River Thames Scheme

Protecting our communities
Securing our economy
Enhancing our Thames

Preliminary Environmental Information Report

Appendix 14.1

Baseline Noise Survey Report 2023

Contents

Baseline Noise Survey Report 2023

1 Introduction

1.1 Noise surveys

1.1.1 Baseline noise surveys have been completed along the River Thames between Wraysbury and Teddington to inform the Environmental Impact Assessment (EIA) for the River Thames Scheme (RTS).

1.1.2 The scope and methodology for the surveys and assessment is presented in Section 14.2 of the RTS EIA Scoping Report (GB, October 2022) ('the EIA Scoping Report').

1.1.3 The baseline noise surveys are to determine the existing sound environment to inform the noise assessment for the EIA. This includes assessment of:

- potential temporary effects of noise and vibration from construction activity on nearby noise sensitive residential and non-residential receptors;
- potential temporary effects of changes to road traffic noise in the local area as a result of construction of the project on nearby noise sensitive residential and non-residential receptors; and
- potential adverse effects of noise during maintenance activities and use of the site during operation on noise sensitive residential and non-residential receptors.

1.1.4 The baseline noise surveys involved short-term attended measurements at the majority of locations. Longer term unattended measurements were carried out at three locations.

1.1.5 The baseline noise survey exercise commenced in 2019 but was paused in early 2020 due to the Covid 19 pandemic. The pandemic caused atypical noise levels as a result of national lockdown measures and reduced activity from March 2020 onwards. 24 attended measurements and three unattended measurements had been completed prior to the pause.

1.1.6 The baseline noise surveys recommenced in 2023 and a further 33 attended surveys were carried out between April and May 2023. This report presents the results of all the measurements.

1.1.7 This survey report does not include surveys related to the assessment of the adverse disturbance to designated site interest features (e.g. birds) and other terrestrial and aquatic protected species from noise and vibration. For further information relating to that assessment see Chapter 8: Biodiversity of the Preliminary Environmental Information Report (PEIR). Noise effects upon heritage receptors is considered in Chapter 9: Cultural Heritage, Archaeology and Built Heritage of the PEIR in respect of increase traffic movements,

1.2 Noise Sensitive Receptors

1.2.1 For the purpose of the PEIR, a study area for the assessment of direct noise or vibration effects includes residential and non-residential receptors within 300m of construction or operational activities associated with the project. Beyond this distance effects are unlikely to be significant. Explanation of the noise and vibration study area can be found in Section 14.2.3 of the EIA Scoping Report.

1.2.2 The surveys were undertaken in six boroughs at locations chosen to represent the noise climate at identified residential and non-residential noise sensitive receptors.

1.2.3 A list of receptors identified for the noise and vibration assessment for the full extent of the project is presented in the PEIR, Volume 3, Figure 14.1.

1.3 Noise Sources

1.3.1 The noise climate along the project is characterised by road noise from the surrounding roads, railways and air traffic (primarily associated with Heathrow Airport) when present.

1.3.2 This includes the M25 between Staines by-pass and Thorpe, the M3 in Runnymede and Spelthorne, the A308 Thames Street between Hampton and Molesey, the A310 Kingston Road in Teddington, and A320 Chertsey Lane/Staines Road between Staines and Chertsey, as well as other local roads.

1.3.3 Railway noise is prevalent near to the Staines to Windsor line, Waterloo to Reading line, and the South West Main Line.

1.3.4 Other sources of noise include river traffic, open channel weirs, passing pedestrians, school and recreation-related noise.

2 Standards and Guidance

2.1 British Standard 7445 'Description and Measurement of Environmental Noise'

Part 1: Guide to quantities and procedures

2.1.1 This part of British Standard 7445 Part 1 (BS 7455-1:2003)[1] defines the basic quantities to be used for the description of noise in community environments and describes basic procedures for the determination of these quantities.

2.1.2 The methods and procedures described in this British Standard are intended to be applicable to sounds from all sources, individually and in combination, which contribute to the total noise at a site.

Part 2: Guide to the acquisition of data pertinent to land use

2.1.3 This part of BS 7445[2] describes methods for the acquisition of data which provide descriptors that enable:

a) a description of the environmental noise in a specified area of land to be made in a uniform way; and
b) the compatibility of any land use activity or projected activity to be assessed with respect to existing or predicted noise.

2.1.4 Using the data as a basis, authorities may establish a system for selecting the appropriate land use, as far as levels of noise are concerned, for a specified area, or the sources of noise, existing or planned, which are acceptable with respect to land use, existing or planned.

3 Baseline Monitoring Method

3.1 Outline

3.1.1 Noise and vibration impacts from RTS have the potential to lead to effects on local receptors including residential receptors (dwellings) and non-residential receptors such as schools, hospitals, hotels and offices etc.

[1] British Standards Institute (BSI), (2003): 'BS 7445 – Description and Measurement of Environmental Noise. Part 1: Guide to Quantities and Procedures'. BSI, London.
[2] British Standards Institute (BSI), (1991): 'BS 7445 – Description and Measurement of Environmental Noise. Part 2: Guide to the acquisition of data pertinent to land use'. BSI, London.

Figure 14.1, Volume 3 in the PEIR shows the locations of currently identified noise sensitive receptors within the noise and vibration study area.

3.1.2 To assess the potential noise and vibration effects of the project during both construction and operation, baseline noise surveys were undertaken to determine the conditions around the RTS. The baseline methodology for the surveys is presented in Section 14.2 of the RTS Scoping Report.

3.1.3 The baseline data contains relevant information on the conditions at receptors in the vicinity of project and descriptions of the noise environment at sensitive receptors.

3.1.4 The surveys allow the noise environment to be classified within a set of assessment categories in accordance with the ABC method from BS5228: Part 1 (2009+A1:2014)[3] shown in Table 1. This is applied to residential receptors and represents the baseline noise climate in the measurement locations.

Table 1 - ABC criteria from BS5228: Part 1 (2009+A1:2014)

Assessment category and threshold value period	**Threshold Value, in decibels (dB) ($L_{Aeq,T}$)**		
	Category A A)	**Category B B)**	**Category C C)**
Night time (23:00 – 07:00)	45	50	55
Evening and Weekends D)	55	60	65
Daytime (07:00 – 19:00) and Saturdays (07:00 – 13:00)	65	70	75
NOTE 1 A potential significant effect is indicated if the $L_{Aeq,T}$ noise level arising from the site exceeds the threshold level for the category appropriate to the ambient noise level. *NOTE 2 If the ambient noise level exceeds the Category C threshold values given in the table (i.e. the ambient noise level is higher than the above values), then a potential significant effect is indicated if the total $L_{Aeq,T}$ noise level for the period increases by more than 3 dB due to site noise* *NOTE 3 Applied to residential receptors only.* *NOTE 4 The acoustic character of the area will be considered along with the ambient noise level when assigning a category.*			
A) Category A: threshold values to use when ambient noise levels (when rounded to the nearest 5 dB) are less than these values. B) Category B: threshold values to use when ambient noise levels (when rounded to the nearest 5 dB) are the same as category A values. C) Category C: threshold values to use when ambient noise levels (when rounded to the nearest 5 dB) are higher than category A values. D) 19.00–23.00 weekdays, 13.00–23.00 Saturdays and 07.00–23.00 Sundays.			

[3] British Standard 5228-1: 2009 + A1:2014 Code of practice for noise and vibration control on construction and open sites – Part 1: Noise

3.1.5 To assign an assessment category to each noise sensitive receptor, those within a similar noise environment (based on their proximity to local noise sources) were grouped. Each survey location represents a group of noise sensitive receptors. The majority of construction works will occur during daytime hours, so attended measurements were completed for receptors in the vicinity of these proposed works. All measurements were completed to comply with BS7445-2: 1991 'Description and measurement of Environmental Noise'. All measurements include a measurement of $L_{Aeq,T}$ L_{AFmax}, L_{A10} and L_{A90} (see Section 4 for definitions) and local meteorological conditions.

3.2 Attended Surveys

3.2.1 Attended measurements were carried out using a calibrated sound level meter located 1.5m above local ground at a location representative of the sound environment at the relevant receptor(s). Measurements covered 3 hours duration typically between 10am and 5pm usually using shorter (e.g. 15 minute) samples within each hour when considered suitably representative of the full one-hour period.

3.2.2 The sound level meter was installed and set to measure continuous octave band and A-weighted measurements of $L_{Aeq,T}$, L_{AFmax}, L_{A10} and L_{A90}. The local weather conditions were noted on a survey sheet. The local noise climate and any significant noise events were noted.

3.3 Unattended Surveys

3.3.1 Unattended measurements were carried out using a calibrated sound level meter located 1.5m above local ground at a location representative of the sound environment at the relevant receptor(s). Measurements covered up to seven days duration with 15-minute measurement periods.

3.3.2 The sound level meter was installed and set to measure continuous octave band and A-weighted measurements of $L_{Aeq,T}$, L_{AFmax}, L_{A10} and L_{A90}. The meter was also set up to record 1 minute of audio at the start of each hour. The local weather conditions were noted on a survey sheet when the meter was set up. The continuous weather data over the recording period was provided by the local weather stations.

