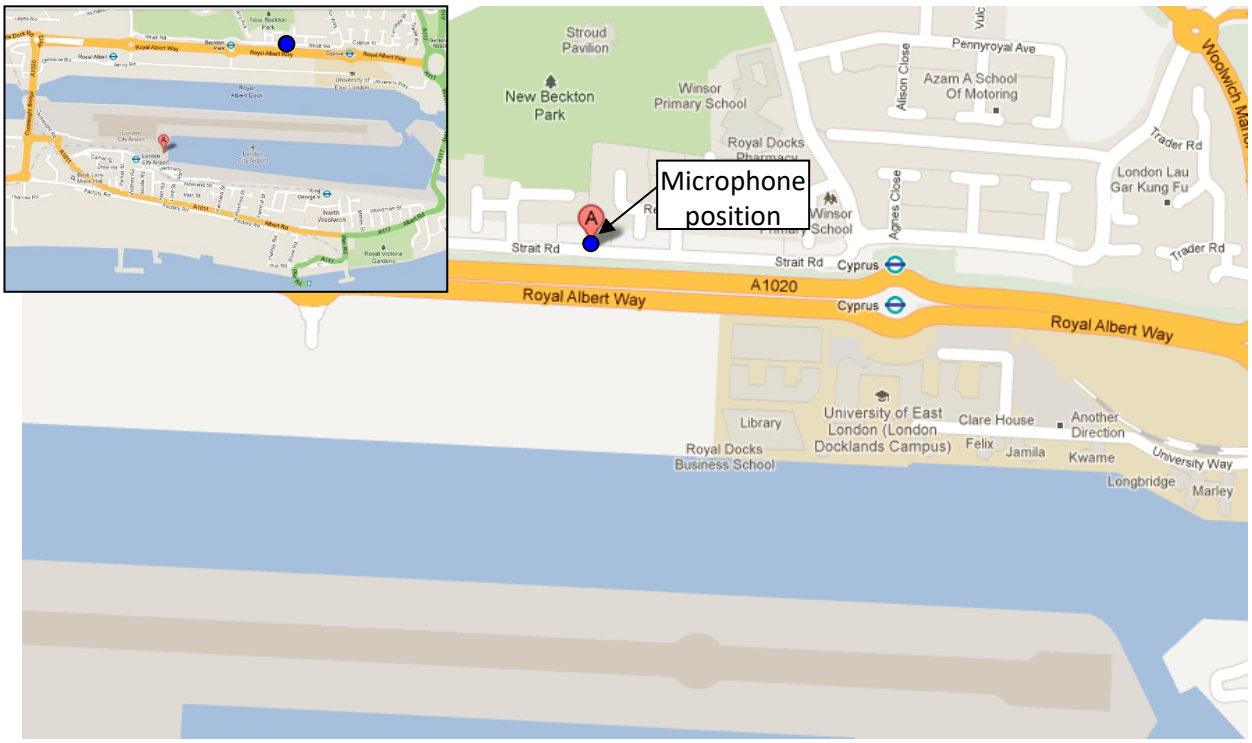
GENERAL COMMENTS: Free field.

WEATHER CONDITIONS: Dry, clear, light breeze.

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments(1)
2019/12/11 01:00	68.6	46.0	55.0	DLR (64 dB), car (68 dB)
2019/12/11 01:05	75.4	47.8	55.5	DLR (64 dB), car (75 dB)
2019/12/11 01:10	78.6	43.9	56.7	DLR (64 dB), car (75 dB)
2019/12/11 02:40	73.0	44.5	53.8	Distant road traffic (50-60 dB), car (73 dB)
2019/12/11 02:45	64.9	44.7	51.7	Distant road traffic (50-60 dB), distant lorry (65 dB)
2019/12/11 02:50	65.9	44.0	50.9	Distant road traffic (50-60 dB), distant lorry (65 dB)

(1) **Stated dB levels are $L_{AFmax,1s}$ values obtained from data processing**

AVERAGE NOISE LEVEL: **54 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **45 dB L_{AF90}**



Map showing measurement Location B4.

