

Tween Bridge Solar Farm

Environmental Statement

Appendix 13.1: Baseline Noise Survey Report

Planning Act 2008

Infrastructure Planning (Applications: Prescribed Forms
and Procedure) Regulations 2009

APFP Regulation 5(2)(a)

Document Reference: 6.3.13.1

August 2025

Revision 1



TWEEN BRIDGE SOLAR FARM

BASELINE NOISE SURVEY REPORT

Acoustics Report A1972 R01a

August 2025

Report to:	Pegasus Group
Report for:	RWE
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1 Introduction

Ion Acoustics has been appointed by Pegasus Group to carry out a baseline noise survey as part of a wider noise impact assessment to accompany the DCO application for the proposed Tween Bridge Solar Farm.

The scope of this report is as follows:

- To establish the existing baseline sound climate at eight selected locations across the Order Limits;
- To report the results of the environmental noise survey; and,
- Based on the results of the environmental noise survey, derive typical background sound levels for locations representing the closest noise sensitive receptor locations.

This report is presented as an Appendix to **ES Chapter 13 Noise and Vibration [Document Reference 6.2.13]** which forms part of the wider Environmental Impact Assessment report for the Scheme.

2 Project Details

2.1 Scheme Details

As stated in **ES Chapter 1 Introduction [Document Reference 6.1.1]**:

'The Scheme is located within the Yorkshire and Humber regions. The Scheme straddles the administrative boundaries of Doncaster Council and North Lincolnshire Council. At a local level, the Scheme is located on land east of Thorne; south of Tween Bridge Moors; west of Crowle; north and northwest of Sandtoft & Sandtoft Industrial Estate; north of Hatfield Moors; and northeast of Hatfield. The Scheme is located on land either side of the M180, High Level Banks (the A18) and the Stainforth and Keadby Canal.'

ES Chapter 2 Scheme Description [Document Reference 6.1.2] states:

The main element of the Scheme is the construction, operation, maintenance and decommissioning of a ground mounted solar farm with an intended design capacity of over 50MWp (megawatts peak), and battery energy storage system (BESS). Based on a wattage output of 610Wp (watt power) panel, the potential maximum range for energy generation is around 1250 MWp of direct current (DC) capacity. This would equate to around 800 MW of alternating current (AC) capacity.

3 Planning Policy and Relevant Guidance on Noise

Relevant Planning Policies and Industry guidance are set out in **ES Chapter 13 Noise and Vibration [Document Reference 6.2.13]**.

3.1 Consultation

Consultation was undertaken with the environmental health departments at both the City of Doncaster Council and North Lincolnshire Council. It was agreed that the proposed eight measurements positions and proposed measurement duration of one week were acceptable.

4 Noise Survey

The baseline noise monitoring survey was carried out between January and February 2024 to determine the existing noise climate across the Order Limits, at locations representing the closest noise sensitive receptor locations.

4.1 Survey Details

The survey was undertaken from 18/01/2024 to 24/01/2024 at locations MP2, MP3, MP4, MP5 and MP6 and from 25/02/2024 to 01/02/2024 for locations MP1, MP7 and MP8.

Measurements at all locations were made in consecutive 15-minute periods in L_{Aeq} , L_{A90} and L_{AMax} parameters.

Various sound level meters were used and in all instances the microphone and windshield were mounted to a height of between 1.2 to 1.5 metres above ground level in free-field conditions. Field calibrations of the equipment were performed before and after the measurements with no significant drift recorded. Calibration certificates are available upon request.

4.2 Measurement Locations

The noise survey was undertaken at eight measurement locations across the Order Limits. The locations were considered representative of the closest noise sensitive receptors.

Figure 13.2 Noise Monitoring Locations [Document Reference 6.4.13.2] presents the baseline noise monitoring locations. These are described in further detailed in Table 1 below. Photos of the measurement positions are provided in Appendix B of this report.

Table 1 Environmental Noise Survey Measurement Locations

Measurement Location	Description	OS Grid Co-ordinates	
		Easting	Northing
MP1	The sound level meter was located to the north-east boundary of the Order Limits, adjacent to Marsh Road, approximately 800m to the west of Crowle and approximately 800m to the north of the canal and railway line.	476104	412609
MP2	The sound level meter was located on the eastern boundary of the east section of the Scheme. It was located approximately 70 m to the south of the A18 and 1km to the north of the M180 motorway.	474420	410625
MP3	The sound level meter was located in the central south section of the Order Limits approximately 180m from the M180 motorway.	473019	409275
MP4	The sound level meter was located in the south central area of the Scheme approximately 300m to the north of the M180.	471003	409743
MP5	The sound level meter was located in the west and central area of the Order Limits further from the M180 motorway though approximately 30m to the south of the A18.	471475	410719
MP6	The sound level meter was located in the western part of the developed approximately 300 m to the north of Clay Bank Road and 580 m to the east of the residential dwellings on the edge of Thorne, on St Georges Road.	470097	412221
MP7	The sound level meter was located in the north-west section of the Scheme approximately 550 m to the west of the residential dwellings on Moor Lane on the northern outskirts of Thorne and 380m to the south of residential dwellings on Barnsley Road.	469687	414787
MP8	The sound level meter was located in the north-east section of the Scheme approximately 400m to the north of the Stainforth & Keadby Canal and some 1.5m east of the M18 motorway.	474998	412532

4.3 Meteorological Conditions

A Davis Vantage Vue weather station was installed at position MP6 from 18/01/2024 – 24/01/2024 and at MP8 from the 25/01/2024 to 01/02/2024. This recorded the prevailing meteorological conditions during the survey period including wind speed, direction, rainfall and ambient air temperature.

Weather conditions during the survey were variable with periods of both high wind and rain recorded. Unsuitable weather conditions were noted from 20/01/2024 – 24/01/2024 due to high wind speeds. These unsuitable periods have been excluded from the assessment of the survey results. Full weather logging data can be provided on request.

4.4 Environmental Sound Climate

In addition to the noise data, the monitoring equipment was set to record two-minute audio files during each ten-minute period. This allowed for subsequent playback and sound source identification at some locations. Based on observations made at the beginning and end of the survey period, and analysis of the audio recordings, the noise climate is primarily dominated by vehicle movements on the local road network. Train movements were heard at positions MP6 and MP8. Noise associated with wildlife was present all across the site, occasional plane flyovers were also heard.

4.5 Assumptions/Limitations

The survey was carried out over a one-week period at each location in variable weather conditions. Data recorded during adverse weather conditions (rain and winds in excess of 5m/s) has been excluded from the assessments of baseline noise levels. No unusual conditions were recorded during the set up and collection periods in terms of the sound climate. Therefore, the survey is thought to be reasonably representative of the prevailing noise climate across the Order Limits and at the identified receptor locations.

4.6 Summary of Survey Results

The results of the survey are summarised in **Table 2** to **Table 9** below. The results for each location, over the entire survey period are presented as time history charts in Appendix C of this document.

To determine the typical background values, the integer L_{A90} values have been plotted as histograms to determine the mode (the most frequently occurring value). The summary statistical histograms for the overall periods are provided in Appendix D. The L_{Aeq} results have been logarithmically averaged over the appropriate period.

The full data for each measurement position is presented in Appendix E.

Table 2: Summary of Measured Noise Levels – MP1

Date	Period	Measured Noise Levels dB(A)	
		L _{Aeq}	Typical L _{A90}
Thursday 25/01/24	Daytime (10:45 – 23:00)	46	37
	Night-time (23:00 – 07:00)	N/A*	N/A*
Friday 26/01/24	Daytime (07:00 – 23:00)	51	35
	Night-time (23:00 – 07:00)	39	33
Saturday 27/01/24	Daytime (07:00 – 23:00)	43	35
	Night-time (23:00 – 07:00)	37	34
Sunday 28/01/24	Daytime (07:00 – 23:00)	44	35
	Night-time (23:00 – 07:00)	41	32
Monday 29/01/24	Daytime (07:00 – 23:00)	49	35
	Night-time (23:00 – 07:00)	38	32
Tuesday 30/01/24	Daytime (07:00 – 23:00)	43	34
	Night-time (23:00 – 07:00)	40	31
Overall (25/01/24 – 31/01/24)	Daytime (07:00 – 23:00)	46	37
	Night-time (23:00 – 07:00)	39	33

* Data excluded due to adverse wind and rain.

Table 3: Summary of Measured Noise Levels – MP2

Date	Period	Measured Noise Levels dB(A)	
		L _{Aeq}	Typical L _{A90}
Thursday 18/01/24	Daytime (07:00 – 23:00)	57	48
	Night-time (23:00 – 07:00)	50	32
Friday 19/01/24	Daytime (07:00 – 23:00)	56	50
	Night-time (23:00 – 07:00)	48	39
Saturday 20/01/24	Daytime (07:00 – 23:00)	55	49
	Night-time (23:00 – 07:00)	52	44
Overall (18/01/24 – 24/01/24)	Daytime (07:00 – 23:00)	56	48
	Night-time (23:00 – 07:00)	50	41

Table 4: Summary of Measured Noise Levels – MP3

Date	Period	Measured Noise Levels dB(A)	
		L _{Aeq}	Typical L _{A90}
Thursday 18/01/24	Daytime (07:00 – 23:00)	63	58
	Night-time (23:00 – 07:00)	60	41
Friday 19/01/24	Daytime (07:00 – 23:00)	64	59
	Night-time (23:00 – 07:00)	58	41
Saturday 20/01/24	Daytime (07:00 – 23:00)	63	58
	Night-time (23:00 – 07:00)	58	41
Overall (18/01/24 – 24/01/24)	Daytime (07:00 – 23:00)	63	57
	Night-time (23:00 – 07:00)	58	42

Table 5: Summary of Measured Noise Levels – MP4

Date	Period	Measured Noise Levels dB(A)	
		L _{Aeq}	Typical L _{A90}
Thursday 18/01/24	Daytime (07:00 – 23:00)	56	51
	Night-time (23:00 – 07:00)	57	41
Friday 19/01/24	Daytime (07:00 – 23:00)	61	55
	Night-time (23:00 – 07:00)	53	42
Saturday 20/01/24	Daytime (07:00 – 23:00)	58	53
	Night-time (23:00 – 07:00)	52	42
Overall (18/01/24 – 24/01/24)	Daytime (07:00 – 23:00)	59	53
	Night-time (23:00 – 07:00)	54	42

Table 6: Summary of Measured Noise Levels – MP5

Date	Period	Measured Noise Levels dB(A)	
		L _{Aeq}	Typical L _{A90}
Thursday 18/01/24	Daytime (07:00 – 23:00)	59	47
	Night-time (23:00 – 07:00)	54	36
Friday 19/01/24	Daytime (07:00 – 23:00)	59	50
	Night-time (23:00 – 07:00)	50	40
Saturday 20/01/24	Daytime (07:00 – 23:00)	58	49
	Night-time (23:00 – 07:00)	51	43
Overall (18/01/24 – 24/01/24)	Daytime (07:00 – 23:00)	59	46
	Night-time (23:00 – 07:00)	52	40

Table 7: Summary of Measured Noise Levels – MP6

Date	Period	Measured Noise Levels dB(A)	
		L _{Aeq}	Typical L _{A90}
Thursday 18/01/24	Daytime (07:00 – 23:00)	44	41
	Night-time (23:00 – 07:00)	41	33
Friday 19/01/24	Daytime (07:00 – 23:00)	46	44
	Night-time (23:00 – 07:00)	39	34
Saturday 20/01/24	Daytime (07:00 – 23:00)	44	43
	Night-time (23:00 – 07:00)	42	37
Overall (18/01/24 – 24/01/24)	Daytime (07:00 – 23:00)	45	40
	Night-time (23:00 – 07:00)	41	34

Table 8: Summary of Measured Noise Levels – MP7

Date	Period	Measured Noise Levels dB(A)	
		L _{Aeq}	Typical L _{A90}
Thursday 25/01/24	Daytime (07:00 – 23:00)	42	38
	Night-time (23:00 – 07:00)	N/A*	N/A*
Friday 26/01/24	Daytime (07:00 – 23:00)	41	34
	Night-time (23:00 – 07:00)	34	31
Saturday 27/01/24	Daytime (07:00 – 23:00)	37	32
	Night-time (23:00 – 07:00)	34	30
Sunday 28/01/24	Daytime (07:00 – 23:00)	38	33
	Night-time (23:00 – 07:00)	35	29
Monday 29/01/24	Daytime (07:00 – 23:00)	36	33
	Night-time (23:00 – 07:00)	32	26
Tuesday 30/01/24	Daytime (07:00 – 23:00)	37	32
	Night-time (23:00 – 07:00)	37	28
Overall (25/01/24 – 31/01/24)	Daytime (07:00 – 23:00)	38	34
	Night-time (23:00 – 07:00)	35	32

* Data excluded due to adverse wind and rain.

Table 9: Summary of Measured Noise Levels – MP8

Date	Period	Measured Noise Levels dB(A)	
		L _{Aeq}	Typical L _{A90}
Thursday 25/01/24	Daytime (07:00 – 23:00)	49	41
	Night-time (23:00 – 07:00)	N/A*	N/A*
Friday 26/01/24	Daytime (07:00 – 23:00)	49	37
	Night-time (23:00 – 07:00)	46	32
Saturday 27/01/24	Daytime (07:00 – 23:00)	46	39
	Night-time (23:00 – 07:00)	36	33
Sunday 28/01/24	Daytime (07:00 – 23:00)	47	37
	Night-time (23:00 – 07:00)	47	32
Monday 29/01/24	Daytime (07:00 – 23:00)	48	36
	Night-time (23:00 – 07:00)	44	32
Tuesday 30/01/24	Daytime (07:00 – 23:00)	46	34
	Night-time (23:00 – 07:00)	46	29
Overall (25/01/24 – 31/01/24)	Daytime (07:00 – 23:00)	47	36
	Night-time (23:00 – 07:00)	44	32

* Data excluded due to adverse wind and rain.

5 Noise Sensitive Receptors

The noise sensitive receptors used within these assessments are presented in **Table 13-9** and **Table 13-10** of **ES Chapter 13 Noise and Vibration [Document Reference 6.2.13]**. This includes Ordnance Survey grid references and approximate distances to the boundary of the Scheme. The locations are also identified on **Figure 13-1 [Document Reference 6.4.13.1]**.

6 Assessment Criteria

6.1 Proposed Noise Limits

Based on the results of the environmental sound surveys and the guidance set out in relevant planning guidance, Table 10 sets out the noise limits that are proposed at the identified receptors.

Table 10: Proposed Noise Limits at the Identified Noise Sensitive Receptors.

Monitoring Position	Relevant Locations	Assessment Period	Typical Background Sound Level, L_{A90} , dB
MP1	AL20, AL21, AL22	Daytime	37
		Night	33
MP2	AL18, AL19	Daytime	48
		Night	41
MP3	AL14, AL15, AL16, AL17	Daytime	57
		Night	42
MP4	AL10, AL11	Daytime	53
		Night	42
MP5	AL08, AL09, AL12, AL13, Her01, Her02, Her03, Her04, Her05	Daytime	46
		Night	40
MP6	AL04, AL05, AL06, AL07	Daytime	40
		Night	34
MP7	AL01, AL02, AL03	Daytime	34
		Night	32
MP8	AL23	Daytime	36
		Night	32

The typical background sound levels are derived from analysis of the measured noise data. The resultant noise limits are typically set in terms of the BS 4142 rating level $dB L_{Ar}$. This is the noise level at the receptor location plus any character correction applicable in accordance with BS 4142 for tonality etc.

7 Summary

This report sets out the results of the baseline noise survey undertaken as part of the Noise and Vibration assessments for the Tween Bridge Solar Farm set out in **ES Chapter 13 Noise and Vibration [Document Reference 6.2.13]**.

Based on the results of the noise survey, assessment criteria have been defined in accordance with the relevant guidance.

Appendix A – Environmental Noise Survey Instrumentation
Tween Bridge Solar Farm
Baseline Noise Survey Report

Appendix A - Environmental Sound Survey Instrumentation

Description	Manufacturer	Type	Serial Number	Laboratory Calibration Date	Next Calibration Date
Sound Level Meter	Rion	NL-52	420770	06/10/2023	06/10/2025
Pre-amplifier		UC-59	5738		
Sound Level Meter		NL-52	1032453	18/05/2022	18/05/2024
Pre-amplifier		UC-59	5845		
Sound Level Meter		NL-52	242711	22/07/22	22/07/24
Pre-amplifier		UC-59	6194		
Sound Level Meter	Larson Davis	LD820	1720	05/09/2022	05/09/2024
Pre-amplifier		LD828	2686		
Sound Level Meter		LD820	1721	05/09/2022	05/09/2024
Pre-amplifier		LD828	1724		
Calibrator	B&K	Type 4231	3010847	06/12/2023	06/12/2024

Appendix B – Environmental Noise Survey Photos
Tween Bridge Solar Farm
Baseline Noise Survey Report

Appendix B – Photos of Measurement Positions

MP1



Appendix B – Environmental Noise Survey Photos
Tween Bridge Solar Farm
Baseline Noise Survey Report

MP2



MP3



Appendix B – Environmental Noise Survey Photos
Tween Bridge Solar Farm
Baseline Noise Survey Report

MP4



Appendix B – Environmental Noise Survey Photos
Tween Bridge Solar Farm
Baseline Noise Survey Report

MP5



MP6



Appendix B – Environmental Noise Survey Photos
Tween Bridge Solar Farm
Baseline Noise Survey Report

MP7



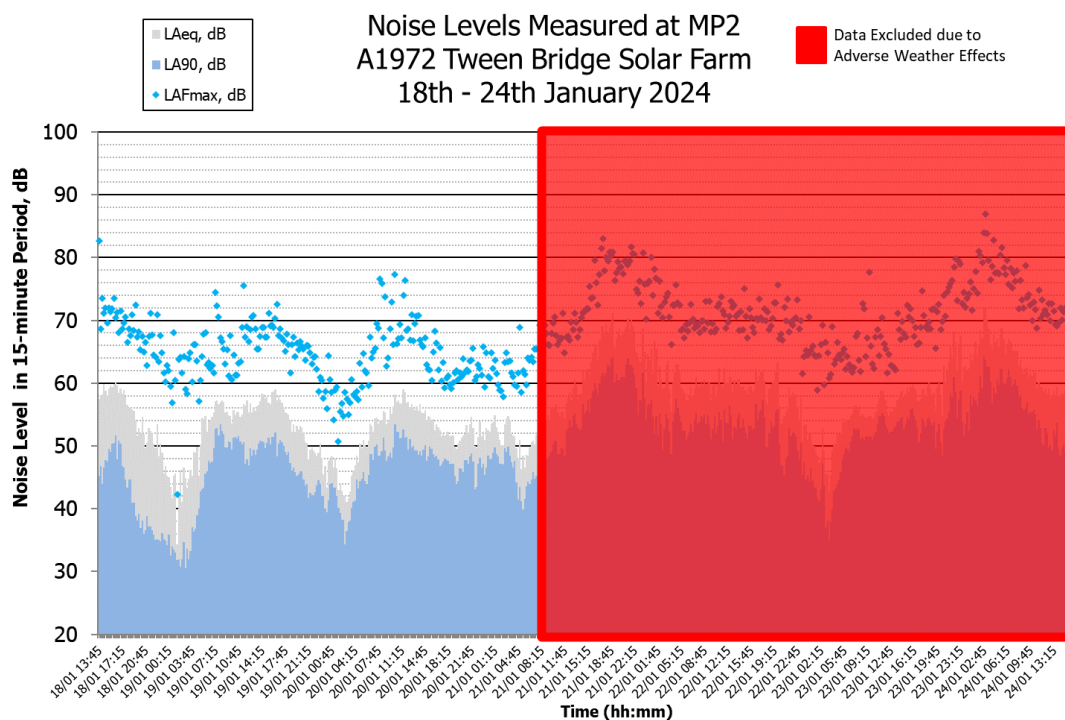
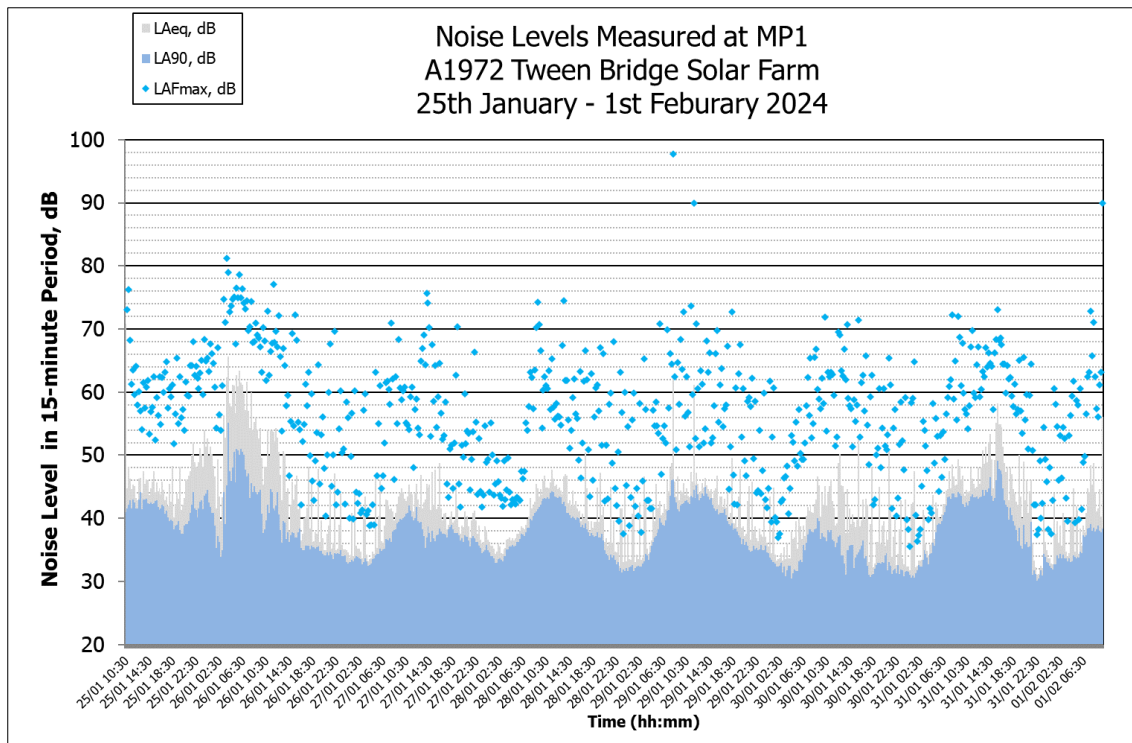
Appendix B – Environmental Noise Survey Photos
Tween Bridge Solar Farm
Baseline Noise Survey Report

MP8

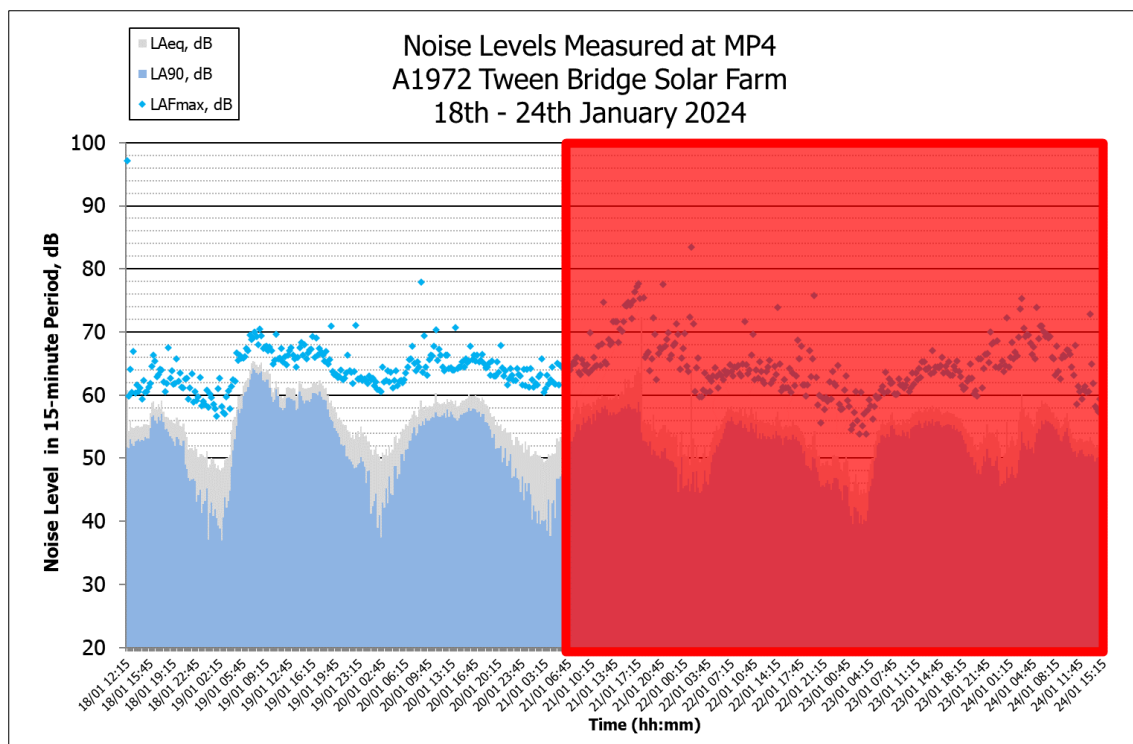
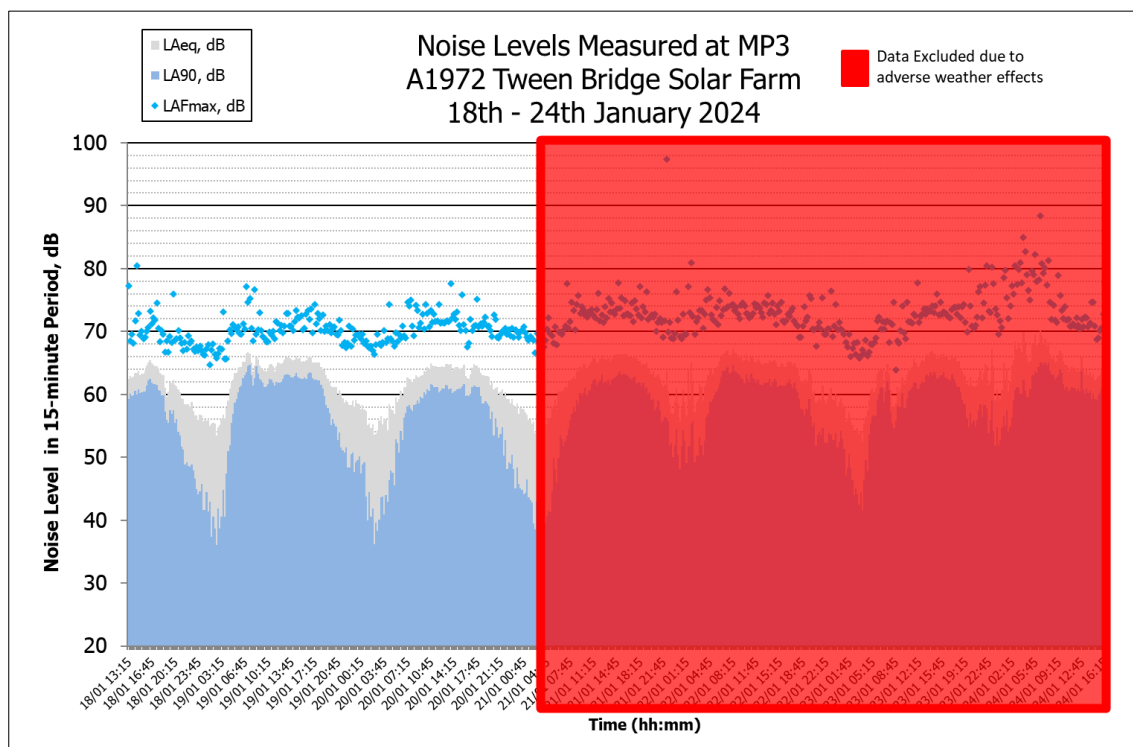


Appendix C – Environmental Noise Survey Time History Graphs Tween Bridge Solar Farm Baseline Noise Survey Report

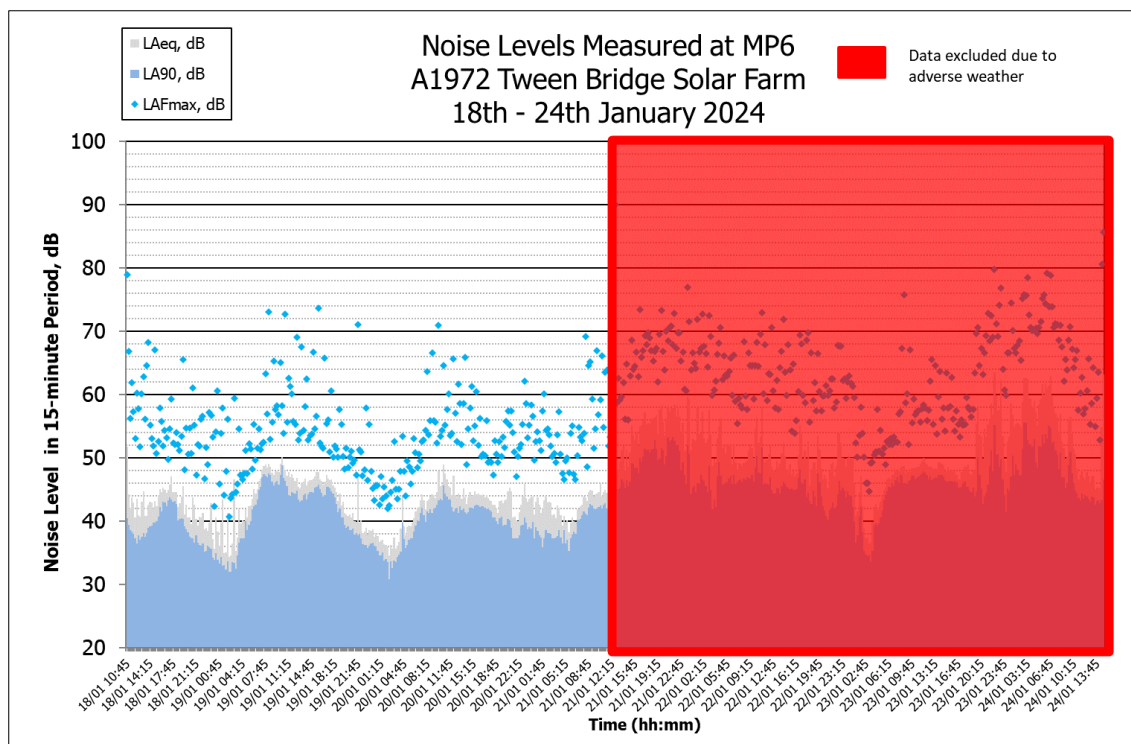
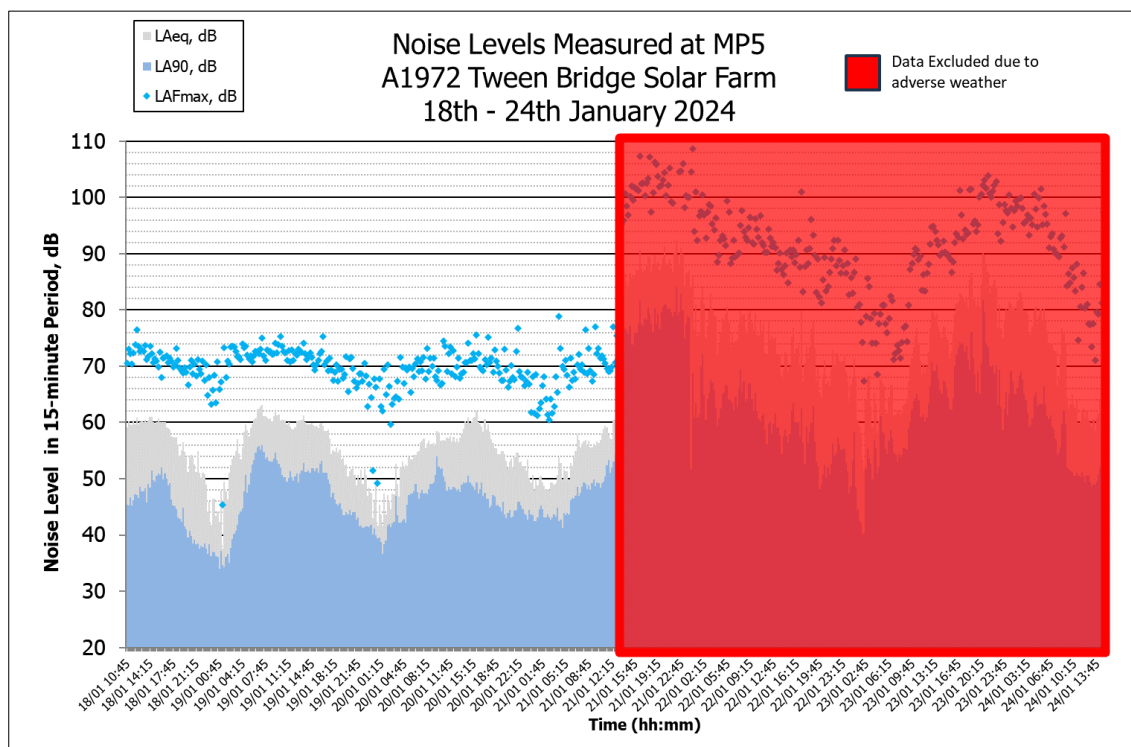
Appendix C – Time History Charts



Appendix C – Environmental Noise Survey Time History Graphs Tween Bridge Solar Farm Baseline Noise Survey Report



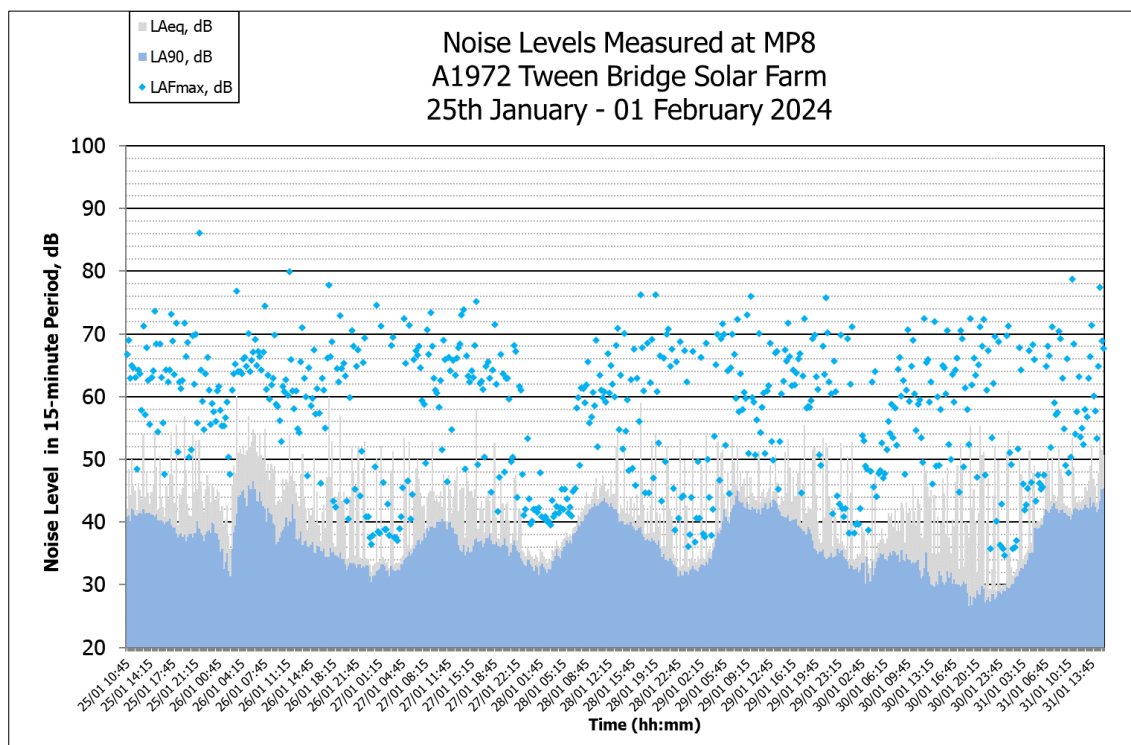
Appendix C – Environmental Noise Survey Time History Graphs Tween Bridge Solar Farm Baseline Noise Survey Report