3.4 Equipment

The equipment used is detailed in Table 2. Certificates of periodic verification of the equipment traceable to national and international standards within the last two years prior to the measurements for the noise meters are available on request.

Table 2 – Equipment List

Manufacturer	Monitor	Serial Number	Calibration Date
Rion	NL-52-1	510141	07/02/2022
Rion	NL-52-2	410086	28/01/2022
Rion	NA-28-2	680885	07/02/2022
Rion	NA-28-3	881067	28/01/2022
Rion	NA-28-4	1260205	21/12/2017[4]
Rion	NA-28-5	1170653	22/02/2022
Rion	NC-74 Calibrator	34773047	24/09/2022

3.5 Survey measurement locations

3.5.1 The survey measurement locations are shown on the receptor maps within the PEIR (Figure 14.1, Volume 3).

4 Baseline Monitoring Results

4.1 Definitions of Results

4.1.1 The measurements of the $L_{Aeq,T}$, L_{AFmax}, L_{A10} and L_{A90} were carried out at each measurement position.

$L_{Aeq,T}$

4.1.2 $L_{Aeq,T}$ is the 'A' frequency weighted, equivalent continuous sound level. T denotes the time period over which the fluctuating sound levels were averaged. In these results, T is the 15-minute period of the measurement. For attended measurements, this is the arithmetic average of the three measured 15-minute periods and is assumed to be representative of the 12-hour daytime $L_{Aeq\ 07:00\text{-}19:00}$. For unattended measurements this is the calculated L_{Aeq} over the time period stated for each day of the

[4] Sound level meter not used in 2023 surveys.

measurement, then the separate days are arithmetically averaged to give a typical result for that period.

L_{AFmax}

4.1.3 L_{AFmax} is the maximum Sound Level with 'A' frequency weighting and Fast Time weighting during the measurement period. For attended measurements, this is the arithmetic average of the three measured 15-minute periods and is assumed to be representative of the 12-hour daytime. For unattended measurements this is the average plus one standard deviation of the 15-minute results measured during the period.

L_{A10}

4.1.4 L_{A10} is the noise level exceeded for 10% of the measurement period with 'A' frequency weighting. For attended measurements, this is the arithmetic average of the three measured 15-minute periods and is assumed to be representative of the 12-hour daytime. No calculations were completed for the unattended measurements as the parameter is only used for analysis of the attended measurements.

L_{A90}

4.1.5 L_{A90} is the noise level exceeded for 90% of the measurement period with 'A' frequency weighting. For attended measurements, this is the arithmetic average of the three measured 15-minute periods and is assumed to be representative of the 12-hour daytime. For unattended measurements this is the average of the separate days' minimum measured during the relevant period.

ABC Category

4.1.6 This represents the category that the baseline noise climate falls into according to Table 1 using the measured daytime $L_{Aeq,T}$.

4.2 Attended Survey Results

4.2.1 The results from the 57 attended measurement positions are presented in the Table 3 below. The table shows the arithmetic average of each of the parameters measured. A detailed breakdown of the measurements at each survey location are included in Appendix A.

Table 3 Attended Survey Results

Measurement Location ID	**Local** Planning Authority	Daytime $L_{Aeq,T}$ dB	Daytime L_{Amax} dB	Daytime L_{A10} dB	Daytime L_{A90} dB	ABC category	Meter ID
MW0004	Elmbridge	66	81	70	53	B	NL-52-1
MW0005	Elmbridge	58	79	60	51	A	NA-28-3
MW0006	Elmbridge	56	79	57	45	A	NA-28-5
SW0001	Elmbridge	59	75	60	57	A	NL-52-2
SW0004	Elmbridge	60	81	62	54	A	NA-28-2
CS0302	Elmbridge	72	86	76	59	C	NA-28-3
CS0307	Elmbridge	68	88	72	45	C	NL-52-1
CS0311	Elmbridge	55	77	58	42	A	NL-52-1
CS0314	Elmbridge	53	76	54	38	A	NL-52-2
CS0315	Elmbridge	64	80	66	59	B	NL-52-1
CS0316	Elmbridge	75	93	78	63	C	NL-52-2
CS0320	Elmbridge	49	72	50	40	A	NA-28-5
CS0321	Elmbridge	57	76	58	52	A	NA-28-5
CS0501	Elmbridge	62	82	65	44	A	NA-28-2
CS0502	Elmbridge	56	82	57	47	A	NA-28-5
TW0005	Kingston	55	75	57	46	A	NA-28-2
TW0001	Richmond	59	83	63	48	A	NA-28-5
TW0002	Richmond	55	75	57	46	A	NA-28-5
TW0003	Richmond	52	82	54	48	A	NA-28-5
TW0004	Richmond	49	73	50	44	A	NA-28-2
TW0006	Richmond	56	77	59	43	A	NA-28-2
TW0007	Richmond	60	79	62	57	A	NA-28-2
MW0001	Richmond	69	78	72	63	C	NA-28-5
MW0002	Richmond	57	82	59	51	A	NA-28-2

Measurement Location ID	**Local** Planning Authority	Daytime $L_{Aeq,T}$ dB	Daytime L_{Amax} dB	Daytime L_{A10} dB	Daytime L_{A90} dB	ABC category	Meter ID
MW0003	Richmond	57	80	59	47	A	NA-28-5
MW0007	Richmond	71	85	74	65	C	NA-28-5
CS0201	Runnymede	58	78	60	52	A	NA-28-3
CS0203	Spelthorne	58	69	60	54	A	NA-28-3
CS0301	Spelthorne	58	80	61	44	A	NL-52-2
CS0304	Spelthorne	57	79	58	39	A	NL-52-1
CS0305	Spelthorne	58	74	61	52	A	NL-52-1
CS0306	Spelthorne	60	85	62	42	A	NL-52-2
CS0308	Spelthorne	54	75	56	43	A	NL-52-2
CS0312	Spelthorne	69	82	71	65	C	NL-52-1
CS0313	Spelthorne	54	71	55	49	A	NL-52-1
SW0002	Spelthorne	65	81	69	56	B	NL-52-1
SW0003	Spelthorne	56	79	57	41	A	NL-52-2
CS0204	Runnymede	55	75	55	51	A	NA-28-4
CS0205	Runnymede	56	76	56	49	A	NA-28-5
CS0206	Runnymede	64	81	68	53	B	NA-28-4
CS0207	Runnymede	75	85	79	66	C	NL-52-2
CS0208	Runnymede	60	79	61	56	A	NA-28-5
CS0211	Runnymede	56	70	59	52	A	NL-52-2
CS0212	Runnymede	53	78	54	44	A	NA-28-3
CS0213	Runnymede	52	74	55	42	A	NA-28-5
CS0214	Runnymede	53	76	54	40	A	NA-28-5
CS0215	Runnymede	52	75	52	42	A	NA-28-3
CS0216	Runnymede	53	77	52	37	A	NA-28-2

Measurement Location ID	**Local** Planning Authority	Daytime $L_{Aeq,T}$ dB	Daytime L_{Amax} dB	Daytime L_{A10} dB	Daytime L_{A90} dB	ABC category	Meter ID
CS0401	Runnymede	55	70	57	52	A	NA-28-3
CS0402	Runnymede	54	74	55	50	A	NA-28-2
CS0122	Spelthorne	61	80	63	56	A	NA-28-5
CS0317	Spelthorne	71	87	76	54	C	NA-28-2
CS0318	Spelthorne	70	85	74	53	C	NA-28-3
CS0319	Spelthorne	54	76	54	43	A	NA-28-3
CS0322	Spelthorne	73	87	77	54	C	NA-28-2
CS0111	Windsor and Maidenhead	63	80	67	41	B	NA-28-5
CS0123	Windsor and Maidenhead	57	69	58	56	A	NA-28-3

4.3 Unattended Survey Results

4.3.1 The three unattended measurement locations, CS0202, CS0210 and CS0303 are presented in Table 4 below. Each table shows the $L_{Aeq,T}$, Typical L_{Amax}, and the Typical Lowest L_{A90} for the day, evening, and night time periods. A detailed breakdown of the measurements at each survey location are in Appendix A.

Table 4 Summary of Unattended Survey Results

Measurement Location ID	Local Planning Authority	$L_{Aeq,T}$, dB			Typical L_{Amax}, dB			Typical Lowest L_{A90}, dB			Meter ID
		Day 0700 - 1900	Eve 1900 - 2300	Night 2300 - 0700	Day 0700 - 1900	Eve 1900 - 2300	Night 2300 - 0700	Day 0700 - 1900	Eve 1900 - 2300	Night 2300 - 0700	
CS0202	Runnymede	57	57	49	63	64	51	50	45	40	NL-52-2
CS0210	Runnymede	61	61	55	66	66	59	55	52	40	NA-28-3

Measurement Location ID	Local Planning Authority	$L_{Aeq,T}$, dB			Typical L_{Amax}, dB			Typical Lowest L_{A90}, dB			Meter ID
		Day 0700 - 1900	Eve 1900 - 2300	Night 2300 - 0700	Day 0700 - 1900	Eve 1900 - 2300	Night 2300 - 0700	Day 0700 - 1900	Eve 1900 - 2300	Night 2300 - 0700	
CS0303	Spelthorne	44	40	48	66	64	45	35	39	34	NA-28-3

Appendix A Measurements per Survey Location

Measurement Location: Royal Borough of Richmond upon Thames	Measurement Location ID: TW0001
Coordinates: 516518, 171447	
Date of measurement: 13/04/2023	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
13/04/2023	10:45	59	62	49	84
13/04/2023	11:15	61	64	49	84
13/04/2023	12:00	59	63	48	81

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	59
L_{A10} Arithmetic Average	63
L_{A90} Arithmetic Average	48
L_{Amax} Arithmetic Average	83

Subjective description of sound climate at monitoring location
Dominated by road traffic when present. Other perceptibly audible items include bird song, pedestrians, steady flow of single lane traffic heading south along Manor Road, distant construction sound audible, talking audible from houses opposite measurement location. Helicopter passed overhead (11:18).
Weather Conditions
Mild, sunny, intermittent gusts.