LOCATION B5 - BECKTON

DAYTIME NOISE SURVEY: 30th April 2022

POSITION LOCATION: On grass triangle in the centre of houses near Campion Close

DOMINANT NOISE SOURCE: Rail and Road traffic noise, birds chirping

GENERAL COMMENTS: Freefield

WEATHER CONDITIONS: Dry, clear, still.

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments(1)
30/04/2022 13:26	59.8	42.4	46.8	Dominant sources distant road traffic noise from A1020, DLR movements and birds chirping
30/04/2022 13:31	67.5	44.4	51.4	Dominant sources distant road traffic noise from A1020, DLR movements and birds chirping
30/04/2022 13:36	63.6	42.9	50.2	Dominant sources distant road traffic noise from A1020, DLR movements and birds chirping
30/04/2022 15:42	61.6	43.9	48.3	Dominant sources distant road traffic noise from A1020, DLR movements and birds/dogs.
30/04/2022 15:47	66.7	43.9	52.5	Dominant sources distant road traffic noise from A1020, DLR movements and birds/dogs.
30/04/2022 15:52	65.5	43.9	49.3	Dominant sources distant road traffic noise from A1020, DLR movements and birds/dogs.

(1) **Stated dB levels are $L_{AFmax,1s}$ values obtained from data processing**

AVERAGE NOISE LEVEL: **50 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **44 dB L_{AF90}**

DAYTIME NOISE SURVEY: 29th November 2019 & 3rd December 2019

POSITION LOCATION: On grass triangle in the centre of houses near Campion Close

DOMINANT NOISE SOURCE: Mainly distant traffic

GENERAL COMMENTS: Free field.

WEATHER CONDITIONS: Dry, clear, still.

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments(1)
2019/11/29 12:53	55.8	45.4	49.2	Distant road traffic (50-55 dB)
2019/11/29 13:01	62.5	44.8	49.9	Distant road traffic (50-55 dB), Pedestrian (62 dB)
2019/11/29 13:06	64.2	45.3	50.0	Distant road traffic (50-55 dB), loud motorbike (64 dB)
2019/12/03 12:18	79.7	46.1	57.9	Distant road traffic (50-55 dB)
2019/12/03 12:23	60.3	45.9	50.4	Distant road traffic (50-55 dB), Van nearby (67 dB)
2019/12/03 12:28	57.7	47.6	50.2	Distant road traffic (50-55 dB), Pedestrian (62 dB)
2019/12/03 13:53	57.8	50.7	53.4	Distant road traffic (50-55 dB)
2019/12/03 13:59	67.3	50.9	54.5	Distant road traffic (50-55 dB)
2019/12/03 14:04	62.4	50.9	54.2	Distant road traffic (50-55 dB), Bin slam (76 dB)

(2) **Stated dB levels are $L_{AFmax,1s}$ values obtained from data processing**

AVERAGE NOISE LEVEL: **53 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **48 dB L_{AF90}**

NIGHTTIME NOISE SURVEY: 11th December 2019

POSITION LOCATION: On grass triangle in the centre of houses near Campion Close

DOMINANT NOISE SOURCE: Mainly distant traffic, and leaf noise

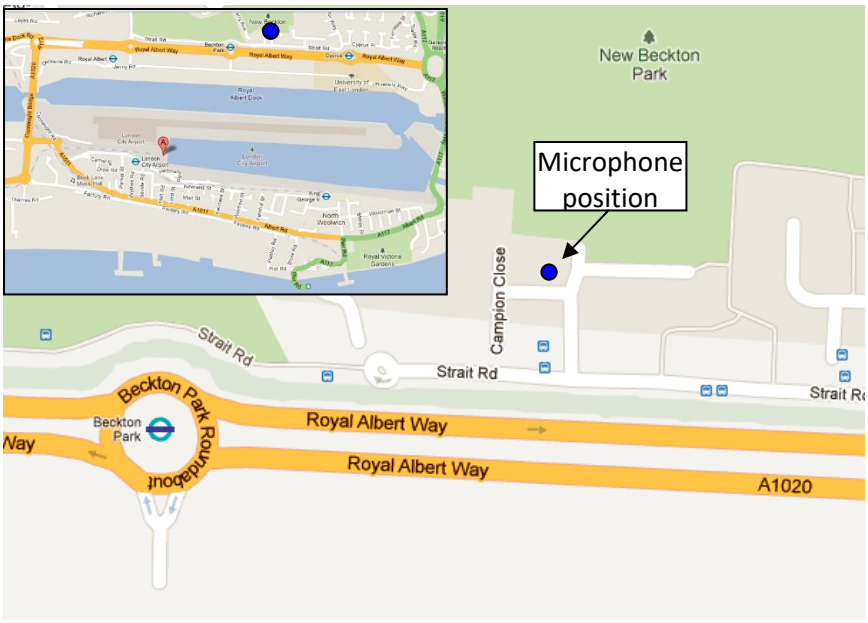
GENERAL COMMENTS: Free field.