Appendix C – Environmental Noise Survey Time History Graphs

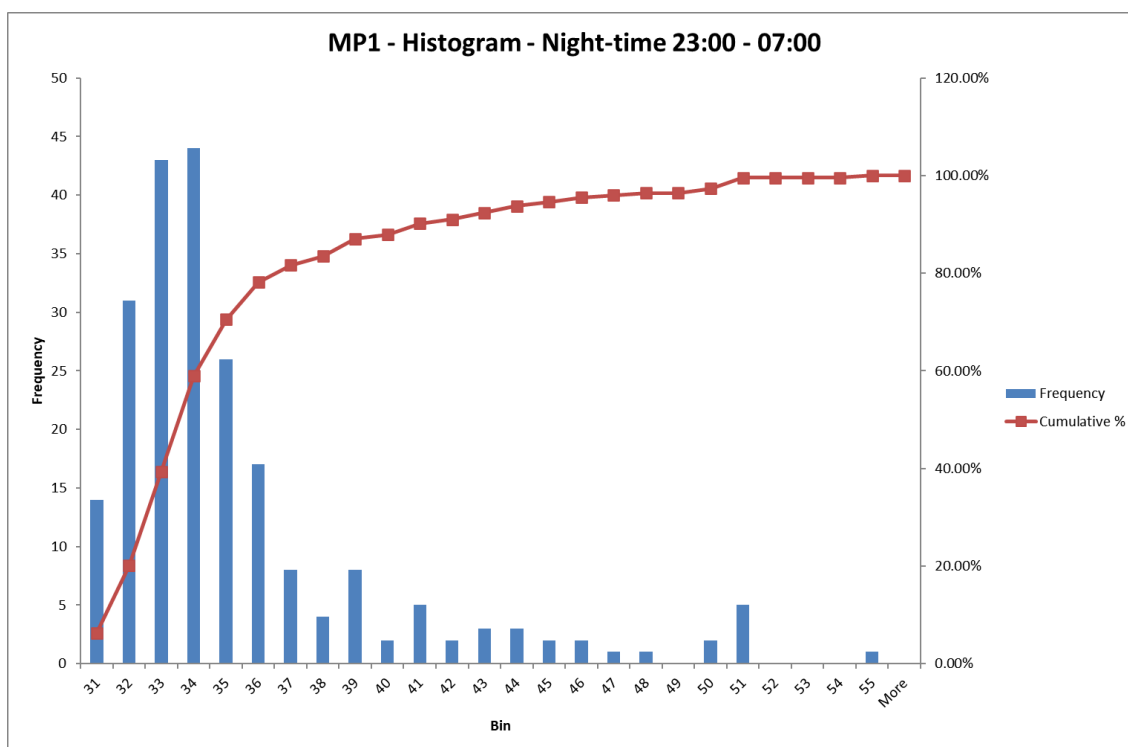
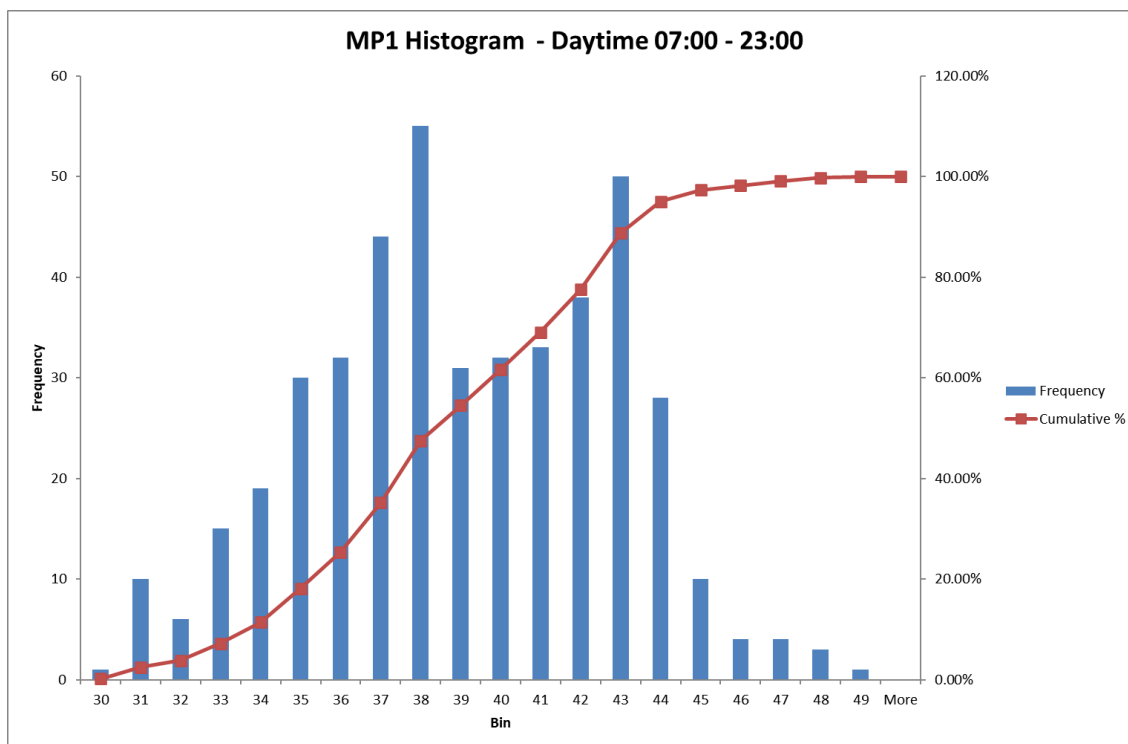
Tween Bridge Solar Farm

Baseline Noise Survey Report

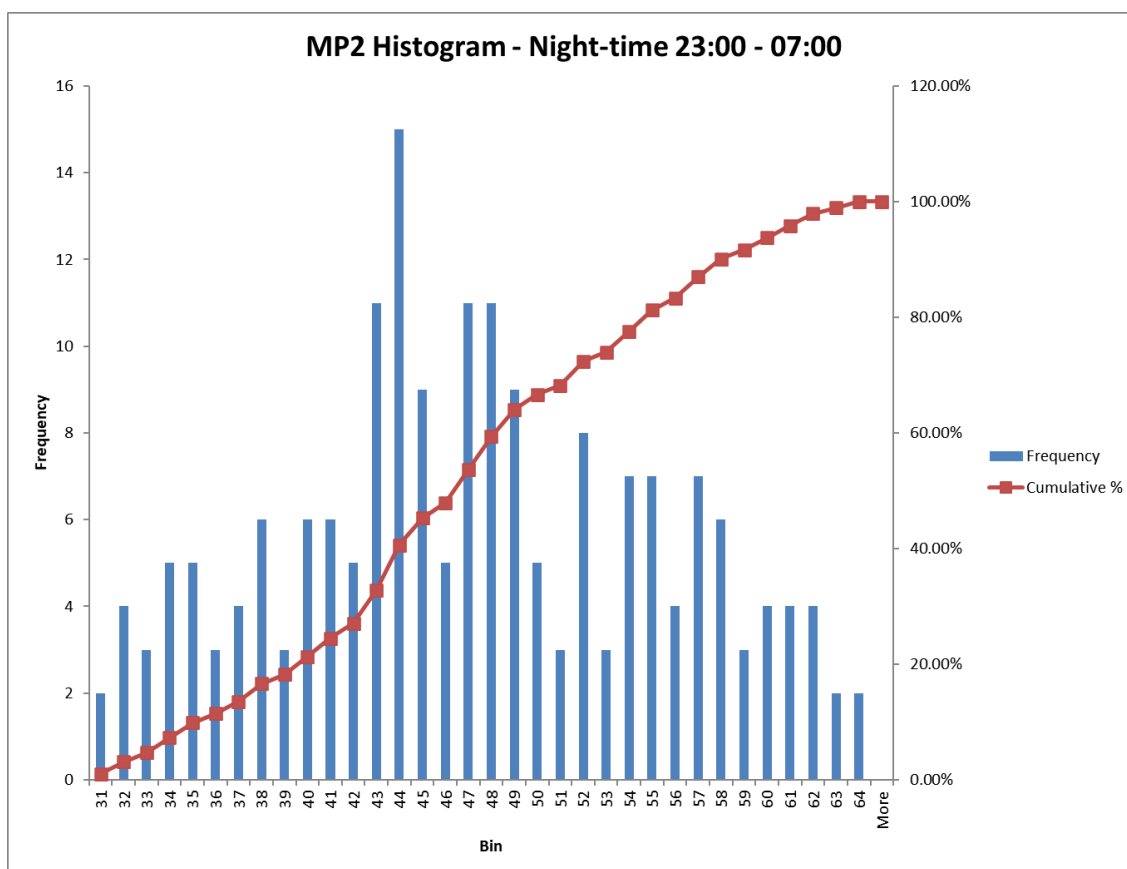
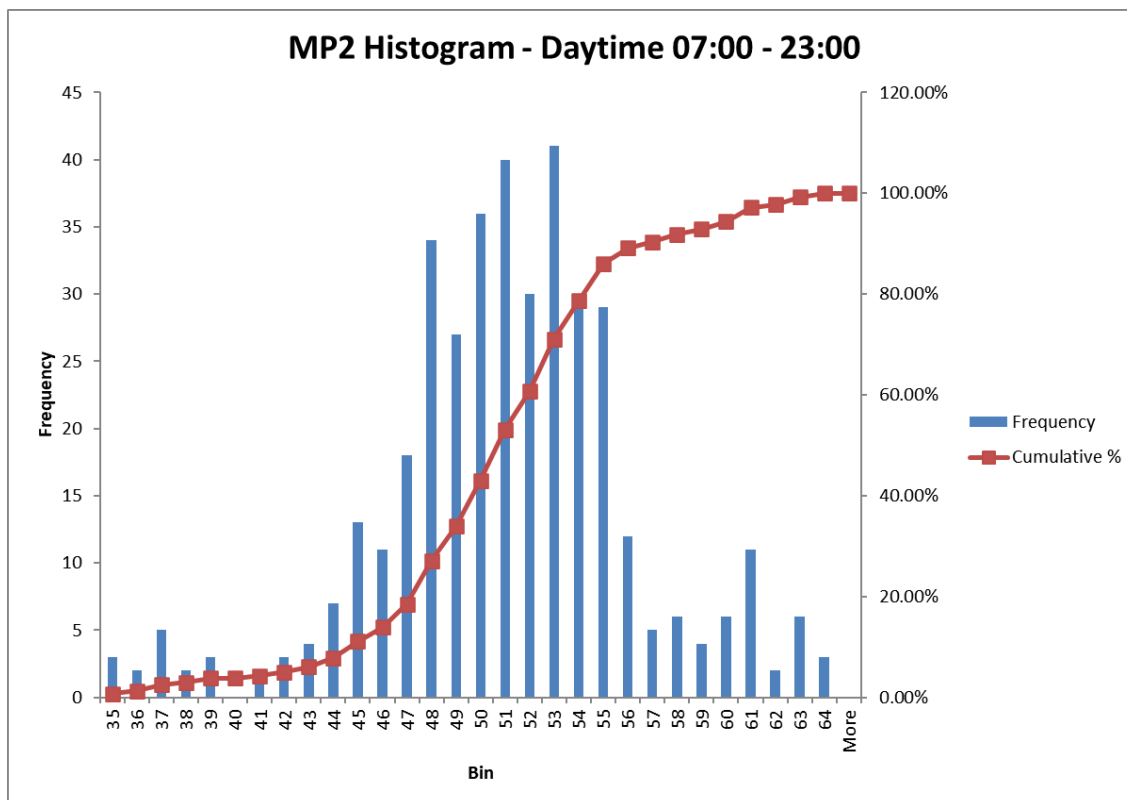


Appendix D – Background Noise Level Statistical Analysis Graphs Tween Bridge Solar Farm Baseline Noise Survey Report

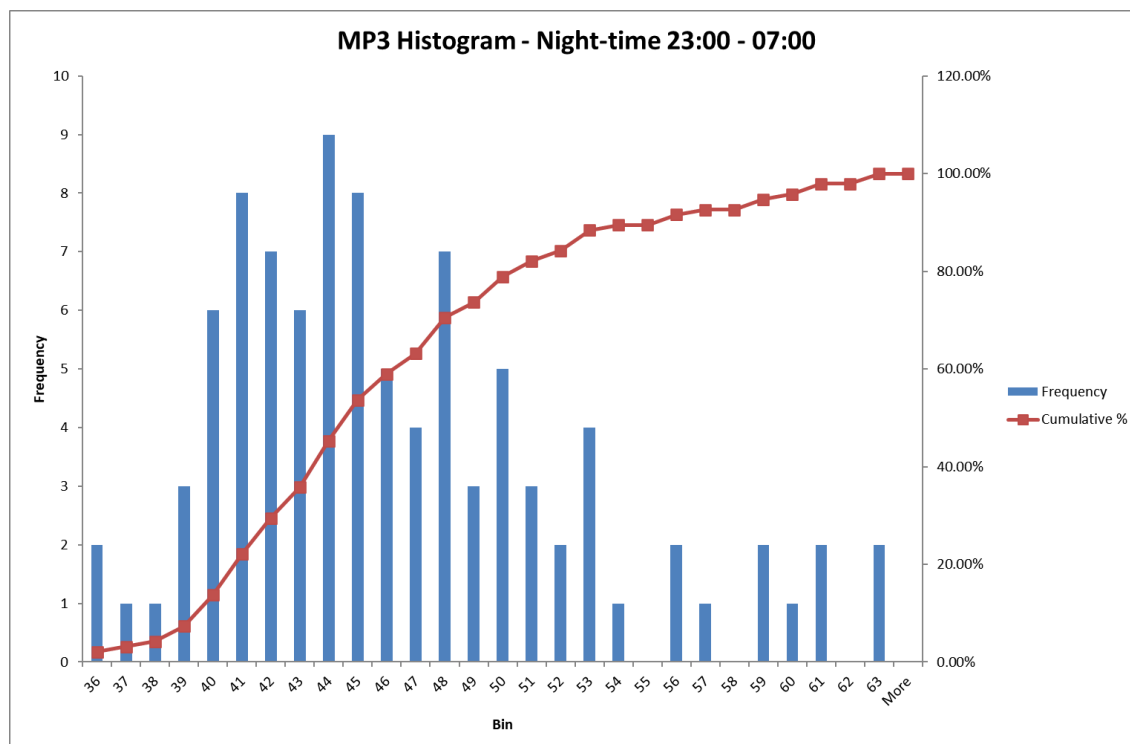
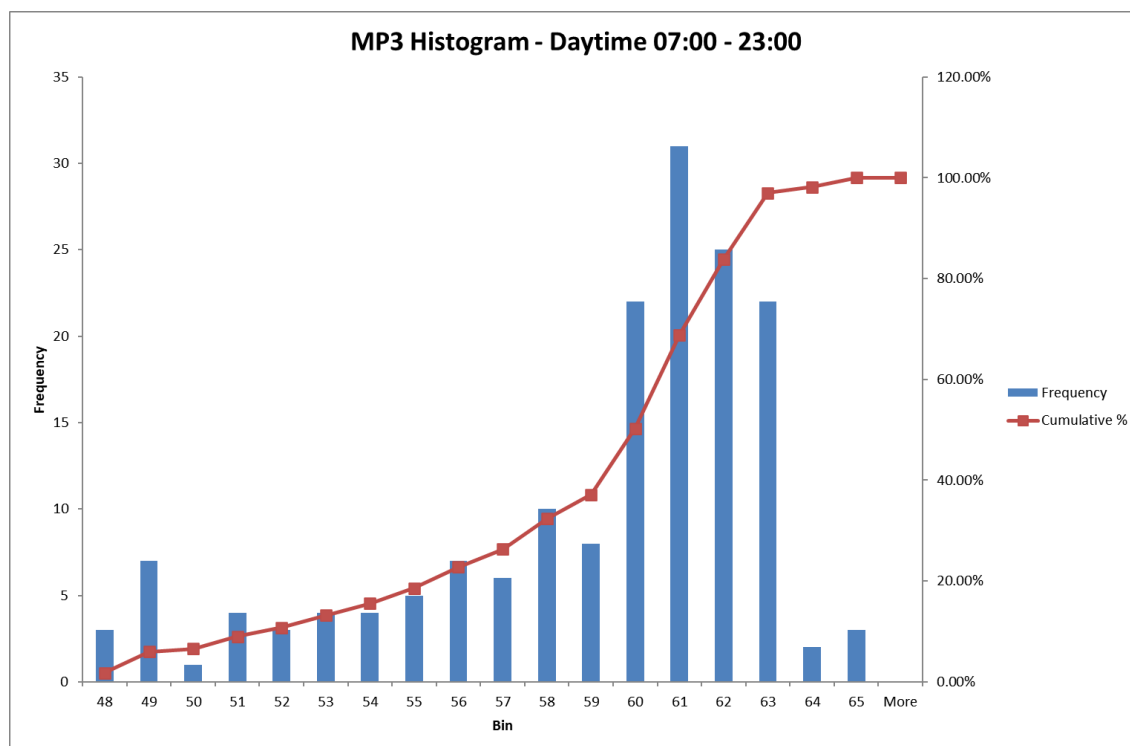
Appendix D – Background Noise Level Statistical Analysis Graphs



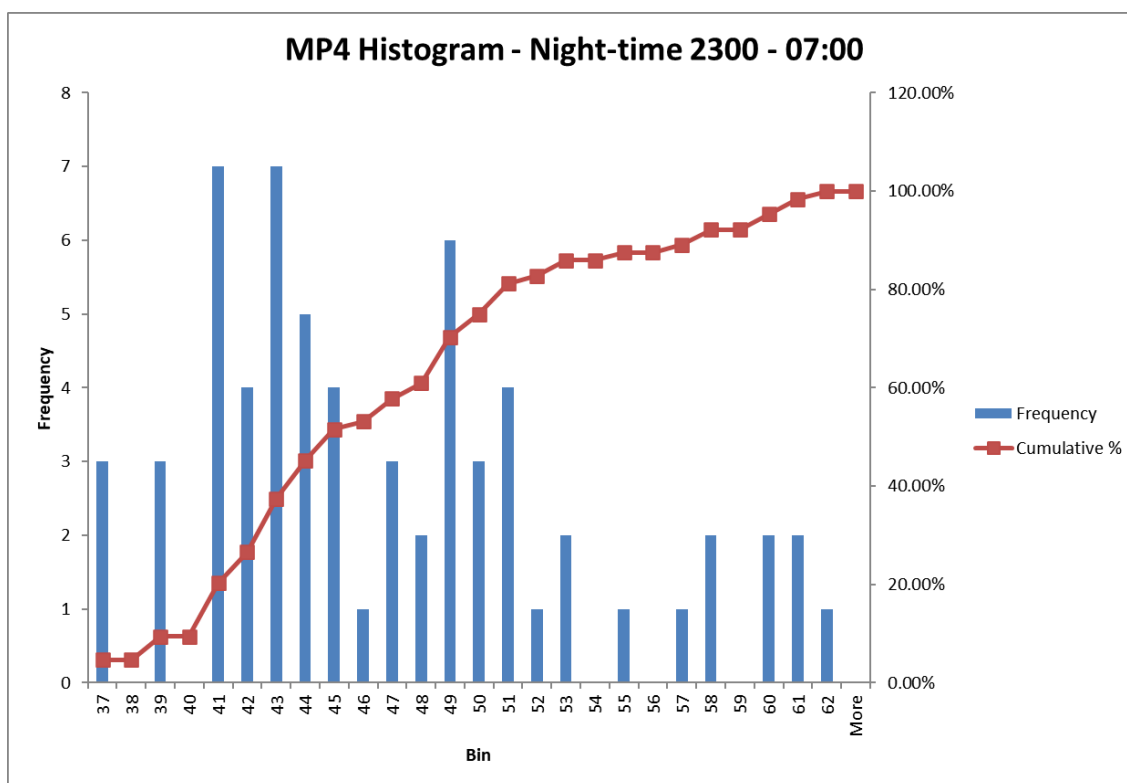
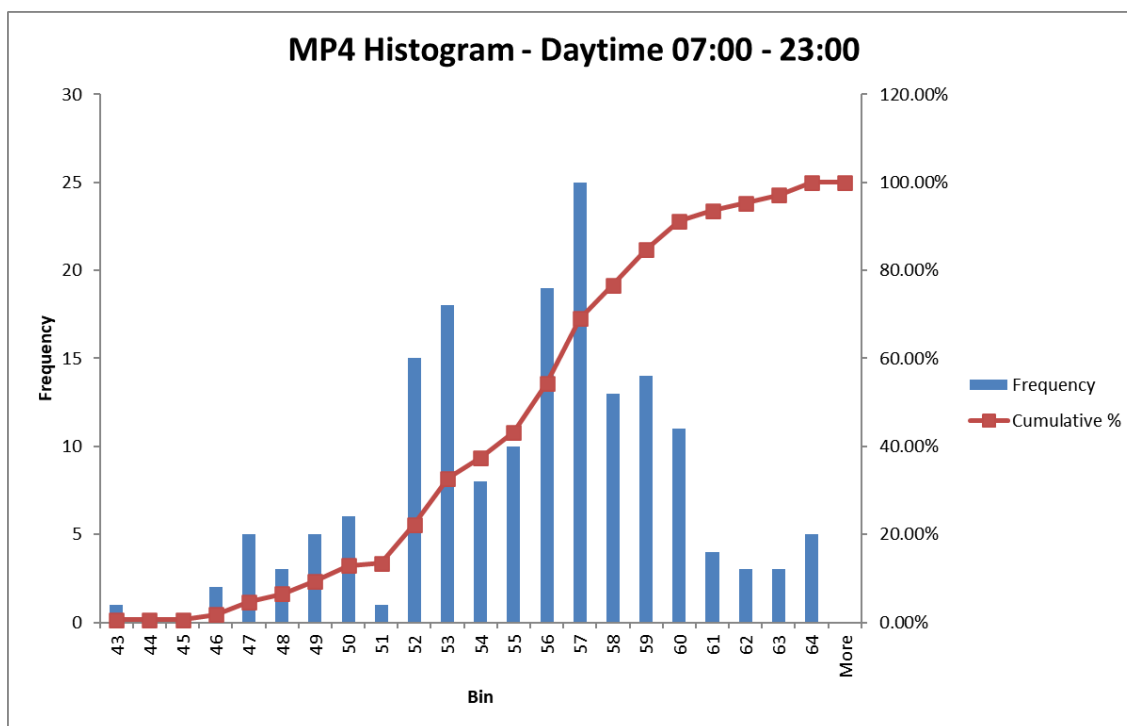
Appendix D – Background Noise Level Statistical Analysis Graphs Tween Bridge Solar Farm Baseline Noise Survey Report



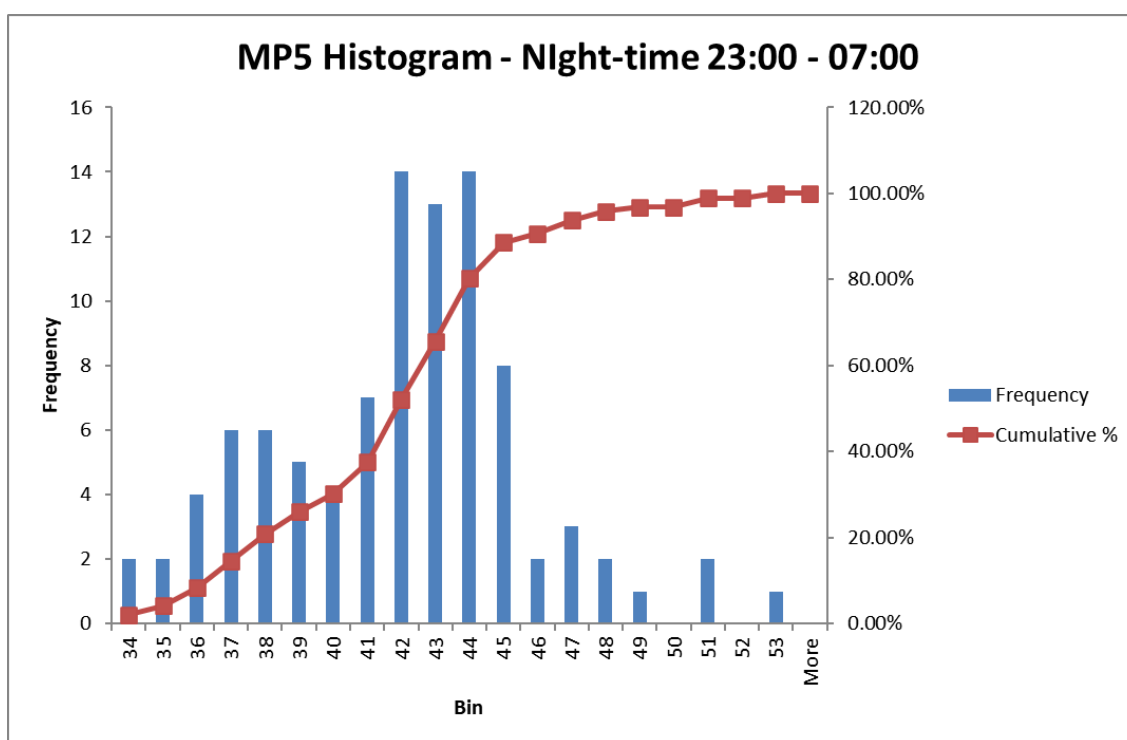
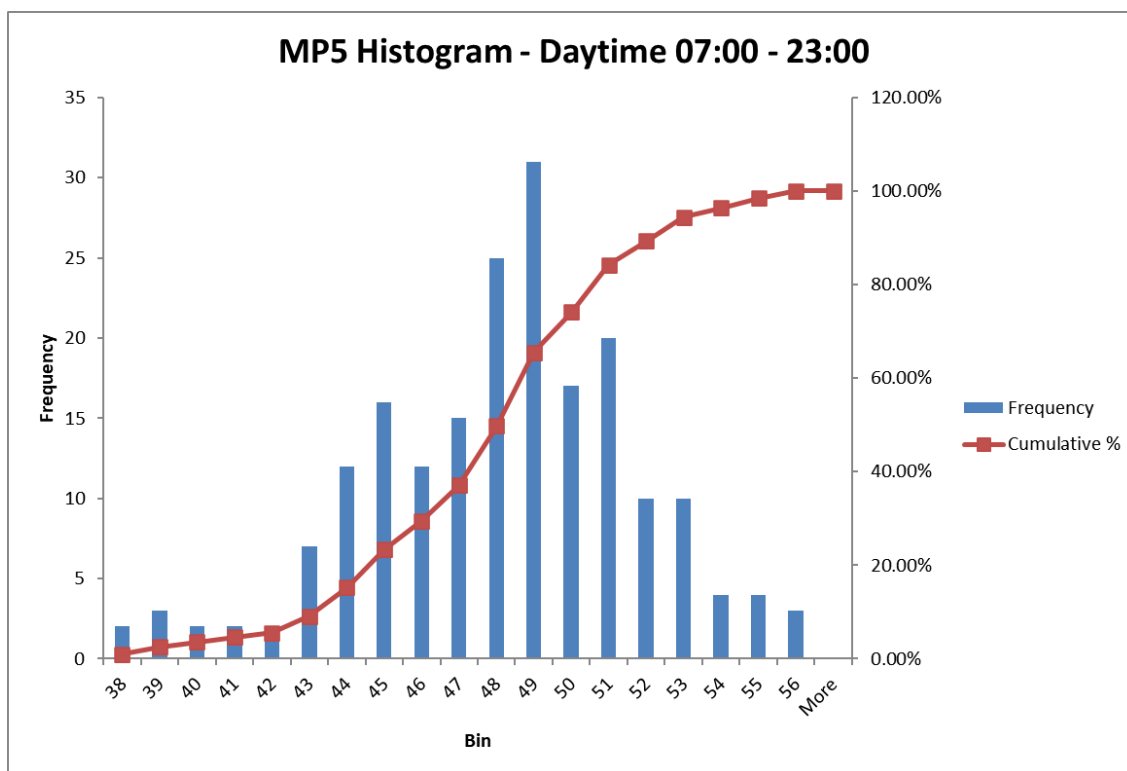
Appendix D – Background Noise Level Statistical Analysis Graphs Tween Bridge Solar Farm Baseline Noise Survey Report



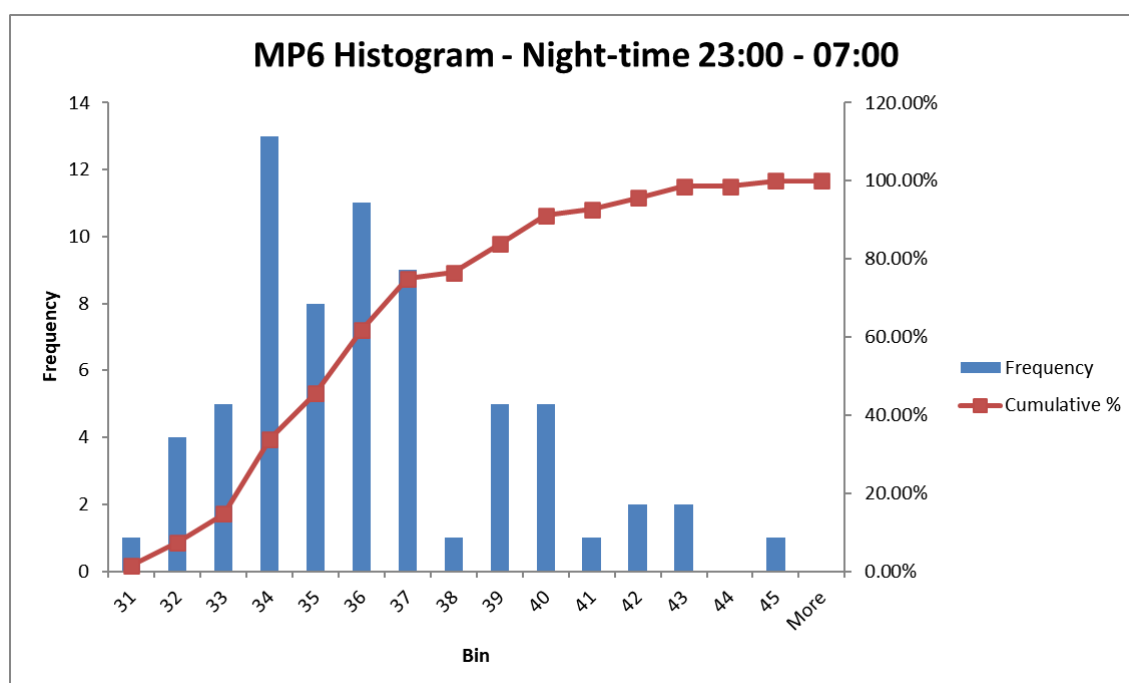
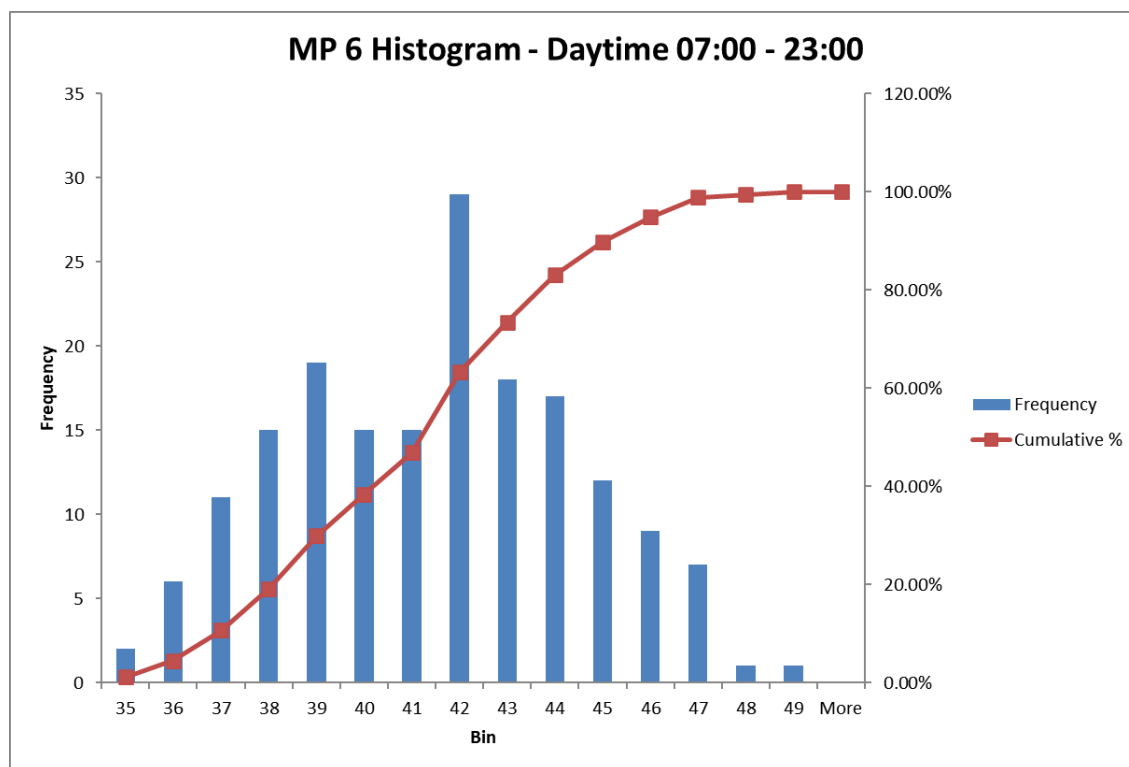
Appendix D – Background Noise Level Statistical Analysis Graphs Tween Bridge Solar Farm Baseline Noise Survey Report