Measurement Location: Royal Borough of Richmond upon Thames	Measurement Location ID: TW0002
Coordinates: 517676, 170486	
Date of measurement: 17/04/2023	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
17/04/2023	10:26	54	56	46	74
17/04/2023	11:26	54	57	46	74
17/04/2023	12:26	56	58	46	78

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	55
L_{A10} Arithmetic Average	57
L_{A90} Arithmetic Average	46
L_{Amax} Arithmetic Average	75

Subjective description of sound climate at monitoring location

Dominated by aircraft pass-bys when they occur. Limited road traffic and leisure noise present, but not dominant. Leaf blowers and grass cutters audible. Second measurement people playing football about 100m away.

Weather Conditions

Mild, light breeze.

Measurement Location: Royal Borough of Richmond upon Thames	Measurement Location ID: TW0003
Coordinates: 516742, 171604	
Date of measurement: 13/04/2023	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
13/04/2023	12:37	52	53	49	84
13/04/2023	13:40	53	54	48	86
13/04/2023	14:40	52	54	47	76

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	52
L_{A10} Arithmetic Average	54
L_{A90} Arithmetic Average	48
L_{Amax} Arithmetic Average	82

Subjective description of sound climate at monitoring location

Dominated by leaves rustling, as large area of foliage behind measurement position and screeching noise emitted by the nearby gate locking system. Aeroplane passing overhead north westerly direction (12:55). School playground faintly audible to the north of the site. Low frequency distant construction sound audible. Thunder strike (13:27). Fairly busy walkway for pedestrians.

Weather Conditions

Mild, strong breeze, passing thunderstorm. Light drizzle for around 2 mins (14:05).

Measurement Location: Royal Borough of Richmond upon Thames	Measurement Location ID: TW0004
Coordinates: 516958, 171657	
Date of measurement: 13/04/2023	**Number of measurements:** 3

Measured Noise Levels

Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
13/04/2023	12:35	50	51	46	75
13/04/2023	13:40	50	49	44	77
13/04/2023	14:40	46	48	43	65

Overall calculated noise levels

Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	49
L_{A10} Arithmetic Average	50
L_{A90} Arithmetic Average	44
L_{Amax} Arithmetic Average	73

Subjective description of sound climate at monitoring location

Dominated by weir/river sound and birdsong. Occasional noise from AC unit and children cheering/playing. Passer-by talking (12:37-12:41) and dog barking (12:41:42). Loud booming noise from south-west (13:38). Mother and 2 daughters playing in field (14:38-14:45) approx. 10m away.

Weather Conditions

Overcast, fairly cool. Light drizzle for around 1 min (14:05).

Measurement Location: Kingston upon Thames	Measurement Location ID: TW0005
Coordinates: 517911, 170652	
Date of measurement: 17/04/2023	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
17/04/2023	10:50	55	59	41	77
17/04/2023	11:50	55	58	41	76
17/04/2023	12:52	56	59	40	75

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	55
L_{A10} Arithmetic Average	59
L_{A90} Arithmetic Average	41
L_{Amax} Arithmetic Average	76

Subjective description of sound climate at monitoring location
Dominated by pedestrians, dog walkers, cyclists, birds (song & splashing in water) and aircraft noise when present. Distant power tools, leisure (rowers), small motorboat & bin lorry at 11:30.
Weather Conditions
Fairly mild, sunny, mostly clear skies.

Measurement Location: Royal Borough of Richmond upon Thames	Measurement Location ID: TW0006
Coordinates: 516973, 171826	
Date of measurement: 13/04/2023	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
13/04/2023	10:46	57	58	43	91*
13/04/2023	11:01	56	60	44	68
13/04/2023	12:00	55	60	43	71

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	56
L_{A10} Arithmetic Average	59
L_{A90} Arithmetic Average	43
L_{Amax} Arithmetic Average	70

Subjective description of sound climate at monitoring location
Birdsong constant and seemingly dominant, occasional cyclist. River and distant power tool faintly audible.
Weather Conditions
Fairly cool, gentle breeze.

*excluded from average as unrepresentative due to gust of wind

Measurement Location: Royal Borough of Richmond upon Thames	Measurement Location ID: MW0001
Coordinates: 515282, 168796	
Date of measurement: 19/04/2023	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
19/04/2023	10:30	70	73	65	78
19/04/2023	11:08	70	72	64	80
19/04/2023	12:02	68	71	60	77

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	69
L_{A10} Arithmetic Average	72
L_{A90} Arithmetic Average	63
L_{Amax} Arithmetic Average	79

Subjective description of sound climate at monitoring location
Dominated by continuous road traffic noise on Hampton Court Road. Other noise sources included school trips walking past and lawn mower.
Weather Conditions
Mild, slight overcast, moderate breeze.

Measurement Location: Royal Borough of Richmond upon Thames	Measurement Location ID: MW0002
Coordinates: 515464, 168914	
Date of measurement: 19/04/2023	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
19/04/2023	10:38	60*	62*	53*	87*
19/04/2023	11:40	56	59	51	82
19/04/2023	12:42	55	56	50	77

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	56
L_{A10} Arithmetic Average	58
L_{A90} Arithmetic Average	51
L_{Amax} Arithmetic Average	80

Subjective description of sound climate at monitoring location
Dominated by continuous road traffic noise on Hampton Court Road. Lawn mower pass-by at (10:40, 10:42, 10:40, 11:00, 11:06, 11:27). Aircraft noise dominant when present.
Weather Conditions
Mild, slightly overcast, moderate breeze.

*excluded from average as unrepresentative due to lawn mower pass bys.

Measurement Location: Elmbridge Borough Council	Measurement Location ID: MW0003
Coordinates: 514718, 168950	
Date of measurement: 19/05/2023	**Number of measurements:** 4

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
19/05/2023	10:30	56	57	47	79
19/05/2023	11:07	58	61	47	76
19/05/2023	11:42	58	60	47	82
19/05/2023	12:57	56	59	47	85

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	57
L_{A10} Arithmetic Average	59
L_{A90} Arithmetic Average	47
L_{Amax} Arithmetic Average	80

Subjective description of sound climate at monitoring location
Dominated by birdsong and geese honking, pedestrians, dog walkers, dogs barking, paddleboard, kayaks, little motorboat, and distant traffic on Hampton Court Road when they occur. Measurement 2 pedestrians talking but at fair distance.
Weather Conditions
Fairly cool, overcast.

Measurement Location: Elmbridge Borough Council	Measurement Location ID: MW0005
Coordinates: 514885, 168789	
Date of measurement: 19/05/2023	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
19/04/2023	10:34	58	59	51	82
19/04/2023	11:34	59	62	51	78
19/04/2023	12:37	58	60	52	77

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	58
L_{A10} Arithmetic Average	60
L_{A90} Arithmetic Average	51
L_{Amax} Arithmetic Average	79

Subjective description of sound climate at monitoring location
Dominated by continuous weir sound, birdsong, geese honking, people walking past, cyclists and boats (motorised and paddle). Leaf blower 11:54-11:57.
Weather Conditions
Cool, overcast, little to no wind. Light drizzle from 11:15-11:21.

Measurement Location: Windsor and Maidenhead Borough Council	Measurement Location ID: CS0111
Coordinates: 501740, 174458	
Date of measurement: 25/04/2023	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
25/04/2023	13:45	63	66	43	82
25/04/2023	14:01	63	68	41	78
25/04/2023	15:02	63	68	39	80

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	63
L_{A10} Arithmetic Average	67
L_{A90} Arithmetic Average	41
L_{Amax} Arithmetic Average	80

Subjective description of sound climate at monitoring location
Road traffic dominant when present, aircraft pass-bys every 5 mins or so. Farm animals across road making occasional noise, few dog barks (2 per measurement).
Weather Conditions
Mild, sunny, moderate cloud coverage.

Measurement Location: Spelthorne Borough Council	Measurement Location ID: CS0122
Coordinates: 502357, 173216	
Date of measurement: 25/04/2023	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
25/04/2023	10:34	60	62	56	79
25/04/2023	11:35	61	52	55	80
25/04/2023	13:16	62	65	58	81

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	61
L_{A10} Arithmetic Average	63
L_{A90} Arithmetic Average	56
L_{Amax} Arithmetic Average	80

Subjective description of sound climate at monitoring location
Train pass-bys dominant when they occur otherwise, birdsong, aircraft (distant) and M25 traffic.
Weather Conditions
Warm, light breeze, slight overcast.