WEATHER CONDITIONS: Dry, clear, light breeze.

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments(1)
2019/12/11 00:22	57.0	45.1	49.5	Distant road traffic (50-57 dB)
2019/12/11 00:28	61.1	46.0	49.0	Distant road traffic (50-57 dB)
2019/12/11 00:33	59.8	46.6	50.8	Distant road traffic (50-57 dB)
2019/12/11 02:01	58.2	45.3	48.8	Distant road traffic (50-57 dB)
2019/12/11 02:08	53.1	43.5	46.4	Distant road traffic (50-57 dB)
2019/12/11 02:13	59.7	44.9	48.0	Distant road traffic (50-57 dB)

(1) **Stated dB levels are $L_{AFmax,1s}$ values obtained from data processing**

AVERAGE NOISE LEVEL: **49 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **45 dB L_{AF90}**



Map showing measurement Location B5.

LOCATION B6 - BECKTON

DAYTIME NOISE SURVEY: 30th April 2022

POSITION LOCATION: Beckton Park

DOMINANT NOISE SOURCE: Rail and Road traffic noise, birds chirping.

GENERAL COMMENTS: Freefield

WEATHER CONDITIONS: Dry, clear, still.

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments(1)
30/04/2022 12:48	59.3	42.9	46.2	Dominant noise source RTN from A1020, DLR movements, birds chirping. Noise from bike in grass.
30/04/2022 12:53	71.9	41.6	51.2	Dominant noise source RTN from A1020, DLR movements, birds chirping. Noise from bike in grass.
30/04/2022 12:58	76.2	44.5	58.6	Dominant noise source RTN from A1020, DLR movements, birds chirping. Noise from bike in grass.
30/04/2022 15:21	65.9	44.3	48.7	Dominant noise source RTN from A1020, DLR movements, birds chirping. Noise from bike in grass.
30/04/2022 15:26	56.1	43.2	47.6	Dominant noise source RTN from A1020, DLR movements, birds chirping. Noise from bike in grass.
30/04/2022 15:31	56.2	44.9	47.7	Dominant noise source RTN from A1020, DLR movements, birds chirping. Noise from bike in grass.

(1) **Stated dB levels are $L_{AFmax,1s}$ values obtained from data processing**

AVERAGE NOISE LEVEL: **50 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **44 dB L_{AF90}**

DAYTIME NOISE SURVEY: 29th November 2019 & 3rd December 2019

POSITION LOCATION: Beckton Park

DOMINANT NOISE SOURCE: Distant traffic, building works

GENERAL COMMENTS: Free field.

WEATHER CONDITIONS: Dry, clear, still.

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments(1)
2019/11/29 13:16	56.6	47.0	49.4	Distant road traffic (50-55 dB)
2019/11/29 13:27	53.0	45.6	47.4	Distant road traffic (50-55 dB)
2019/11/29 13:32	59.5	45.6	48.7	Distant road traffic (50-55 dB)
2019/11/29 15:05	62.6	47.3	50.3	Distant road traffic (50-55 dB), Cyclists (62 dB)
2019/11/29 15:10	60.9	47.8	50.5	Distant road traffic (50-55 dB), Car engine bang (60 dB)
2019/11/29 15:15	69.2	47.4	51.1	Distant road traffic (50-55 dB), Dog bark (69 dB)
2019/12/03 12:36	64.5	52.8	56.5	Distant road traffic (50-55 dB)
2019/12/03 12:42	61.9	50.2	53.1	Distant road traffic (50-55 dB)
2019/12/03 12:47	64.5	51.3	53.6	Distant road traffic (50-55 dB), Noticeable increase in traffic (60 dB)
2019/12/03 14:12	61.8	51.2	54.7	Distant road traffic (50-55 dB)
2019/12/03 14:17	62.2	52.6	55.9	Distant road traffic (50-55 dB), Motorbike(63 dB)