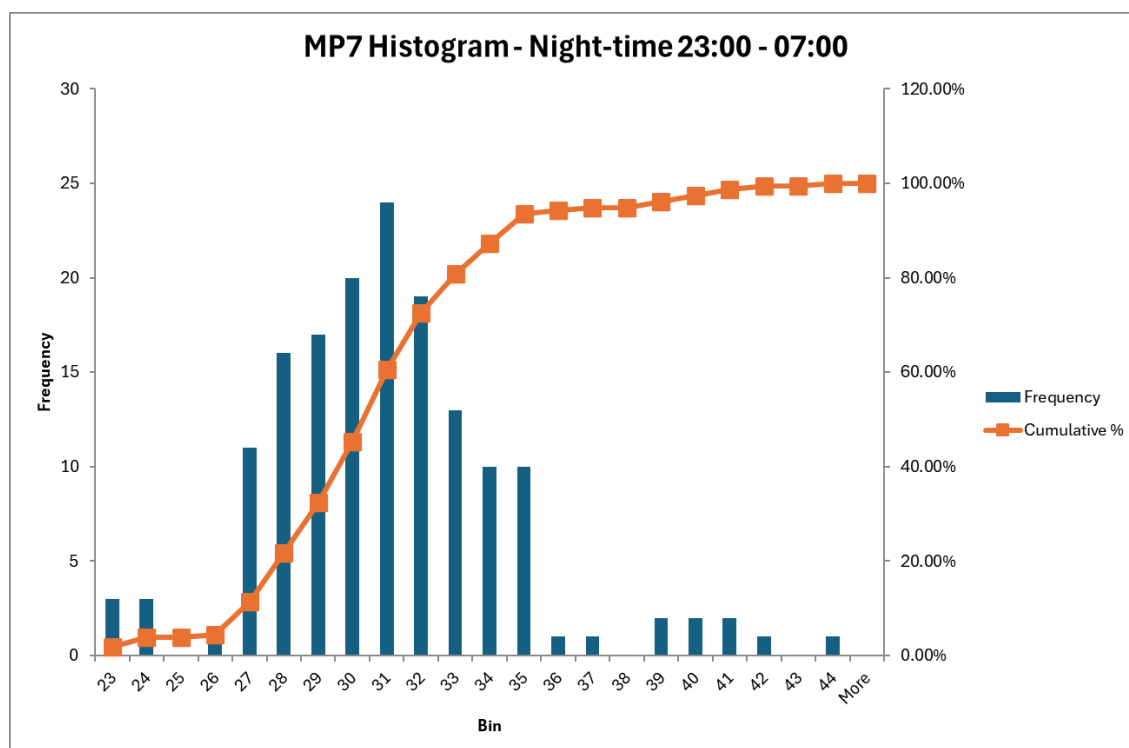
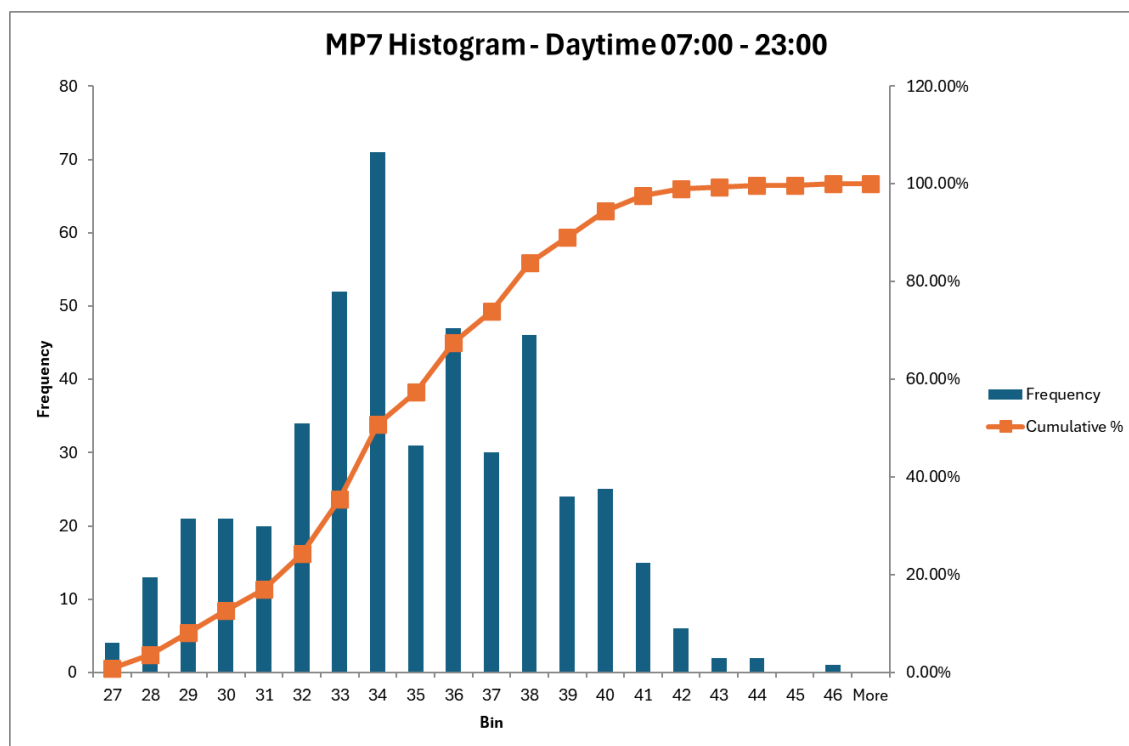
Appendix D – Background Noise Level Statistical Analysis Graphs **Tween Bridge Solar Farm** **Baseline Noise Survey Report**



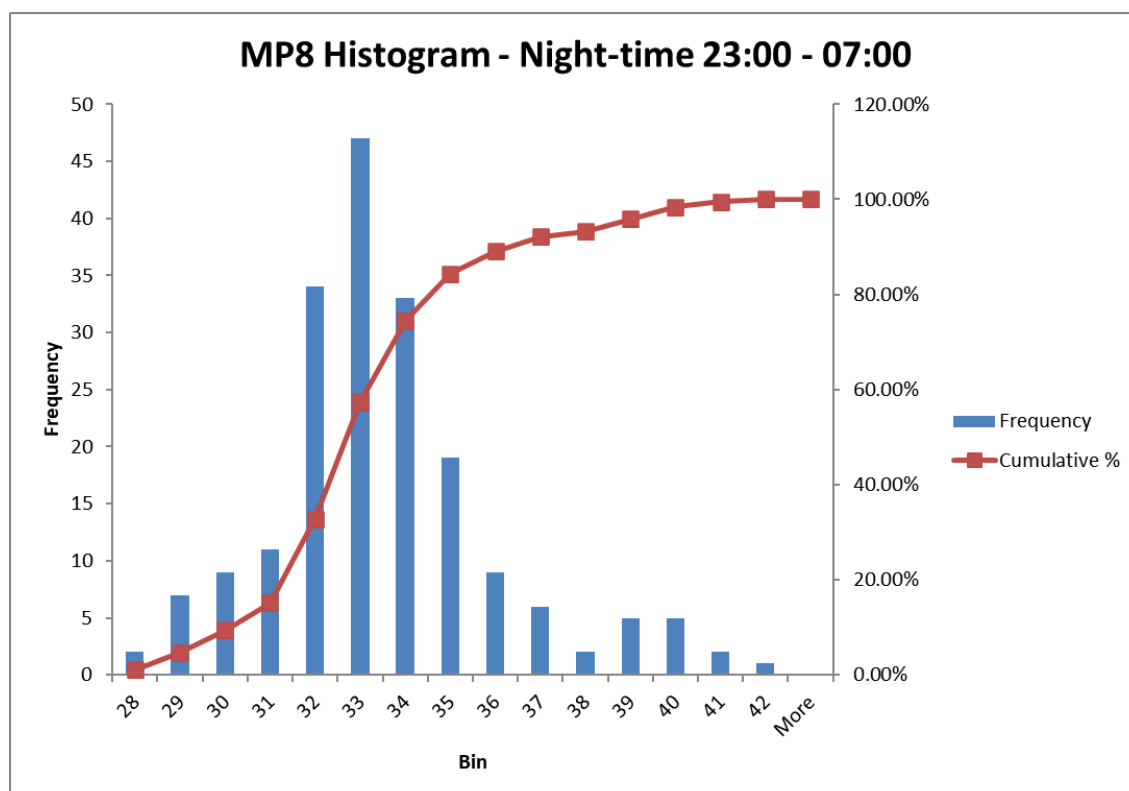
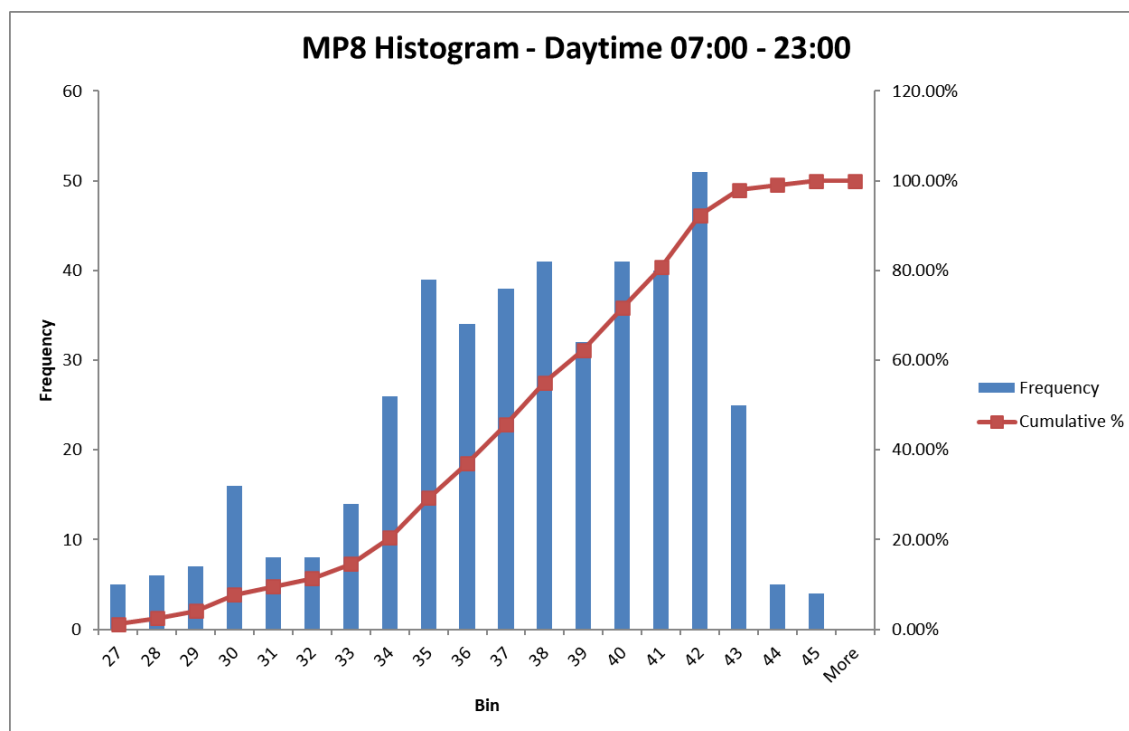
Appendix D – Background Noise Level Statistical Analysis Graphs Tween Bridge Solar Farm Baseline Noise Survey Report



Appendix D – Background Noise Level Statistical Analysis Graphs Tween Bridge Solar Farm Baseline Noise Survey Report



Appendix D – Background Noise Level Statistical Analysis Graphs Tween Bridge Solar Farm Baseline Noise Survey Report



Appendix E – Baseline Noise Survey Data Tween Bridge Solar Farm Baseline Noise Survey Report

Appendix E – Baseline Noise Survey Data

MP1

Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB	Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB
25/01/2024 10:30	70.8	109.0	41.0	25/01/2024 22:30	48.2	64.1	41.3
25/01/2024 10:45	44.7	73.1	41.5	25/01/2024 22:45	48.1	62.2	40.1
25/01/2024 11:00	48.2	76.2	42.1	25/01/2024 23:00	48.9	60.5	41.6
25/01/2024 11:15	46.3	68.2	42.9	25/01/2024 23:15	51.1	63.0	42.6
25/01/2024 11:30	44.6	61.3	41.5	25/01/2024 23:30	50.2	65.0	42.8
25/01/2024 11:45	45.3	63.5	43.0	25/01/2024 23:45	48.2	59.6	41.4
25/01/2024 12:00	45.1	59.6	42.5	26/01/2024 00:00	54.0	68.4	43.6
25/01/2024 12:15	43.2	64.1	41.6	26/01/2024 00:15	51.3	64.9	43.9
25/01/2024 12:30	42.9	58.0	41.5	26/01/2024 00:30	52.7	65.4	44.5
25/01/2024 12:45	46.3	60.1	43.0	26/01/2024 00:45	49.9	63.3	42.5
25/01/2024 13:00	46.4	57.0	44.1	26/01/2024 01:00	51.4	67.6	41.8
25/01/2024 13:15	44.0	54.1	41.4	26/01/2024 01:15	50.2	66.1	40.9
25/01/2024 13:30	47.5	61.5	43.0	26/01/2024 01:30	48.3	64.6	40.8
25/01/2024 13:45	45.4	57.5	43.0	26/01/2024 01:45	46.6	60.8	38.8
25/01/2024 14:00	46.2	60.8	43.1	26/01/2024 02:00	41.5	54.3	35.3
25/01/2024 14:15	46.1	61.9	42.4	26/01/2024 02:15	49.4	67.1	37.2
25/01/2024 14:30	43.7	53.4	42.3	26/01/2024 02:30	43.5	56.4	36.2
25/01/2024 14:45	44.7	56.9	42.5	26/01/2024 02:45	39.6	54.0	33.9
25/01/2024 15:00	45.8	57.6	42.3	26/01/2024 03:00	43.3	61.0	34.9
25/01/2024 15:15	47.4	62.5	42.4	26/01/2024 03:15	56.3	74.7	44.2
25/01/2024 15:30	44.2	52.4	42.7	26/01/2024 03:30	52.8	71.1	39.1
25/01/2024 15:45	45.7	59.2	42.8	26/01/2024 03:45	62.3	81.2	45.2
25/01/2024 16:00	44.3	56.3	41.8	26/01/2024 04:00	65.6	79.0	55.1
25/01/2024 16:15	44.7	62.4	41.3	26/01/2024 04:15	58.2	72.7	47.4
25/01/2024 16:30	43.8	54.9	41.6	26/01/2024 04:30	57.7	73.7	45.9
25/01/2024 16:45	45.8	62.3	42.2	26/01/2024 04:45	61.1	74.7	48.1
25/01/2024 17:00	44.5	60.0	41.9	26/01/2024 05:00	61.0	75.1	50.5
25/01/2024 17:15	42.9	63.2	40.7	26/01/2024 05:15	56.7	67.6	45.7
25/01/2024 17:30	43.4	64.8	41.2	26/01/2024 05:30	62.7	76.5	51.0
25/01/2024 17:45	41.9	57.5	40.1	26/01/2024 05:45	60.9	75.0	50.8
25/01/2024 18:00	45.4	60.6	39.6	26/01/2024 06:00	63.4	78.6	50.0
25/01/2024 18:15	42.6	59.3	39.8	26/01/2024 06:15	61.5	75.0	51.0
25/01/2024 18:30	48.3	61.1	39.6	26/01/2024 06:30	61.1	76.4	50.5
25/01/2024 18:45	40.1	51.8	38.2	26/01/2024 06:45	59.7	74.1	50.0
25/01/2024 19:00	42.3	56.6	38.8	26/01/2024 07:00	57.1	73.2	47.7
25/01/2024 19:15	43.9	65.4	39.0	26/01/2024 07:15	61.6	74.5	46.6
25/01/2024 19:30	43.1	55.0	39.6	26/01/2024 07:30	57.0	69.8	47.1
25/01/2024 19:45	48.2	62.4	38.1	26/01/2024 07:45	54.3	70.3	43.2
25/01/2024 20:00	41.3	56.0	37.6	26/01/2024 08:00	60.0	74.4	45.6
25/01/2024 20:15	42.2	57.2	37.5	26/01/2024 08:15	53.9	67.9	44.2
25/01/2024 20:30	43.2	53.9	38.8	26/01/2024 08:30	55.3	68.0	45.1
25/01/2024 20:45	46.2	61.6	39.1	26/01/2024 08:45	55.9	71.0	44.1
25/01/2024 21:00	45.9	59.5	39.1	26/01/2024 09:00	54.0	69.1	43.8
25/01/2024 21:15	46.7	59.4	39.6	26/01/2024 09:15	52.6	68.6	44.1
25/01/2024 21:30	47.4	64.2	40.8	26/01/2024 09:30	54.3	67.2	44.5
25/01/2024 21:45	50.1	64.2	42.1	26/01/2024 09:45	49.6	63.1	40.7
25/01/2024 22:00	52.1	68.0	44.1	26/01/2024 10:00	45.3	70.2	37.7
25/01/2024 22:15	48.9	62.7	41.6	26/01/2024 10:15	48.2	68.1	38.2

Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB	Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB
26/01/2024 10:30	48.2	61.8	39.7	26/01/2024 22:30	35.0	42.2	34.4
26/01/2024 10:45	54.0	72.8	42.2	26/01/2024 22:45	35.2	44.1	34.5
26/01/2024 11:00	49.9	62.7	40.8	26/01/2024 23:00	39.0	54.2	34.4
26/01/2024 11:15	53.8	66.5	44.6	26/01/2024 23:15	43.9	60.2	34.9
26/01/2024 11:30	54.0	67.7	44.1	26/01/2024 23:30	35.8	50.4	34.0
26/01/2024 11:45	53.7	77.1	41.6	26/01/2024 23:45	35.1	51.0	34.0
26/01/2024 12:00	52.2	67.9	41.2	27/01/2024 00:00	35.1	42.3	34.1
26/01/2024 12:15	54.3	69.7	42.0	27/01/2024 00:15	35.0	58.4	33.1
26/01/2024 12:30	52.8	67.2	44.1	27/01/2024 00:30	34.6	55.9	32.8
26/01/2024 12:45	50.5	72.1	40.6	27/01/2024 00:45	33.8	40.0	33.0
26/01/2024 13:00	46.9	65.6	38.1	27/01/2024 01:00	34.2	49.8	33.1
26/01/2024 13:15	42.8	53.8	36.1	27/01/2024 01:15	40.9	56.7	33.4
26/01/2024 13:30	50.6	66.9	39.5	27/01/2024 01:30	34.0	39.9	33.2
26/01/2024 13:45	50.2	64.2	39.3	27/01/2024 01:45	43.8	60.2	33.6
26/01/2024 14:00	44.0	57.9	36.7	27/01/2024 02:00	35.6	44.2	34.0
26/01/2024 14:15	44.8	59.5	37.8	27/01/2024 02:15	35.2	42.4	33.9
26/01/2024 14:30	37.9	46.8	36.2	27/01/2024 02:30	35.2	43.9	33.7
26/01/2024 14:45	42.2	55.4	37.3	27/01/2024 02:45	34.7	40.8	33.5
26/01/2024 15:00	45.8	69.3	37.8	27/01/2024 03:00	33.7	41.3	32.7
26/01/2024 15:15	43.0	54.7	37.7	27/01/2024 03:15	41.0	57.1	33.1
26/01/2024 15:30	45.3	72.2	36.9	27/01/2024 03:30	43.4	59.7	33.7
26/01/2024 15:45	46.8	68.2	36.9	27/01/2024 03:45	34.2	40.6	33.2
26/01/2024 16:00	41.4	55.3	37.8	27/01/2024 04:00	33.2	41.2	32.5
26/01/2024 16:15	41.8	54.1	38.4	27/01/2024 04:15	33.5	38.8	32.6
26/01/2024 16:30	36.5	42.1	35.3	27/01/2024 04:30	33.7	39.0	32.8
26/01/2024 16:45	37.5	52.2	34.9	27/01/2024 04:45	34.7	42.2	33.5
26/01/2024 17:00	40.0	54.9	35.0	27/01/2024 05:00	34.4	39.0	33.7
26/01/2024 17:15	40.3	61.3	35.6	27/01/2024 05:15	46.6	63.1	34.1
26/01/2024 17:30	41.7	57.8	35.7	27/01/2024 05:30	35.3	46.7	34.3
26/01/2024 17:45	48.2	63.1	35.7	27/01/2024 05:45	40.4	55.0	34.4
26/01/2024 18:00	38.4	49.9	35.1	27/01/2024 06:00	46.1	61.0	35.2
26/01/2024 18:15	45.8	59.7	35.6	27/01/2024 06:15	36.4	44.8	34.8
26/01/2024 18:30	36.3	45.9	35.4	27/01/2024 06:30	36.1	46.8	35.1
26/01/2024 18:45	36.4	42.8	35.4	27/01/2024 06:45	38.9	52.0	35.2
26/01/2024 19:00	37.8	49.1	35.2	27/01/2024 07:00	43.0	61.5	36.7
26/01/2024 19:15	37.5	53.6	35.4	27/01/2024 07:15	42.8	61.7	36.6
26/01/2024 19:30	47.8	64.3	35.5	27/01/2024 07:30	42.0	60.4	36.5
26/01/2024 19:45	36.3	45.5	34.8	27/01/2024 07:45	41.4	58.1	36.8
26/01/2024 20:00	39.7	53.2	34.8	27/01/2024 08:00	41.5	70.9	36.3
26/01/2024 20:15	36.8	56.1	34.4	27/01/2024 08:15	41.1	62.1	37.9
26/01/2024 20:30	35.0	47.9	34.1	27/01/2024 08:30	39.7	46.2	38.1
26/01/2024 20:45	35.0	40.4	34.1	27/01/2024 08:45	40.8	62.4	38.2
26/01/2024 21:00	37.5	50.1	34.6	27/01/2024 09:00	42.3	55.0	39.2
26/01/2024 21:15	38.9	60.0	34.1	27/01/2024 09:15	43.5	68.3	39.4
26/01/2024 21:30	45.3	67.6	34.7	27/01/2024 09:30	44.0	60.7	39.9
26/01/2024 21:45	35.2	45.1	34.2	27/01/2024 09:45	44.7	58.8	39.8
26/01/2024 22:00	36.1	50.1	33.5	27/01/2024 10:00	44.2	60.2	40.0
26/01/2024 22:15	47.1	69.7	34.5	27/01/2024 10:15	43.1	60.8	40.3

Appendix E – Baseline Noise Survey Data Tween Bridge Solar Farm Baseline Noise Survey Report

Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB	Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB
27/01/2024 10:30	42.7	55.1	40.7	27/01/2024 22:30	39.7	55.2	36.3
27/01/2024 10:45	43.5	54.8	40.8	27/01/2024 22:45	37.5	43.8	36.2
27/01/2024 11:00	45.3	54.1	42.0	27/01/2024 23:00	38.9	52.6	35.7
27/01/2024 11:15	44.2	59.3	41.2	27/01/2024 23:15	36.6	44.3	35.3
27/01/2024 11:30	43.8	60.8	40.3	27/01/2024 23:30	36.0	41.8	34.5
27/01/2024 11:45	41.1	48.1	39.7	27/01/2024 23:45	36.2	43.7	34.7
27/01/2024 12:00	44.0	57.3	40.0	28/01/2024 00:00	38.7	54.6	34.9
27/01/2024 12:15	45.5	58.9	41.8	28/01/2024 00:15	38.0	48.9	35.8
27/01/2024 12:30	43.0	54.3	39.6	28/01/2024 00:30	36.6	49.3	35.0
27/01/2024 12:45	41.8	53.2	39.3	28/01/2024 00:45	36.3	44.1	34.6
27/01/2024 13:00	46.9	64.9	39.4	28/01/2024 01:00	35.7	55.1	34.0
27/01/2024 13:15	41.6	66.9	38.2	28/01/2024 01:15	35.6	50.0	34.0
27/01/2024 13:30	42.5	69.0	37.2	28/01/2024 01:30	35.2	43.7	33.7
27/01/2024 13:45	43.0	64.3	35.3	28/01/2024 01:45	34.4	45.5	32.9
27/01/2024 14:00	45.4	75.7	36.9	28/01/2024 02:00	34.7	49.1	32.9
27/01/2024 14:15	44.9	74.1	38.7	28/01/2024 02:15	36.0	45.8	33.5
27/01/2024 14:30	45.3	70.2	37.7	28/01/2024 02:30	35.5	43.7	33.6
27/01/2024 14:45	41.3	53.0	36.2	28/01/2024 02:45	34.5	43.2	33.4
27/01/2024 15:00	47.3	67.5	38.0	28/01/2024 03:00	34.3	41.9	33.2
27/01/2024 15:15	42.2	58.5	36.8	28/01/2024 03:15	35.1	49.1	34.0
27/01/2024 15:30	47.7	64.2	36.4	28/01/2024 03:30	35.3	43.0	34.0
27/01/2024 15:45	41.4	54.4	37.3	28/01/2024 03:45	36.6	44.5	35.1
27/01/2024 16:00	41.8	59.3	37.4	28/01/2024 04:00	36.7	49.6	35.1
27/01/2024 16:15	48.7	64.6	38.4	28/01/2024 04:15	37.0	44.2	35.5
27/01/2024 16:30	41.6	56.7	37.9	28/01/2024 04:30	36.5	42.1	35.5
27/01/2024 16:45	39.7	52.5	37.5	28/01/2024 04:45	36.8	43.0	35.8
27/01/2024 17:00	40.7	53.1	37.6	28/01/2024 05:00	36.5	42.8	35.5
27/01/2024 17:15	40.8	58.4	37.4	28/01/2024 05:15	36.8	42.3	35.7
27/01/2024 17:30	38.3	45.5	36.9	28/01/2024 05:30	37.6	43.3	36.3
27/01/2024 17:45	39.0	43.3	38.2	28/01/2024 05:45	37.5	43.1	36.3
27/01/2024 18:00	40.3	51.0	38.6	28/01/2024 06:00	38.0	42.9	36.7
27/01/2024 18:15	41.1	51.6	39.0	28/01/2024 06:15	38.7	47.5	37.5
27/01/2024 18:30	39.3	44.8	38.3	28/01/2024 06:30	38.5	46.3	37.4
27/01/2024 18:45	39.7	52.0	37.7	28/01/2024 06:45	38.2	47.4	37.2
27/01/2024 19:00	45.2	62.7	37.7	28/01/2024 07:00	39.0	55.1	37.8
27/01/2024 19:15	41.7	70.4	37.7	28/01/2024 07:15	39.9	53.9	38.5
27/01/2024 19:30	38.6	45.5	37.3	28/01/2024 07:30	40.2	57.7	38.5
27/01/2024 19:45	37.6	41.8	36.5	28/01/2024 07:45	43.2	63.1	39.9
27/01/2024 20:00	38.8	51.6	36.8	28/01/2024 08:00	41.5	62.3	39.7
27/01/2024 20:15	38.6	49.7	36.3	28/01/2024 08:15	42.0	57.4	40.4
27/01/2024 20:30	41.1	59.7	37.3	28/01/2024 08:30	42.6	63.5	40.8
27/01/2024 20:45	39.8	51.8	37.1	28/01/2024 08:45	45.5	70.2	41.1
27/01/2024 21:00	40.4	53.8	37.1	28/01/2024 09:00	44.7	74.2	41.4
27/01/2024 21:15	38.7	53.5	36.5	28/01/2024 09:15	43.4	70.7	41.8
27/01/2024 21:30	36.9	44.5	35.5	28/01/2024 09:30	44.6	66.6	42.2
27/01/2024 21:45	39.7	49.4	36.8	28/01/2024 09:45	43.7	54.3	42.7
27/01/2024 22:00	40.9	53.7	37.2	28/01/2024 10:00	45.9	60.3	43.1
27/01/2024 22:15	41.2	66.3	36.8	28/01/2024 10:15	46.8	62.4	43.2

Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB	Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB
28/01/2024 10:30	44.9	61.0	43.1	28/01/2024 22:30	34.6	42.0	32.7
28/01/2024 10:45	44.9	60.5	43.3	28/01/2024 22:45	36.3	50.5	33.1
28/01/2024 11:00	44.8	63.4	43.1	28/01/2024 23:00	32.5	39.6	31.7
28/01/2024 11:15	45.7	57.3	44.0	28/01/2024 23:15	41.6	63.1	32.1
28/01/2024 11:30	47.7	65.3	44.3	28/01/2024 23:30	41.6	56.8	31.4
28/01/2024 11:45	46.3	57.6	44.2	28/01/2024 23:45	33.0	37.6	31.9
28/01/2024 12:00	45.1	55.7	43.4	29/01/2024 00:00	44.7	60.0	31.7
28/01/2024 12:15	45.3	58.2	43.3	29/01/2024 00:15	33.2	45.2	32.1
28/01/2024 12:30	44.6	56.2	43.2	29/01/2024 00:30	37.4	54.5	31.6
28/01/2024 12:45	44.9	56.1	43.4	29/01/2024 00:45	33.5	38.8	32.2
28/01/2024 13:00	44.4	54.8	43.3	29/01/2024 01:00	33.4	43.3	32.4
28/01/2024 13:15	43.8	67.4	42.3	29/01/2024 01:15	40.7	55.6	32.6
28/01/2024 13:30	46.6	74.5	42.6	29/01/2024 01:30	43.2	59.9	31.7
28/01/2024 13:45	47.0	61.9	41.9	29/01/2024 01:45	33.1	41.9	32.1
28/01/2024 14:00	46.7	61.9	40.9	29/01/2024 02:00	34.2	44.8	32.4
28/01/2024 14:15	42.4	55.6	40.8	29/01/2024 02:15	33.5	40.4	32.5
28/01/2024 14:30	42.8	51.1	40.5	29/01/2024 02:30	42.5	58.2	32.4
28/01/2024 14:45	41.9	54.0	40.0	29/01/2024 02:45	33.4	37.8	32.4
28/01/2024 15:00	44.4	59.1	40.3	29/01/2024 03:00	33.8	45.9	32.8
28/01/2024 15:15	42.0	62.1	40.0	29/01/2024 03:15	46.6	65.3	33.2
28/01/2024 15:30	42.7	56.6	39.8	29/01/2024 03:30	42.8	57.3	34.4
28/01/2024 15:45	41.6	55.8	40.1	29/01/2024 03:45	35.2	42.8	34.1
28/01/2024 16:00	41.1	49.2	40.0	29/01/2024 04:00	34.3	42.8	33.4
28/01/2024 16:15	41.2	63.3	39.3	29/01/2024 04:15	35.7	41.5	34.6
28/01/2024 16:30	39.5	46.4	38.6	29/01/2024 04:30	36.5	41.5	35.7
28/01/2024 16:45	40.7	52.0	39.0	29/01/2024 04:45	42.3	57.1	36.2
28/01/2024 17:00	40.0	61.7	38.5	29/01/2024 05:00	39.5	54.7	36.9
28/01/2024 17:15	50.4	66.6	39.2	29/01/2024 05:15	45.5	58.4	37.2
28/01/2024 17:30	44.8	62.0	38.2	29/01/2024 05:30	41.5	54.6	37.7
28/01/2024 17:45	39.6	50.9	37.8	29/01/2024 05:45	41.7	53.5	38.2
28/01/2024 18:00	38.0	43.4	37.2	29/01/2024 06:00	42.7	70.8	40.0
28/01/2024 18:15	39.5	62.9	37.7	29/01/2024 06:15	40.5	47.0	39.3
28/01/2024 18:30	38.5	46.0	37.3	29/01/2024 06:30	40.8	52.6	39.0
28/01/2024 18:45	39.4	56.1	37.1	29/01/2024 06:45	42.3	54.6	38.8
28/01/2024 19:00	39.4	60.7	37.2	29/01/2024 07:00	41.4	51.9	39.7
28/01/2024 19:15	44.9	61.1	37.8	29/01/2024 07:15	45.9	69.9	41.2
28/01/2024 19:30	39.4	57.0	36.9	29/01/2024 07:30	44.3	57.5	41.3
28/01/2024 19:45	47.2	67.0	37.0	29/01/2024 07:45	47.9	66.1	43.6
28/01/2024 20:00	40.5	51.6	37.5	29/01/2024 08:00	48.7	64.5	46.1
28/01/2024 20:15	41.8	66.1	36.5	29/01/2024 08:15	62.4	97.7	46.2
28/01/2024 20:30	36.2	42.7	35.0	29/01/2024 08:30	45.8	62.4	43.3
28/01/2024 20:45	36.8	51.6	34.4	29/01/2024 08:45	43.5	50.9	42.5
28/01/2024 21:00	35.7	43.1	34.1	29/01/2024 09:00	46.6	64.7	41.4
28/01/2024 21:15	36.3	58.1	33.4	29/01/2024 09:15	42.9	58.1	41.1
28/01/2024 21:30	45.0	59.9	34.2	29/01/2024 09:30	44.4	68.3	42.0
28/01/2024 21:45	36.1	48.7	33.8	29/01/2024 09:45	44.1	63.6	42.3
28/01/2024 22:00	39.7	68.0	34.1	29/01/2024 10:00	45.6	72.7	42.4
28/01/2024 22:15	34.7	44.7	33.4	29/01/2024 10:15	43.7	56.2	42.7

Appendix E – Baseline Noise Survey Data Tween Bridge Solar Farm Baseline Noise Survey Report

Time	LAeq dB	max (FAS dB	LAF90 dB
29/01/2024 10:30	44.8	62.5	42.9
29/01/2024 10:45	43.6	56.8	42.5
29/01/2024 11:00	43.3	51.4	42.3
29/01/2024 11:15	47.3	73.7	43.6
29/01/2024 11:30	45.8	59.6	43.3
29/01/2024 11:45	61.2	90.0	44.5
29/01/2024 12:00	45.3	52.6	43.2
29/01/2024 12:15	47.2	70.8	45.2
29/01/2024 12:30	45.5	60.5	43.8
29/01/2024 12:45	43.9	51.4	42.9
29/01/2024 13:00	44.3	63.4	43.2
29/01/2024 13:15	45.6	61.3	43.9
29/01/2024 13:30	44.9	51.9	43.6
29/01/2024 13:45	46.4	54.2	45.0
29/01/2024 14:00	45.2	68.1	43.9
29/01/2024 14:15	44.6	63.1	43.5
29/01/2024 14:30	44.3	66.2	43.0
29/01/2024 14:45	44.6	51.9	43.2
29/01/2024 15:00	43.2	52.8	42.1
29/01/2024 15:15	44.4	57.9	41.5
29/01/2024 15:30	44.7	66.1	41.2
29/01/2024 15:45	46.7	69.8	41.4
29/01/2024 16:00	42.1	55.2	40.6
29/01/2024 16:15	43.5	61.2	40.9
29/01/2024 16:30	43.4	63.7	40.8
29/01/2024 16:45	41.8	54.5	40.8
29/01/2024 17:00	43.1	57.4	41.4
29/01/2024 17:15	41.7	58.0	40.5
29/01/2024 17:30	44.9	67.3	39.5
29/01/2024 17:45	39.8	44.6	39.1
29/01/2024 18:00	40.9	51.4	38.8
29/01/2024 18:15	49.6	72.7	39.2
29/01/2024 18:30	39.3	46.9	38.1
29/01/2024 18:45	39.2	42.3	38.4
29/01/2024 19:00	40.3	60.7	38.4
29/01/2024 19:15	38.6	42.1	37.9
29/01/2024 19:30	43.4	62.9	37.3
29/01/2024 19:45	47.8	67.5	36.9
29/01/2024 20:00	38.5	52.9	35.9
29/01/2024 20:15	38.7	60.6	36.7
29/01/2024 20:30	37.2	49.1	35.8
29/01/2024 20:45	37.5	46.7	36.3
29/01/2024 21:00	42.7	58.6	35.7
29/01/2024 21:15	45.1	59.1	34.9
29/01/2024 21:30	36.6	57.7	34.7
29/01/2024 21:45	45.8	62.2	34.8
29/01/2024 22:00	37.8	49.5	35.6
29/01/2024 22:15	38.7	58.6	35.1

Time	LAeq dB	max (FAS dB	LAF90 dB
29/01/2024 22:30	36.8	44.0	35.3
29/01/2024 22:45	36.4	44.4	34.9
29/01/2024 23:00	38.4	54.0	35.1
29/01/2024 23:15	37.4	43.9	35.8
29/01/2024 23:30	37.1	47.6	35.0
29/01/2024 23:45	42.9	59.9	35.0
30/01/2024 00:00	37.1	43.0	35.6
30/01/2024 00:15	36.1	41.7	34.6
30/01/2024 00:30	35.5	44.7	34.5
30/01/2024 00:45	43.5	61.7	33.8
30/01/2024 01:00	34.5	39.4	33.4
30/01/2024 01:15	38.5	52.9	33.1
30/01/2024 01:30	44.9	60.7	33.1
30/01/2024 01:45	34.2	40.1	32.8
30/01/2024 02:00	33.3	39.4	32.4
30/01/2024 02:15	33.5	36.9	32.3
30/01/2024 02:30	33.6	37.6	32.5
30/01/2024 02:45	34.5	42.6	32.9
30/01/2024 03:00	33.3	43.0	31.4
30/01/2024 03:15	35.4	46.4	32.4
30/01/2024 03:30	33.5	46.6	30.8
30/01/2024 03:45	36.0	48.3	31.8
30/01/2024 04:00	33.6	40.7	32.5
30/01/2024 04:15	33.7	44.7	32.5
30/01/2024 04:30	37.9	53.1	30.5
30/01/2024 04:45	36.7	52.1	31.3
30/01/2024 05:00	36.9	49.1	31.9
30/01/2024 05:15	39.6	55.2	31.6
30/01/2024 05:30	35.2	48.3	31.6
30/01/2024 05:45	40.1	57.3	33.2
30/01/2024 06:00	38.7	50.3	33.4
30/01/2024 06:15	36.7	49.4	33.1
30/01/2024 06:30	38.8	49.3	35.8
30/01/2024 06:45	37.2	52.0	35.0
30/01/2024 07:00	40.4	57.8	36.1
30/01/2024 07:15	41.8	62.3	37.4
30/01/2024 07:30	41.2	56.3	38.3
30/01/2024 07:45	42.1	65.4	38.2
30/01/2024 08:00	41.0	52.8	37.9
30/01/2024 08:15	40.8	55.0	37.8
30/01/2024 08:30	42.3	65.5	38.2
30/01/2024 08:45	43.0	66.8	38.4
30/01/2024 09:00	46.6	60.4	40.0
30/01/2024 09:15	45.2	58.9	39.6
30/01/2024 09:30	40.3	57.4	36.7
30/01/2024 09:45	43.9	62.2	37.7
30/01/2024 10:00	42.2	58.2	37.1
30/01/2024 10:15	45.1	71.9	36.9