Measurement Location: Windsor and Maidenhead Borough Council	Measurement Location ID: CS0123
Coordinates: 501460, 174376	
Date of measurement: 19/05/2023	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
25/04/2023	13:38	57	59	56	69
25/04/2023	14:50	57	58	56	70
25/04/2023	15:56	56	57	56	70

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	57
L_{A10} Arithmetic Average	58
L_{A90} Arithmetic Average	56
L_{Amax} Arithmetic Average	69

Subjective description of sound climate at monitoring location
Dominated by continuous weir/stream sound, birdsong, and lawn/gardening tools in operation. Train horn audible from across road (Station Road), car door slam (measurement number 2 and 3).
Weather Conditions
Fairly mild, light breeze.

Measurement Location: Runnymede Borough Council	Measurement Location ID: CS0212
Coordinates: 504738, 169216	
Date of measurement: 19/05/2023	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
26/05/2023	10:30	54	55	45	73
26/05/2023	11:30	54	54	43	87
26/05/2023	12:30	52	54	43	74

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	53
L_{A10} Arithmetic Average	54
L_{A90} Arithmetic Average	44
L_{Amax} Arithmetic Average	78

Subjective description of sound climate at monitoring location
Dominated by birdsong and loud chirping (flock of small birds). Audible rumble from distant aircraft. HGV idling near access road.
Weather Conditions
Warm and sunny, clear skies, slight breeze.

Measurement Location: Runnymede Borough Council	Measurement Location ID: CS0213
Coordinates: 504385, 168924	
Date of measurement: 19/05/2023	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
26/05/2023	10:33	52	55	42	74
26/05/2023	11:33	54	57	43	75
26/05/2023	12:33	52	54	42	72

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	52
L_{A10} Arithmetic Average	55
L_{A90} Arithmetic Average	42
L_{Amax} Arithmetic Average	74

Subjective description of sound climate at monitoring location
Dominated by birdsong and loud chirping in the field and bordering trees/hedgerows. Distant road traffic noise audible. Occasional vehicle driving down private road (1 HGV, the rest passenger cars). Horse snorting in adjacent field for the last 30 mins of the third measurement.
Weather Conditions
Warm and sunny, clear skies, slight breeze.

Measurement Location: Runnymede Borough Council	Measurement Location ID: CS0214
Coordinates: 502447, 169466	
Date of measurement: 25/04/2023	**Number of measurements:** 2

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
25/04/2023	11:01	53	51	37	76
25/04/2023	12:06	53	56	43	75
-	-	-	-	-	-

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	53
L_{A10} Arithmetic Average	54
L_{A90} Arithmetic Average	40
L_{Amax} Arithmetic Average	76

Subjective description of sound climate at monitoring location

Dominated by the plant noise from nearby industrial site (~60m away). Occasional car movement around the site. Digger being used near the pond (very quiet) and occasional dog bark.

Weather Conditions

Relatively warm, slight overcast.

Measurement Location: Runnymede Borough Council	Measurement Location ID: CS0215
Coordinates: 502356, 169054	
Date of measurement: 25/04/2023	**Number of measurements:** 2

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
25/05/2023	11:00	53	52	42	75
25/05/2023	12:08	52	52	43	75
-	-	-	-	-	-

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	52
L_{A10} Arithmetic Average	52
L_{A90} Arithmetic Average	42
L_{Amax} Arithmetic Average	75

Subjective description of sound climate at monitoring location
Dominated by birdsong and constant M25 traffic. Playing fields opposite measurement location being used by children, loud shouting audible. Other noise sources included distant agricultural lawn mower in use, graveyard visitors pass-bys and leaves rustling.
Weather Conditions
Relatively mild, light but consistent wind.

Measurement Location: Runnymede Borough Council	Measurement Location ID: CS0216
Coordinates: 504967, 168244	
Date of measurement: 25/05/2023	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
25/05/2023	11:02	53	54	37	77
25/05/2023	12:04	52	53	38	73
25/05/2023	13:06	54	50	38	80

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	53
L_{A10} Arithmetic Average	52
L_{A90} Arithmetic Average	37
L_{Amax} Arithmetic Average	77

Subjective description of sound climate at monitoring location
Dominated by distant road traffic, birdsong, and long ground vegetation rustling. People walking past on adjacent path.
Weather Conditions
Partially cloudy, little to no wind.

Measurement Location: Spelthorn Borough Council	Measurement Location ID: CS0317
Coordinates: 509392, 166115	
Date of measurement: 26/05/2023	**Number of measurements:** 4

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
26/05/2023	10.44	71	76	54	86
26/05/2023	11.22	72	76	55	88
26/05/2023	12.22	71	75	53	87
26/05/2023	13.02	71	76	53	85

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	71
L_{A10} Arithmetic Average	76
L_{A90} Arithmetic Average	54
L_{Amax} Arithmetic Average	87

Subjective description of sound climate at monitoring location
Dominated by birdsong and Chertsey Road traffic. When there is an absence of road traffic on Chertsey Road, constant M3 traffic audible.
Weather Conditions
Relatively warm, little to no wind.

Measurement Location: Spelthorn Borough Council	Measurement Location ID: CS0318
Coordinates: 506517, 166777	
Date of measurement: 26/05/2023	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
17/05/2023	13:44	69	73	48	83
17/05/2023	14:47	71	75	55	86
17/05/2023	15:15	70	74	56	85

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	70
L_{A10} Arithmetic Average	74
L_{A90} Arithmetic Average	53
L_{Amax} Arithmetic Average	85

Subjective description of sound climate at monitoring location
Constant traffic noise from Chertsey Road. Birdsong during quieter moments of traffic. M3 in the distance and constant.
Weather Conditions
Relatively warm, moderate cloud coverage, little to no wind.

Measurement Location: Spelthorn Borough Council	Measurement Location ID: CS0319
Coordinates: 506967, 166163	
Date of measurement: 17/05/2023	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
17/05/2023	10:06	55	54	42	78
17/05/2023	12:07	52	51	42	72
17/05/2023	12:39	53	53	43	73

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	53
L_{A10} Arithmetic Average	53
L_{A90} Arithmetic Average	42
L_{Amax} Arithmetic Average	74

Subjective description of sound climate at monitoring location
Dominated by birdsong and M3 traffic. People working with power and garden tools and chatting on the other side of the tree line. Audible sound of tractor movement and radio in distance.
Weather Conditions
Mild, gentle breeze, low cloud coverage.

Measurement Location: Runnymede Borough Council	Measurement Location ID: CS0401
Coordinates: 499916, 166973	
Date of measurement: 30/05/2023	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
30/05/2023	10:37	55	57	52	73
30/05/2023	11:39	55	57	51	68
30/05/2023	12:39	55	57	52	68

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	55
L_{A10} Arithmetic Average	57
L_{A90} Arithmetic Average	52
L_{Amax} Arithmetic Average	70

Subjective description of sound climate at monitoring location
Dominated by M3 traffic and birdsong. Other noise sources included continous dog barking in caravan park, occassional train passing and use of power tools at caravan park.
Weather Conditions
Warm, light breeze, partially cloudy.

Measurement Location: Royal Borough of Richmond upon Thames	Measurement Location ID: TW0007
Coordinates: 517015, 171469	
Date of measurement: 01/06/2023	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
01/06/2023	10:16	61	62	59	78
01/06/2023	11:57	61	62	58	80
01/06/2023	13:00	59	60	54	79

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	60
L_{A10} Arithmetic Average	62
L_{A90} Arithmetic Average	57
L_{Amax} Arithmetic Average	79

Subjective description of sound climate at monitoring location

Dominated by continuous weir sound, pedestrians, dog walkers, birdsong and cyclists. Aircraft noise including helicopters also perceptable, 1 flight approx. every 5-10 mins., 10:18 - Motorboat passed-by, 13:20 - motorboat (63dB), 13:24 - motorboat (63dB), 13:26 - barge (no change in dB), 13:40 - boat with PA system (65dB), 13:47 - barge (61dB).

Weather Conditions

Relatively cool, overcast.

Measurement Location: Elmbridge Borough Council	Measurement Location ID: CS0320
Coordinates: 508321, 165556	
Date of measurement: 01/06/2023	**Number of measurements:** 3

Measured Noise Levels

Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
01/06/2023	11:05	50	53	41	74
01/06/2023	12:06	46	48	40	66
01/06/2023	13:19	51	49	40	76

Overall calculated noise levels

Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	49
L_{A10} Arithmetic Average	50
L_{A90} Arithmetic Average	40
L_{Amax} Arithmetic Average	72

Subjective description of sound climate at monitoring location

A DPD van idling infront of nearby private residence gate (11:08), gate open/close and van driving off (11:12). Tennis courts in constant use (childrens class, followed by adults). Car idling in front of gate with car stereo playing during the second measurement. Overhead low flying airtraffic, dominant when present. No court use during the third measurement from 13:30.

Weather Conditions

Warm and sunny, slight overcast, gentle breeze.