(2) **Stated dB levels are $L_{AFmax,1s}$ values obtained from data processing**

AVERAGE NOISE LEVEL: **52 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **49 dB L_{AF90}**

NIGHTTIME NOISE SURVEY: 11th December 2019

POSITION LOCATION: Beckton Park

DOMINANT NOISE SOURCE: Distant traffic, crows, car horn, Tate & Lyle factory (constant)

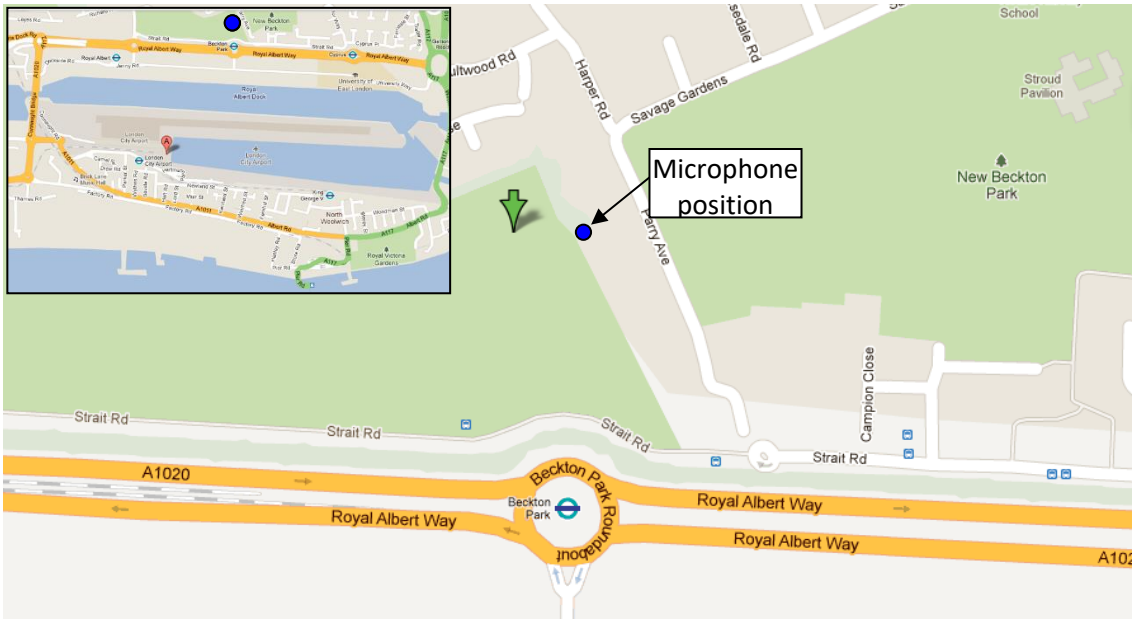
GENERAL COMMENTS: Free field.

WEATHER CONDITIONS: Dry, clear, still.

Start Time (hh:mm)	L_{AFmax} (dB)	L_{AF90} (dB)	$L_{Aeq,5\ min}$ (dB)	Comments(1)
2019/12/11 00:41	57.2	46.1	49.8	Distant road traffic (50-57 dB), DLR (57 dB)
2019/12/11 00:46	62.7	46.6	52.2	Distant road traffic (50-57 dB), DLR (57 dB)
2019/12/11 00:51	62.5	44.7	48.2	Distant road traffic (50-57 dB), DLR (62 dB)
2019/12/11 02:21	56.6	44.4	48.5	Distant road traffic (50-57 dB)
2019/12/11 02:26	58.0	43.9	46.8	Distant road traffic (50-57 dB)
2019/12/11 02:31	60.3	43.8	47.7	Distant road traffic (50-57 dB), Fox noises (60 dB)

(1) **Stated dB levels are LAFmax,1s values obtained from data processing**

AVERAGE NOISE LEVEL: **49 dB L_{Aeq}**
AVERAGE BACKGROUND NOISE LEVEL: **45 dB L_{AF90}**



Map showing measurement Location B6