Time	LAeq dB	max (FAS dB	LAF90 dB
30/01/2024 10:30	42.0	53.8	36.4
30/01/2024 10:45	44.0	63.2	38.1
30/01/2024 11:00	45.1	62.4	37.8
30/01/2024 11:15	46.2	63.2	38.1
30/01/2024 11:30	42.7	62.8	36.6
30/01/2024 11:45	41.7	59.5	36.4
30/01/2024 12:00	38.9	51.5	35.4
30/01/2024 12:15	39.2	52.9	36.1
30/01/2024 12:30	48.7	69.5	37.1
30/01/2024 12:45	50.2	69.0	37.3
30/01/2024 13:00	45.2	63.4	34.1
30/01/2024 13:15	45.1	62.6	34.1
30/01/2024 13:30	44.1	66.8	32.8
30/01/2024 13:45	37.7	62.0	31.1
30/01/2024 14:00	44.6	70.7	34.9
30/01/2024 14:15	37.7	59.0	34.9
30/01/2024 14:30	41.6	57.9	35.7
30/01/2024 14:45	39.1	57.4	35.8
30/01/2024 15:00	40.6	51.3	35.8
30/01/2024 15:15	39.4	58.8	32.1
30/01/2024 15:30	38.6	55.4	33.8
30/01/2024 15:45	39.8	58.0	34.2
30/01/2024 16:00	53.0	71.4	34.6
30/01/2024 16:15	38.7	52.9	35.1
30/01/2024 16:30	39.7	61.5	35.7
30/01/2024 16:45	43.0	62.7	36.5
30/01/2024 17:00	39.8	57.0	33.6
30/01/2024 17:15	43.1	65.8	34.0
30/01/2024 17:30	42.1	54.8	32.5
30/01/2024 17:45	33.0	48.5	31.1
30/01/2024 18:00	39.1	59.3	30.7
30/01/2024 18:15	48.2	62.7	31.0
30/01/2024 18:30	32.2	42.1	31.2
30/01/2024 18:45	32.8	43.0	32.0
30/01/2024 19:00	36.3	50.0	32.6
30/01/2024 19:15	36.3	51.1	32.9
30/01/2024 19:30	45.0	60.6	32.9
30/01/2024 19:45	35.9	48.1	32.8
30/01/2024 20:00	38.9	54.3	33.0
30/01/2024 20:15	39.5	60.5	32.9
30/01/2024 20:30	35.7	51.5	34.1
30/01/2024 20:45	37.9	50.9	34.5
30/01/2024 21:00	36.6	53.2	31.8
30/01/2024 21:15	50.6	65.4	33.0
30/01/2024 21:30	42.0	61.2	32.5
30/01/2024 21:45	33.9	41.6	31.2
30/01/2024 22:00	37.1	54.3	31.8
30/01/2024 22:15	39.8	57.3	32.0

Time	LAeq dB	max (FAS dB	LAF90 dB
30/01/2024 22:30	32.6	40.4	31.3
30/01/2024 22:45	34.3	43.2	32.6
30/01/2024 23:00	38.3	51.7	31.2
30/01/2024 23:15	42.8	58.4	31.9
30/01/2024 23:30	33.6	52.3	31.8
30/01/2024 23:45	32.7	47.7	30.8
31/01/2024 00:00	43.0	59.2	31.5
31/01/2024 00:15	32.4	39.8	31.6
31/01/2024 00:30	32.3	38.2	31.5
31/01/2024 00:45	31.8	35.5	31.0
31/01/2024 01:00	42.3	58.3	30.6
31/01/2024 01:15	42.5	59.0	30.9
31/01/2024 01:30	47.5	64.8	30.6
31/01/2024 01:45	32.2	40.5	31.3
31/01/2024 02:00	32.5	36.4	31.8
31/01/2024 02:15	33.3	37.3	32.6
31/01/2024 02:30	33.3	38.3	32.3
31/01/2024 02:45	33.4	45.1	32.4
31/01/2024 03:00	41.3	55.4	33.4
31/01/2024 03:15	40.5	54.0	34.9
31/01/2024 03:30	35.9	51.5	34.4
31/01/2024 03:45	34.8	47.6	33.8
31/01/2024 04:00	33.9	39.8	32.7
31/01/2024 04:15	35.8	41.5	34.4
31/01/2024 04:30	35.9	40.8	34.5
31/01/2024 04:45	43.7	58.2	36.1
31/01/2024 05:00	36.7	48.7	35.6
31/01/2024 05:15	42.5	55.8	37.8
31/01/2024 05:30	41.5	53.0	39.0
31/01/2024 05:45	40.1	44.3	39.2
31/01/2024 06:00	40.0	53.1	39.1
31/01/2024 06:15	40.6	46.5	39.5
31/01/2024 06:30	42.3	53.7	40.5
31/01/2024 06:45	42.3	49.4	41.0
31/01/2024 07:00	44.4	56.5	42.0
31/01/2024 07:15	44.6	59.2	43.3
31/01/2024 07:30	47.5	60.9	43.4
31/01/2024 07:45	44.8	62.0	43.1
31/01/2024 08:00	48.5	72.2	43.9
31/01/2024 08:15	46.6	58.9	43.9
31/01/2024 08:30	45.2	64.9	43.3
31/01/2024 08:45	45.3	55.6	43.3
31/01/2024 09:00	49.3	72.0	44.2
31/01/2024 09:15	48.3	68.7	43.9
31/01/2024 09:30	46.2	61.0	43.6
31/01/2024 09:45	46.8	67.8	42.3
31/01/2024 10:00	43.9	59.9	42.1
31/01/2024 10:15	43.6	57.2	41.8

Appendix E – Baseline Noise Survey Data Tween Bridge Solar Farm Baseline Noise Survey Report

MP2

Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB	Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB
18/01/2024 13:45	57.5	82.7	45.3	19/01/2024 01:45	42.6	63.8	31.9
18/01/2024 14:00	57.9	68.7	46.8	19/01/2024 02:00	46.2	64.1	30.8
18/01/2024 14:15	58.2	73.5	43.9	19/01/2024 02:15	41.1	61.6	31.9
18/01/2024 14:30	59.8	71.2	46.5	19/01/2024 02:30	46.6	64.3	34.7
18/01/2024 14:45	58.8	72.0	47.7	19/01/2024 02:45	44.9	59.0	30.5
18/01/2024 15:00	58.1	69.6	47.5	19/01/2024 03:00	43.4	58.3	33.6
18/01/2024 15:15	59.2	72.0	49.5	19/01/2024 03:15	44.8	63.9	31.9
18/01/2024 15:30	59.6	71.4	49.1	19/01/2024 03:30	46.2	64.9	33.2
18/01/2024 15:45	59.4	71.8	50.3	19/01/2024 03:45	45.2	60.2	37.1
18/01/2024 16:00	59.8	73.5	50.5	19/01/2024 04:00	49.0	66.2	36.4
18/01/2024 16:15	60.2	70.4	51.7	19/01/2024 04:15	48.9	66.1	36.8
18/01/2024 16:30	59.6	71.3	47.9	19/01/2024 04:30	49.9	63.6	39.0
18/01/2024 16:45	58.4	68.0	50.8	19/01/2024 04:45	45.3	57.1	40.0
18/01/2024 17:00	59.1	71.5	50.4	19/01/2024 05:00	50.2	60.5	42.8
18/01/2024 17:15	58.3	68.6	46.8	19/01/2024 05:15	54.5	64.3	43.1
18/01/2024 17:30	58.9	69.6	46.5	19/01/2024 05:30	54.3	67.8	43.4
18/01/2024 17:45	57.8	70.6	44.6	19/01/2024 05:45	54.7	68.1	45.6
18/01/2024 18:00	56.5	66.5	43.3	19/01/2024 06:00	52.3	62.9	46.0
18/01/2024 18:15	56.0	68.7	44.7	19/01/2024 06:15	53.9	63.3	47.6
18/01/2024 18:30	56.1	67.6	44.6	19/01/2024 06:30	54.2	62.4	47.3
18/01/2024 18:45	55.8	70.9	41.0	19/01/2024 06:45	54.6	62.8	47.5
18/01/2024 19:00	55.6	68.4	41.0	19/01/2024 07:00	55.3	61.6	49.7
18/01/2024 19:15	54.2	72.5	38.8	19/01/2024 07:15	57.1	74.5	52.7
18/01/2024 19:30	51.7	67.4	38.1	19/01/2024 07:30	57.2	72.3	52.8
18/01/2024 19:45	52.9	68.2	39.2	19/01/2024 07:45	56.7	70.6	51.7
18/01/2024 20:00	52.0	65.3	36.9	19/01/2024 08:00	57.0	67.2	53.4
18/01/2024 20:15	54.6	67.5	38.1	19/01/2024 08:15	57.3	66.6	52.4
18/01/2024 20:30	51.9	65.0	36.0	19/01/2024 08:30	57.0	65.4	51.9
18/01/2024 20:45	49.6	66.5	36.6	19/01/2024 08:45	55.3	63.1	49.8
18/01/2024 21:00	50.6	62.8	38.8	19/01/2024 09:00	55.5	65.3	49.8
18/01/2024 21:15	52.9	67.5	37.2	19/01/2024 09:15	54.9	61.2	50.7
18/01/2024 21:30	52.4	71.2	37.2	19/01/2024 09:30	54.8	67.6	50.6
18/01/2024 21:45	52.1	67.7	36.6	19/01/2024 09:45	53.6	60.6	49.4
18/01/2024 22:00	50.4	64.5	35.9	19/01/2024 10:00	55.7	64.5	51.3
18/01/2024 22:15	49.7	64.1	35.0	19/01/2024 10:15	55.0	61.3	51.4
18/01/2024 22:30	53.5	70.9	35.1	19/01/2024 10:30	55.5	61.3	51.2
18/01/2024 22:45	48.3	63.4	35.0	19/01/2024 10:45	55.3	63.2	51.5
18/01/2024 23:00	50.4	67.6	34.8	19/01/2024 11:00	54.6	63.4	50.7
18/01/2024 23:15	48.9	64.9	36.1	19/01/2024 11:15	55.0	68.9	50.2
18/01/2024 23:30	45.6	61.7	35.2	19/01/2024 11:30	56.6	75.5	50.6
18/01/2024 23:45	46.8	60.2	34.9	19/01/2024 11:45	56.4	67.3	47.1
19/01/2024 00:00	45.3	62.8	34.2	19/01/2024 12:00	57.2	69.0	47.9
19/01/2024 00:15	45.0	62.0	35.9	19/01/2024 12:15	55.4	66.6	46.9
19/01/2024 00:30	43.5	59.5	32.5	19/01/2024 12:30	56.8	68.5	49.7
19/01/2024 00:45	41.7	56.9	34.0	19/01/2024 12:45	55.3	70.5	48.5
19/01/2024 01:00	45.3	68.0	33.5	19/01/2024 13:00	56.2	70.8	49.4
19/01/2024 01:15	45.6	60.4	33.0	19/01/2024 13:15	55.6	68.7	48.6
19/01/2024 01:30	34.3	42.3	31.8	19/01/2024 13:30	56.3	65.4	49.4

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Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB	Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB
19/01/2024 13:45	56.5	65.5	50.3	20/01/2024 01:45	43.0	50.7	40.1
19/01/2024 14:00	57.1	67.5	50.8	20/01/2024 02:00	43.9	55.5	39.3
19/01/2024 14:15	58.3	68.9	50.7	20/01/2024 02:15	42.9	56.8	38.3
19/01/2024 14:30	58.2	68.9	50.6	20/01/2024 02:30	41.9	54.7	38.2
19/01/2024 14:45	57.6	67.4	49.7	20/01/2024 02:45	42.1	58.6	34.3
19/01/2024 15:00	57.8	67.4	50.5	20/01/2024 03:00	41.1	57.5	36.5
19/01/2024 15:15	56.9	71.1	51.3	20/01/2024 03:15	41.7	55.0	37.9
19/01/2024 15:30	56.6	69.1	50.2	20/01/2024 03:30	42.8	56.9	38.1
19/01/2024 15:45	58.5	69.2	51.4	20/01/2024 03:45	45.2	60.6	40.2
19/01/2024 16:00	58.7	68.9	51.4	20/01/2024 04:00	46.1	58.2	41.1
19/01/2024 16:15	59.0	70.3	52.1	20/01/2024 04:15	46.9	57.8	41.3
19/01/2024 16:30	57.3	72.6	48.3	20/01/2024 04:30	48.4	58.7	44.7
19/01/2024 16:45	57.9	67.6	50.4	20/01/2024 04:45	47.4	57.4	43.2
19/01/2024 17:00	57.4	68.6	51.0	20/01/2024 05:00	50.4	63.2	44.4
19/01/2024 17:15	56.9	67.2	50.6	20/01/2024 05:15	49.7	59.4	44.8
19/01/2024 17:30	56.0	66.8	50.0	20/01/2024 05:30	51.0	64.7	45.9
19/01/2024 17:45	55.4	65.1	49.0	20/01/2024 05:45	50.1	62.0	44.4
19/01/2024 18:00	55.2	67.8	48.6	20/01/2024 06:00	49.8	61.6	43.9
19/01/2024 18:15	55.0	66.1	49.0	20/01/2024 06:15	50.8	59.6	45.4
19/01/2024 18:30	54.0	61.6	47.3	20/01/2024 06:30	53.6	67.4	48.7
19/01/2024 18:45	52.2	66.1	46.1	20/01/2024 06:45	53.2	64.0	48.7
19/01/2024 19:00	53.5	67.3	46.6	20/01/2024 07:00	52.3	65.0	47.7
19/01/2024 19:15	52.0	64.3	45.8	20/01/2024 07:15	54.4	65.6	49.9
19/01/2024 19:30	53.2	66.4	45.3	20/01/2024 07:30	54.5	69.5	50.2
19/01/2024 19:45	52.6	65.3	45.5	20/01/2024 07:45	53.6	68.8	48.4
19/01/2024 20:00	53.2	66.6	46.0	20/01/2024 08:00	54.0	76.6	48.4
19/01/2024 20:15	53.0	65.9	46.0	20/01/2024 08:15	54.2	75.9	49.2
19/01/2024 20:30	52.0	65.4	44.7	20/01/2024 08:30	55.6	67.2	51.3
19/01/2024 20:45	50.6	63.7	43.7	20/01/2024 08:45	55.4	73.8	49.3
19/01/2024 21:00	50.5	66.0	44.0	20/01/2024 09:00	53.5	62.7	47.6
19/01/2024 21:15	47.9	65.9	41.7	20/01/2024 09:15	54.2	64.0	48.3
19/01/2024 21:30	49.4	64.9	42.5	20/01/2024 09:30	56.1	68.6	48.9
19/01/2024 21:45	49.8	63.1	42.2	20/01/2024 09:45	55.1	72.9	48.1
19/01/2024 22:00	49.3	64.1	42.2	20/01/2024 10:00	56.3	66.2	49.8
19/01/2024 22:15	48.9	64.3	42.6	20/01/2024 10:15	58.2	77.3	53.4
19/01/2024 22:30	48.4	62.2	43.7	20/01/2024 10:30	57.0	66.3	52.3
19/01/2024 22:45	48.9	58.7	44.5	20/01/2024 10:45	57.2	67.1	52.3
19/01/2024 23:00	50.4	60.9	43.9	20/01/2024 11:00	56.8	69.4	51.2
19/01/2024 23:15	48.1	60.5	42.0	20/01/2024 11:15	56.8	67.2	51.3
19/01/2024 23:30	45.5	57.6	42.0	20/01/2024 11:30	59.0	74.0	52.6
19/01/2024 23:45	46.8	58.7	40.0	20/01/2024 11:45	58.5	76.4	51.3
20/01/2024 00:00	43.3	55.9	39.4	20/01/2024 12:00	56.9	68.4	51.4
20/01/2024 00:15	47.6	64.4	41.3	20/01/2024 12:15	57.0	68.7	49.4
20/01/2024 00:30	48.0	60.6	44.0	20/01/2024 12:30	56.2	66.9	51.1
20/01/2024 00:45	48.3	58.6	44.1	20/01/2024 12:45	56.6	70.9	49.8
20/01/2024 01:00	46.5	54.2	43.4	20/01/2024 13:00	56.0	66.8	50.0
20/01/2024 01:15	48.0	58.9	43.4	20/01/2024 13:15	55.7	69.5	49.3
20/01/2024 01:30	46.4	59.4	42.0	20/01/2024 13:30	56.3	70.7	49.3

Appendix E – Baseline Noise Survey Data Tween Bridge Solar Farm Baseline Noise Survey Report

Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB	Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB
20/01/2024 13:45	55.6	70.8	48.6	21/01/2024 01:45	52.3	59.7	48.3
20/01/2024 14:00	56.7	66.9	49.2	21/01/2024 02:00	51.0	58.9	47.1
20/01/2024 14:15	55.4	66.2	48.4	21/01/2024 02:15	50.1	58.8	47.1
20/01/2024 14:30	55.2	65.8	49.4	21/01/2024 02:30	50.1	57.8	47.0
20/01/2024 14:45	55.7	67.2	50.1	21/01/2024 02:45	53.5	63.3	49.6
20/01/2024 15:00	54.2	63.0	47.6	21/01/2024 03:00	54.4	64.8	49.1
20/01/2024 15:15	54.7	62.2	48.3	21/01/2024 03:15	54.7	63.4	49.9
20/01/2024 15:30	54.6	62.1	49.9	21/01/2024 03:30	54.0	63.5	48.4
20/01/2024 15:45	54.0	60.5	49.5	21/01/2024 03:45	51.9	61.7	47.4
20/01/2024 16:00	54.3	65.0	48.7	21/01/2024 04:00	51.7	61.0	46.5
20/01/2024 16:15	52.5	68.3	48.2	21/01/2024 04:15	51.6	59.7	47.6
20/01/2024 16:30	53.5	66.4	48.4	21/01/2024 04:30	49.7	59.5	44.2
20/01/2024 16:45	53.0	62.1	47.9	21/01/2024 04:45	48.1	61.7	41.4
20/01/2024 17:00	52.5	65.7	46.8	21/01/2024 05:00	50.9	68.9	43.5
20/01/2024 17:15	51.5	60.3	47.0	21/01/2024 05:15	46.3	58.5	41.2
20/01/2024 17:30	51.9	63.3	47.5	21/01/2024 05:30	48.4	62.0	39.9
20/01/2024 17:45	51.7	59.3	48.0	21/01/2024 05:45	46.6	61.4	41.6
20/01/2024 18:00	52.2	60.8	47.7	21/01/2024 06:00	48.6	59.7	43.6
20/01/2024 18:15	52.2	61.2	47.6	21/01/2024 06:15	48.5	64.0	44.3
20/01/2024 18:30	51.6	59.7	47.2	21/01/2024 06:30	49.8	63.7	44.0
20/01/2024 18:45	51.7	59.1	47.2	21/01/2024 06:45	50.6	64.1	44.7
20/01/2024 19:00	51.7	60.1	47.1	21/01/2024 07:00	50.8	63.4	45.9
20/01/2024 19:15	49.8	61.7	45.2	21/01/2024 07:15	50.2	65.4	44.8
20/01/2024 19:30	49.5	62.0	43.9	21/01/2024 07:30	51.8	65.4	45.2
20/01/2024 19:45	50.4	60.6	44.4	21/01/2024 07:45	51.4	65.5	45.1
20/01/2024 20:00	50.8	61.6	46.4	21/01/2024 08:00	50.7	69.3	44.9
20/01/2024 20:15	51.3	61.1	46.3	21/01/2024 08:15	51.5	69.7	46.4
20/01/2024 20:30	51.7	63.9	45.8	21/01/2024 08:30	53.2	65.0	46.4
20/01/2024 20:45	51.9	61.7	47.8	21/01/2024 08:45	53.4	69.3	47.3
20/01/2024 21:00	53.3	62.1	47.8	21/01/2024 09:00	54.0	67.9	48.1
20/01/2024 21:15	52.1	61.9	47.2	21/01/2024 09:15	54.9	66.1	48.0
20/01/2024 21:30	53.4	63.5	48.3	21/01/2024 09:30	54.1	66.0	48.4
20/01/2024 21:45	54.6	63.7	48.8	21/01/2024 09:45	56.2	67.9	49.0
20/01/2024 22:00	52.8	65.6	47.5	21/01/2024 10:00	56.2	69.6	50.2
20/01/2024 22:15	50.0	60.4	43.1	21/01/2024 10:15	56.3	70.5	50.8
20/01/2024 22:30	49.7	61.0	43.5	21/01/2024 10:30	56.6	67.6	50.7
20/01/2024 22:45	51.4	62.9	47.2	21/01/2024 10:45	55.3	66.2	48.7
20/01/2024 23:00	53.9	62.4	48.1	21/01/2024 11:00	54.6	66.9	48.7
20/01/2024 23:15	51.6	61.3	46.5	21/01/2024 11:15	55.3	67.2	49.7
20/01/2024 23:30	52.3	65.8	47.1	21/01/2024 11:30	55.4	71.1	49.5
20/01/2024 23:45	50.9	59.4	45.4	21/01/2024 11:45	54.4	64.9	48.4
21/01/2024 00:00	52.9	64.8	46.5	21/01/2024 12:00	56.8	67.4	52.4
21/01/2024 00:15	52.5	61.0	48.4	21/01/2024 12:15	57.7	67.5	52.9
21/01/2024 00:30	52.2	60.8	47.9	21/01/2024 12:30	58.6	66.9	54.2
21/01/2024 00:45	53.6	64.8	48.0	21/01/2024 12:45	57.3	69.7	53.0
21/01/2024 01:00	53.8	62.3	48.9	21/01/2024 13:00	59.3	68.5	54.8
21/01/2024 01:15	54.9	63.7	49.8	21/01/2024 13:15	60.4	71.1	55.1
21/01/2024 01:30	53.0	61.5	48.7	21/01/2024 13:30	59.6	69.7	53.5

Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB	Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB
21/01/2024 13:45	57.4	67.4	52.8	22/01/2024 01:45	59.5	71.2	51.7
21/01/2024 14:00	58.2	68.5	52.6	22/01/2024 02:00	62.7	76.2	55.1
21/01/2024 14:15	58.3	70.4	52.6	22/01/2024 02:15	60.5	72.2	53.5
21/01/2024 14:30	62.1	71.3	56.7	22/01/2024 02:30	59.0	70.4	49.3
21/01/2024 14:45	60.5	71.4	55.1	22/01/2024 02:45	59.3	72.9	52.7
21/01/2024 15:00	62.0	71.8	55.6	22/01/2024 03:00	62.8	73.8	55.1
21/01/2024 15:15	62.3	71.9	57.3	22/01/2024 03:15	63.6	74.4	54.3
21/01/2024 15:30	61.3	75.4	55.3	22/01/2024 03:30	58.9	70.6	52.2
21/01/2024 15:45	63.4	73.5	57.6	22/01/2024 03:45	55.5	66.1	48.7
21/01/2024 16:00	64.9	73.6	58.7	22/01/2024 04:00	60.2	72.5	53.9
21/01/2024 16:15	66.3	79.6	60.0	22/01/2024 04:15	61.6	72.4	55.2
21/01/2024 16:30	65.9	76.0	59.1	22/01/2024 04:30	62.9	75.6	57.5
21/01/2024 16:45	63.6	72.4	58.2	22/01/2024 04:45	63.0	72.8	56.0
21/01/2024 17:00	66.7	77.3	60.0	22/01/2024 05:00	61.7	72.5	54.9
21/01/2024 17:15	69.1	81.5	61.2	22/01/2024 05:15	59.3	68.4	53.8
21/01/2024 17:30	69.0	83.0	61.6	22/01/2024 05:30	58.9	68.6	52.5
21/01/2024 17:45	68.2	77.9	61.1	22/01/2024 05:45	58.4	67.2	52.4
21/01/2024 18:00	69.5	80.0	61.5	22/01/2024 06:00	57.3	69.4	51.0
21/01/2024 18:15	68.1	79.4	63.0	22/01/2024 06:15	57.2	68.3	51.5
21/01/2024 18:30	68.8	80.9	62.6	22/01/2024 06:30	58.1	69.6	52.3
21/01/2024 18:45	69.9	80.3	63.9	22/01/2024 06:45	59.5	72.6	53.4
21/01/2024 19:00	71.1	80.9	64.1	22/01/2024 07:00	57.8	70.2	52.3
21/01/2024 19:15	65.7	76.4	60.1	22/01/2024 07:15	59.1	68.8	54.2
21/01/2024 19:30	67.1	77.5	61.4	22/01/2024 07:30	60.9	69.5	55.2
21/01/2024 19:45	68.2	79.3	60.5	22/01/2024 07:45	59.6	69.1	53.5
21/01/2024 20:00	68.8	78.3	60.5	22/01/2024 08:00	59.5	68.0	53.8
21/01/2024 20:15	67.6	78.5	60.9	22/01/2024 08:15	60.0	69.8	54.8
21/01/2024 20:30	68.1	77.4	60.9	22/01/2024 08:30	59.5	70.0	54.4
21/01/2024 20:45	68.5	79.5	60.9	22/01/2024 08:45	60.4	68.7	55.0
21/01/2024 21:00	68.9	79.4	63.0	22/01/2024 09:00	59.7	73.1	53.6
21/01/2024 21:15	70.3	78.9	63.9	22/01/2024 09:15	60.0	69.6	54.9
21/01/2024 21:30	68.6	79.4	62.8	22/01/2024 09:30	60.1	73.0	53.3
21/01/2024 21:45	70.1	81.7	62.8	22/01/2024 09:45	57.4	68.2	51.1
21/01/2024 22:00	69.1	80.7	62.5	22/01/2024 10:00	59.6	69.5	52.7
21/01/2024 22:15	67.9	80.5	61.3	22/01/2024 10:15	59.9	68.2	54.7
21/01/2024 22:30	64.8	75.0	59.1	22/01/2024 10:30	58.0	68.6	52.0
21/01/2024 22:45	63.9	74.4	55.0	22/01/2024 10:45	59.9	72.2	53.1
21/01/2024 23:00	63.4	76.2	57.2	22/01/2024 11:00	62.5	72.7	55.4
21/01/2024 23:15	63.4	72.7	57.3	22/01/2024 11:15	59.7	73.7	54.2
21/01/2024 23:30	68.7	80.8	61.7	22/01/2024 11:30	59.1	71.5	50.7
21/01/2024 23:45	65.0	75.8	57.6	22/01/2024 11:45	62.3	70.9	55.7
22/01/2024 00:00	60.2	70.2	54.0	22/01/2024 12:00	60.1	68.8	53.7
22/01/2024 00:15	64.6	75.9	56.4	22/01/2024 12:15	60.1	69.7	53.7
22/01/2024 00:30	63.7	76.2	56.7	22/01/2024 12:30	61.1	70.7	56.4
22/01/2024 00:45	65.4	80.0	57.4	22/01/2024 12:45	60.9	73.1	54.9
22/01/2024 01:00	61.5	74.0	54.6	22/01/2024 13:00	58.5	72.1	51.1
22/01/2024 01:15	66.7	78.1	51.8	22/01/2024 13:15	60.4	72.5	53.0
22/01/2024 01:30	65.5	76.7	54.8	22/01/2024 13:30	59.7	70.7	52.6

Appendix E – Baseline Noise Survey Data Tween Bridge Solar Farm Baseline Noise Survey Report

Time	LAeq dB	max (FAS dB	LAF90 dB	Time	LAeq dB	max (FAS dB	LAF90 dB
22/01/2024 13:45	60.7	71.0	54.5	23/01/2024 01:45	48.4	58.9	41.8
22/01/2024 14:00	60.6	68.4	55.2	23/01/2024 02:00	47.3	64.4	41.2
22/01/2024 14:15	59.4	71.4	52.9	23/01/2024 02:15	48.1	66.1	43.1
22/01/2024 14:30	59.5	68.5	54.3	23/01/2024 02:30	52.9	69.2	47.2
22/01/2024 14:45	58.8	75.1	53.0	23/01/2024 02:45	49.2	59.7	43.6
22/01/2024 15:00	59.0	70.7	52.0	23/01/2024 03:00	45.5	66.5	37.1
22/01/2024 15:15	57.7	67.2	51.1	23/01/2024 03:15	45.5	64.8	38.1
22/01/2024 15:30	59.4	71.9	53.2	23/01/2024 03:30	42.7	60.8	34.9
22/01/2024 15:45	59.5	70.4	53.1	23/01/2024 03:45	45.4	61.4	37.9
22/01/2024 16:00	58.6	68.9	52.6	23/01/2024 04:00	49.3	69.0	39.9
22/01/2024 16:15	58.9	68.1	52.9	23/01/2024 04:15	50.2	63.1	42.9
22/01/2024 16:30	62.2	70.3	56.6	23/01/2024 04:30	50.4	63.8	43.2
22/01/2024 16:45	60.3	70.1	54.2	23/01/2024 04:45	51.9	66.5	43.9
22/01/2024 17:00	61.2	73.4	55.5	23/01/2024 05:00	51.9	64.5	44.5
22/01/2024 17:15	61.9	70.4	55.7	23/01/2024 05:15	51.9	63.8	45.9
22/01/2024 17:30	62.1	70.1	57.2	23/01/2024 05:30	54.4	64.8	47.7
22/01/2024 17:45	60.3	71.9	54.5	23/01/2024 05:45	53.8	65.4	48.7
22/01/2024 18:00	57.1	69.9	49.9	23/01/2024 06:00	53.7	62.2	49.8
22/01/2024 18:15	56.7	71.4	49.8	23/01/2024 06:15	54.0	64.2	49.5
22/01/2024 18:30	59.1	68.5	52.0	23/01/2024 06:30	53.9	63.0	49.1
22/01/2024 18:45	59.9	69.1	53.9	23/01/2024 06:45	54.8	62.1	50.7
22/01/2024 19:00	60.1	70.3	52.9	23/01/2024 07:00	55.1	61.8	51.6
22/01/2024 19:15	60.4	72.8	53.2	23/01/2024 07:15	56.4	62.5	52.7
22/01/2024 19:30	61.9	72.8	55.3	23/01/2024 07:30	56.4	67.5	52.6
22/01/2024 19:45	63.3	75.7	55.8	23/01/2024 07:45	56.2	67.9	52.7
22/01/2024 20:00	56.3	67.1	50.2	23/01/2024 08:00	56.3	63.7	52.5
22/01/2024 20:15	53.6	67.8	46.9	23/01/2024 08:15	54.8	61.9	51.1
22/01/2024 20:30	53.6	66.9	46.8	23/01/2024 08:30	55.1	72.7	51.3
22/01/2024 20:45	54.7	72.1	45.4	23/01/2024 08:45	54.6	71.8	51.0
22/01/2024 21:00	55.5	69.9	48.0	23/01/2024 09:00	54.5	64.3	51.4
22/01/2024 21:15	55.8	73.4	48.5	23/01/2024 09:15	54.5	67.2	51.6
22/01/2024 21:30	59.3	68.2	52.9	23/01/2024 09:30	54.7	77.7	51.4
22/01/2024 21:45	57.9	69.7	51.5	23/01/2024 09:45	54.7	65.9	51.6
22/01/2024 22:00	58.6	69.3	52.1	23/01/2024 10:00	54.4	63.1	50.9
22/01/2024 22:15	58.0	70.2	52.0	23/01/2024 10:15	54.4	62.4	51.7
22/01/2024 22:30	58.2	70.4	51.6	23/01/2024 10:30	55.3	67.4	52.2
22/01/2024 22:45	56.2	73.3	49.3	23/01/2024 10:45	56.7	68.5	53.5
22/01/2024 23:00	54.2	68.7	47.9	23/01/2024 11:00	57.6	64.4	54.7
22/01/2024 23:15	57.6	69.9	50.5	23/01/2024 11:15	58.8	67.5	54.8
22/01/2024 23:30	50.7	61.5	45.4	23/01/2024 11:30	58.8	70.4	55.2
22/01/2024 23:45	53.2	64.3	47.4	23/01/2024 11:45	57.6	66.3	54.8
23/01/2024 00:00	53.5	65.2	44.7	23/01/2024 12:00	57.2	65.4	53.3
23/01/2024 00:15	51.0	64.5	45.3	23/01/2024 12:15	55.5	61.7	52.7
23/01/2024 00:30	52.1	70.5	44.3	23/01/2024 12:30	54.7	64.6	52.0
23/01/2024 00:45	51.9	65.2	46.4	23/01/2024 12:45	55.6	62.8	52.3
23/01/2024 01:00	50.2	65.9	44.4	23/01/2024 13:00	55.4	62.7	52.3
23/01/2024 01:15	50.0	64.5	43.2	23/01/2024 13:15	55.9	62.5	52.9
23/01/2024 01:30	48.8	64.2	43.4	23/01/2024 13:30	56.2	62.1	53.1