Measurement Location: Elmbridge Borough Council	Measurement Location ID: CS0302
Coordinates: 508321, 165556	
Date of measurement: 17/05/2023	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
17/05/2023	13:24	72	77	57	87
17/05/2023	14:25	72	76	60	82
17/05/2023	15:36	72	76	59	90

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	72
L_{A10} Arithmetic Average	76
L_{A90} Arithmetic Average	59
L_{Amax} Arithmetic Average	86

Subjective description of sound climate at monitoring location

Dominated by road traffic on Renfree Way when present, birdsong audible during quieter traffic conditions.

Weather Conditions

Mild, slight overcast, little to no wind.

Measurement Location: Runnymede Borough Council	Measurement Location ID: CS0402
Coordinates: 499534, 166848	
Date of measurement: 19/04/2023	**Number of measurements:** 4

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
26/04/2023	10:18	54	56	51	68
26/04/2023	11:04	54	55	51	78
26/04/2023	12:05	53	55	49	74

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	54
L_{A10} Arithmetic Average	55
L_{A90} Arithmetic Average	50
L_{Amax} Arithmetic Average	73

Subjective description of sound climate at monitoring location
Dominated by constant M3 traffic, otherwise relatively quiet. Other noise sources included rustling leaves, birdsong, and air traffic in distance.
Weather Conditions
Relatively cool, slight overcast with sunny spells.

Measurement Location: Elmbridge Borough Council	Measurement Location ID: CS0321
Coordinates: 510090, 167250	
Date of measurement: 04/05/2023	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
04/05/2023	12:46	56	57	52	76
04/05/2023	13:46	58	58	53	80
04/05/2023	14:46	56	59	52	74

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	57
L_{A10} Arithmetic Average	58
L_{A90} Arithmetic Average	52
L_{Amax} Arithmetic Average	76

Subjective description of sound climate at monitoring location

Dominated by continuous weir sound. Pedestrians walking past talking is audible. Power tools, woman playing with dog (measurement 1) and construction to the south of Felix Road. Use of playground audible in the distance. Motorised boats travelling along the river. Measurement 2 & 3, rowing school going up and down the river.

Weather Conditions

Moderately warm, occasional gusts.

Measurement Location: Spelthorn Borough Council	Measurement Location ID: CS0322
Coordinates: 506353, 168008	
Date of measurement: 20/04/2023	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
20/04/2023	13:42	72	77	54	92
20/04/2023	14:01	72	77	53	84
20/04/2023	15:03	74	78	55	86

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	73
L_{A10} Arithmetic Average	54
L_{A90} Arithmetic Average	77
L_{Amax} Arithmetic Average	87

Subjective description of sound climate at monitoring location
Road traffic noise on Littleton Lane, birdsong and trees rustling.
Weather Conditions
Fairly mild, overcast, slight breeze.

Measurement Location: Runnymede Borough Council	Measurement Location ID: MW0007
Coordinates: 514305, 169425	
Date of measurement: 04/05/2023	**Number of measurements:** 3

Measured Noise Levels

Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
04/05/2023	10:44	71	74	66	81
04/05/2023	11:19	71	73	65	88
04/05/2023	12:04	71	73	66	85

Overall calculated noise levels

Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	71
L_{A10} Arithmetic Average	65
L_{A90} Arithmetic Average	74
L_{Amax} Arithmetic Average	85

Subjective description of sound climate at monitoring location

Dominated by road traffic, air traffic and birdsong audible during quieter moments of road traffic.

Weather Conditions

Relatively cool, little to no wind.

Measurement Location: Elmbridge Borough Council	Measurement Location ID: SW0004
Coordinates: 510373, 168054	
Date of measurement: 20/04/2023	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
20/04/2023	10:17	60	62	54	81
20/04/2023	11:19	60	61	54	79
20/04/2023	12:07	60	62	54	83

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	60
L_{A10} Arithmetic Average	54
L_{A90} Arithmetic Average	62
L_{Amax} Arithmetic Average	81

Subjective description of sound climate at monitoring location

Dominated by continuous weir/river sound and birdsong. Traffic on Ford Bridge Road intermittent. Other audible noise sources included use of playground, pedestrians/park users, leave rustling, kayaker and air traffic.

Weather Conditions

Cool, gentle breeze.

Measurement Location: Elmbridge Borough Council	Measurement Location ID: MW0006
Coordinates: 514186, 169158	
Date of measurement: 17/04/2023	**Number of measurements:** 2

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
17/04/2023	15:16	55	56	45	78
17/04/2023	16:16	58	58	45	79
-	-	-	-	-	-

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	56
L_{A10} Arithmetic Average	45
L_{A90} Arithmetic Average	57
L_{Amax} Arithmetic Average	79

Subjective description of sound climate at monitoring location

Dominated by continuous A308 traffic and birdsong. Other audible noise sources included use of playground, pedestrians/park users, car park usage, trees rustling, dogs barking, helicopter pass.

Weather Conditions

Sunny, fairly warm.

Measurement Location: Elmbridge Borough Council	Measurement Location ID: CS0501
Coordinates: 514200, 166270	
Date of measurement: 19/04/2023	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
19/04/2023	14:45	62	66	44	81
19/04/2023	15:45	62	65	44	80
19/04/2023	16:45	62	64	45	85

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	62
L_{A10} Arithmetic Average	65
L_{A90} Arithmetic Average	44
L_{Amax} Arithmetic Average	82

Subjective description of sound climate at monitoring location
Dominated by road traffic, leaves rustling, train horn (distant), pedestrians (discussion), car reversing when present.
Weather Conditions
Sunny, light breeze, relatively warm.

Measurement Location: Elmbridge Borough Council	Measurement Location ID: CS0502
Coordinates: 513575, 166073	
Date of measurement: 19/04/2023	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
19/04/2023	14:51	56	58	47	78
19/04/2023	15:55	54	57	47	76
19/04/2023	16:57	59	54	47	92

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	56
L_{A10} Arithmetic Average	57
L_{A90} Arithmetic Average	47
L_{Amax} Arithmetic Average	82

Subjective description of sound climate at monitoring location
Dominated by road traffic and birdsong, otherwise tranquil. Other audible sources included children in the distance playing and dogs barking. Manual foot pump for tyres used in proximity of the measurement location at the beginning of measurement no. 2.
Weather Conditions
Sunny, light breeze, relatively warm.

Measurement Location: Runnymede	Measurement Location ID: CS0201
Coordinates: 502938, 170701	
Date of measurement: 9/12/2019	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
09/12/2019	11:04	57	57	52	80
09/12/2019	12:01	57	59	52	75
09/12/2019	13:45	61	63	51	79

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	58
L_{A10} Arithmetic Average	60
L_{A90} Arithmetic Average	52
L_{Amax} Arithmetic Average	78

Subjective description of sound climate at monitoring location

Noise climate is dominated by leisure activities at the sports field to the North when present and from the school to the North West. Some road traffic noise from the main road to the west, birds and pedestrian noise is also present. Aircraft noise is dominant when present.

Weather Conditions

Cold and Dry.

Measurement Location: Spelthorne	Measurement Location ID: CS0203
Coordinates: 503609, 170102	
Date of measurement: 9/12/2019	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
09/12/2019	14:18	59	61	55	78
09/12/2019	15:44	60	62	54	62
09/12/2019	16:00	56	57	54	67

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	58
L_{A10} Arithmetic Average	60
L_{A90} Arithmetic Average	54
L_{Amax} Arithmetic Average	69

Subjective description of sound climate at monitoring location

Noise climate dominated by road traffic from Chertsey Lane across the river to the North West. Aircraft noise dominant when present with two different flight paths. Birdsong, pedestrians and occasional boats are the only other noise sources.

Weather Conditions

Cold and Dry.

Measurement Location: Runnymede	Measurement Location ID: CS0204
Coordinates: 503355, 170052	
Date of measurement: 13/12/2019	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
13/12/2019	10:45	55	56	51	73
13/12/2019	11:00	54	54	51	72
13/12/2019	12:00	57	54	51	79

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	55
L_{A10} Arithmetic Average	55
L_{A90} Arithmetic Average	51
L_{Amax} Arithmetic Average	75

Subjective description of sound climate at monitoring location
Noise climate is dominated by aircraft noise when present. The survey location is on a private road, so road traffic and rail noises are minimal. Birds and trees rustling are frequent.
Weather Conditions
Cold and Dry.

Measurement Location: Runnymede	Measurement Location ID: CS0205
Coordinates: 503469, 169318	
Date of measurement: 13/12/2019	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
13/12/2019	10:45	55	58	50	73
13/12/2019	11:00	55	56	49	76
13/12/2019	12:00	56	54	48	78

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	56
L_{A10} Arithmetic Average	56
L_{A90} Arithmetic Average	49
L_{Amax} Arithmetic Average	76

Subjective description of sound climate at monitoring location

Noise climate dominated by loud aircraft when present. Trees rustling and birdsong always present. Road to the south has infrequent and quiet road traffic noise due to the distance and vegetation coverage between the survey location and the road.

Weather Conditions

Cold and Dry.

Measurement Location: Runnymede	Measurement Location ID: CS0206
Coordinates: 503702, 169126	
Date of measurement: 13/12/2019	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
13/12/2019	13:45	64	68	54	81
13/12/2019	14:00	64	68	54	81
13/12/2019	15:00	64	69	52	80

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	64
L_{A10} Arithmetic Average	68
L_{A90} Arithmetic Average	53
L_{Amax} Arithmetic Average	81

Subjective description of sound climate at monitoring location

Noise climate is dominated by road traffic on Coldharbour Lane. Aircraft is dominant when present. When there is an absence of road traffic or aircraft noise, trees rustling is the only other noise.

Weather Conditions

Cold and Dry.

Measurement Location: Runnymede	Measurement Location ID: CS0207
Coordinates: 504008, 168239	
Date of measurement: 18/12/2019	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
18/12/2019	10:41	75	79	65	85
18/12/2019	11:00	75	80	62	85
18/12/2019	12:00	76	80	73	86

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	75
L_{A10} Arithmetic Average	79
L_{A90} Arithmetic Average	66
L_{Amax} Arithmetic Average	85

Subjective description of sound climate at monitoring location

Noise climate dominated by continuous traffic on Staines Road A320. Aircraft noise also perceptible during low periods of traffic flow. Location is near Thorpe Park when it was not operating. It is not expected that this would affect the noise climate substantially as it is dominated by road traffic; however, if there is any variation, the conditions measured are expected to be worst case (i.e. lower) than during Thorpe Park operation.

Weather Conditions

Cold and Dry.

Measurement Location: Runnymede	Measurement Location ID: CS0208
Coordinates: 504334, 168475	
Date of measurement: 13/12/2019	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
13/12/2019	13:45	61	61	56	82
13/12/2019	14:00	60	62	56	78
13/12/2019	15:00	60	60	56	76

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	60
L_{A10} Arithmetic Average	61
L_{A90} Arithmetic Average	56
L_{Amax} Arithmetic Average	79

Subjective description of sound climate at monitoring location

Noise climate is dominated by aircraft noise when present. The survey location is at the end of road so road traffic noises are minimal but there is noise associated with the pedestrians walking past. Birds and trees rustling are frequent.

Weather Conditions

Cold and Dry.

Measurement Location: Runnymede	Measurement Location ID: CS0211
Coordinates: 504361, 167247	
Date of measurement: 18/12/2019	**Number of measurements:** 3

Measured Noise Levels

Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
18/12/2019	10:45	58	62	53	73
18/12/2019	11:00	54	56	52	65
18/12/2019	12:00	55	58	52	74

Overall calculated noise levels

Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	56
L_{A10} Arithmetic Average	59
L_{A90} Arithmetic Average	52
L_{Amax} Arithmetic Average	70

Subjective description of sound climate at monitoring location

Aircraft dominant when present. Road traffic minimal but dominant when present. Construction noise was minimal in surveys collected and only negligible effect on noise level. People walking past and constant birdsong were the only other noise sources.

Weather Conditions

Cold and Dry.

Measurement Location: Spelthorne	Measurement Location ID: CS0301
Coordinates: 507288, 167617	
Date of measurement: 17/09/2019	**Number of measurements:** 3

Measured Noise Levels

Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
17/09/2019	12:25	64	68	46	85
17/09/2019	13:00	57	60	42	80
17/09/2019	14:02	53	55	44	74

Overall calculated noise levels

Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	58
L_{A10} Arithmetic Average	61
L_{A90} Arithmetic Average	44
L_{Amax} Arithmetic Average	80

Subjective description of sound climate at monitoring location

Noise climate dominated by noise of children playing in school playground, trees rustling and very distant traffic on M3 motorway. Occasional aircraft overflight.

Weather Conditions

Warm and Dry.

Measurement Location: Spelthorne	Measurement Location ID: CS0304
Coordinates: 507724, 166573	
Date of measurement: 18/09/2019	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
18/09/2019	10:32	60	63	40	80
18/09/2019	11:07	59	57	38	85
18/09/2019	12:02	51	55	38	72

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	57
L_{A10} Arithmetic Average	58
L_{A90} Arithmetic Average	39
L_{Amax} Arithmetic Average	79

Subjective description of sound climate at monitoring location
Noise climate dominated by birds on the river, trees rustling and very occasional cars coming and going from the car park. Occasional overflight from jet aircraft departing London Heathrow.
Weather Conditions
Warm and Dry.

Measurement Location: Spelthorne	Measurement Location ID: CS0305
Coordinates: 507757, 167309	
Date of measurement: 02/10/2019	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
02/10/2019	10:04	59	61	53	77
02/10/2019	11:02	58	61	51	74
02/10/2019	12:00	58	60	53	71

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	58
L_{A10} Arithmetic Average	52
L_{A90} Arithmetic Average	61
L_{Amax} Arithmetic Average	74

Subjective description of sound climate at monitoring location

Noise climate dominated by continuous road traffic noise from M3. Occasional aircraft dominant when present. Other noise sources include intermittent road traffic on Manor Farm Avenue and nearby school during break times.

Weather Conditions

Warm and Dry.

Measurement Location: Spelthorne	Measurement Location ID: CS0306
Coordinates: 507366, 166269	
Date of measurement: 18/09/2019	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
18/09/2019	10:38	60	63	42	83
18/09/2019	11:00	60	63	42	83
18/09/2019	12:00	61	60	41	90

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	60
L_{A10} Arithmetic Average	62
L_{A90} Arithmetic Average	42
L_{Amax} Arithmetic Average	85

Subjective description of sound climate at monitoring location
Aircraft occasionally dominant with cars also along Ferry Lane and boat repair noise. Noise from the gym (not music) and pedestrian speech also present.
Weather Conditions
Warm and Dry.

Measurement Location: Elmbridge	Measurement Location ID: CS0307
Coordinates: 507870, 165900	
Date of measurement: 18/09/2019	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
18/09/2019	13:40	66	71	44	84
18/09/2019	14:02	69	73	44	89
18/09/2019	15:00	68	72	48	91

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	68
L_{A10} Arithmetic Average	72
L_{A90} Arithmetic Average	45
L_{Amax} Arithmetic Average	88

Subjective description of sound climate at monitoring location
Traffic, aircraft and lawnmower noise during the first two measurements.
Weather Conditions
Warm and Dry.

Measurement Location: Spelthorne	Measurement Location ID: CS0308
Coordinates: 508334, 166601	
Date of measurement: 18/09/2019	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
18/09/2019	13:32	54	54	42	78
18/09/2019	14:00	57	58	43	78
18/09/2019	15:02	53	57	42	70

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	54
L_{A10} Arithmetic Average	56
L_{A90} Arithmetic Average	43
L_{Amax} Arithmetic Average	75

Subjective description of sound climate at monitoring location

Noise climate dominated by trees rustling, occasional bird noise, overflight from jet aircraft from London Heathrow, occasional cars driving in and out of the cul-de-sac and some fairly quiet building work on two houses in the cul-de-sac.

Weather Conditions

Warm and Dry.

Measurement Location: Elmbridge	Measurement Location ID: CS0311
Coordinates: 508791, 166257	
Date of measurement: 19/09/2019	**Number of measurements:** 3

Measured Noise Levels

Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
19/09/2019	10:38	56	57	41	84
19/09/2019	11:43	55	58	41	73
19/09/2019	12:00	56	58	43	74

Overall calculated noise levels

Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	55
L_{A10} Arithmetic Average	58
L_{A90} Arithmetic Average	42
L_{Amax} Arithmetic Average	77

Subjective description of sound climate at monitoring location

Noise climate dominated by regular aircraft. Occasional road traffic on Walton Lane consisting of mostly cars, no HGVs. Traffic on Walton Lane mostly cars turning around off main road. Other noise sources include people walking by and fishing on river and occasional boat. Birdsong.

Weather Conditions

Warm and Dry.

Measurement Location: Spelthorne	Measurement Location ID: CS0312
Coordinates: 509207, 166540	
Date of measurement: 02/10/2019	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
02/10/2019	12:43	69	71	65	77
02/10/2019	13:00	69	71	65	86
02/10/2019	14:00	69	71	65	84

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	69
L_{A10} Arithmetic Average	71
L_{A90} Arithmetic Average	65
L_{Amax} Arithmetic Average	82

Subjective description of sound climate at monitoring location

Noise climate dominated by continuous traffic on A244 and Walton Lane. Jet wash from nearby car wash also contributing to noise levels. Occasional aircraft contributing to noise levels during periods of low traffic.

Weather Conditions

Warm and Dry.

Measurement Location: Spelthorne	Measurement Location ID: CS0313
Coordinates: 509481, 166737	
Date of measurement: 02/10/2019	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
02/10/2019	12:45	54	55	49	73
02/10/2019	13:01	55	57	49	71
02/10/2019	14:00	52	54	49	69

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	54
L_{A10} Arithmetic Average	55
L_{A90} Arithmetic Average	49
L_{Amax} Arithmetic Average	71

Subjective description of sound climate at monitoring location

Noise climate dominated by continuous distant traffic on A244 and Walton Lane, infrequent road traffic on Perry Lane and intermittent aircraft pass-bys. Also heard, tree rustling and intermittent domestic noise.

Weather Conditions

Warm and Dry.