Time	LAeq dB	max (FAS dB	LAF90 dB	Time	LAeq dB	max (FAS dB	LAF90 dB
23/01/2024 13:45	57.3	71.2	53.8	24/01/2024 01:45	64.2	74.4	56.4
23/01/2024 14:00	58.1	68.5	54.0	24/01/2024 02:00	65.9	81.0	58.4
23/01/2024 14:15	58.5	67.0	54.4	24/01/2024 02:15	68.4	80.3	61.0
23/01/2024 14:30	58.8	69.8	54.6	24/01/2024 02:30	67.1	79.2	59.2
23/01/2024 14:45	57.8	67.9	52.7	24/01/2024 02:45	72.0	84.0	64.1
23/01/2024 15:00	58.3	67.4	53.6	24/01/2024 03:00	71.8	86.9	63.7
23/01/2024 15:15	59.4	72.4	54.6	24/01/2024 03:15	70.2	83.8	62.6
23/01/2024 15:30	58.7	70.6	54.2	24/01/2024 03:30	68.7	79.6	62.6
23/01/2024 15:45	59.4	71.8	55.8	24/01/2024 03:45	65.8	76.5	60.2
23/01/2024 16:00	59.7	70.0	55.9	24/01/2024 04:00	65.5	78.6	56.8
23/01/2024 16:15	59.3	67.5	54.7	24/01/2024 04:15	67.7	82.8	59.3
23/01/2024 16:30	59.0	68.9	54.0	24/01/2024 04:30	66.5	77.5	58.3
23/01/2024 16:45	57.2	66.1	52.8	24/01/2024 04:45	67.1	77.7	60.6
23/01/2024 17:00	57.1	66.4	50.6	24/01/2024 05:00	65.9	77.4	59.7
23/01/2024 17:15	57.5	68.9	52.0	24/01/2024 05:15	68.6	80.4	62.2
23/01/2024 17:30	59.0	74.7	54.4	24/01/2024 05:30	68.8	81.6	62.2
23/01/2024 17:45	59.0	70.8	53.9	24/01/2024 05:45	67.0	78.4	60.0
23/01/2024 18:00	58.1	69.0	53.1	24/01/2024 06:00	64.6	77.3	59.7
23/01/2024 18:15	59.5	68.7	54.3	24/01/2024 06:15	66.3	79.6	60.8
23/01/2024 18:30	60.1	69.7	54.5	24/01/2024 06:30	67.1	75.8	62.2
23/01/2024 18:45	59.0	68.7	53.8	24/01/2024 06:45	66.6	78.3	60.9
23/01/2024 19:00	58.2	71.7	53.3	24/01/2024 07:00	65.3	75.2	59.5
23/01/2024 19:15	58.5	71.9	53.8	24/01/2024 07:15	65.1	77.5	59.8
23/01/2024 19:30	55.6	65.6	49.5	24/01/2024 07:30	65.2	76.3	60.6
23/01/2024 19:45	59.3	71.4	52.2	24/01/2024 07:45	65.1	77.9	59.5
23/01/2024 20:00	60.0	72.6	53.5	24/01/2024 08:00	62.7	71.9	57.8
23/01/2024 20:15	57.6	68.5	50.6	24/01/2024 08:15	63.7	76.4	58.1
23/01/2024 20:30	54.8	69.8	48.4	24/01/2024 08:30	62.3	73.3	56.1
23/01/2024 20:45	62.8	74.0	52.6	24/01/2024 08:45	61.5	72.0	55.7
23/01/2024 21:00	60.1	70.7	53.9	24/01/2024 09:00	62.5	78.7	56.1
23/01/2024 21:15	61.8	74.6	54.4	24/01/2024 09:15	62.5	73.6	56.9
23/01/2024 21:30	63.4	75.3	55.3	24/01/2024 09:30	60.9	74.1	55.0
23/01/2024 21:45	65.8	75.9	58.3	24/01/2024 09:45	61.6	72.4	55.4
23/01/2024 22:00	64.1	76.4	57.7	24/01/2024 10:00	61.2	70.0	55.4
23/01/2024 22:15	68.1	78.5	60.9	24/01/2024 10:15	61.9	72.9	55.7
23/01/2024 22:30	66.5	79.8	58.5	24/01/2024 10:30	61.7	71.7	55.0
23/01/2024 22:45	62.1	73.2	54.5	24/01/2024 10:45	59.0	68.8	52.6
23/01/2024 23:00	65.8	79.4	57.4	24/01/2024 11:00	60.1	74.8	54.0
23/01/2024 23:15	67.6	79.0	58.8	24/01/2024 11:15	59.4	70.3	52.8
23/01/2024 23:30	60.3	72.7	53.8	24/01/2024 11:30	59.4	73.3	50.3
23/01/2024 23:45	62.6	74.5	51.6	24/01/2024 11:45	58.6	71.0	50.1
24/01/2024 00:00	62.7	72.1	53.5	24/01/2024 12:00	59.0	71.6	52.8
24/01/2024 00:15	62.1	73.5	55.3	24/01/2024 12:15	58.3	70.9	52.0
24/01/2024 00:30	62.3	74.2	52.4	24/01/2024 12:30	59.2	72.7	49.8
24/01/2024 00:45	64.7	76.1	58.1	24/01/2024 12:45	57.5	70.0	50.2
24/01/2024 01:00	63.5	71.6	56.4	24/01/2024 13:00	58.1	72.7	49.3
24/01/2024 01:15	64.6	75.1	57.8	24/01/2024 13:15	58.9	71.5	52.5
24/01/2024 01:30	66.6	77.8	57.3	24/01/2024 13:30	58.1	69.4	51.5

Appendix E – Baseline Noise Survey Data Tween Bridge Solar Farm Baseline Noise Survey Report

MP3

Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB	Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB
18/01/2024 13:15	62.5	77.2	59.3	19/01/2024 01:15	56.1	67.9	41.4
18/01/2024 13:30	62.9	68.5	60.1	19/01/2024 01:30	55.0	64.7	42.9
18/01/2024 13:45	62.7	69.6	59.7	19/01/2024 01:45	55.3	67.1	37.3
18/01/2024 14:00	62.8	68.1	59.8	19/01/2024 02:00	55.5	68.0	40.5
18/01/2024 14:15	63.4	71.7	60.5	19/01/2024 02:15	55.4	66.4	38.6
18/01/2024 14:30	63.4	80.5	60.0	19/01/2024 02:30	53.5	65.8	36.0
18/01/2024 14:45	63.8	72.9	60.8	19/01/2024 02:45	54.8	66.5	41.9
18/01/2024 15:00	63.1	69.4	60.2	19/01/2024 03:00	55.1	67.3	38.7
18/01/2024 15:15	63.3	70.0	60.3	19/01/2024 03:15	56.2	67.2	40.5
18/01/2024 15:30	63.3	68.9	60.4	19/01/2024 03:30	56.8	73.1	44.8
18/01/2024 15:45	63.8	69.1	60.4	19/01/2024 03:45	56.2	65.7	40.5
18/01/2024 16:00	64.6	70.0	61.4	19/01/2024 04:00	57.8	65.7	47.4
18/01/2024 16:15	65.0	70.6	62.2	19/01/2024 04:15	59.0	68.5	51.0
18/01/2024 16:30	65.4	73.2	62.5	19/01/2024 04:30	60.9	70.3	51.9
18/01/2024 16:45	64.9	71.2	61.9	19/01/2024 04:45	62.0	69.7	55.5
18/01/2024 17:00	64.7	72.2	61.6	19/01/2024 05:00	62.3	71.1	56.9
18/01/2024 17:15	64.5	71.8	61.6	19/01/2024 05:15	63.4	70.7	58.7
18/01/2024 17:30	64.5	74.5	61.5	19/01/2024 05:30	63.4	70.3	59.3
18/01/2024 17:45	64.1	70.5	60.7	19/01/2024 05:45	64.2	70.7	60.3
18/01/2024 18:00	63.4	68.4	60.5	19/01/2024 06:00	64.4	69.7	61.1
18/01/2024 18:15	63.2	70.1	59.9	19/01/2024 06:15	64.3	69.5	61.4
18/01/2024 18:30	63.1	69.6	59.8	19/01/2024 06:30	65.2	71.2	62.6
18/01/2024 18:45	61.0	66.7	57.2	19/01/2024 06:45	65.2	70.4	63.1
18/01/2024 19:00	59.6	68.5	55.9	19/01/2024 07:00	66.5	77.1	63.5
18/01/2024 19:15	60.4	66.7	55.5	19/01/2024 07:15	66.7	74.7	64.5
18/01/2024 19:30	61.8	69.2	57.5	19/01/2024 07:30	66.5	75.2	64.7
18/01/2024 19:45	61.7	68.3	56.9	19/01/2024 07:45	65.0	70.5	63.0
18/01/2024 20:00	62.3	75.9	57.5	19/01/2024 08:00	63.6	68.5	61.4
18/01/2024 20:15	61.5	68.6	55.5	19/01/2024 08:15	64.6	76.7	62.6
18/01/2024 20:30	61.3	68.9	56.0	19/01/2024 08:30	66.0	69.6	64.5
18/01/2024 20:45	60.8	70.2	54.0	19/01/2024 08:45	65.5	70.3	63.3
18/01/2024 21:00	60.3	69.0	53.4	19/01/2024 09:00	64.6	73.0	62.5
18/01/2024 21:15	59.4	68.1	51.7	19/01/2024 09:15	64.2	70.1	62.2
18/01/2024 21:30	59.2	67.0	51.2	19/01/2024 09:30	63.9	69.2	61.8
18/01/2024 21:45	58.4	68.2	48.8	19/01/2024 09:45	63.7	68.9	61.1
18/01/2024 22:00	58.4	67.2	49.2	19/01/2024 10:00	63.6	68.4	61.3
18/01/2024 22:15	58.4	69.3	48.6	19/01/2024 10:15	64.0	68.4	61.6
18/01/2024 22:30	58.1	68.1	48.5	19/01/2024 10:30	64.7	69.9	62.5
18/01/2024 22:45	58.8	68.5	48.8	19/01/2024 10:45	64.8	69.4	62.3
18/01/2024 23:00	57.4	67.2	47.9	19/01/2024 11:00	64.5	70.0	61.8
18/01/2024 23:15	56.7	66.8	46.6	19/01/2024 11:15	63.6	68.9	61.4
18/01/2024 23:30	56.7	67.5	44.9	19/01/2024 11:30	64.5	71.6	62.0
18/01/2024 23:45	55.9	66.9	44.1	19/01/2024 11:45	65.1	71.3	61.9
19/01/2024 00:00	56.8	67.7	44.6	19/01/2024 12:00	64.9	70.2	61.9
19/01/2024 00:15	56.7	66.9	45.7	19/01/2024 12:15	64.8	71.0	62.0
19/01/2024 00:30	55.7	66.4	41.6	19/01/2024 12:30	65.0	69.8	62.4
19/01/2024 00:45	56.0	66.2	41.6	19/01/2024 12:45	65.5	70.9	63.0
19/01/2024 01:00	55.8	67.2	44.4	19/01/2024 13:00	65.9	72.9	63.2

Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB	Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB
19/01/2024 13:15	65.9	72.9	63.2	20/01/2024 01:15	55.1	67.6	39.9
19/01/2024 13:30	65.8	70.9	63.1	20/01/2024 01:30	55.3	67.4	44.5
19/01/2024 13:45	65.6	70.8	62.7	20/01/2024 01:45	54.6	67.6	40.6
19/01/2024 14:00	65.4	70.2	62.7	20/01/2024 02:00	55.2	66.9	41.9
19/01/2024 14:15	65.5	71.6	62.9	20/01/2024 02:15	53.6	66.4	36.2
19/01/2024 14:30	66.0	73.3	63.4	20/01/2024 02:30	53.7	67.9	39.6
19/01/2024 14:45	65.6	72.3	62.8	20/01/2024 02:45	54.3	69.5	38.3
19/01/2024 15:00	65.8	72.2	62.6	20/01/2024 03:00	55.8	68.0	40.1
19/01/2024 15:15	65.2	72.5	62.4	20/01/2024 03:15	56.5	67.8	43.6
19/01/2024 15:30	65.3	70.3	62.5	20/01/2024 03:30	55.2	68.2	43.7
19/01/2024 15:45	65.2	70.5	62.7	20/01/2024 03:45	56.2	70.1	40.9
19/01/2024 16:00	65.4	72.7	62.5	20/01/2024 04:00	56.1	68.3	44.0
19/01/2024 16:15	65.9	73.3	63.3	20/01/2024 04:15	54.3	68.8	42.9
19/01/2024 16:30	66.1	71.9	63.5	20/01/2024 04:30	58.4	74.3	46.3
19/01/2024 16:45	65.9	73.6	63.4	20/01/2024 04:45	57.7	68.9	47.9
19/01/2024 17:00	65.0	69.8	62.6	20/01/2024 05:00	57.5	68.5	47.5
19/01/2024 17:15	65.1	74.3	62.3	20/01/2024 05:15	56.9	67.7	45.5
19/01/2024 17:30	65.1	71.2	62.3	20/01/2024 05:30	59.5	69.8	52.9
19/01/2024 17:45	65.0	72.9	62.2	20/01/2024 05:45	58.8	68.4	52.3
19/01/2024 18:00	65.1	72.0	62.2	20/01/2024 06:00	59.2	69.5	50.7
19/01/2024 18:15	64.4	70.2	61.5	20/01/2024 06:15	60.6	69.0	54.2
19/01/2024 18:30	64.0	72.6	60.9	20/01/2024 06:30	59.9	70.9	52.8
19/01/2024 18:45	63.9	70.0	59.7	20/01/2024 06:45	61.2	69.3	56.3
19/01/2024 19:00	63.0	70.9	58.3	20/01/2024 07:00	61.2	69.0	57.0
19/01/2024 19:15	62.5	70.2	57.8	20/01/2024 07:15	62.7	74.7	58.1
19/01/2024 19:30	61.9	71.1	57.0	20/01/2024 07:30	62.5	74.0	58.3
19/01/2024 19:45	61.3	69.8	55.1	20/01/2024 07:45	62.3	75.0	57.7
19/01/2024 20:00	61.1	70.4	56.0	20/01/2024 08:00	62.0	70.9	57.3
19/01/2024 20:15	61.2	70.7	55.4	20/01/2024 08:15	62.4	69.3	58.3
19/01/2024 20:30	61.1	69.6	54.9	20/01/2024 08:30	63.1	74.2	58.4
19/01/2024 20:45	60.0	69.4	52.7	20/01/2024 08:45	62.8	73.4	59.0
19/01/2024 21:00	60.7	71.8	53.9	20/01/2024 09:00	62.7	70.6	58.5
19/01/2024 21:15	60.2	70.1	51.6	20/01/2024 09:15	62.9	71.3	59.6
19/01/2024 21:30	59.4	67.8	51.1	20/01/2024 09:30	63.0	72.8	59.4
19/01/2024 21:45	58.7	68.3	50.7	20/01/2024 09:45	63.7	70.4	60.3
19/01/2024 22:00	59.0	67.4	51.5	20/01/2024 10:00	63.6	74.3	60.0
19/01/2024 22:15	58.8	68.1	48.4	20/01/2024 10:15	64.3	72.9	60.8
19/01/2024 22:30	58.3	70.8	48.4	20/01/2024 10:30	64.0	70.7	60.6
19/01/2024 22:45	58.3	67.7	50.5	20/01/2024 10:45	64.9	73.4	61.6
19/01/2024 23:00	59.0	70.4	50.7	20/01/2024 11:00	64.6	71.5	61.5
19/01/2024 23:15	58.1	68.6	47.6	20/01/2024 11:15	64.5	72.7	61.2
19/01/2024 23:30	59.1	69.4	49.2	20/01/2024 11:30	64.5	71.6	61.2
19/01/2024 23:45	58.6	69.4	49.6	20/01/2024 11:45	64.4	71.7	61.2
20/01/2024 00:00	58.4	69.5	50.1	20/01/2024 12:00	64.4	74.3	60.3
20/01/2024 00:15	57.6	68.9	47.4	20/01/2024 12:15	64.4	71.3	60.6
20/01/2024 00:30	58.3	69.5	48.8	20/01/2024 12:30	64.5	71.5	60.9
20/01/2024 00:45	57.6	68.1	49.2	20/01/2024 12:45	64.4	71.3	60.9
20/01/2024 01:00	57.4	68.5	43.8	20/01/2024 13:00	64.8	71.6	61.5

Appendix E – Baseline Noise Survey Data Tween Bridge Solar Farm Baseline Noise Survey Report

Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB	Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB
20/01/2024 13:15	64.8	71.7	61.4	21/01/2024 01:15	56.8	69.1	46.5
20/01/2024 13:30	64.7	71.6	60.8	21/01/2024 01:30	55.9	68.6	43.6
20/01/2024 13:45	64.8	77.6	60.9	21/01/2024 01:45	56.1	69.2	43.1
20/01/2024 14:00	63.7	72.2	60.2	21/01/2024 02:00	55.4	68.9	42.8
20/01/2024 14:15	64.1	72.8	60.4	21/01/2024 02:15	55.7	68.6	39.5
20/01/2024 14:30	64.3	71.9	60.5	21/01/2024 02:30	53.8	66.6	38.5
20/01/2024 14:45	64.3	73.1	60.8	21/01/2024 02:45	56.9	69.7	43.0
20/01/2024 15:00	64.1	71.0	60.9	21/01/2024 03:00	53.6	68.3	42.2
20/01/2024 15:15	64.0	70.2	60.9	21/01/2024 03:15	54.4	69.1	42.4
20/01/2024 15:30	64.2	75.8	61.3	21/01/2024 03:30	55.1	68.6	40.0
20/01/2024 15:45	64.7	71.1	61.6	21/01/2024 03:45	55.5	67.5	42.7
20/01/2024 16:00	62.9	70.2	59.7	21/01/2024 04:00	55.2	68.6	39.5
20/01/2024 16:15	62.6	67.5	59.9	21/01/2024 04:15	55.2	70.4	40.7
20/01/2024 16:30	62.4	68.1	59.7	21/01/2024 04:30	56.2	72.2	41.5
20/01/2024 16:45	63.2	71.9	60.1	21/01/2024 04:45	55.8	69.7	41.2
20/01/2024 17:00	64.2	70.2	61.1	21/01/2024 05:00	57.7	69.3	44.6
20/01/2024 17:15	64.8	70.8	61.4	21/01/2024 05:15	58.0	68.1	49.9
20/01/2024 17:30	64.6	71.0	61.3	21/01/2024 05:30	59.1	70.7	48.1
20/01/2024 17:45	64.6	75.1	61.2	21/01/2024 05:45	57.6	67.9	46.0
20/01/2024 18:00	64.2	70.7	61.1	21/01/2024 06:00	60.4	69.9	49.9
20/01/2024 18:15	63.4	71.2	59.7	21/01/2024 06:15	60.4	69.8	53.4
20/01/2024 18:30	63.0	70.8	58.6	21/01/2024 06:30	60.5	69.5	52.9
20/01/2024 18:45	63.0	71.4	58.6	21/01/2024 06:45	60.5	70.2	51.8
20/01/2024 19:00	62.9	72.3	58.9	21/01/2024 07:00	61.2	70.9	52.5
20/01/2024 19:15	62.9	70.9	58.5	21/01/2024 07:15	61.0	77.6	53.5
20/01/2024 19:30	62.8	70.9	58.2	21/01/2024 07:30	61.7	70.5	54.5
20/01/2024 19:45	61.5	70.1	56.1	21/01/2024 07:45	62.2	71.6	55.9
20/01/2024 20:00	61.8	69.2	57.2	21/01/2024 08:00	62.5	74.7	56.9
20/01/2024 20:15	60.8	72.6	53.5	21/01/2024 08:15	62.8	73.4	58.0
20/01/2024 20:30	61.0	71.9	56.2	21/01/2024 08:30	62.5	70.3	57.2
20/01/2024 20:45	61.2	69.1	54.7	21/01/2024 08:45	63.6	74.3	59.0
20/01/2024 21:00	60.0	69.0	53.1	21/01/2024 09:00	63.8	75.7	58.4
20/01/2024 21:15	60.4	69.4	53.7	21/01/2024 09:15	64.3	72.9	60.2
20/01/2024 21:30	60.8	70.0	54.8	21/01/2024 09:30	64.1	73.9	59.7
20/01/2024 21:45	59.9	70.1	50.3	21/01/2024 09:45	64.8	73.5	60.2
20/01/2024 22:00	60.3	70.5	52.8	21/01/2024 10:00	64.7	72.6	61.0
20/01/2024 22:15	59.3	69.5	48.1	21/01/2024 10:15	64.0	72.3	59.8
20/01/2024 22:30	59.2	70.3	49.2	21/01/2024 10:30	64.5	73.1	60.6
20/01/2024 22:45	58.5	69.3	49.0	21/01/2024 10:45	64.8	72.9	60.7
20/01/2024 23:00	59.2	70.5	50.4	21/01/2024 11:00	65.2	73.5	61.6
20/01/2024 23:15	58.3	69.1	48.1	21/01/2024 11:15	65.8	72.6	62.2
20/01/2024 23:30	57.9	70.3	45.0	21/01/2024 11:30	65.6	72.1	62.5
20/01/2024 23:45	58.6	69.9	48.4	21/01/2024 11:45	64.9	73.5	61.4
21/01/2024 00:00	56.9	69.1	45.8	21/01/2024 12:00	65.1	76.1	61.8
21/01/2024 00:15	57.8	69.9	45.1	21/01/2024 12:15	65.6	71.7	62.2
21/01/2024 00:30	57.7	70.2	44.8	21/01/2024 12:30	66.2	72.6	63.2
21/01/2024 00:45	57.6	70.7	44.1	21/01/2024 12:45	65.6	71.5	61.7
21/01/2024 01:00	57.1	69.8	44.3	21/01/2024 13:00	65.6	73.9	62.1

Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB	Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB
21/01/2024 13:15	65.4	72.1	61.9	22/01/2024 01:15	56.6	69.5	49.1
21/01/2024 13:30	65.8	75.2	62.3	22/01/2024 01:30	64.1	77.1	51.8
21/01/2024 13:45	65.2	73.1	61.5	22/01/2024 01:45	59.3	73.0	51.7
21/01/2024 14:00	65.7	74.5	62.3	22/01/2024 02:00	65.1	80.9	55.3
21/01/2024 14:15	65.7	73.1	62.4	22/01/2024 02:15	61.9	72.4	55.7
21/01/2024 14:30	66.2	72.7	62.7	22/01/2024 02:30	57.1	69.5	49.2
21/01/2024 14:45	66.3	73.6	62.9	22/01/2024 02:45	58.7	71.6	50.2
21/01/2024 15:00	66.4	77.7	63.3	22/01/2024 03:00	59.2	72.2	50.3
21/01/2024 15:15	66.4	73.7	63.6	22/01/2024 03:15	61.6	73.4	53.2
21/01/2024 15:30	66.2	75.4	63.1	22/01/2024 03:30	61.2	73.4	51.9
21/01/2024 15:45	66.4	72.5	63.3	22/01/2024 03:45	59.0	70.5	50.3
21/01/2024 16:00	66.3	74.9	63.2	22/01/2024 04:00	61.1	72.8	52.6
21/01/2024 16:15	66.5	72.7	63.2	22/01/2024 04:15	61.7	75.0	56.4
21/01/2024 16:30	66.1	72.8	62.9	22/01/2024 04:30	63.1	76.7	56.9
21/01/2024 16:45	66.0	72.5	62.6	22/01/2024 04:45	64.1	75.3	58.8
21/01/2024 17:00	65.9	74.5	62.3	22/01/2024 05:00	64.0	72.6	58.8
21/01/2024 17:15	65.8	71.6	62.7	22/01/2024 05:15	63.2	71.9	59.3
21/01/2024 17:30	65.9	74.9	62.8	22/01/2024 05:30	63.9	71.7	59.9
21/01/2024 17:45	65.7	73.6	61.7	22/01/2024 05:45	64.2	73.8	60.4
21/01/2024 18:00	65.3	72.6	62.0	22/01/2024 06:00	64.6	71.1	60.9
21/01/2024 18:15	65.3	77.1	61.8	22/01/2024 06:15	65.3	74.9	61.7
21/01/2024 18:30	64.7	72.2	61.3	22/01/2024 06:30	66.0	72.5	62.8
21/01/2024 18:45	64.8	73.9	61.8	22/01/2024 06:45	66.3	73.5	63.8
21/01/2024 19:00	64.7	73.1	60.9	22/01/2024 07:00	66.6	76.8	63.6
21/01/2024 19:15	65.1	76.3	61.2	22/01/2024 07:15	67.0	73.7	64.2
21/01/2024 19:30	64.0	71.9	60.1	22/01/2024 07:30	67.0	73.9	64.4
21/01/2024 19:45	63.9	72.1	60.3	22/01/2024 07:45	66.2	76.1	63.3
21/01/2024 20:00	63.2	72.6	59.1	22/01/2024 08:00	66.2	74.2	63.5
21/01/2024 20:15	63.6	72.3	59.3	22/01/2024 08:15	67.2	74.3	64.7
21/01/2024 20:30	62.7	72.8	57.5	22/01/2024 08:30	66.5	73.3	63.8
21/01/2024 20:45	62.8	70.0	57.9	22/01/2024 08:45	66.6	73.8	63.5
21/01/2024 21:00	63.2	71.5	59.0	22/01/2024 09:00	66.2	72.8	63.3
21/01/2024 21:15	62.4	72.0	57.5	22/01/2024 09:15	65.9	72.0	63.0
21/01/2024 21:30	61.6	71.4	55.5	22/01/2024 09:30	65.8	74.2	62.6
21/01/2024 21:45	61.1	69.1	55.8	22/01/2024 09:45	65.3	74.5	62.4
21/01/2024 22:00	61.5	71.7	56.4	22/01/2024 10:00	65.4	74.1	61.7
21/01/2024 22:15	63.6	97.4	56.2	22/01/2024 10:15	66.3	72.9	63.2
21/01/2024 22:30	60.6	69.9	55.7	22/01/2024 10:30	65.4	72.8	62.4
21/01/2024 22:45	58.5	71.4	51.8	22/01/2024 10:45	65.2	72.2	62.0
21/01/2024 23:00	57.0	69.0	52.3	22/01/2024 11:00	66.0	72.4	63.3
21/01/2024 23:15	56.9	68.9	50.0	22/01/2024 11:15	65.7	72.9	62.6
21/01/2024 23:30	58.8	69.7	51.9	22/01/2024 11:30	65.1	74.4	62.3
21/01/2024 23:45	60.9	76.3	54.5	22/01/2024 11:45	65.0	73.8	61.9
22/01/2024 00:00	58.6	71.8	50.4	22/01/2024 12:00	65.5	74.2	62.3
22/01/2024 00:15	55.7	69.2	48.1	22/01/2024 12:15	65.3	73.7	61.5
22/01/2024 00:30	57.7	68.8	51.8	22/01/2024 12:30	64.8	73.0	61.5
22/01/2024 00:45	60.8	72.8	54.3	22/01/2024 12:45	64.7	72.3	61.4
22/01/2024 01:00	58.8	69.6	52.6	22/01/2024 13:00	64.9	74.5	61.9

Appendix E – Baseline Noise Survey Data Tween Bridge Solar Farm Baseline Noise Survey Report

Time	LAeq dB	max (FAS dB	LAF90 dB	Time	LAeq dB	max (FAS dB	LAF90 dB
22/01/2024 13:15	64.9	74.3	61.8	23/01/2024 01:15	55.6	68.3	47.1
22/01/2024 13:30	64.9	75.7	61.8	23/01/2024 01:30	56.1	67.5	48.3
22/01/2024 13:45	65.4	72.9	62.5	23/01/2024 01:45	57.1	69.6	50.5
22/01/2024 14:00	65.1	73.4	61.3	23/01/2024 02:00	55.7	66.0	48.2
22/01/2024 14:15	65.3	74.5	62.0	23/01/2024 02:15	55.1	67.3	46.3
22/01/2024 14:30	65.4	72.7	62.4	23/01/2024 02:30	54.0	68.1	44.0
22/01/2024 14:45	65.0	71.1	62.1	23/01/2024 02:45	54.4	66.4	45.0
22/01/2024 15:00	64.3	74.0	61.1	23/01/2024 03:00	54.6	68.2	44.1
22/01/2024 15:15	64.4	73.2	61.4	23/01/2024 03:15	53.7	65.8	42.5
22/01/2024 15:30	64.9	74.7	61.4	23/01/2024 03:30	54.0	66.1	44.3
22/01/2024 15:45	64.8	71.7	61.4	23/01/2024 03:45	52.5	67.1	41.5
22/01/2024 16:00	64.3	71.5	61.3	23/01/2024 04:00	55.3	66.5	46.5
22/01/2024 16:15	64.4	71.7	61.5	23/01/2024 04:15	56.4	68.6	49.5
22/01/2024 16:30	65.1	72.8	61.9	23/01/2024 04:30	57.4	66.1	47.8
22/01/2024 16:45	65.2	72.4	62.3	23/01/2024 04:45	59.1	66.7	53.6
22/01/2024 17:00	65.0	73.2	61.6	23/01/2024 05:00	60.5	68.0	55.4
22/01/2024 17:15	64.6	73.7	61.0	23/01/2024 05:15	61.0	67.9	56.4
22/01/2024 17:30	64.9	71.7	61.8	23/01/2024 05:30	60.3	68.2	56.6
22/01/2024 17:45	64.4	71.1	60.8	23/01/2024 05:45	60.9	69.0	56.5
22/01/2024 18:00	64.0	70.8	60.3	23/01/2024 06:00	63.3	71.7	59.1
22/01/2024 18:15	62.9	69.1	59.3	23/01/2024 06:15	63.8	72.3	60.0
22/01/2024 18:30	62.1	69.1	57.7	23/01/2024 06:30	64.0	70.4	61.0
22/01/2024 18:45	61.7	70.8	57.5	23/01/2024 06:45	64.0	71.6	61.0
22/01/2024 19:00	61.7	73.9	56.6	23/01/2024 07:00	61.2	70.4	58.8
22/01/2024 19:15	62.5	71.7	57.7	23/01/2024 07:15	63.6	71.5	60.4
22/01/2024 19:30	62.0	72.3	57.6	23/01/2024 07:30	64.8	71.7	62.1
22/01/2024 19:45	64.0	75.7	59.3	23/01/2024 07:45	63.3	68.2	60.7
22/01/2024 20:00	63.2	75.2	56.5	23/01/2024 08:00	60.7	71.3	57.2
22/01/2024 20:15	60.2	70.4	54.9	23/01/2024 08:15	58.1	71.1	55.4
22/01/2024 20:30	60.5	70.3	55.5	23/01/2024 08:30	57.9	74.7	54.6
22/01/2024 20:45	58.7	67.7	51.8	23/01/2024 08:45	58.5	63.9	55.8
22/01/2024 21:00	59.0	70.6	53.6	23/01/2024 09:00	61.2	68.5	58.2
22/01/2024 21:15	59.4	71.5	54.1	23/01/2024 09:15	60.3	68.1	58.0
22/01/2024 21:30	59.0	70.4	53.4	23/01/2024 09:30	60.9	70.2	57.9
22/01/2024 21:45	61.4	75.4	54.6	23/01/2024 09:45	62.7	74.1	60.2
22/01/2024 22:00	59.0	69.6	52.3	23/01/2024 10:00	61.5	69.8	57.8
22/01/2024 22:15	58.4	69.6	52.4	23/01/2024 10:15	61.7	68.8	57.8
22/01/2024 22:30	59.2	70.4	52.2	23/01/2024 10:30	63.1	74.6	59.2
22/01/2024 22:45	60.1	70.4	53.8	23/01/2024 10:45	63.8	71.6	60.5
22/01/2024 23:00	61.0	76.4	53.6	23/01/2024 11:00	64.2	71.5	60.8
22/01/2024 23:15	59.1	69.2	52.8	23/01/2024 11:15	64.4	71.3	61.2
22/01/2024 23:30	59.0	70.8	52.7	23/01/2024 11:30	65.6	72.7	61.9
22/01/2024 23:45	60.1	74.3	53.8	23/01/2024 11:45	65.1	72.5	61.8
23/01/2024 00:00	58.1	70.3	51.6	23/01/2024 12:00	64.4	77.7	60.8
23/01/2024 00:15	58.8	71.5	52.5	23/01/2024 12:15	64.4	71.4	60.9
23/01/2024 00:30	59.4	70.4	54.2	23/01/2024 12:30	65.1	72.4	61.6
23/01/2024 00:45	58.6	70.2	52.9	23/01/2024 12:45	65.4	72.7	62.1
23/01/2024 01:00	58.1	69.6	51.3	23/01/2024 13:00	65.3	73.6	61.8

Time	LAeq dB	max (FAS dB	LAF90 dB	Time	LAeq dB	max (FAS dB	LAF90 dB
23/01/2024 13:15	66.0	72.7	62.9	24/01/2024 01:15	62.3	79.7	55.0
23/01/2024 13:30	66.4	73.6	63.2	24/01/2024 01:30	64.0	75.3	57.5
23/01/2024 13:45	66.2	73.4	62.8	24/01/2024 01:45	60.4	72.0	54.0
23/01/2024 14:00	66.7	73.2	63.5	24/01/2024 02:00	61.8	74.1	54.9
23/01/2024 14:15	66.9	74.1	63.1	24/01/2024 02:15	64.6	77.3	56.3
23/01/2024 14:30	66.5	73.0	63.6	24/01/2024 02:30	65.4	75.9	59.0
23/01/2024 14:45	66.4	74.0	63.4	24/01/2024 02:45	68.4	80.4	60.7
23/01/2024 15:00	65.6	76.0	62.4	24/01/2024 03:00	67.2	77.5	61.2
23/01/2024 15:15	65.9	72.6	62.7	24/01/2024 03:15	68.0	79.9	61.0
23/01/2024 15:30	66.4	74.7	63.1	24/01/2024 03:30	67.3	80.9	60.1
23/01/2024 15:45	66.2	72.8	63.1	24/01/2024 03:45	66.7	77.7	60.1
23/01/2024 16:00	66.5	73.1	63.5	24/01/2024 04:00	69.9	85.0	62.3
23/01/2024 16:15	66.0	72.9	62.7	24/01/2024 04:15	68.2	82.7	60.6
23/01/2024 16:30	65.9	72.5	62.5	24/01/2024 04:30	65.8	79.0	59.5
23/01/2024 16:45	65.4	72.3	62.3	24/01/2024 04:45	64.9	76.5	59.6
23/01/2024 17:00	65.5	72.2	62.2	24/01/2024 05:00	65.3	75.0	60.8
23/01/2024 17:15	66.2	73.5	63.2	24/01/2024 05:15	68.0	79.6	63.0
23/01/2024 17:30	65.8	73.8	62.4	24/01/2024 05:30	67.9	79.0	63.1
23/01/2024 17:45	65.9	73.8	61.9	24/01/2024 05:45	69.6	82.2	63.6
23/01/2024 18:00	65.2	72.8	61.3	24/01/2024 06:00	67.6	77.9	63.4
23/01/2024 18:15	65.3	73.9	61.1	24/01/2024 06:15	67.9	78.2	64.3
23/01/2024 18:30	64.2	72.1	60.3	24/01/2024 06:30	70.3	88.4	65.1
23/01/2024 18:45	63.6	73.9	59.1	24/01/2024 06:45	69.3	80.8	65.1
23/01/2024 19:00	63.2	74.3	58.5	24/01/2024 07:00	68.1	79.3	64.7
23/01/2024 19:15	62.9	71.4	58.4	24/01/2024 07:15	68.9	80.1	65.1
23/01/2024 19:30	61.6	69.9	56.2	24/01/2024 07:30	67.5	77.4	64.6
23/01/2024 19:45	61.3	79.8	54.8	24/01/2024 07:45	68.3	81.3	65.0
23/01/2024 20:00	62.7	74.0	57.0	24/01/2024 08:00	66.4	74.7	63.8
23/01/2024 20:15	61.4	70.8	55.4	24/01/2024 08:15	65.6	71.9	63.2
23/01/2024 20:30	61.3	70.5	55.8	24/01/2024 08:30	65.8	74.2	63.0
23/01/2024 20:45	61.2	71.0	54.9	24/01/2024 08:45	65.1	71.8	62.3
23/01/2024 21:00	61.5	72.3	55.9	24/01/2024 09:00	65.3	71.5	62.7
23/01/2024 21:15	62.7	76.3	57.3	24/01/2024 09:15	66.2	78.9	63.0
23/01/2024 21:30	63.7	77.1	58.4	24/01/2024 09:30	67.0	75.7	64.0
23/01/2024 21:45	62.3	72.1	56.4	24/01/2024 09:45	66.5	73.4	63.4
23/01/2024 22:00	63.3	74.5	58.3	24/01/2024 10:00	65.2	72.0	61.6
23/01/2024 22:15	64.8	77.4	58.3	24/01/2024 10:15	64.7	73.9	60.8
23/01/2024 22:30	64.6	80.4	57.7	24/01/2024 10:30	64.6	71.8	61.1
23/01/2024 22:45	61.5	73.2	53.8	24/01/2024 10:45	63.5	71.9	60.4
23/01/2024 23:00	61.8	73.0	55.9	24/01/2024 11:00	63.9	70.9	60.8
23/01/2024 23:15	67.2	80.2	59.0	24/01/2024 11:15	64.5	70.9	61.1
23/01/2024 23:30	64.5	77.6	54.2	24/01/2024 11:30	64.2	71.2	61.0
23/01/2024 23:45	59.0	73.6	51.8	24/01/2024 11:45	63.9	70.8	60.9
24/01/2024 00:00	60.8	72.6	54.8	24/01/2024 12:00	63.5	72.2	60.6
24/01/2024 00:15	59.6	69.6	51.9	24/01/2024 12:15	63.8	71.0	60.9
24/01/2024 00:30	59.1	71.7	52.7	24/01/2024 12:30	63.6	70.4	60.4
24/01/2024 00:45	60.7	70.6	54.8	24/01/2024 12:45	65.9	71.9	63.8
24/01/2024 01:00	65.0	78.6	56.5	24/01/2024 13:00	63.8	70.7	60.7