Measurement Location: Elmbridge	Measurement Location ID: CS0314
Coordinates: 509623, 166499	
Date of measurement: 19/09/2019	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
19/09/2019	13:39	52	53	37	74
19/09/2019	14:00	55	55	39	80
19/09/2019	15:00	52	55	39	75

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	53
L_{A10} Arithmetic Average	54
L_{A90} Arithmetic Average	38
L_{Amax} Arithmetic Average	76

Subjective description of sound climate at monitoring location

Noise climate dominated by regular aircraft noise. River Mount Road (private) very quiet with very low traffic flow. Distant road traffic noise from Bridge Street audible at measurement location. Light distant construction noise present during measurement 1. Birdsong.

Weather Conditions

Warm and Dry.

Measurement Location: Elmbridge	Measurement Location ID: CS0315
Coordinates: 509530, 166357	
Date of measurement: 19/09/2019	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
19/09/2019	13:45	64	66	59	81
19/09/2019	14:00	64	66	59	86
19/09/2019	15:00	63	66	59	72

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	64
L_{A10} Arithmetic Average	66
L_{A90} Arithmetic Average	59
L_{Amax} Arithmetic Average	80

Subjective description of sound climate at monitoring location
Road traffic dominant with aircraft audible and birds and pedestrians occasionally just audible.
Weather Conditions
Warm and Dry.

Measurement Location: Elmbridge	Measurement Location ID: CS0316
Coordinates: 509385, 166103	
Date of measurement: 19/09/2019	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
19/09/2019	10:47	75	79	62	87
19/09/2019	11:02	75	78	63	102
19/09/2019	12:01	75	78	63	92

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	75
L_{A10} Arithmetic Average	78
L_{A90} Arithmetic Average	63
L_{Amax} Arithmetic Average	93

Subjective description of sound climate at monitoring location

Road traffic dominant with aircraft occasionally audible.

Weather Conditions

Cold and Dry.

Measurement Location: Elmbridge	Measurement Location ID: MW0004
Coordinates: 515169, 168390	
Date of measurement: 20/09/2019	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
20/09/2019	13:42	66	69	52	85
20/09/2019	14:19	66	70	52	79
20/09/2019	15:00	67	70	56	80

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	66
L_{A10} Arithmetic Average	70
L_{A90} Arithmetic Average	53
L_{Amax} Arithmetic Average	81

Subjective description of sound climate at monitoring location
Road traffic noise present from Hurst Road, occasional aircraft.
Weather Conditions
Warm and Dry.

Measurement Location: Elmbridge	Measurement Location ID: SW0001
Coordinates: 510539, 168048	
Date of measurement: 20/09/2019	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
20/09/2019	13:34	58	59	57	70
20/09/2019	14:04	60	60	57	78
20/09/2019	15:00	60	61	57	77

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	59
L_{A10} Arithmetic Average	60
L_{A90} Arithmetic Average	57
L_{Amax} Arithmetic Average	75

Subjective description of sound climate at monitoring location
Noise climate dominated by continuous water flowing over weir in Thames. Regular aircraft pass-bys dominant when present. Very low traffic flow on waterside drive. Distant leisure noise from nearby athletics club. Birdsong.
Weather Conditions
Warm and Dry.

Measurement Location: Spelthorne	Measurement Location ID: SW0002
Coordinates: 510433, 168252	
Date of measurement: 20/09/2019	**Number of measurements:** 3

Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
20/09/2019	10:37	66	69	56	83
20/09/2019	11:15	65	69	56	78
20/09/2019	12:00	66	69	57	83

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	65
L_{A10} Arithmetic Average	69
L_{A90} Arithmetic Average	56
L_{Amax} Arithmetic Average	81

Subjective description of sound climate at monitoring location
Continuous road traffic on Thames Street dominant. Regular aircraft pass-bys. Occasional pedestrians walking by. Birdsong.
Weather Conditions
Warm and Dry.

Measurement Location: Spelthorne	Measurement Location ID: SW0003
Coordinates: 510282, 168334	
Date of measurement: 20/09/2019	**Number of measurements:** 3

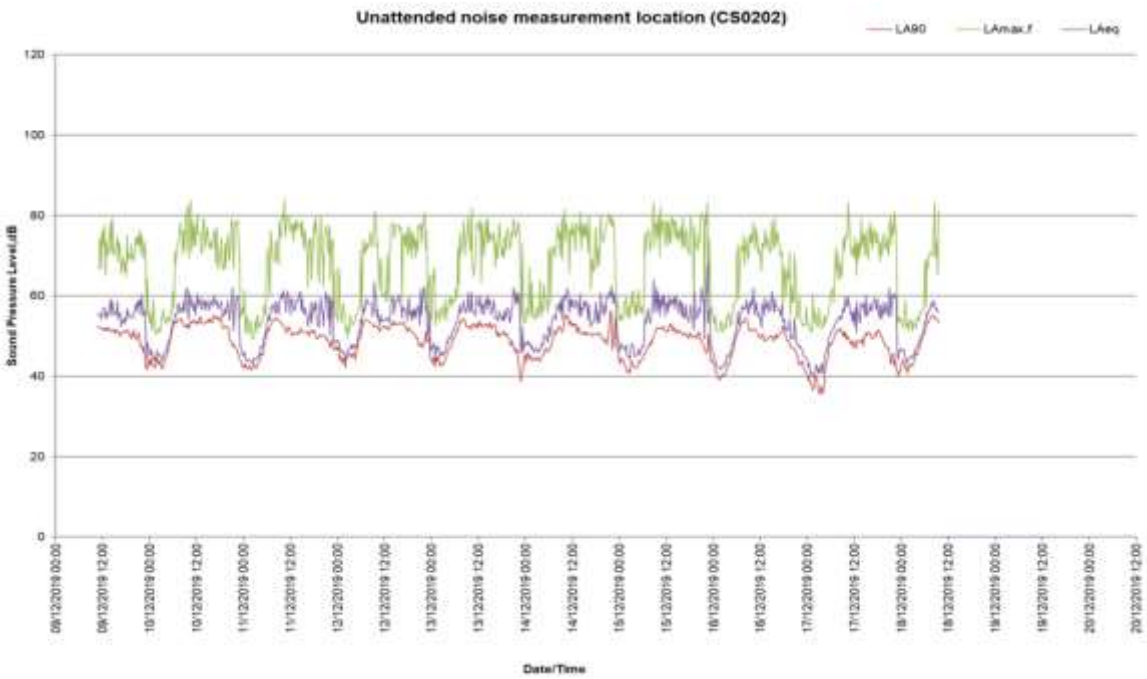
Measured Noise Levels					
Date	Time	L_{Aeq}	L_{A10}	L_{A90}	L_{Amax}
20/09/2019	10:40	57	57	40	83
20/09/2019	11:00	55	56	41	76
20/09/2019	12:00	57	57	42	77

Overall calculated noise levels	
Information	Sound Level dB(A)
L_{Aeq} Arithmetic Average	56
L_{A10} Arithmetic Average	57
L_{A90} Arithmetic Average	41
L_{Amax} Arithmetic Average	79

Subjective description of sound climate at monitoring location
Aircraft and occasional road traffic from Montford Road.
Weather Conditions
Warm and Dry.

Measurement Location: Runnymede	Measurement Location ID: CS0202
Coordinates: 503484, 170210	
Date of measurement: 09/12/2019	**Unattended measurement**

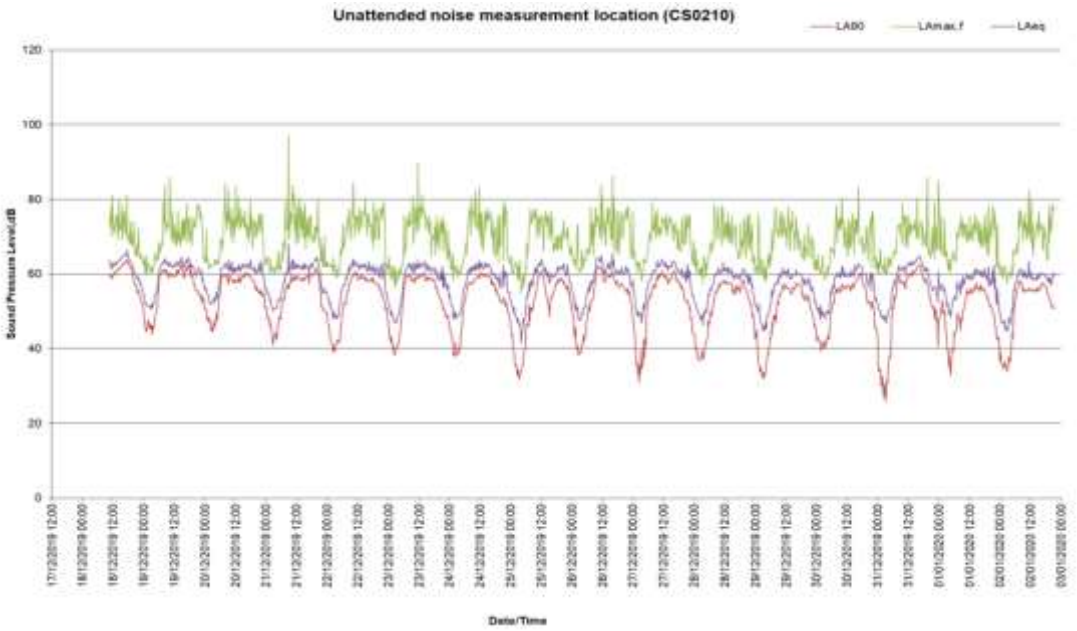
Measurement Time History



Measurement Location: Runnymede			Measurement Location ID: CS0202		
Measured Noise Levels					
$L_{Aeq, 0700-1900}$	$L_{Aeq, 1900-2300}$	$L_{Aeq, 2300-0700}$	$L_{Aeq, 0700-23:00}$		
57	49	49	58		
Typical $L_{Amax, 0700-1900}$	Typical $L_{Amax, 1900-2300}$	Typical $L_{Amax, 2300-0700}$	Typical Min $L_{A90, 0700-1900}$	Typical Min $L_{A90, 1900-2300}$	Typical Min $L_{A90, 2300-0700}$
78	79	64	50	44	40
Subjective description of sound climate at monitoring location					
Noise climate dominated by road traffic from Chertsey Lane to the north west. Aircraft noise dominant when present with two different flight paths. Birdsong and occasional boats are the only other noise sources. Upon collection of the meter all noise sources were the same and the meter showed no sign of disturbance.					
Weather Conditions					
No data is considered to have been adversely affected by rain or wind, so no data has been excluded.					

Measurement Location: Runnymede	Measurement Location ID: CS0210
Coordinates: 503961, 167505	
Date of measurement: 18/12/2019	**Unattended measurement**

Measurement Time History

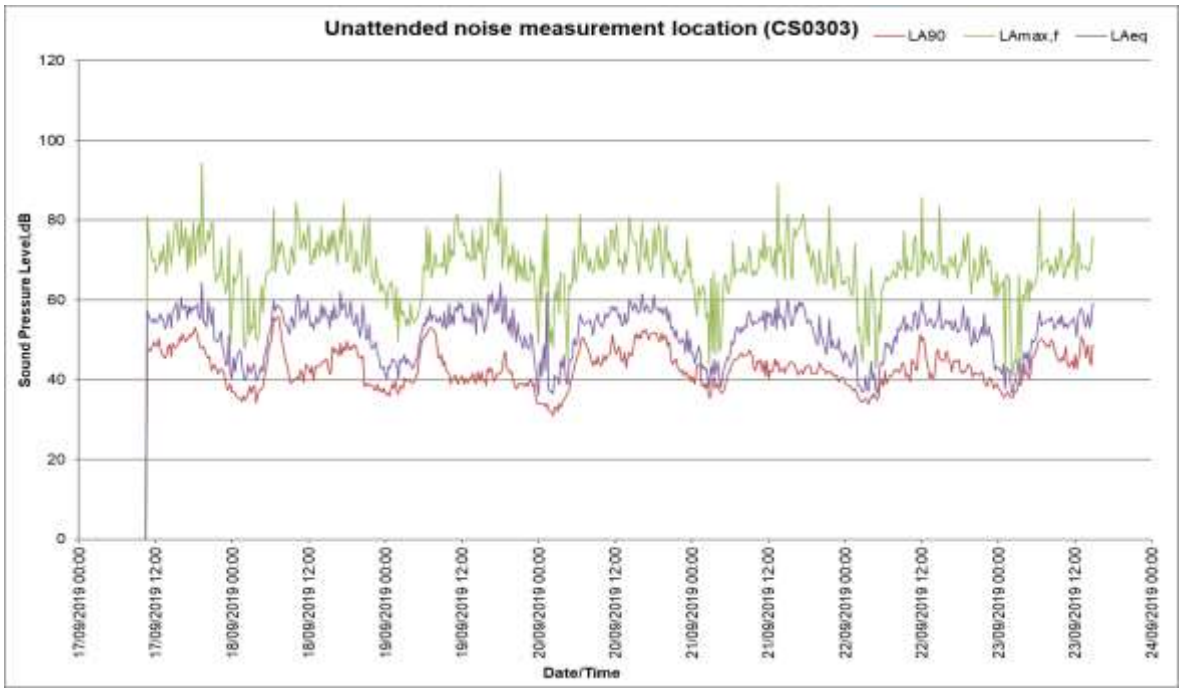


Measurement Location: Runnymede			Measurement Location ID: CS0210		
Measured Noise Levels					
$L_{Aeq, 0700-1900}$	$L_{Aeq, 1900-2300}$	$L_{Aeq, 2300-0700}$	$L_{Aeq, 0700-23:00}$		
61	61	55	62		
Typical $L_{Amax, 0700-1900}$	Typical $L_{Amax, 1900-2300}$	Typical $L_{Amax, 2300-0700}$	Typical Min $L_{A90, 0700-1900}$	Typical Min $L_{A90, 1900-2300}$	Typical Min $L_{A90, 2300-0700}$
78	76	66	55	52	40

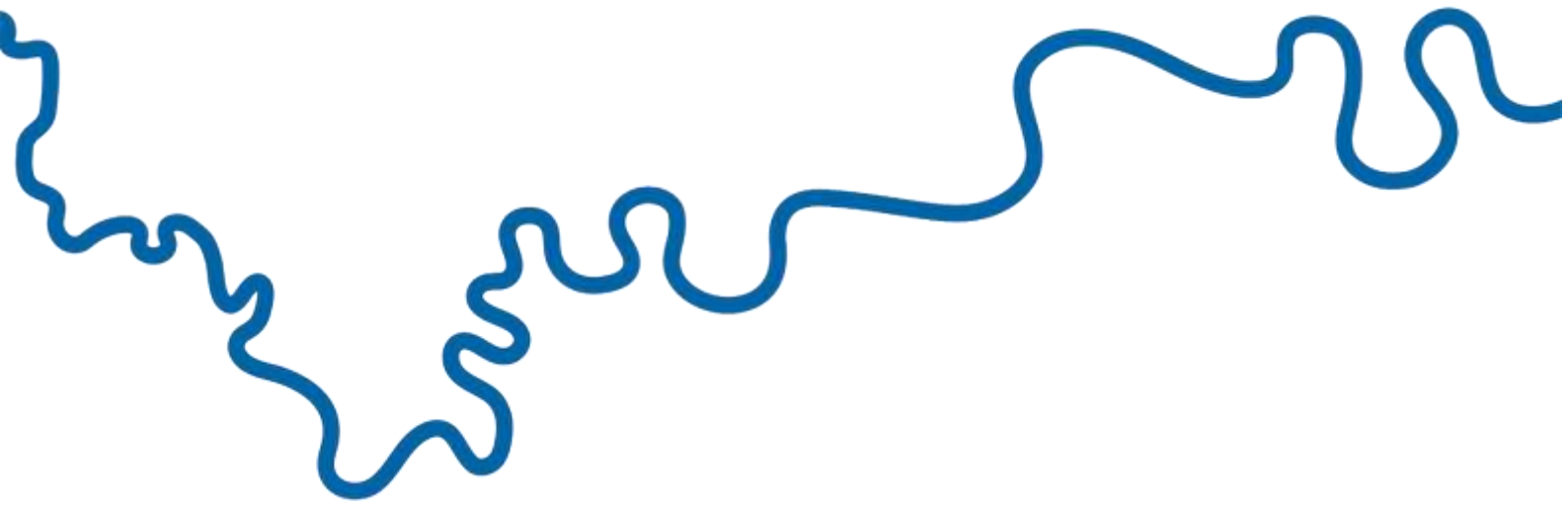
Subjective description of sound climate at monitoring location
Noise climate dominated by proximity to M3 motorway to the north. Garden is fully fenced so screening is an issue, but meter placed away from the fence that is screening the noise from the road and 1m away from the western façade. Aircraft is dominant when present despite proximity to the road and birdsong can be heard in periods of reduced traffic. Upon collection of the meter all noise sources were the same and the meter showed no sign of disturbance.
Weather Conditions
No data is considered to have been adversely affected by rain or wind, so no data has been excluded.

Measurement Location: Spelthorne	Measurement Location ID: CS0303
Coordinates: 503961, 167505	
Date of measurement: 17/09/2019	**Unattended measurement**

Measurement Time History



Measurement Location: Spelthorne			Measurement Location ID: CS0303		
Measured Noise Levels					
$L_{Aeq, 0700-1900}$	$L_{Aeq, 1900-2300}$	$L_{Aeq, 2300-0700}$	$L_{Aeq, 0700-23:00}$		
56	53	48	56		
Typical $L_{Amax, 0700-1900}$	Typical $L_{Amax, 1900-2300}$	Typical $L_{Amax, 2300-0700}$	Typical Min $L_{A90, 0700-1900}$	Typical Min $L_{A90, 1900-2300}$	Typical Min $L_{A90, 2300-0700}$
77	75	70	35	39	34
Subjective description of sound climate at monitoring location					
Noise climate dominated by rustling trees, birds, and traffic on Chertsey Road. No rail audible. Occasional overflight by jet aircraft. Upon collection of the meter all noise sources were the same and the meter showed no sign of disturbance.					
Weather Conditions					
No data is considered to have been adversely affected by rain or wind, so no data has been excluded.					



The River Thames Scheme represents a new landscape-based approach to creating healthier, more resilient and more sustainable communities by reducing the risk of flooding and creating high quality natural environments.