Appendix E – Baseline Noise Survey Data Tween Bridge Solar Farm Baseline Noise Survey Report

MP4

Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB	Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB
18/01/2024 12:15	60.8	97.2	51.7	19/01/2024 00:15	51.1	60.8	45.2
18/01/2024 12:30	54.3	59.9	51.6	19/01/2024 00:30	48.5	58.1	37.1
18/01/2024 12:45	55.9	64.1	53.0	19/01/2024 00:45	49.0	60.2	41.3
18/01/2024 13:00	54.9	60.4	52.3	19/01/2024 01:00	50.0	59.6	43.0
18/01/2024 13:15	54.8	66.9	52.0	19/01/2024 01:15	49.8	58.6	40.9
18/01/2024 13:30	55.0	60.3	52.7	19/01/2024 01:30	49.1	57.8	41.9
18/01/2024 13:45	55.1	61.6	52.8	19/01/2024 01:45	48.4	56.7	40.5
18/01/2024 14:00	55.1	60.5	53.0	19/01/2024 02:00	48.9	61.0	39.3
18/01/2024 14:15	54.9	61.1	52.7	19/01/2024 02:15	48.0	62.7	38.8
18/01/2024 14:30	55.0	59.4	52.9	19/01/2024 02:30	48.4	58.2	37.0
18/01/2024 14:45	55.4	62.3	52.8	19/01/2024 02:45	48.5	57.2	40.6
18/01/2024 15:00	55.4	60.4	53.3	19/01/2024 03:00	49.7	57.0	43.8
18/01/2024 15:15	55.4	60.6	53.1	19/01/2024 03:15	50.0	59.7	42.2
18/01/2024 15:30	55.3	61.3	53.1	19/01/2024 03:30	50.2	60.7	43.2
18/01/2024 15:45	57.1	61.9	54.8	19/01/2024 03:45	50.5	57.8	44.9
18/01/2024 16:00	58.8	64.6	56.5	19/01/2024 04:00	54.4	61.4	48.6
18/01/2024 16:15	59.0	66.4	56.8	19/01/2024 04:15	55.9	62.4	51.2
18/01/2024 16:30	57.9	65.4	55.9	19/01/2024 04:30	56.5	62.2	53.0
18/01/2024 16:45	57.7	62.9	55.5	19/01/2024 04:45	57.7	66.7	55.1
18/01/2024 17:00	58.6	63.3	56.6	19/01/2024 05:00	59.8	65.5	57.7
18/01/2024 17:15	57.9	64.1	55.9	19/01/2024 05:15	59.8	66.3	57.1
18/01/2024 17:30	59.2	64.0	57.0	19/01/2024 05:30	60.0	65.9	57.8
18/01/2024 17:45	57.4	62.1	55.7	19/01/2024 05:45	61.5	65.9	59.9
18/01/2024 18:00	56.5	60.6	54.5	19/01/2024 06:00	62.0	66.1	60.4
18/01/2024 18:15	56.5	61.8	54.6	19/01/2024 06:15	62.3	67.4	60.5
18/01/2024 18:30	56.4	67.5	54.2	19/01/2024 06:30	62.7	67.0	61.3
18/01/2024 18:45	56.1	62.7	53.5	19/01/2024 06:45	64.0	69.5	62.4
18/01/2024 19:00	56.0	63.9	53.1	19/01/2024 07:00	65.1	68.8	63.4
18/01/2024 19:15	55.6	61.7	52.7	19/01/2024 07:15	65.4	69.0	64.2
18/01/2024 19:30	55.5	61.8	52.0	19/01/2024 07:30	65.3	70.0	64.0
18/01/2024 19:45	56.4	65.7	53.3	19/01/2024 07:45	64.8	69.3	63.5
18/01/2024 20:00	56.1	62.2	53.0	19/01/2024 08:00	64.4	68.0	63.3
18/01/2024 20:15	55.1	63.5	52.1	19/01/2024 08:15	64.8	70.5	63.5
18/01/2024 20:30	55.0	61.3	51.9	19/01/2024 08:30	65.2	69.4	63.7
18/01/2024 20:45	55.5	61.2	52.8	19/01/2024 08:45	63.8	67.4	62.3
18/01/2024 21:00	54.2	62.6	49.0	19/01/2024 09:00	63.6	67.6	62.1
18/01/2024 21:15	53.4	62.7	48.3	19/01/2024 09:15	64.1	67.7	62.4
18/01/2024 21:30	51.4	59.4	46.9	19/01/2024 09:30	64.0	67.1	62.5
18/01/2024 21:45	51.6	61.1	46.4	19/01/2024 09:45	63.4	67.6	61.2
18/01/2024 22:00	51.6	63.4	46.6	19/01/2024 10:00	61.2	67.1	59.7
18/01/2024 22:15	51.2	58.9	46.8	19/01/2024 10:15	60.4	64.9	58.9
18/01/2024 22:30	51.9	60.5	46.4	19/01/2024 10:30	61.2	65.5	59.3
18/01/2024 22:45	51.5	59.2	43.1	19/01/2024 10:45	62.2	69.6	60.9
18/01/2024 23:00	50.2	59.7	44.2	19/01/2024 11:00	61.3	65.7	59.8
18/01/2024 23:15	50.7	62.8	45.0	19/01/2024 11:15	59.9	65.9	58.1
18/01/2024 23:30	50.6	58.3	41.3	19/01/2024 11:30	59.9	67.4	58.0
18/01/2024 23:45	50.4	59.0	42.7	19/01/2024 11:45	59.5	65.3	57.6
19/01/2024 00:00	50.2	58.6	43.2	19/01/2024 12:00	59.9	66.1	58.0

Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB	Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB
19/01/2024 12:15	61.1	64.8	59.5	20/01/2024 00:15	53.6	62.3	46.1
19/01/2024 12:30	61.3	66.3	59.6	20/01/2024 00:30	52.7	61.8	47.9
19/01/2024 12:45	61.2	67.0	59.6	20/01/2024 00:45	52.6	63.0	48.1
19/01/2024 13:00	61.0	67.5	59.4	20/01/2024 01:00	51.3	62.5	41.2
19/01/2024 13:15	61.2	66.4	59.2	20/01/2024 01:15	50.5	62.7	42.4
19/01/2024 13:30	61.0	65.7	59.2	20/01/2024 01:30	51.4	61.5	43.2
19/01/2024 13:45	59.7	64.5	57.6	20/01/2024 01:45	52.0	62.1	44.4
19/01/2024 14:00	60.1	66.0	57.9	20/01/2024 02:00	50.7	60.9	39.0
19/01/2024 14:15	62.2	67.5	60.5	20/01/2024 02:15	50.3	60.8	41.0
19/01/2024 14:30	61.7	68.4	59.9	20/01/2024 02:30	49.6	60.6	37.4
19/01/2024 14:45	61.1	66.3	59.2	20/01/2024 02:45	50.9	64.4	43.0
19/01/2024 15:00	61.0	68.0	58.7	20/01/2024 03:00	50.5	62.1	42.2
19/01/2024 15:15	61.0	65.7	59.2	20/01/2024 03:15	51.5	62.3	45.2
19/01/2024 15:30	61.1	66.7	59.2	20/01/2024 03:30	50.4	63.9	42.9
19/01/2024 15:45	61.2	67.2	58.9	20/01/2024 03:45	51.8	62.1	47.1
19/01/2024 16:00	61.3	67.3	59.4	20/01/2024 04:00	50.9	63.6	44.4
19/01/2024 16:15	61.9	69.3	60.3	20/01/2024 04:15	51.3	61.2	44.2
19/01/2024 16:30	62.0	66.0	60.3	20/01/2024 04:30	53.3	62.3	48.8
19/01/2024 16:45	61.8	69.1	60.2	20/01/2024 04:45	53.6	63.9	48.8
19/01/2024 17:00	61.6	66.3	60.0	20/01/2024 05:00	52.4	61.5	46.8
19/01/2024 17:15	62.3	67.4	60.5	20/01/2024 05:15	53.1	62.2	47.4
19/01/2024 17:30	61.8	66.8	59.7	20/01/2024 05:30	54.2	62.3	50.6
19/01/2024 17:45	61.5	66.3	59.3	20/01/2024 05:45	54.7	62.0	50.6
19/01/2024 18:00	61.0	65.4	59.3	20/01/2024 06:00	54.5	62.4	49.6
19/01/2024 18:15	61.2	66.9	59.2	20/01/2024 06:15	55.4	63.5	51.4
19/01/2024 18:30	60.0	64.9	57.7	20/01/2024 06:30	55.1	64.5	51.5
19/01/2024 18:45	58.8	65.6	56.5	20/01/2024 06:45	55.7	65.6	52.8
19/01/2024 19:00	59.1	70.9	56.1	20/01/2024 07:00	56.3	65.8	52.8
19/01/2024 19:15	58.2	63.8	55.8	20/01/2024 07:15	56.9	67.7	54.0
19/01/2024 19:30	57.9	63.3	54.8	20/01/2024 07:30	57.5	65.0	54.9
19/01/2024 19:45	57.2	63.3	54.3	20/01/2024 07:45	56.8	63.9	53.6
19/01/2024 20:00	56.2	62.8	53.9	20/01/2024 08:00	56.6	65.3	54.0
19/01/2024 20:15	56.4	62.9	53.4	20/01/2024 08:15	57.7	64.4	55.4
19/01/2024 20:30	56.1	64.0	52.2	20/01/2024 08:30	59.1	77.9	55.1
19/01/2024 20:45	55.4	62.5	52.0	20/01/2024 08:45	58.1	63.6	55.8
19/01/2024 21:00	55.3	62.7	52.1	20/01/2024 09:00	57.7	69.4	55.2
19/01/2024 21:15	55.2	63.5	50.3	20/01/2024 09:15	58.3	64.4	56.3
19/01/2024 21:30	54.4	66.3	50.3	20/01/2024 09:30	58.1	63.1	55.9
19/01/2024 21:45	54.2	63.9	49.8	20/01/2024 09:45	58.3	65.6	56.0
19/01/2024 22:00	53.2	63.6	49.5	20/01/2024 10:00	58.2	66.4	56.3
19/01/2024 22:15	53.7	61.8	49.0	20/01/2024 10:15	58.2	66.2	56.5
19/01/2024 22:30	53.0	63.7	48.4	20/01/2024 10:30	58.7	67.7	56.4
19/01/2024 22:45	53.8	71.1	48.5	20/01/2024 10:45	60.3	70.3	57.2
19/01/2024 23:00	54.3	62.6	49.0	20/01/2024 11:00	58.9	65.5	56.7
19/01/2024 23:15	53.4	62.6	49.2	20/01/2024 11:15	58.7	67.3	56.5
19/01/2024 23:30	55.0	62.8	50.2	20/01/2024 11:30	58.5	66.4	56.6
19/01/2024 23:45	54.1	62.3	49.5	20/01/2024 11:45	58.7	64.4	56.8
20/01/2024 00:00	53.5	62.6	48.6	20/01/2024 12:00	58.9	63.9	57.1

Appendix E – Baseline Noise Survey Data Tween Bridge Solar Farm Baseline Noise Survey Report

Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB	Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB
20/01/2024 12:15	58.5	66.4	56.4	21/01/2024 00:15	52.6	61.5	46.1
20/01/2024 12:30	59.4	66.3	57.7	21/01/2024 00:30	51.3	64.1	44.7
20/01/2024 12:45	58.9	64.2	56.6	21/01/2024 00:45	52.1	61.3	46.1
20/01/2024 13:00	59.3	64.3	57.4	21/01/2024 01:00	50.3	64.2	44.3
20/01/2024 13:15	59.0	64.0	56.9	21/01/2024 01:15	50.4	62.5	40.3
20/01/2024 13:30	58.6	64.0	56.4	21/01/2024 01:30	50.6	61.3	42.5
20/01/2024 13:45	59.2	70.7	56.3	21/01/2024 01:45	51.1	61.8	41.6
20/01/2024 14:00	58.2	64.2	56.0	21/01/2024 02:00	50.5	61.6	39.7
20/01/2024 14:15	58.3	64.5	56.3	21/01/2024 02:15	50.4	62.9	41.7
20/01/2024 14:30	58.8	64.4	56.9	21/01/2024 02:30	50.4	63.3	39.5
20/01/2024 14:45	59.1	65.3	56.9	21/01/2024 02:45	50.1	65.8	40.1
20/01/2024 15:00	59.1	64.4	57.1	21/01/2024 03:00	49.3	60.4	40.0
20/01/2024 15:15	59.4	65.7	57.3	21/01/2024 03:15	49.6	61.0	40.3
20/01/2024 15:30	59.5	65.2	57.4	21/01/2024 03:30	49.8	63.1	38.5
20/01/2024 15:45	60.1	65.4	58.0	21/01/2024 03:45	50.6	61.7	43.4
20/01/2024 16:00	59.8	67.8	57.5	21/01/2024 04:00	50.4	62.4	37.7
20/01/2024 16:15	59.9	65.6	57.9	21/01/2024 04:15	50.8	64.5	42.9
20/01/2024 16:30	59.8	66.3	57.8	21/01/2024 04:30	50.7	62.0	43.3
20/01/2024 16:45	60.0	65.4	57.7	21/01/2024 04:45	50.8	61.7	40.5
20/01/2024 17:00	59.6	66.3	57.3	21/01/2024 05:00	53.1	65.0	46.8
20/01/2024 17:15	59.5	65.3	57.4	21/01/2024 05:15	52.6	61.6	46.8
20/01/2024 17:30	59.0	65.5	56.5	21/01/2024 05:30	53.3	64.7	47.1
20/01/2024 17:45	59.6	66.5	57.0	21/01/2024 05:45	53.3	64.5	47.4
20/01/2024 18:00	59.3	65.0	57.0	21/01/2024 06:00	54.9	64.6	49.1
20/01/2024 18:15	58.5	64.3	55.7	21/01/2024 06:15	54.9	62.1	51.5
20/01/2024 18:30	58.3	64.5	55.6	21/01/2024 06:30	54.7	63.2	50.8
20/01/2024 18:45	57.8	65.0	55.1	21/01/2024 06:45	55.2	64.6	50.2
20/01/2024 19:00	57.1	63.1	54.5	21/01/2024 07:00	56.3	64.0	52.8
20/01/2024 19:15	56.5	65.4	53.2	21/01/2024 07:15	55.9	64.8	52.7
20/01/2024 19:30	56.7	63.0	53.8	21/01/2024 07:30	57.0	65.3	53.3
20/01/2024 19:45	55.2	63.0	51.5	21/01/2024 07:45	57.9	65.1	54.2
20/01/2024 20:00	55.7	65.3	51.6	21/01/2024 08:00	59.1	66.0	55.4
20/01/2024 20:15	55.1	63.6	51.6	21/01/2024 08:15	58.1	63.6	55.4
20/01/2024 20:30	55.4	67.9	52.0	21/01/2024 08:30	57.0	63.3	54.4
20/01/2024 20:45	54.3	64.3	49.4	21/01/2024 08:45	58.0	65.6	55.3
20/01/2024 21:00	54.5	63.0	50.0	21/01/2024 09:00	58.8	64.9	56.4
20/01/2024 21:15	54.8	63.9	51.6	21/01/2024 09:15	58.3	64.0	55.6
20/01/2024 21:30	54.1	61.6	48.7	21/01/2024 09:30	58.6	64.8	56.0
20/01/2024 21:45	54.1	62.6	49.6	21/01/2024 09:45	58.7	63.5	56.7
20/01/2024 22:00	53.9	64.2	50.6	21/01/2024 10:00	58.3	69.9	56.3
20/01/2024 22:15	52.9	63.2	46.9	21/01/2024 10:15	57.6	64.0	55.4
20/01/2024 22:30	52.1	62.3	47.1	21/01/2024 10:30	58.9	66.0	57.0
20/01/2024 22:45	53.3	62.3	48.4	21/01/2024 10:45	58.4	64.6	55.9
20/01/2024 23:00	53.3	64.2	46.9	21/01/2024 11:00	59.3	64.7	57.6
20/01/2024 23:15	52.8	63.3	46.6	21/01/2024 11:15	59.6	67.7	57.3
20/01/2024 23:30	52.1	63.0	44.6	21/01/2024 11:30	59.4	64.7	57.1
20/01/2024 23:45	52.3	61.6	47.1	21/01/2024 11:45	60.0	68.1	58.1
21/01/2024 00:00	50.9	64.1	43.3	21/01/2024 12:00	59.8	74.7	57.8

Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB	Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB
21/01/2024 12:15	59.9	65.3	58.3	22/01/2024 00:15	50.7	69.8	45.6
21/01/2024 12:30	59.7	64.9	57.7	22/01/2024 00:30	50.3	64.6	45.7
21/01/2024 12:45	59.3	68.8	56.8	22/01/2024 00:45	51.9	63.7	46.7
21/01/2024 13:00	59.5	68.0	57.3	22/01/2024 01:00	48.9	72.4	44.8
21/01/2024 13:15	59.3	68.4	56.8	22/01/2024 01:15	63.7	83.4	45.9
21/01/2024 13:30	59.5	71.6	57.2	22/01/2024 01:30	53.1	71.3	47.8
21/01/2024 13:45	60.0	71.7	56.9	22/01/2024 01:45	50.0	60.6	44.6
21/01/2024 14:00	60.1	71.6	57.0	22/01/2024 02:00	51.8	64.3	47.9
21/01/2024 14:15	59.4	68.4	57.2	22/01/2024 02:15	50.2	65.9	45.3
21/01/2024 14:30	60.1	70.5	57.4	22/01/2024 02:30	49.4	59.7	44.5
21/01/2024 14:45	60.5	70.1	58.0	22/01/2024 02:45	49.9	59.7	44.8
21/01/2024 15:00	60.1	71.7	57.8	22/01/2024 03:00	50.8	60.8	45.9
21/01/2024 15:15	62.6	74.3	58.2	22/01/2024 03:15	51.9	63.5	48.1
21/01/2024 15:30	61.1	74.1	57.9	22/01/2024 03:30	50.1	60.4	46.3
21/01/2024 15:45	62.4	74.7	58.6	22/01/2024 03:45	50.3	62.8	45.8
21/01/2024 16:00	61.1	74.3	58.1	22/01/2024 04:00	51.1	60.5	47.5
21/01/2024 16:15	61.1	72.1	57.7	22/01/2024 04:15	52.5	62.2	49.4
21/01/2024 16:30	61.3	75.0	57.9	22/01/2024 04:30	53.2	63.0	50.5
21/01/2024 16:45	63.2	76.4	57.9	22/01/2024 04:45	54.3	64.3	50.9
21/01/2024 17:00	63.9	77.2	57.2	22/01/2024 05:00	55.1	62.9	52.1
21/01/2024 17:15	64.5	77.7	58.9	22/01/2024 05:15	54.4	61.1	51.8
21/01/2024 17:30	63.5	75.3	57.4	22/01/2024 05:30	54.7	63.4	52.4
21/01/2024 17:45	72.4	110.1	54.1	22/01/2024 05:45	55.4	63.1	53.0
21/01/2024 18:00	55.8	75.4	52.8	22/01/2024 06:00	56.3	62.4	53.9
21/01/2024 18:15	55.6	66.0	52.6	22/01/2024 06:15	56.7	63.9	54.7
21/01/2024 18:30	55.4	66.5	52.5	22/01/2024 06:30	57.4	63.3	55.6
21/01/2024 18:45	55.7	66.8	51.9	22/01/2024 06:45	57.9	63.6	56.0
21/01/2024 19:00	55.4	63.9	52.6	22/01/2024 07:00	57.7	64.8	55.8
21/01/2024 19:15	54.3	65.7	50.5	22/01/2024 07:15	58.2	63.8	56.5
21/01/2024 19:30	56.9	72.3	51.4	22/01/2024 07:30	57.5	63.0	55.8
21/01/2024 19:45	54.5	69.6	51.1	22/01/2024 07:45	57.2	64.4	55.4
21/01/2024 20:00	53.3	62.5	50.4	22/01/2024 08:00	57.4	64.5	55.2
21/01/2024 20:15	54.0	66.6	50.4	22/01/2024 08:15	57.3	64.7	55.5
21/01/2024 20:30	54.5	67.5	49.9	22/01/2024 08:30	57.7	63.4	56.0
21/01/2024 20:45	54.7	67.3	51.1	22/01/2024 08:45	57.8	63.0	55.9
21/01/2024 21:00	55.2	77.5	51.0	22/01/2024 09:00	56.7	64.9	54.8
21/01/2024 21:15	55.3	67.7	51.6	22/01/2024 09:15	58.0	71.6	55.4
21/01/2024 21:30	54.1	68.8	49.9	22/01/2024 09:30	57.0	64.8	54.8
21/01/2024 21:45	54.5	69.9	49.8	22/01/2024 09:45	56.4	63.4	54.2
21/01/2024 22:00	54.2	65.8	49.6	22/01/2024 10:00	56.8	64.0	54.2
21/01/2024 22:15	53.4	66.3	49.6	22/01/2024 10:15	57.8	66.4	55.6
21/01/2024 22:30	53.9	67.9	49.4	22/01/2024 10:30	57.0	69.7	54.7
21/01/2024 22:45	53.4	68.2	48.6	22/01/2024 10:45	56.0	62.5	54.1
21/01/2024 23:00	53.7	71.3	48.5	22/01/2024 11:00	57.4	64.0	55.4
21/01/2024 23:15	50.3	69.6	44.6	22/01/2024 11:15	55.7	62.7	53.1
21/01/2024 23:30	52.5	64.1	47.5	22/01/2024 11:30	56.1	65.3	53.9
21/01/2024 23:45	54.3	65.9	50.2	22/01/2024 11:45	55.8	63.7	53.0
22/01/2024 00:00	50.5	67.4	45.2	22/01/2024 12:00	56.1	62.3	54.0

Appendix E – Baseline Noise Survey Data Tween Bridge Solar Farm Baseline Noise Survey Report

Time	LAeq dB	max (FAS) dB	LAF90 dB	Time	LAeq dB	max (FAS) dB	LAF90 dB
22/01/2024 12:15	55.6	61.9	53.5	23/01/2024 00:15	49.4	60.8	45.7
22/01/2024 12:30	55.6	63.7	53.0	23/01/2024 00:30	50.3	63.0	45.7
22/01/2024 12:45	55.7	64.4	53.5	23/01/2024 00:45	49.6	59.2	45.5
22/01/2024 13:00	55.6	65.5	53.3	23/01/2024 01:00	47.1	58.2	42.4
22/01/2024 13:15	55.2	61.9	53.0	23/01/2024 01:15	44.8	54.5	40.9
22/01/2024 13:30	55.7	62.5	53.7	23/01/2024 01:30	44.8	55.2	39.6
22/01/2024 13:45	55.1	64.6	53.1	23/01/2024 01:45	46.3	57.2	42.3
22/01/2024 14:00	56.5	63.3	54.3	23/01/2024 02:00	47.5	60.6	42.1
22/01/2024 14:15	57.4	73.9	53.6	23/01/2024 02:15	45.9	55.9	41.6
22/01/2024 14:30	56.1	64.9	53.6	23/01/2024 02:30	44.2	53.8	39.7
22/01/2024 14:45	55.0	60.7	53.1	23/01/2024 02:45	45.0	60.4	41.0
22/01/2024 15:00	54.5	61.3	52.1	23/01/2024 03:00	44.4	55.1	39.6
22/01/2024 15:15	55.0	62.4	53.2	23/01/2024 03:15	45.1	57.0	40.3
22/01/2024 15:30	55.2	61.1	53.5	23/01/2024 03:30	44.5	53.8	40.0
22/01/2024 15:45	54.9	61.1	52.9	23/01/2024 03:45	46.1	57.6	41.7
22/01/2024 16:00	55.1	64.2	53.0	23/01/2024 04:00	48.2	59.3	44.7
22/01/2024 16:15	55.0	60.4	52.9	23/01/2024 04:15	49.1	58.3	45.6
22/01/2024 16:30	56.0	63.5	53.7	23/01/2024 04:30	50.0	56.2	46.8
22/01/2024 16:45	55.2	61.5	53.0	23/01/2024 04:45	52.2	58.2	49.6
22/01/2024 17:00	55.2	63.0	53.3	23/01/2024 05:00	52.8	59.8	50.0
22/01/2024 17:15	55.1	68.7	52.8	23/01/2024 05:15	54.3	59.5	52.1
22/01/2024 17:30	54.8	65.7	52.6	23/01/2024 05:30	54.4	59.6	52.4
22/01/2024 17:45	54.3	67.7	52.1	23/01/2024 05:45	55.4	60.8	53.6
22/01/2024 18:00	53.7	61.6	50.8	23/01/2024 06:00	55.8	61.4	53.7
22/01/2024 18:15	53.2	61.6	51.1	23/01/2024 06:15	55.4	60.3	53.5
22/01/2024 18:30	51.8	59.9	48.9	23/01/2024 06:30	55.2	63.6	53.2
22/01/2024 18:45	51.6	61.6	48.7	23/01/2024 06:45	55.6	60.5	53.8
22/01/2024 19:00	52.2	67.1	48.4	23/01/2024 07:00	55.7	62.6	53.4
22/01/2024 19:15	51.3	62.9	48.0	23/01/2024 07:15	56.9	61.8	55.1
22/01/2024 19:30	53.5	65.7	50.2	23/01/2024 07:30	57.2	62.0	55.2
22/01/2024 19:45	54.3	75.8	49.9	23/01/2024 07:45	56.1	60.2	54.6
22/01/2024 20:00	51.3	62.8	48.5	23/01/2024 08:00	55.3	60.1	53.7
22/01/2024 20:15	50.3	58.4	47.8	23/01/2024 08:15	55.4	60.2	53.6
22/01/2024 20:30	50.4	60.0	46.4	23/01/2024 08:30	55.6	62.6	53.7
22/01/2024 20:45	48.7	55.6	45.5	23/01/2024 08:45	55.3	61.6	53.5
22/01/2024 21:00	49.2	59.5	45.7	23/01/2024 09:00	56.2	61.6	54.4
22/01/2024 21:15	48.9	57.7	45.4	23/01/2024 09:15	55.8	61.1	54.1
22/01/2024 21:30	49.5	59.6	46.0	23/01/2024 09:30	55.6	61.6	53.5
22/01/2024 21:45	49.6	59.0	46.5	23/01/2024 09:45	56.2	62.4	54.2
22/01/2024 22:00	48.9	62.1	45.9	23/01/2024 10:00	55.5	60.6	53.1
22/01/2024 22:15	48.7	59.4	45.0	23/01/2024 10:15	56.4	61.2	54.7
22/01/2024 22:30	50.4	63.7	46.1	23/01/2024 10:30	57.1	63.5	54.9
22/01/2024 22:45	50.5	61.8	46.9	23/01/2024 10:45	57.0	61.7	55.0
22/01/2024 23:00	50.3	61.5	46.9	23/01/2024 11:00	57.4	63.5	55.2
22/01/2024 23:15	50.3	64.7	46.6	23/01/2024 11:15	57.4	62.5	55.2
22/01/2024 23:30	49.3	58.6	45.1	23/01/2024 11:30	57.9	64.2	55.9
22/01/2024 23:45	48.0	57.7	44.8	23/01/2024 11:45	57.5	62.8	55.5
23/01/2024 00:00	47.9	57.9	43.3	23/01/2024 12:00	57.3	65.3	54.8

Time	LAeq dB	max (FAS) dB	LAF90 dB	Time	LAeq dB	max (FAS) dB	LAF90 dB
23/01/2024 12:15	57.6	65.3	55.6	24/01/2024 00:15	50.4	63.8	46.4
23/01/2024 12:30	58.0	64.1	56.0	24/01/2024 00:30	50.8	64.7	46.0
23/01/2024 12:45	57.4	64.1	55.1	24/01/2024 00:45	55.7	72.3	48.6
23/01/2024 13:00	57.7	64.3	55.8	24/01/2024 01:00	51.7	64.4	46.9
23/01/2024 13:15	57.9	63.4	55.5	24/01/2024 01:15	52.8	66.0	47.4
23/01/2024 13:30	58.3	67.1	56.2	24/01/2024 01:30	53.5	68.4	48.6
23/01/2024 13:45	57.4	63.6	55.1	24/01/2024 01:45	52.8	65.8	47.3
23/01/2024 14:00	58.1	64.4	55.7	24/01/2024 02:00	51.9	66.8	46.9
23/01/2024 14:15	57.9	64.4	55.8	24/01/2024 02:15	53.0	66.2	47.6
23/01/2024 14:30	57.7	64.3	55.8	24/01/2024 02:30	55.9	69.2	49.7
23/01/2024 14:45	57.4	64.7	55.3	24/01/2024 02:45	57.4	73.7	51.2
23/01/2024 15:00	56.9	66.0	54.9	24/01/2024 03:00	60.1	75.3	54.2
23/01/2024 15:15	57.1	63.5	55.1	24/01/2024 03:15	58.0	70.6	52.4
23/01/2024 15:30	57.2	64.6	55.3	24/01/2024 03:30	56.6	69.3	51.9
23/01/2024 15:45	57.5	63.6	55.4	24/01/2024 03:45	56.8	69.6	51.4
23/01/2024 16:00	57.3	65.3	55.4	24/01/2024 04:00	57.2	69.5	52.8
23/01/2024 16:15	57.1	63.2	55.3	24/01/2024 04:15	56.3	68.2	51.5
23/01/2024 16:30	57.0	63.1	54.6	24/01/2024 04:30	55.4	66.5	51.7
23/01/2024 16:45	57.0	64.6	55.3	24/01/2024 04:45	55.0	67.6	50.8
23/01/2024 17:00	56.6	64.0	54.4	24/01/2024 05:00	55.5	65.8	52.5
23/01/2024 17:15	56.5	65.4	54.6	24/01/2024 05:15	57.4	73.9	54.0
23/01/2024 17:30	56.3	63.8	54.2	24/01/2024 05:30	58.1	68.9	54.7
23/01/2024 17:45	56.3	62.9	54.3	24/01/2024 05:45	58.0	71.0	54.5
23/01/2024 18:00	55.6	61.5	53.6	24/01/2024 06:00	59.2	70.9	55.9
23/01/2024 18:15	55.0	60.9	52.9	24/01/2024 06:15	58.5	70.1	55.4
23/01/2024 18:30	54.7	61.1	52.3	24/01/2024 06:30	58.8	69.3	56.1
23/01/2024 18:45	53.9	62.2	50.9	24/01/2024 06:45	58.5	69.6	55.8
23/01/2024 19:00	54.1	62.7	51.0	24/01/2024 07:00	58.2	69.1	55.8
23/01/2024 19:15	53.4	64.9	50.2	24/01/2024 07:15	57.9	69.3	55.6
23/01/2024 19:30	53.4	62.7	50.2	24/01/2024 07:30	57.3	66.0	55.4
23/01/2024 19:45	51.9	60.2	48.9	24/01/2024 07:45	57.2	65.7	55.0
23/01/2024 20:00	52.2	60.7	49.3	24/01/2024 08:00	56.3	63.1	54.5
23/01/2024 20:15	51.2	59.9	47.6	24/01/2024 08:15	56.5	67.7	54.6
23/01/2024 20:30	51.4	65.8	48.2	24/01/2024 08:30	55.7	63.8	53.7
23/01/2024 20:45	52.5	65.8	47.4	24/01/2024 08:45	54.8	62.6	52.8
23/01/2024 21:00	52.3	61.1	48.8	24/01/2024 09:00	55.0	65.9	52.7
23/01/2024 21:15	53.6	64.2	50.3	24/01/2024 09:15	55.4	66.3	53.5
23/01/2024 21:30	53.2	66.5	49.5	24/01/2024 09:30	56.4	66.1	54.2
23/01/2024 21:45	55.4	66.6	51.5	24/01/2024 09:45	57.1	67.2	54.8
23/01/2024 22:00	53.9	65.2	50.1	24/01/2024 10:00	55.8	67.0	53.5
23/01/2024 22:15	54.0	70.0	50.0	24/01/2024 10:15	54.6	66.5	52.4
23/01/2024 22:30	54.1	68.1	48.8	24/01/2024 10:30	54.0	64.5	51.6
23/01/2024 22:45	53.8	68.3	48.8	24/01/2024 10:45	53.1	63.2	51.0
23/01/2024 23:00	53.4	64.5	49.6	24/01/2024 11:00	53.0	67.9	51.1
23/01/2024 23:15	54.5	68.6	50.3	24/01/2024 11:15	52.5	58.5	50.2
23/01/2024 23:30	52.7	64.3	48.0	24/01/2024 11:30	52.9	61.4	50.8
23/01/2024 23:45	51.6	64.6	45.6	24/01/2024 11:45	53.1	60.5	51.2
24/01/2024 00:00	50.0	65.4	45.9	24/01/2024 12:00	53.0	59.4	51.3

Appendix E – Baseline Noise Survey Data Tween Bridge Solar Farm Baseline Noise Survey Report

MP5

Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB	Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB
18/01/2024 11:45	59.1	70.5	45.4	18/01/2024 23:45	48.9	70.3	37.6
18/01/2024 12:00	60.2	73.0	45.3	19/01/2024 00:00	44.2	64.8	36.6
18/01/2024 12:15	59.6	72.3	46.7	19/01/2024 00:15	45.9	68.0	38.4
18/01/2024 12:30	59.5	70.4	45.2	19/01/2024 00:30	41.8	63.3	36.2
18/01/2024 12:45	60.3	72.4	46.1	19/01/2024 00:45	46.4	65.7	37.0
18/01/2024 13:00	59.7	73.8	47.2	19/01/2024 01:00	46.4	68.4	36.9
18/01/2024 13:15	60.9	76.5	47.1	19/01/2024 01:15	43.4	63.5	36.2
18/01/2024 13:30	59.7	73.5	46.5	19/01/2024 01:30	44.2	70.8	36.1
18/01/2024 13:45	60.1	72.7	48.5	19/01/2024 01:45	42.3	65.9	34.0
18/01/2024 14:00	60.3	72.9	47.8	19/01/2024 02:00	47.9	67.2	37.1
18/01/2024 14:15	60.1	72.7	47.7	19/01/2024 02:15	37.5	45.4	34.7
18/01/2024 14:30	60.4	73.7	48.3	19/01/2024 02:30	49.5	73.3	34.3
18/01/2024 14:45	60.1	71.2	45.8	19/01/2024 02:45	47.8	68.0	36.1
18/01/2024 15:00	60.3	71.7	49.1	19/01/2024 03:00	46.3	70.9	36.6
18/01/2024 15:15	61.0	73.6	48.4	19/01/2024 03:15	51.1	70.4	35.0
18/01/2024 15:30	61.0	72.2	51.4	19/01/2024 03:30	52.4	73.4	37.7
18/01/2024 15:45	60.1	70.7	49.8	19/01/2024 03:45	53.6	73.5	39.3
18/01/2024 16:00	59.8	71.3	49.5	19/01/2024 04:00	53.9	73.4	40.2
18/01/2024 16:15	60.1	70.9	50.5	19/01/2024 04:15	54.9	72.7	40.7
18/01/2024 16:30	60.7	69.8	50.9	19/01/2024 04:30	57.0	71.7	41.8
18/01/2024 16:45	60.1	72.5	50.6	19/01/2024 04:45	54.5	71.7	43.7
18/01/2024 17:00	60.1	68.0	52.0	19/01/2024 05:00	53.5	71.2	44.2
18/01/2024 17:15	60.0	71.4	49.9	19/01/2024 05:15	55.6	73.9	44.7
18/01/2024 17:30	60.1	71.6	50.9	19/01/2024 05:30	58.3	73.3	47.7
18/01/2024 17:45	59.2	71.8	50.0	19/01/2024 05:45	59.7	73.6	50.6
18/01/2024 18:00	59.0	70.7	48.8	19/01/2024 06:00	58.6	72.0	47.5
18/01/2024 18:15	58.8	71.4	49.2	19/01/2024 06:15	57.6	71.3	49.0
18/01/2024 18:30	57.5	70.9	46.3	19/01/2024 06:30	59.0	71.8	51.0
18/01/2024 18:45	57.4	69.9	45.2	19/01/2024 06:45	59.6	70.8	52.5
18/01/2024 19:00	57.3	70.2	45.1	19/01/2024 07:00	60.5	71.9	53.3
18/01/2024 19:15	57.4	73.1	44.6	19/01/2024 07:15	60.7	72.7	54.6
18/01/2024 19:30	56.1	71.1	43.1	19/01/2024 07:30	62.3	72.7	55.5
18/01/2024 19:45	54.0	69.7	42.8	19/01/2024 07:45	62.5	72.2	55.8
18/01/2024 20:00	55.0	69.2	42.3	19/01/2024 08:00	62.9	73.0	55.1
18/01/2024 20:15	56.5	68.8	44.9	19/01/2024 08:15	63.1	75.0	56.0
18/01/2024 20:30	54.8	69.7	41.5	19/01/2024 08:30	61.1	71.8	54.8
18/01/2024 20:45	53.7	68.9	41.0	19/01/2024 08:45	61.1	71.1	53.6
18/01/2024 21:00	51.2	66.7	39.6	19/01/2024 09:00	60.8	72.9	53.8
18/01/2024 21:15	54.0	69.8	40.8	19/01/2024 09:15	60.6	72.6	53.2
18/01/2024 21:30	54.2	71.0	39.8	19/01/2024 09:30	60.7	72.7	53.0
18/01/2024 21:45	53.8	68.6	38.5	19/01/2024 09:45	60.2	72.1	53.0
18/01/2024 22:00	52.5	70.4	39.2	19/01/2024 10:00	61.1	72.3	53.6
18/01/2024 22:15	51.2	68.3	38.3	19/01/2024 10:15	62.1	74.1	54.6
18/01/2024 22:30	54.9	71.2	38.5	19/01/2024 10:30	61.2	72.4	53.3
18/01/2024 22:45	51.0	69.4	37.6	19/01/2024 10:45	61.4	73.8	52.7
18/01/2024 23:00	50.3	68.6	38.1	19/01/2024 11:00	60.3	75.3	52.0
18/01/2024 23:15	51.1	70.9	37.8	19/01/2024 11:15	60.4	73.6	50.7
18/01/2024 23:30	50.8	67.5	38.5	19/01/2024 11:30	60.5	72.7	50.3

Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB	Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB
19/01/2024 11:45	60.3	72.4	50.3	19/01/2024 23:45	51.7	70.5	41.4
19/01/2024 12:00	59.6	71.0	49.5	20/01/2024 00:00	50.6	68.3	41.5
19/01/2024 12:15	60.0	72.8	50.1	20/01/2024 00:15	47.0	62.9	41.5
19/01/2024 12:30	59.3	70.8	51.3	20/01/2024 00:30	48.4	66.8	41.4
19/01/2024 12:45	58.9	72.9	50.3	20/01/2024 00:45	47.5	64.4	41.8
19/01/2024 13:00	58.7	71.0	49.6	20/01/2024 01:00	43.0	51.4	40.1
19/01/2024 13:15	59.1	72.3	50.4	20/01/2024 01:15	46.3	67.7	41.1
19/01/2024 13:30	60.2	72.0	50.9	20/01/2024 01:30	48.7	66.3	39.9
19/01/2024 13:45	60.3	73.0	49.4	20/01/2024 01:45	41.6	49.2	39.4
19/01/2024 14:00	60.3	72.6	50.9	20/01/2024 02:00	45.4	67.8	39.6
19/01/2024 14:15	60.4	72.5	51.4	20/01/2024 02:15	43.7	62.8	38.8
19/01/2024 14:30	61.2	74.1	52.8	20/01/2024 02:30	41.6	62.0	36.6
19/01/2024 14:45	60.0	72.2	51.2	20/01/2024 02:45	47.4	69.5	38.4
19/01/2024 15:00	59.7	71.2	51.2	20/01/2024 03:00	43.6	64.9	39.0
19/01/2024 15:15	59.6	71.7	51.5	20/01/2024 03:15	47.1	70.3	41.7
19/01/2024 15:30	59.7	72.4	51.0	20/01/2024 03:30	45.9	66.4	41.9
19/01/2024 15:45	59.9	71.6	51.9	20/01/2024 03:45	44.6	59.6	41.4
19/01/2024 16:00	59.5	70.3	51.9	20/01/2024 04:00	47.4	63.2	42.0
19/01/2024 16:15	59.3	69.3	51.3	20/01/2024 04:15	47.2	64.3	42.3
19/01/2024 16:30	59.4	70.3	51.9	20/01/2024 04:30	52.6	64.6	46.9
19/01/2024 16:45	59.0	71.1	51.1	20/01/2024 04:45	49.1	67.3	43.5
19/01/2024 17:00	59.8	72.2	52.7	20/01/2024 05:00	46.8	64.2	42.2
19/01/2024 17:15	59.9	72.7	53.2	20/01/2024 05:15	52.1	71.6	42.2
19/01/2024 17:30	59.4	75.3	51.1	20/01/2024 05:30	53.0	69.9	42.6
19/01/2024 17:45	58.5	70.3	51.0	20/01/2024 05:45	51.8	66.9	42.9
19/01/2024 18:00	58.5	70.9	51.1	20/01/2024 06:00	52.5	69.7	42.2
19/01/2024 18:15	58.8	69.2	49.9	20/01/2024 06:15	52.3	69.3	45.4
19/01/2024 18:30	57.2	71.4	49.1	20/01/2024 06:30	53.9	69.9	47.1
19/01/2024 18:45	54.4	69.3	46.7	20/01/2024 06:45	53.4	65.4	47.3
19/01/2024 19:00	55.0	67.5	47.5	20/01/2024 07:00	53.4	69.6	47.4
19/01/2024 19:15	54.8	68.9	46.3	20/01/2024 07:15	54.3	68.2	47.8
19/01/2024 19:30	55.6	70.3	45.5	20/01/2024 07:30	54.3	70.4	49.1
19/01/2024 19:45	54.6	67.3	45.3	20/01/2024 07:45	54.8	71.3	47.6
19/01/2024 20:00	55.1	69.4	45.6	20/01/2024 08:00	54.9	69.1	46.4
19/01/2024 20:15	53.4	69.4	44.6	20/01/2024 08:15	56.5	70.8	47.5
19/01/2024 20:30	53.7	67.9	43.5	20/01/2024 08:30	56.8	69.2	48.0
19/01/2024 20:45	52.4	68.5	43.5	20/01/2024 08:45	57.2	71.6	47.4
19/01/2024 21:00	52.5	71.7	44.1	20/01/2024 09:00	55.4	67.7	47.5
19/01/2024 21:15	50.4	65.5	43.6	20/01/2024 09:15	56.2	73.1	47.2
19/01/2024 21:30	51.3	71.3	44.5	20/01/2024 09:30	56.8	69.0	48.2
19/01/2024 21:45	51.7	71.6	43.5	20/01/2024 09:45	56.1	71.5	49.1
19/01/2024 22:00	52.2	69.6	44.0	20/01/2024 10:00	56.2	70.0	49.1
19/01/2024 22:15	50.6	67.4	44.0	20/01/2024 10:15	56.3	71.5	49.4
19/01/2024 22:30	48.8	66.1	42.7	20/01/2024 10:30	55.8	68.1	50.6
19/01/2024 22:45	50.7	66.9	43.1	20/01/2024 10:45	58.5	67.5	54.0
19/01/2024 23:00	49.7	68.6	41.5	20/01/2024 11:00	58.2	69.2	52.1
19/01/2024 23:15	51.6	68.6	41.6	20/01/2024 11:15	56.8	66.7	51.7
19/01/2024 23:30	49.1	67.4	41.3	20/01/2024 11:30	56.8	66.9	51.8

Appendix E – Baseline Noise Survey Data Tween Bridge Solar Farm Baseline Noise Survey Report

Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB	Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB
20/01/2024 11:45	56.9	74.5	50.4	20/01/2024 23:45	52.2	68.0	44.6
20/01/2024 12:00	56.7	73.6	49.5	21/01/2024 00:00	52.3	66.5	43.8
20/01/2024 12:15	57.3	69.0	47.9	21/01/2024 00:15	51.4	67.4	43.5
20/01/2024 12:30	57.2	72.3	48.5	21/01/2024 00:30	53.4	68.9	42.7
20/01/2024 12:45	57.5	73.4	48.0	21/01/2024 00:45	50.1	66.8	44.4
20/01/2024 13:00	56.6	68.6	48.1	21/01/2024 01:00	49.4	61.8	43.6
20/01/2024 13:15	57.4	72.8	48.6	21/01/2024 01:15	50.6	68.1	43.5
20/01/2024 13:30	56.5	68.2	48.3	21/01/2024 01:30	47.9	61.6	42.5
20/01/2024 13:45	57.1	69.8	47.9	21/01/2024 01:45	49.8	68.5	42.5
20/01/2024 14:00	56.5	71.4	48.1	21/01/2024 02:00	48.8	61.2	43.1
20/01/2024 14:15	57.3	67.9	47.6	21/01/2024 02:15	50.2	62.4	44.6
20/01/2024 14:30	57.9	68.7	49.0	21/01/2024 02:30	50.5	63.5	45.3
20/01/2024 14:45	58.9	68.9	49.3	21/01/2024 02:45	49.3	66.5	44.6
20/01/2024 15:00	60.2	70.6	49.2	21/01/2024 03:00	48.7	68.1	43.1
20/01/2024 15:15	59.8	70.6	49.3	21/01/2024 03:15	48.0	64.1	43.1
20/01/2024 15:30	60.8	74.1	50.5	21/01/2024 03:30	48.0	61.4	43.6
20/01/2024 15:45	59.9	71.0	49.4	21/01/2024 03:45	47.9	60.4	43.1
20/01/2024 16:00	60.2	71.0	49.0	21/01/2024 04:00	49.4	64.2	42.7
20/01/2024 16:15	60.8	72.3	48.6	21/01/2024 04:15	49.4	61.7	43.1
20/01/2024 16:30	61.0	71.3	48.0	21/01/2024 04:30	48.9	62.9	43.6
20/01/2024 16:45	62.1	75.6	49.4	21/01/2024 04:45	49.2	68.1	43.2
20/01/2024 17:00	60.0	72.2	47.4	21/01/2024 05:00	50.7	65.3	44.9
20/01/2024 17:15	59.7	69.9	48.2	21/01/2024 05:15	53.8	78.8	42.4
20/01/2024 17:30	59.3	69.4	49.3	21/01/2024 05:30	52.8	73.1	42.7
20/01/2024 17:45	58.3	69.2	46.9	21/01/2024 05:45	49.7	70.0	41.3
20/01/2024 18:00	60.6	71.2	47.5	21/01/2024 06:00	51.6	69.5	43.9
20/01/2024 18:15	58.7	70.2	46.4	21/01/2024 06:15	51.3	71.0	43.5
20/01/2024 18:30	59.6	75.1	46.4	21/01/2024 06:30	51.3	68.4	43.9
20/01/2024 18:45	58.3	70.6	44.9	21/01/2024 06:45	49.7	66.3	43.7
20/01/2024 19:00	57.0	71.4	45.2	21/01/2024 07:00	52.8	71.5	46.2
20/01/2024 19:15	56.4	68.9	47.1	21/01/2024 07:15	52.3	67.5	46.6
20/01/2024 19:30	55.4	72.9	46.8	21/01/2024 07:30	53.8	68.9	46.4
20/01/2024 19:45	55.4	70.9	45.3	21/01/2024 07:45	54.9	67.8	46.9
20/01/2024 20:00	54.4	70.0	45.4	21/01/2024 08:00	57.8	70.2	48.5
20/01/2024 20:15	54.4	68.8	45.0	21/01/2024 08:15	56.9	72.1	47.0
20/01/2024 20:30	54.9	67.5	44.2	21/01/2024 08:30	55.6	69.4	47.5
20/01/2024 20:45	54.9	67.5	45.9	21/01/2024 08:45	56.2	70.3	48.5
20/01/2024 21:00	54.4	73.0	43.7	21/01/2024 09:00	56.6	68.9	49.3
20/01/2024 21:15	53.2	69.3	43.0	21/01/2024 09:15	56.9	76.5	49.1
20/01/2024 21:30	51.9	66.3	43.9	21/01/2024 09:30	55.8	68.6	48.1
20/01/2024 21:45	53.0	67.3	44.5	21/01/2024 09:45	56.7	73.1	48.8
20/01/2024 22:00	53.6	70.1	43.1	21/01/2024 10:00	55.5	69.2	48.0
20/01/2024 22:15	51.9	68.0	43.3	21/01/2024 10:15	55.5	67.4	49.2
20/01/2024 22:30	53.8	67.6	44.3	21/01/2024 10:30	56.2	68.5	49.9
20/01/2024 22:45	54.7	72.7	44.4	21/01/2024 10:45	56.0	77.0	48.7
20/01/2024 23:00	54.6	76.7	45.9	21/01/2024 11:00	56.6	72.3	49.3
20/01/2024 23:15	52.9	69.0	45.9	21/01/2024 11:15	56.3	73.1	49.2
20/01/2024 23:30	53.1	68.1	45.3	21/01/2024 11:30	56.9	71.5	48.4

Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB	Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB
21/01/2024 11:45	58.1	71.8	49.2	21/01/2024 23:45	91.1	104.7	82.8
21/01/2024 12:00	58.9	71.3	49.5	22/01/2024 00:00	90.0	106.0	79.9
21/01/2024 12:15	59.4	70.5	50.4	22/01/2024 00:15	84.3	98.2	74.9
21/01/2024 12:30	59.1	69.6	52.4	22/01/2024 00:30	86.6	100.3	77.4
21/01/2024 12:45	57.8	69.1	53.3	22/01/2024 00:45	86.7	100.0	78.8
21/01/2024 13:00	57.2	69.2	51.1	22/01/2024 01:00	87.0	100.1	78.7
21/01/2024 13:15	57.0	69.9	52.0	22/01/2024 01:15	84.0	104.6	51.7
21/01/2024 13:30	60.5	77.0	53.1	22/01/2024 01:30	86.2	108.7	68.8
21/01/2024 13:45	60.4	70.6	54.3	22/01/2024 01:45	76.5	93.9	60.8
21/01/2024 14:00	59.8	75.4	53.6	22/01/2024 02:00	81.0	101.0	63.5
21/01/2024 14:15	58.8	71.3	53.9	22/01/2024 02:15	75.3	92.3	60.9
21/01/2024 14:30	80.9	103.7	58.8	22/01/2024 02:30	75.9	96.7	61.5
21/01/2024 14:45	82.2	95.3	72.8	22/01/2024 02:45	81.8	97.5	69.8
21/01/2024 15:00	81.7	95.9	72.4	22/01/2024 03:00	84.2	100.5	72.1
21/01/2024 15:15	86.6	100.7	76.7	22/01/2024 03:15	81.1	96.8	64.9
21/01/2024 15:30	85.1	98.4	76.3	22/01/2024 03:30	75.0	92.8	60.4
21/01/2024 15:45	84.1	96.8	75.7	22/01/2024 03:45	77.2	97.4	64.1
21/01/2024 16:00	86.6	100.2	77.2	22/01/2024 04:00	79.9	98.7	65.2
21/01/2024 16:15	85.7	102.0	73.8	22/01/2024 04:15	82.9	98.5	67.6
21/01/2024 16:30	85.8	99.5	73.8	22/01/2024 04:30	80.0	95.3	67.1
21/01/2024 16:45	85.9	101.7	75.9	22/01/2024 04:45	78.8	94.2	65.8
21/01/2024 17:00	87.1	101.5	76.0	22/01/2024 05:00	78.9	96.3	62.6
21/01/2024 17:15	87.0	101.2	77.5	22/01/2024 05:15	72.1	88.5	59.4
21/01/2024 17:30	90.7	107.3	81.6	22/01/2024 05:30	73.5	89.7	60.7
21/01/2024 17:45	87.3	102.4	77.5	22/01/2024 05:45	76.1	92.4	62.4
21/01/2024 18:00	86.7	102.6	77.2	22/01/2024 06:00	78.4	93.1	65.1
21/01/2024 18:15	87.1	100.3	78.5	22/01/2024 06:15	78.1	92.6	65.3
21/01/2024 18:30	88.1	102.6	78.2	22/01/2024 06:30	79.3	91.4	66.7
21/01/2024 18:45	89.6	103.3	80.5	22/01/2024 06:45	80.6	99.4	66.5
21/01/2024 19:00	89.3	107.2	79.2	22/01/2024 07:00	77.8	97.4	64.0
21/01/2024 19:15	86.7	97.4	77.6	22/01/2024 07:15	73.4	88.2	63.9
21/01/2024 19:30	87.8	100.8	76.1	22/01/2024 07:30	75.8	89.2	63.4
21/01/2024 19:45	89.7	106.3	80.3	22/01/2024 07:45	74.2	92.3	62.0
21/01/2024 20:00	88.1	105.9	77.6	22/01/2024 08:00	74.5	89.5	64.5
21/01/2024 20:15	88.5	103.8	79.3	22/01/2024 08:15	74.7	89.8	62.7
21/01/2024 20:30	87.0	101.9	76.6	22/01/2024 08:30	77.5	90.1	66.2
21/01/2024 20:45	87.9	102.2	79.6	22/01/2024 08:45	79.8	95.0	69.3
21/01/2024 21:00	89.3	103.1	80.6	22/01/2024 09:00	78.8	97.6	65.5
21/01/2024 21:15	91.3	104.4	81.1	22/01/2024 09:15	79.3	94.0	67.4
21/01/2024 21:30	88.1	100.3	80.8	22/01/2024 09:30	76.6	92.9	63.7
21/01/2024 21:45	88.2	102.1	80.2	22/01/2024 09:45	75.9	92.4	64.1
21/01/2024 22:00	89.0	105.2	80.3	22/01/2024 10:00	79.4	94.6	67.0
21/01/2024 22:15	87.4	99.3	79.5	22/01/2024 10:15	79.9	96.5	67.0
21/01/2024 22:30	86.7	99.0	78.8	22/01/2024 10:30	77.7	92.0	64.1
21/01/2024 22:45	90.1	114.3	79.6	22/01/2024 10:45	76.4	91.7	62.1
21/01/2024 23:00	92.3	114.0	84.2	22/01/2024 11:00	79.4	96.2	65.2
21/01/2024 23:15	89.8	113.8	79.0	22/01/2024 11:15	75.5	94.3	62.1
21/01/2024 23:30	88.2	104.5	79.6	22/01/2024 11:30	75.4	92.9	60.6

Appendix E – Baseline Noise Survey Data Tween Bridge Solar Farm Baseline Noise Survey Report

Time	LAeq dB	max (FAS dB	LAF90 dB
22/01/2024 11:45	77.9	96.7	60.2
22/01/2024 12:00	76.2	91.9	61.1
22/01/2024 12:15	77.5	91.4	61.5
22/01/2024 12:30	72.4	90.2	58.8
22/01/2024 12:45	71.9	90.3	56.1
22/01/2024 13:00	78.1	94.3	59.8
22/01/2024 13:15	74.8	92.8	60.0
22/01/2024 13:30	75.4	91.3	57.9
22/01/2024 13:45	74.9	92.0	59.6
22/01/2024 14:00	75.2	91.1	61.6
22/01/2024 14:15	72.1	87.1	59.0
22/01/2024 14:30	71.7	88.2	59.2
22/01/2024 14:45	71.8	90.1	57.7
22/01/2024 15:00	67.8	87.2	54.4
22/01/2024 15:15	69.5	86.3	57.5
22/01/2024 15:30	72.5	87.9	58.8
22/01/2024 15:45	72.3	90.1	57.6
22/01/2024 16:00	68.9	84.8	56.3
22/01/2024 16:15	70.0	90.6	57.9
22/01/2024 16:30	75.1	89.5	62.1
22/01/2024 16:45	76.8	90.6	63.4
22/01/2024 17:00	72.2	88.4	60.0
22/01/2024 17:15	73.2	89.9	59.9
22/01/2024 17:30	73.7	92.3	60.0
22/01/2024 17:45	70.2	87.6	57.4
22/01/2024 18:00	79.8	101.0	62.4
22/01/2024 18:15	67.4	83.2	56.3
22/01/2024 18:30	70.5	87.7	52.7
22/01/2024 18:45	73.6	90.7	59.2
22/01/2024 19:00	71.5	88.3	56.3
22/01/2024 19:15	73.4	90.9	58.3
22/01/2024 19:30	76.6	96.1	59.9
22/01/2024 19:45	77.9	93.3	62.9
22/01/2024 20:00	73.1	89.7	56.6
22/01/2024 20:15	67.4	83.1	53.0
22/01/2024 20:30	69.7	89.1	52.2
22/01/2024 20:45	65.3	82.3	48.1
22/01/2024 21:00	64.3	81.2	49.1
22/01/2024 21:15	68.4	85.3	50.7
22/01/2024 21:30	71.0	89.3	52.4
22/01/2024 21:45	66.8	83.4	50.1
22/01/2024 22:00	67.3	84.2	52.0
22/01/2024 22:15	66.5	86.7	50.7
22/01/2024 22:30	69.5	89.0	52.5
22/01/2024 22:45	72.8	90.9	56.2
22/01/2024 23:00	70.3	92.3	54.1
22/01/2024 23:15	72.4	87.9	54.7
22/01/2024 23:30	72.2	92.3	57.3

Time	LAeq dB	max (FAS dB	LAF90 dB
23/01/2024 11:45	74.1	88.9	63.9
23/01/2024 12:00	70.9	89.6	61.0
23/01/2024 12:15	68.6	83.5	61.0
23/01/2024 12:30	70.5	86.3	61.5
23/01/2024 12:45	68.8	83.3	60.1
23/01/2024 13:00	70.0	86.6	60.8
23/01/2024 13:15	72.5	88.1	63.4
23/01/2024 13:30	76.8	91.7	66.6
23/01/2024 13:45	79.9	94.7	70.8
23/01/2024 14:00	79.5	94.9	69.2
23/01/2024 14:15	78.7	93.9	69.2
23/01/2024 14:30	79.4	92.3	70.3
23/01/2024 14:45	77.0	91.6	67.7
23/01/2024 15:00	75.9	89.7	65.8
23/01/2024 15:15	75.1	90.1	65.1
23/01/2024 15:30	77.0	92.2	67.5
23/01/2024 15:45	76.9	90.3	67.2
23/01/2024 16:00	75.1	89.9	66.0
23/01/2024 16:15	74.6	89.8	64.4
23/01/2024 16:30	71.4	89.1	62.3
23/01/2024 16:45	72.6	86.7	62.2
23/01/2024 17:00	75.8	88.5	64.3
23/01/2024 17:15	79.3	92.0	70.0
23/01/2024 17:30	81.1	93.6	72.1
23/01/2024 17:45	81.4	92.9	73.3
23/01/2024 18:00	82.9	101.2	74.2
23/01/2024 18:15	82.5	96.9	73.8
23/01/2024 18:30	81.8	92.6	74.1
23/01/2024 18:45	81.5	94.2	72.7
23/01/2024 19:00	82.1	93.4	73.6
23/01/2024 19:15	80.5	93.7	71.0
23/01/2024 19:30	85.4	101.3	69.3
23/01/2024 19:45	86.6	101.5	76.1
23/01/2024 20:00	81.9	95.3	71.5
23/01/2024 20:15	81.6	95.8	68.5
23/01/2024 20:30	80.6	93.9	65.4
23/01/2024 20:45	81.5	95.1	69.1
23/01/2024 21:00	80.6	100.1	65.1
23/01/2024 21:15	84.6	100.6	70.5
23/01/2024 21:30	90.1	102.2	81.8
23/01/2024 21:45	89.8	103.1	79.5
23/01/2024 22:00	87.8	101.6	74.1
23/01/2024 22:15	86.7	103.9	73.4
23/01/2024 22:30	82.9	100.7	70.1
23/01/2024 22:45	84.2	100.0	69.8
23/01/2024 23:00	84.5	101.1	70.1
23/01/2024 23:15	85.4	102.2	68.7
23/01/2024 23:30	83.8	102.8	70.1

Appendix E – Baseline Noise Survey Data Tween Bridge Solar Farm Baseline Noise Survey Report

MP6

Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB	Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB
18/01/2024 10:45	51.7	78.9	40.4	18/01/2024 22:45	38.9	51.6	35.2
18/01/2024 11:00	44.2	66.8	39.4	18/01/2024 23:00	38.4	48.9	36.1
18/01/2024 11:15	42.0	56.2	38.5	18/01/2024 23:15	39.7	57.1	35.9
18/01/2024 11:30	43.7	61.8	38.3	18/01/2024 23:30	42.8	56.7	35.6
18/01/2024 11:45	42.9	57.2	38.0	18/01/2024 23:45	37.1	53.3	34.2
18/01/2024 12:00	40.6	53.0	37.2	19/01/2024 00:00	35.6	42.3	33.8
18/01/2024 12:15	43.5	60.2	36.4	19/01/2024 00:15	40.6	54.1	34.9
18/01/2024 12:30	40.9	57.7	37.7	19/01/2024 00:30	38.3	60.6	33.9
18/01/2024 12:45	40.7	51.7	37.0	19/01/2024 00:45	36.0	45.9	33.3
18/01/2024 13:00	43.0	60.1	37.5	19/01/2024 01:00	39.7	53.9	34.3
18/01/2024 13:15	44.7	62.8	38.1	19/01/2024 01:15	43.4	57.8	32.9
18/01/2024 13:30	40.8	56.1	37.5	19/01/2024 01:30	34.9	44.1	33.0
18/01/2024 13:45	40.8	64.6	38.1	19/01/2024 01:45	35.0	47.9	32.3
18/01/2024 14:00	42.5	68.2	38.9	19/01/2024 02:00	41.3	56.1	33.6
18/01/2024 14:15	43.0	55.1	39.1	19/01/2024 02:15	34.3	40.7	32.0
18/01/2024 14:30	42.9	53.0	39.2	19/01/2024 02:30	34.6	43.6	32.0
18/01/2024 14:45	42.0	51.9	39.7	19/01/2024 02:45	36.4	44.2	33.5
18/01/2024 15:00	43.1	67.0	39.7	19/01/2024 03:00	46.5	59.4	33.4
18/01/2024 15:15	42.3	50.7	40.0	19/01/2024 03:15	35.3	44.6	32.4
18/01/2024 15:30	43.8	52.5	40.7	19/01/2024 03:30	37.4	45.9	34.5
18/01/2024 15:45	45.0	57.8	42.2	19/01/2024 03:45	42.0	54.6	36.6
18/01/2024 16:00	44.5	55.7	41.5	19/01/2024 04:00	39.6	47.3	37.2
18/01/2024 16:15	45.3	51.8	43.0	19/01/2024 04:15	40.1	46.5	37.2
18/01/2024 16:30	44.9	54.3	42.9	19/01/2024 04:30	40.0	47.5	37.3
18/01/2024 16:45	44.4	53.1	42.3	19/01/2024 04:45	41.9	51.1	40.0
18/01/2024 17:00	44.9	49.7	43.2	19/01/2024 05:00	40.6	47.5	38.6
18/01/2024 17:15	45.7	54.5	43.7	19/01/2024 05:15	42.3	52.2	39.4
18/01/2024 17:30	47.0	59.3	43.4	19/01/2024 05:30	42.4	51.4	40.0
18/01/2024 17:45	44.6	52.3	43.0	19/01/2024 05:45	43.5	48.2	41.9
18/01/2024 18:00	44.6	52.1	43.1	19/01/2024 06:00	45.0	55.2	42.3
18/01/2024 18:15	44.5	54.0	42.7	19/01/2024 06:15	44.3	49.6	42.6
18/01/2024 18:30	42.2	52.1	40.1	19/01/2024 06:30	45.0	51.5	43.4
18/01/2024 18:45	42.8	51.1	40.3	19/01/2024 06:45	46.3	54.5	44.9
18/01/2024 19:00	43.9	53.4	40.4	19/01/2024 07:00	46.7	51.3	45.4
18/01/2024 19:15	45.5	65.5	40.3	19/01/2024 07:15	48.1	52.2	46.9
18/01/2024 19:30	41.0	48.1	39.1	19/01/2024 07:30	48.7	52.4	47.4
18/01/2024 19:45	42.6	54.7	38.7	19/01/2024 07:45	48.9	63.3	47.1
18/01/2024 20:00	40.5	50.5	38.2	19/01/2024 08:00	48.4	56.9	46.9
18/01/2024 20:15	40.5	54.7	37.5	19/01/2024 08:15	49.0	73.0	47.5
18/01/2024 20:30	39.5	50.7	37.2	19/01/2024 08:30	48.5	52.9	47.3
18/01/2024 20:45	43.7	61.0	37.2	19/01/2024 08:45	47.6	55.6	46.2
18/01/2024 21:00	42.6	55.1	36.6	19/01/2024 09:00	47.2	65.2	45.6
18/01/2024 21:15	40.3	47.2	37.7	19/01/2024 09:15	47.8	57.6	46.1
18/01/2024 21:30	39.2	52.1	36.6	19/01/2024 09:30	47.8	58.2	46.3
18/01/2024 21:45	40.7	51.9	36.2	19/01/2024 09:45	47.7	56.8	45.7
18/01/2024 22:00	40.6	56.1	36.1	19/01/2024 10:00	49.0	65.0	47.3
18/01/2024 22:15	41.2	56.5	36.4	19/01/2024 10:15	50.1	58.2	48.8
18/01/2024 22:30	38.7	46.7	35.1	19/01/2024 10:30	48.8	53.8	46.8
19/01/2024 10:45	48.1	72.7	46.3	19/01/2024 22:45	38.3	48.1	36.2
19/01/2024 11:00	47.1	55.6	45.5	19/01/2024 23:00	38.9	57.8	36.2
19/01/2024 11:15	47.7	62.5	44.1	19/01/2024 23:15	37.8	46.4	35.7
19/01/2024 11:30	46.9	61.2	44.0	19/01/2024 23:30	38.6	55.3	36.1
19/01/2024 11:45	47.4	60.1	44.5	19/01/2024 23:45	38.4	47.9	36.4
19/01/2024 12:00	46.8	55.7	44.4	20/01/2024 00:00	38.7	45.1	36.6
19/01/2024 12:15	46.3	55.2	44.3	20/01/2024 00:15	37.5	43.2	36.1
19/01/2024 12:30	46.8	69.0	44.8	20/01/2024 00:30	38.1	45.6	36.0
19/01/2024 12:45	45.4	52.8	43.4	20/01/2024 00:45	37.6	45.6	35.3
19/01/2024 13:00	45.1	53.8	43.0	20/01/2024 01:00	36.7	42.5	34.6
19/01/2024 13:15	46.1	67.5	43.3	20/01/2024 01:15	36.9	47.0	34.5
19/01/2024 13:30	46.2	54.3	44.1	20/01/2024 01:30	37.0	43.5	35.0
19/01/2024 13:45	46.7	58.1	44.3	20/01/2024 01:45	36.3	45.4	33.7
19/01/2024 14:00	45.6	62.4	43.4	20/01/2024 02:00	36.2	44.0	34.0
19/01/2024 14:15	46.2	52.8	44.2	20/01/2024 02:15	36.0	42.0	33.5
19/01/2024 14:30	46.4	53.5	44.6	20/01/2024 02:30	34.6	42.4	30.8
19/01/2024 14:45	46.4	53.7	44.6	20/01/2024 02:45	36.2	44.5	33.6
19/01/2024 15:00	46.7	66.7	44.4	20/01/2024 03:00	35.6	46.4	32.5
19/01/2024 15:15	47.0	54.6	45.2	20/01/2024 03:15	37.4	52.5	33.7
19/01/2024 15:30	47.7	56.6	45.4	20/01/2024 03:30	35.6	45.0	33.5
19/01/2024 15:45	47.7	73.6	45.7	20/01/2024 03:45	36.1	43.5	34.3
19/01/2024 16:00	46.5	52.3	45.0	20/01/2024 04:00	36.7	45.0	34.7
19/01/2024 16:15	46.3	51.9	44.4	20/01/2024 04:15	38.8	47.8	35.1
19/01/2024 16:30	45.7	51.5	43.8	20/01/2024 04:30	44.0	53.4	39.7
19/01/2024 16:45	46.2	65.7	44.1	20/01/2024 04:45	39.1	47.9	37.1
19/01/2024 17:00	47.3	55.4	45.4	20/01/2024 05:00	37.7	44.0	35.7
19/01/2024 17:15	46.7	56.0	45.4	20/01/2024 05:15	39.0	49.5	36.2
19/01/2024 17:30	46.4	50.9	45.1	20/01/2024 05:30	39.3	48.5	37.0
19/01/2024 17:45	46.5	60.5	44.7	20/01/2024 05:45	39.1	45.9	37.3
19/01/2024 18:00	45.6	50.1	44.3	20/01/2024 06:00	39.7	47.9	37.3
19/01/2024 18:15	45.2	51.9	43.7	20/01/2024 06:15	40.4	53.0	38.3
19/01/2024 18:30	44.6	51.4	42.7	20/01/2024 06:30	41.5	50.8	39.3
19/01/2024 18:45	43.1	50.1	41.4	20/01/2024 06:45	42.0	48.4	40.1
19/01/2024 19:00	44.3	57.6	42.0	20/01/2024 07:00	42.2	50.6	40.0
19/01/2024 19:15	42.4	55.2	40.5	20/01/2024 07:15	43.2	49.5	41.2
19/01/2024 19:30	43.0	50.2	40.5	20/01/2024 07:30	44.2	52.6	42.1
19/01/2024 19:45	41.2	48.2	39.4	20/01/2024 07:45	43.2	52.8	40.9
19/01/2024 20:00	41.0	51.5	38.9	20/01/2024 08:00	41.8	54.3	39.9
19/01/2024 20:15	40.8	48.4	39.1	20/01/2024 08:15	43.1	63.6	41.5
19/01/2024 20:30	41.0	50.1	38.6	20/01/2024 08:30	43.4	53.6	41.3
19/01/2024 20:45	40.5	51.0	38.6	20/01/2024 08:45	43.9	55.9	41.8
19/01/2024 21:00	41.2	49.1	38.8	20/01/2024 09:00	44.2	66.6	41.2
19/01/2024 21:15	40.0	49.6	37.9	20/01/2024 09:15	44.1	55.9	42.0
19/01/2024 21:30	39.9	47.2	38.1	20/01/2024 09:30	43.6	55.6	42.1
19/01/2024 21:45	47.3	71.0	37.7	20/01/2024 09:45	44.5	52.3	42.5
19/01/2024 22:00	39.7	51.2	38.0	20/01/2024 10:00	47.8	70.9	43.3
19/01/2024 22:15	40.1	50.9	37.2	20/01/2024 10:15	45.5	53.4	43.5
19/01/2024 22:30	38.1	47.1	36.3	20/01/2024 10:30	45.7	54.3	43.2

Appendix E – Baseline Noise Survey Data Tween Bridge Solar Farm Baseline Noise Survey Report

Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB	Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB
20/01/2024 10:45	48.9	64.5	45.6	20/01/2024 22:45	43.9	55.2	39.4
20/01/2024 11:00	47.5	55.1	44.3	20/01/2024 23:00	45.8	62.1	40.5
20/01/2024 11:15	46.5	57.6	43.8	20/01/2024 23:15	43.6	58.5	39.7
20/01/2024 11:30	45.5	60.1	43.4	20/01/2024 23:30	43.0	53.1	38.7
20/01/2024 11:45	45.2	53.5	43.4	20/01/2024 23:45	43.5	55.1	39.0
20/01/2024 12:00	44.1	53.9	42.2	21/01/2024 00:00	43.7	58.3	38.8
20/01/2024 12:15	47.1	65.6	41.5	21/01/2024 00:15	43.8	56.6	39.9
20/01/2024 12:30	44.1	57.0	42.0	21/01/2024 00:30	41.0	49.6	37.3
20/01/2024 12:45	43.7	52.6	42.1	21/01/2024 00:45	43.0	52.6	39.0
20/01/2024 13:00	44.3	61.6	41.3	21/01/2024 01:00	43.7	54.1	38.4
20/01/2024 13:15	43.9	58.6	42.3	21/01/2024 01:15	42.5	52.7	37.7
20/01/2024 13:30	43.5	52.1	41.7	21/01/2024 01:30	41.3	51.1	37.4
20/01/2024 13:45	45.1	58.5	42.0	21/01/2024 01:45	42.1	57.4	35.9
20/01/2024 14:00	43.7	65.9	41.4	21/01/2024 02:00	43.2	60.1	37.3
20/01/2024 14:15	42.7	48.9	41.1	21/01/2024 02:15	44.0	54.3	38.6
20/01/2024 14:30	43.7	54.6	41.4	21/01/2024 02:30	42.9	54.5	38.1
20/01/2024 14:45	44.5	57.9	42.1	21/01/2024 02:45	43.0	53.6	38.1
20/01/2024 15:00	44.0	61.3	42.1	21/01/2024 03:00	42.9	51.8	38.0
20/01/2024 15:15	44.1	52.7	42.0	21/01/2024 03:15	40.9	50.2	37.2
20/01/2024 15:30	44.7	55.0	42.4	21/01/2024 03:30	41.0	50.7	37.2
20/01/2024 15:45	44.2	60.4	42.5	21/01/2024 03:45	40.4	49.3	37.4
20/01/2024 16:00	44.3	52.0	42.4	21/01/2024 04:00	42.4	53.6	37.6
20/01/2024 16:15	44.1	56.2	42.2	21/01/2024 04:15	42.1	57.2	38.6
20/01/2024 16:30	44.0	50.2	42.3	21/01/2024 04:30	40.9	50.5	37.4
20/01/2024 16:45	44.2	50.5	42.3	21/01/2024 04:45	39.2	47.5	36.4
20/01/2024 17:00	43.7	50.3	42.1	21/01/2024 05:00	40.8	46.6	38.5
20/01/2024 17:15	44.1	55.8	41.8	21/01/2024 05:15	39.8	49.5	36.4
20/01/2024 17:30	43.6	49.3	42.0	21/01/2024 05:30	40.1	50.0	37.0
20/01/2024 17:45	43.3	49.5	41.7	21/01/2024 05:45	38.2	47.6	35.2
20/01/2024 18:00	43.1	49.2	41.5	21/01/2024 06:00	39.7	53.9	37.3
20/01/2024 18:15	42.5	47.2	40.6	21/01/2024 06:15	40.5	55.0	37.8
20/01/2024 18:30	42.6	52.7	40.5	21/01/2024 06:30	40.0	47.4	38.3
20/01/2024 18:45	41.8	50.5	40.0	21/01/2024 06:45	39.8	46.6	38.0
20/01/2024 19:00	41.3	49.2	39.5	21/01/2024 07:00	41.8	50.3	40.2
20/01/2024 19:15	43.1	52.5	40.4	21/01/2024 07:15	41.9	54.8	40.1
20/01/2024 19:30	43.3	50.2	40.7	21/01/2024 07:30	42.3	53.2	40.3
20/01/2024 19:45	42.8	53.3	39.2	21/01/2024 07:45	42.6	52.7	40.9
20/01/2024 20:00	43.3	51.6	39.4	21/01/2024 08:00	43.9	53.9	41.5
20/01/2024 20:15	43.4	55.7	39.4	21/01/2024 08:15	43.7	69.1	41.1
20/01/2024 20:30	44.7	57.4	40.3	21/01/2024 08:30	43.1	48.5	40.9
20/01/2024 20:45	45.3	55.1	40.1	21/01/2024 08:45	44.5	64.6	42.1
20/01/2024 21:00	44.7	57.4	38.9	21/01/2024 09:00	44.9	65.1	42.7
20/01/2024 21:15	40.6	54.0	37.3	21/01/2024 09:15	44.8	59.2	42.4
20/01/2024 21:30	40.7	50.9	37.3	21/01/2024 09:30	43.8	51.5	42.0
20/01/2024 21:45	40.1	47.0	37.2	21/01/2024 09:45	44.2	54.6	41.8
20/01/2024 22:00	40.0	50.2	37.2	21/01/2024 10:00	44.3	66.9	42.0
20/01/2024 22:15	41.4	51.5	37.7	21/01/2024 10:15	44.6	56.8	42.2
20/01/2024 22:30	42.6	52.1	39.2	21/01/2024 10:30	46.0	59.1	42.4

Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB	Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB
21/01/2024 10:45	43.9	66.1	42.0	21/01/2024 22:45	54.0	65.2	48.0
21/01/2024 11:00	44.6	54.8	42.5	21/01/2024 23:00	55.5	66.7	49.2
21/01/2024 11:15	44.9	63.5	42.8	21/01/2024 23:15	51.0	60.8	47.3
21/01/2024 11:30	44.4	63.9	42.0	21/01/2024 23:30	51.3	60.6	45.8
21/01/2024 11:45	44.1	51.9	42.3	21/01/2024 23:45	59.6	76.9	52.0
21/01/2024 12:00	44.2	53.2	42.3	22/01/2024 00:00	59.3	71.5	50.5
21/01/2024 12:15	45.3	51.9	43.0	22/01/2024 00:15	51.1	63.8	44.3
21/01/2024 12:30	45.8	62.6	43.3	22/01/2024 00:30	53.0	66.6	45.2
21/01/2024 12:45	54.6	90.0	45.0	22/01/2024 00:45	52.8	64.9	45.5
21/01/2024 13:00	48.1	58.7	45.0	22/01/2024 01:00	52.6	64.1	44.5
21/01/2024 13:15	48.2	62.6	45.0	22/01/2024 01:15	57.9	71.8	46.0
21/01/2024 13:30	49.4	59.1	45.2	22/01/2024 01:30	53.7	66.7	45.8
21/01/2024 13:45	51.1	59.6	46.6	22/01/2024 01:45	54.0	67.2	47.3
21/01/2024 14:00	51.9	61.9	46.1	22/01/2024 02:00	57.2	72.7	46.5
21/01/2024 14:15	48.0	56.1	45.1	22/01/2024 02:15	53.0	67.6	46.3
21/01/2024 14:30	51.1	64.8	46.4	22/01/2024 02:30	52.3	66.4	45.5
21/01/2024 14:45	48.5	56.0	45.5	22/01/2024 02:45	52.9	64.3	44.6
21/01/2024 15:00	50.8	62.9	46.2	22/01/2024 03:00	57.5	72.4	48.7
21/01/2024 15:15	55.0	68.6	49.1	22/01/2024 03:15	53.6	69.2	44.9
21/01/2024 15:30	53.5	64.0	49.0	22/01/2024 03:30	48.7	59.9	41.9
21/01/2024 15:45	52.8	64.4	48.3	22/01/2024 03:45	49.9	60.7	43.4
21/01/2024 16:00	53.9	66.7	48.4	22/01/2024 04:00	49.2	62.1	42.2
21/01/2024 16:15	51.8	62.8	47.5	22/01/2024 04:15	53.0	66.3	47.0
21/01/2024 16:30	54.9	73.4	50.0	22/01/2024 04:30	54.9	68.1	49.3
21/01/2024 16:45	55.1	65.9	49.4	22/01/2024 04:45	56.2	70.5	47.1
21/01/2024 17:00	56.1	66.9	50.2	22/01/2024 05:00	51.5	62.3	45.7
21/01/2024 17:15	57.1	69.3	51.4	22/01/2024 05:15	51.8	66.1	45.8
21/01/2024 17:30	55.2	67.8	51.1	22/01/2024 05:30	50.7	63.0	46.1
21/01/2024 17:45	55.5	69.7	51.2	22/01/2024 05:45	52.0	62.9	46.1
21/01/2024 18:00	55.3	68.9	50.8	22/01/2024 06:00	51.9	63.6	46.7
21/01/2024 18:15	56.0	66.9	51.3	22/01/2024 06:15	51.7	65.7	47.1
21/01/2024 18:30	56.2	65.2	51.4	22/01/2024 06:30	48.9	59.8	45.8
21/01/2024 18:45	56.3	66.8	52.8	22/01/2024 06:45	52.0	66.2	47.3
21/01/2024 19:00	56.7	67.3	51.4	22/01/2024 07:00	49.2	58.9	45.9
21/01/2024 19:15	53.7	62.0	49.6	22/01/2024 07:15	47.9	55.4	46.2
21/01/2024 19:30	57.6	69.5	49.9	22/01/2024 07:30	49.1	59.4	46.4
21/01/2024 19:45	58.2	73.3	51.5	22/01/2024 07:45	49.0	58.3	46.6
21/01/2024 20:00	55.6	66.8	51.1	22/01/2024 08:00	48.6	57.9	46.1
21/01/2024 20:15	53.5	63.9	48.9	22/01/2024 08:15	49.1	68.3	46.7
21/01/2024 20:30	55.8	70.0	50.2	22/01/2024 08:30	49.4	59.7	46.4
21/01/2024 20:45	58.0	68.4	53.1	22/01/2024 08:45	49.5	57.6	46.9
21/01/2024 21:00	57.3	70.5	52.6	22/01/2024 09:00	51.1	66.6	46.8
21/01/2024 21:15	57.9	70.8	52.8	22/01/2024 09:15	52.0	64.5	46.7
21/01/2024 21:30	57.9	67.8	53.3	22/01/2024 09:30	51.5	64.5	47.2
21/01/2024 21:45	58.3	72.8	52.7	22/01/2024 09:45	50.0	59.2	46.2
21/01/2024 22:00	56.4	67.3	52.0	22/01/2024 10:00	54.5	64.5	48.4
21/01/2024 22:15	57.7	69.7	52.0	22/01/2024 10:15	56.3	68.2	50.3
21/01/2024 22:30	56.4	69.7	51.0	22/01/2024 10:30	52.3	64.4	47.6

Appendix E – Baseline Noise Survey Data Tween Bridge Solar Farm Baseline Noise Survey Report

Time	LAeq dB	max (FAS dB	LAF90 dB
22/01/2024 10:45	53.2	69.5	47.5
22/01/2024 11:00	58.0	72.9	51.6
22/01/2024 11:15	49.7	60.1	45.7
22/01/2024 11:30	49.2	67.8	46.0
22/01/2024 11:45	49.6	59.0	45.8
22/01/2024 12:00	50.6	63.3	45.7
22/01/2024 12:15	51.9	63.1	46.9
22/01/2024 12:30	48.6	70.6	44.9
22/01/2024 12:45	47.8	60.5	44.3
22/01/2024 13:00	47.9	57.9	44.3
22/01/2024 13:15	49.5	62.2	45.1
22/01/2024 13:30	48.4	57.6	45.1
22/01/2024 13:45	49.0	64.2	44.3
22/01/2024 14:00	50.7	66.8	45.5
22/01/2024 14:15	52.3	71.8	46.2
22/01/2024 14:30	50.2	63.5	45.8
22/01/2024 14:45	48.1	59.9	45.4
22/01/2024 15:00	47.6	67.9	45.2
22/01/2024 15:15	48.9	63.8	45.0
22/01/2024 15:30	47.2	54.2	45.1
22/01/2024 15:45	47.8	64.8	44.9
22/01/2024 16:00	47.0	53.9	44.9
22/01/2024 16:15	47.5	55.9	45.0
22/01/2024 16:30	50.4	60.4	46.8
22/01/2024 16:45	55.1	69.4	48.2
22/01/2024 17:00	53.7	68.0	46.1
22/01/2024 17:15	49.7	59.9	45.8
22/01/2024 17:30	51.1	58.7	46.5
22/01/2024 17:45	49.9	68.6	43.7
22/01/2024 18:00	52.5	69.7	44.4
22/01/2024 18:15	45.5	55.6	43.1
22/01/2024 18:30	48.0	66.6	42.7
22/01/2024 18:45	49.2	59.0	44.8
22/01/2024 19:00	49.2	61.8	43.9
22/01/2024 19:15	47.6	57.4	42.3
22/01/2024 19:30	53.4	66.4	47.5
22/01/2024 19:45	51.2	60.4	46.1
22/01/2024 20:00	48.3	57.4	43.8
22/01/2024 20:15	46.6	59.7	42.3
22/01/2024 20:30	47.2	59.9	41.6
22/01/2024 20:45	46.7	61.4	40.8
22/01/2024 21:00	45.1	59.9	40.2
22/01/2024 21:15	47.9	60.5	41.7
22/01/2024 21:30	49.0	62.4	42.1
22/01/2024 21:45	49.2	62.4	42.9
22/01/2024 22:00	47.0	57.9	42.0
22/01/2024 22:15	48.7	58.8	42.3
22/01/2024 22:30	53.8	67.7	44.2

Time	LAeq dB	max (FAS dB	LAF90 dB
22/01/2024 22:45	53.8	67.6	46.3
22/01/2024 23:00	52.3	67.6	44.8
22/01/2024 23:15	50.0	62.2	45.3
22/01/2024 23:30	49.7	62.4	44.8
22/01/2024 23:45	48.6	59.4	43.7
23/01/2024 00:00	50.0	62.0	44.7
23/01/2024 00:15	50.2	62.9	44.1
23/01/2024 00:30	50.0	61.7	44.0
23/01/2024 00:45	50.0	61.2	42.2
23/01/2024 01:00	46.0	59.5	39.8
23/01/2024 01:15	40.8	52.3	36.5
23/01/2024 01:30	41.5	50.1	37.7
23/01/2024 01:45	44.6	53.5	40.7
23/01/2024 02:00	47.1	58.0	42.2
23/01/2024 02:15	42.3	53.9	38.2
23/01/2024 02:30	38.8	50.1	35.2
23/01/2024 02:45	37.3	46.0	34.7
23/01/2024 03:00	37.4	46.0	34.4
23/01/2024 03:15	36.4	44.7	34.5
23/01/2024 03:30	36.5	49.1	33.5
23/01/2024 03:45	39.8	49.2	35.3
23/01/2024 04:00	42.2	50.4	39.3
23/01/2024 04:15	42.7	50.9	39.6
23/01/2024 04:30	41.7	57.6	39.2
23/01/2024 04:45	41.7	51.0	39.6
23/01/2024 05:00	43.0	54.3	40.5
23/01/2024 05:15	43.7	50.5	41.6
23/01/2024 05:30	44.8	51.5	43.3
23/01/2024 05:45	45.3	48.9	44.1
23/01/2024 06:00	46.5	52.6	44.7
23/01/2024 06:15	46.8	52.1	45.4
23/01/2024 06:30	46.6	53.0	45.3
23/01/2024 06:45	47.2	52.1	46.0
23/01/2024 07:00	47.2	53.2	45.5
23/01/2024 07:15	47.9	52.5	46.4
23/01/2024 07:30	47.9	52.4	46.9
23/01/2024 07:45	47.8	56.9	46.1
23/01/2024 08:00	48.4	57.2	47.2
23/01/2024 08:15	48.5	67.2	47.1
23/01/2024 08:30	48.7	75.7	46.0
23/01/2024 08:45	47.5	58.7	46.0
23/01/2024 09:00	47.8	60.1	45.8
23/01/2024 09:15	47.7	52.1	46.3
23/01/2024 09:30	47.7	67.0	46.4
23/01/2024 09:45	48.3	55.5	47.1
23/01/2024 10:00	48.3	59.3	47.1
23/01/2024 10:15	48.4	56.8	46.5
23/01/2024 10:30	48.4	57.2	46.8

Time	LAeq dB	max (FAS dB	LAF90 dB
23/01/2024 10:45	48.5	57.4	47.0
23/01/2024 11:00	49.0	55.6	47.2
23/01/2024 11:15	49.4	57.7	47.5
23/01/2024 11:30	50.0	58.3	47.8
23/01/2024 11:45	49.3	57.9	47.6
23/01/2024 12:00	48.9	55.8	47.2
23/01/2024 12:15	48.5	57.5	46.6
23/01/2024 12:30	48.5	62.1	47.0
23/01/2024 12:45	48.6	65.5	46.4
23/01/2024 13:00	48.2	55.3	46.7
23/01/2024 13:15	48.3	64.5	46.9
23/01/2024 13:30	48.2	53.7	46.8
23/01/2024 13:45	49.2	59.6	47.2
23/01/2024 14:00	49.2	63.6	47.3
23/01/2024 14:15	49.0	56.1	47.2
23/01/2024 14:30	48.8	57.8	47.0
23/01/2024 14:45	47.8	54.2	46.4
23/01/2024 15:00	47.9	63.4	46.2
23/01/2024 15:15	48.4	57.9	46.2
23/01/2024 15:30	48.0	58.1	46.3
23/01/2024 15:45	48.1	62.7	46.3
23/01/2024 16:00	47.7	56.1	46.2
23/01/2024 16:15	47.8	54.2	46.3
23/01/2024 16:30	47.3	57.4	46.1
23/01/2024 16:45	46.6	55.3	45.2
23/01/2024 17:00	46.6	53.2	45.2
23/01/2024 17:15	47.7	56.0	45.4
23/01/2024 17:30	47.7	55.1	46.0
23/01/2024 17:45	48.5	55.2	46.2
23/01/2024 18:00	48.6	59.5	45.4
23/01/2024 18:15	48.9	58.0	45.4
23/01/2024 18:30	47.5	57.6	44.8
23/01/2024 18:45	47.2	56.4	44.6
23/01/2024 19:00	48.1	57.6	45.2
23/01/2024 19:15	48.1	63.4	43.9
23/01/2024 19:30	55.4	69.6	44.7
23/01/2024 19:45	57.8	70.6	50.1
23/01/2024 20:00	53.6	64.5	47.2
23/01/2024 20:15	53.2	67.3	45.1
23/01/2024 20:30	49.9	63.1	42.7
23/01/2024 20:45	54.5	66.6	43.9
23/01/2024 21:00	53.3	69.3	44.4
23/01/2024 21:15	55.3	72.8	45.7
23/01/2024 21:30	56.0	68.4	48.7
23/01/2024 21:45	58.5	72.4	51.1
23/01/2024 22:00	56.8	69.0	47.9
23/01/2024 22:15	63.5	79.7	55.1
23/01/2024 22:30	59.9	71.2	50.4

Time	LAeq dB	max (FAS dB	LAF90 dB
23/01/2024 22:45	57.4	69.2	50.6
23/01/2024 23:00	57.6	74.1	48.6
23/01/2024 23:15	62.2	76.8	49.7
23/01/2024 23:30	53.4	64.0	46.5
23/01/2024 23:45	49.5	60.7	44.1
24/01/2024 00:00	47.7	59.9	41.4
24/01/2024 00:15	52.4	66.5	45.1
24/01/2024 00:30	53.3	66.5	44.7
24/01/2024 00:45	58.6	74.4	47.0
24/01/2024 01:00	56.8	70.1	50.3
24/01/2024 01:15	54.9	67.2	47.3
24/01/2024 01:30	55.2	66.6	48.9
24/01/2024 01:45	55.5	67.7	48.1
24/01/2024 02:00	55.2	68.4	47.3
24/01/2024 02:15	54.8	65.4	47.1
24/01/2024 02:30	58.8	75.2	51.4
24/01/2024 02:45	62.6	75.7	55.5
24/01/2024 03:00	62.5	75.6	55.5
24/01/2024 03:15	62.4	78.4	52.8
24/01/2024 03:30	59.3	72.5	52.1
24/01/2024 03:45	59.4	70.6	52.1
24/01/2024 04:00	58.0	70.1	51.7
24/01/2024 04:15	58.9	70.2	52.9
24/01/2024 04:30	57.2	70.4	49.3
24/01/2024 04:45	55.0	69.6	48.4
24/01/2024 05:00	58.3	70.5	51.8
24/01/2024 05:15	59.3	71.5	51.7
24/01/2024 05:30	61.6	75.2	53.6
24/01/2024 05:45	60.0	75.7	52.2
24/01/2024 06:00	61.7	74.3	53.7
24/01/2024 06:15	60.9	79.2	53.0
24/01/2024 06:30	61.4	73.9	55.0
24/01/2024 06:45	62.9	78.8	54.7
24/01/2024 07:00	59.7	73.9	52.3
24/01/2024 07:15	58.1	70.5	52.5
24/01/2024 07:30	57.0	71.1	51.1
24/01/2024 07:45	56.3	71.0	50.4
24/01/2024 08:00	54.0	68.6	48.2
24/01/2024 08:15	56.9	70.9	50.8
24/01/2024 08:30	52.6	67.5	46.9
24/01/2024 08:45	51.5	62.1	46.9
24/01/2024 09:00	49.6	65.5	45.1
24/01/2024 09:15	50.2	63.8	46.0
24/01/2024 09:30	56.0	68.5	48.8
24/01/2024 09:45	56.4	70.7	50.9
24/01/2024 10:00	53.7	67.1	47.5
24/01/2024 10:15	51.4	64.2	46.0
24/01/2024 10:30	50.6	65.5	44.8

Appendix E – Baseline Noise Survey Data
Tween Bridge Solar Farm
Baseline Noise Survey Report

MP7

Time	L _{Aeq} dB	L _{Amax,F} dB	L _{A90} dB	Time	L _{Aeq} dB	L _{Amax,F} dB	L _{A90} dB
25/01/2024 09:30	41.1	47.7	39.8	25/01/2024 21:30	42.7	55.4	38.2
25/01/2024 09:45	40.3	46.7	37.7	25/01/2024 21:45	43.0	55.3	38.3
25/01/2024 10:00	39.2	51.7	37.3	25/01/2024 22:00	44.7	60.1	39.9
25/01/2024 10:15	39.9	46.8	37.5	25/01/2024 22:15	44.5	55.8	39.8
25/01/2024 10:30	41.8	52.6	39.2	25/01/2024 22:30	44.2	59.3	39.2
25/01/2024 10:45	40.9	49.9	38.0	25/01/2024 22:45	46.1	56.8	40.3
25/01/2024 11:00	38.8	50.3	36.5	25/01/2024 23:00	45.7	56.5	40.2
25/01/2024 11:15	38.6	45.9	37.3	25/01/2024 23:15	46.3	55.1	42.1
25/01/2024 11:30	39.6	49.9	37.5	25/01/2024 23:30	47.2	60.0	42.0
25/01/2024 11:45	41.3	50.7	40.2	25/01/2024 23:45	46.7	58.6	42.3
25/01/2024 12:00	41.6	49.3	40.0	26/01/2024 00:00	47.5	57.8	42.2
25/01/2024 12:15	40.8	49.8	39.1	26/01/2024 00:15	46.7	57.6	41.9
25/01/2024 12:30	39.0	51.9	37.4	26/01/2024 00:30	46.0	55.3	41.7
25/01/2024 12:45	40.8	52.9	37.8	26/01/2024 00:45	45.7	63.9	40.9
25/01/2024 13:00	40.5	52.5	38.8	26/01/2024 01:00	43.9	59.5	39.2
25/01/2024 13:15	41.5	60.3	39.2	26/01/2024 01:15	42.6	53.4	38.1
25/01/2024 13:30	43.8	57.4	40.5	26/01/2024 01:30	40.3	52.5	35.6
25/01/2024 13:45	42.9	60.3	39.5	26/01/2024 01:45	38.4	51.1	33.9
25/01/2024 14:00	40.9	55.5	38.6	26/01/2024 02:00	35.6	45.6	32.0
25/01/2024 14:15	40.3	54.0	38.3	26/01/2024 02:15	36.1	48.0	32.1
25/01/2024 14:30	40.8	56.7	38.5	26/01/2024 02:30	37.1	49.6	32.1
25/01/2024 14:45	40.1	52.6	38.5	26/01/2024 02:45	40.1	50.2	34.5
25/01/2024 15:00	40.3	52.3	38.5	26/01/2024 03:00	45.7	59.2	40.1
25/01/2024 15:15	43.7	57.6	40.3	26/01/2024 03:15	49.4	64.2	43.4
25/01/2024 15:30	43.3	54.5	40.5	26/01/2024 03:30	48.3	61.1	42.2
25/01/2024 15:45	40.2	50.6	38.1	26/01/2024 03:45	52.8	65.6	42.0
25/01/2024 16:00	39.9	50.7	38.0	26/01/2024 04:00	47.1	65.9	39.2
25/01/2024 16:15	40.1	54.2	38.1	26/01/2024 04:15	48.1	58.8	41.6
25/01/2024 16:30	41.1	61.6	38.4	26/01/2024 04:30	51.0	66.2	41.2
25/01/2024 16:45	40.6	58.6	38.1	26/01/2024 04:45	43.4	55.3	37.3
25/01/2024 17:00	41.8	58.7	38.4	26/01/2024 05:00	44.9	58.3	38.7
25/01/2024 17:15	41.1	58.0	37.8	26/01/2024 05:15	48.9	70.4	40.4
25/01/2024 17:30	40.4	55.1	37.9	26/01/2024 05:30	47.1	69.6	40.9
25/01/2024 17:45	40.2	57.7	37.8	26/01/2024 05:45	49.5	64.9	41.3
25/01/2024 18:00	40.9	55.2	37.6	26/01/2024 06:00	48.1	65.2	41.2
25/01/2024 18:15	39.5	54.1	37.4	26/01/2024 06:15	46.1	66.3	39.7
25/01/2024 18:30	40.4	56.1	37.4	26/01/2024 06:30	43.1	68.1	39.3
25/01/2024 18:45	39.6	55.1	37.0	26/01/2024 06:45	43.9	56.4	38.9
25/01/2024 19:00	38.1	57.2	36.2	26/01/2024 07:00	48.2	67.7	40.5
25/01/2024 19:15	38.8	56.6	36.2	26/01/2024 07:15	49.6	74.4	42.6
25/01/2024 19:30	39.2	58.3	36.4	26/01/2024 07:30	46.4	69.7	40.6
25/01/2024 19:45	40.1	53.6	37.2	26/01/2024 07:45	50.1	73.0	40.8
25/01/2024 20:00	40.2	55.1	37.0	26/01/2024 08:00	46.2	69.9	39.5
25/01/2024 20:15	39.5	56.2	36.4	26/01/2024 08:15	42.3	54.9	38.9
25/01/2024 20:30	43.0	56.8	38.0	26/01/2024 08:30	44.3	62.7	38.6
25/01/2024 20:45	43.9	57.2	39.6	26/01/2024 08:45	41.2	56.0	37.7
25/01/2024 21:00	41.3	57.9	37.8	26/01/2024 09:00	42.1	55.9	38.1
25/01/2024 21:15	42.6	60.4	38.2	26/01/2024 09:15	44.1	59.7	39.4

Time	L _{Aeq} dB	L _{Amax,F} dB	L _{A90} dB	Time	L _{Aeq} dB	L _{Amax,F} dB	L _{A90} dB
26/01/2024 09:30	40.1	55.2	36.3	26/01/2024 21:30	35.5	45.7	34.2
26/01/2024 09:45	37.7	51.2	35.1	26/01/2024 21:45	36.3	55.2	34.3
26/01/2024 10:00	39.0	50.5	36.1	26/01/2024 22:00	35.5	59.3	33.5
26/01/2024 10:15	41.4	56.7	36.4	26/01/2024 22:15	35.4	39.6	33.3
26/01/2024 10:30	39.1	51.9	35.1	26/01/2024 22:30	35.1	54.7	33.3
26/01/2024 10:45	40.5	56.4	35.9	26/01/2024 22:45	33.3	46.6	31.9
26/01/2024 11:00	39.0	52.1	35.6	26/01/2024 23:00	33.9	44.5	32.5
26/01/2024 11:15	40.1	51.7	35.5	26/01/2024 23:15	34.5	39.8	32.6
26/01/2024 11:30	38.6	52.5	34.9	26/01/2024 23:30	35.4	47.8	33.1
26/01/2024 11:45	41.4	56.8	36.2	26/01/2024 23:45	33.5	51.4	31.7
26/01/2024 12:00	40.8	53.3	36.3	27/01/2024 00:00	33.4	37.4	31.9
26/01/2024 12:15	42.9	57.7	37.0	27/01/2024 00:15	32.4	53.6	30.6
26/01/2024 12:30	39.8	54.2	36.1	27/01/2024 00:30	32.5	37.2	30.3
26/01/2024 12:45	43.1	56.3	37.3	27/01/2024 00:45	33.0	47.1	31.4
26/01/2024 13:00	40.5	51.9	36.1	27/01/2024 01:00	32.9	38.0	31.1
26/01/2024 13:15	40.2	52.3	36.0	27/01/2024 01:15	31.4	36.4	29.2
26/01/2024 13:30	39.5	51.6	35.9	27/01/2024 01:30	32.4	45.6	31.1
26/01/2024 13:45	40.1	56.7	35.4	27/01/2024 01:45	32.1	37.9	30.6
26/01/2024 14:00	37.5	55.4	34.2	27/01/2024 02:00	32.5	36.1	30.9
26/01/2024 14:15	38.1	51.9	35.0	27/01/2024 02:15	33.1	37.7	31.6
26/01/2024 14:30	37.8	60.0	35.1	27/01/2024 02:30	33.1	38.7	31.3
26/01/2024 14:45	43.0	70.3	34.3	27/01/2024 02:45	33.2	40.3	31.0
26/01/2024 15:00	38.6	52.7	34.0	27/01/2024 03:00	34.9	46.1	31.9
26/01/2024 15:15	37.5	47.2	34.3	27/01/2024 03:15	35.5	42.2	33.5
26/01/2024 15:30	39.8	66.4	34.1	27/01/2024 03:30	33.5	40.1	30.6
26/01/2024 15:45	41.6	70.4	33.4	27/01/2024 03:45	34.5	39.0	32.4
26/01/2024 16:00	37.0	53.4	34.6	27/01/2024 04:00	35.3	41.6	32.8
26/01/2024 16:15	35.8	48.4	34.5	27/01/2024 04:15	35.0	42.0	33.1
26/01/2024 16:30	37.8	52.7	36.4	27/01/2024 04:30	34.5	49.1	32.4
26/01/2024 16:45	37.9	45.2	36.7	27/01/2024 04:45	34.9	43.0	32.6
26/01/2024 17:00	42.7	71.5	36.2	27/01/2024 05:00	35.4	40.8	33.3
26/01/2024 17:15	38.4	59.3	36.2	27/01/2024 05:15	34.9	39.6	33.2
26/01/2024 17:30	37.8	46.6	36.0	27/01/2024 05:30	34.9	39.3	33.1
26/01/2024 17:45	34.6	40.8	33.3	27/01/2024 05:45	34.2	38.8	32.4
26/01/2024 18:00	35.1	42.9	33.8	27/01/2024 06:00	36.2	41.6	34.4
26/01/2024 18:15	36.8	54.9	34.3	27/01/2024 06:15	37.2	42.3	35.3
26/01/2024 18:30	37.1	53.1	34.8	27/01/2024 06:30	36.4	43.0	34.9
26/01/2024 18:45	35.7	41.7	34.4	27/01/2024 06:45	37.3	42.7	35.4
26/01/2024 19:00	35.6	41.0	34.5	27/01/2024 07:00	38.2	49.4	36.3
26/01/2024 19:15	35.6	43.5	34.2	27/01/2024 07:15	39.6	49.2	38.0
26/01/2024 19:30	37.0	57.8	35.0	27/01/2024 07:30	40.2	46.1	38.5
26/01/2024 19:45	36.0	41.2	34.3	27/01/2024 07:45	39.0	51.1	37.4
26/01/2024 20:00	35.0	49.3	33.4	27/01/2024 08:00	39.1	42.8	37.5
26/01/2024 20:15	36.2	53.7	34.3	27/01/2024 08:15	39.1	51.3	37.4
26/01/2024 20:30	36.2	49.7	33.9	27/01/2024 08:30	39.9	51.7	38.1
26/01/2024 20:45	37.2	42.0	35.3	27/01/2024 08:45	39.9	46.7	36.7
26/01/2024 21:00	35.8	39.6	34.1	27/01/2024 09:00	37.6	45.4	36.2
26/01/2024 21:15	36.5	49.5	34.7	27/01/2024 09:15	37.7	51.9	36.3

Appendix E – Baseline Noise Survey Data Tween Bridge Solar Farm Baseline Noise Survey Report

Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB	Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB
27/01/2024 09:30	37.9	57.7	36.2	27/01/2024 21:30	36.5	43.0	33.7
27/01/2024 09:45	37.0	44.1	35.5	27/01/2024 21:45	35.6	43.4	33.2
27/01/2024 10:00	36.8	46.3	35.4	27/01/2024 22:00	34.4	45.7	32.8
27/01/2024 10:15	37.2	48.5	35.7	27/01/2024 22:15	34.2	49.5	32.1
27/01/2024 10:30	37.4	50.9	35.7	27/01/2024 22:30	33.7	47.0	31.0
27/01/2024 10:45	37.2	46.4	35.7	27/01/2024 22:45	36.4	49.3	30.5
27/01/2024 11:00	38.2	49.8	36.2	27/01/2024 23:00	33.2	54.5	30.0
27/01/2024 11:15	37.5	48.4	36.1	27/01/2024 23:15	33.1	43.5	31.1
27/01/2024 11:30	37.5	49.8	36.2	27/01/2024 23:30	34.8	53.1	32.4
27/01/2024 11:45	36.9	43.6	35.4	27/01/2024 23:45	34.2	46.7	32.1
27/01/2024 12:00	37.2	50.5	35.2	28/01/2024 00:00	36.2	44.7	33.3
27/01/2024 12:15	37.2	50.1	35.8	28/01/2024 00:15	33.7	41.2	30.8
27/01/2024 12:30	38.4	52.4	36.1	28/01/2024 00:30	31.3	39.2	29.2
27/01/2024 12:45	38.4	46.7	35.7	28/01/2024 00:45	31.5	39.9	29.9
27/01/2024 13:00	37.9	48.2	35.2	28/01/2024 01:00	33.4	59.1	29.6
27/01/2024 13:15	38.3	46.9	35.2	28/01/2024 01:15	32.6	40.9	29.2
27/01/2024 13:30	35.0	45.6	32.0	28/01/2024 01:30	31.6	39.5	29.1
27/01/2024 13:45	36.1	44.4	32.8	28/01/2024 01:45	31.7	39.1	29.3
27/01/2024 14:00	37.4	53.7	32.0	28/01/2024 02:00	31.6	40.9	29.3
27/01/2024 14:15	35.2	49.1	30.0	28/01/2024 02:15	33.2	39.1	30.7
27/01/2024 14:30	37.3	56.2	30.3	28/01/2024 02:30	33.2	43.1	30.3
27/01/2024 14:45	39.3	57.7	31.2	28/01/2024 02:45	34.1	41.3	31.1
27/01/2024 15:00	34.9	43.8	30.7	28/01/2024 03:00	33.8	43.6	30.3
27/01/2024 15:15	32.0	45.7	29.7	28/01/2024 03:15	32.8	40.6	30.2
27/01/2024 15:30	31.7	41.5	29.3	28/01/2024 03:30	35.2	41.8	31.5
27/01/2024 15:45	31.7	41.5	30.2	28/01/2024 03:45	34.9	43.4	31.5
27/01/2024 16:00	32.7	43.3	31.1	28/01/2024 04:00	35.5	42.1	33.1
27/01/2024 16:15	34.1	48.7	31.4	28/01/2024 04:15	33.5	40.6	31.5
27/01/2024 16:30	33.7	41.4	32.0	28/01/2024 04:30	34.1	41.3	32.3
27/01/2024 16:45	34.9	40.7	33.1	28/01/2024 04:45	34.5	56.3	32.2
27/01/2024 17:00	35.2	47.1	33.1	28/01/2024 05:00	33.9	40.9	32.1
27/01/2024 17:15	34.4	41.4	32.5	28/01/2024 05:15	34.1	44.4	32.3
27/01/2024 17:30	36.9	51.9	32.2	28/01/2024 05:30	34.5	41.3	32.4
27/01/2024 17:45	35.4	48.2	32.7	28/01/2024 05:45	35.7	43.2	33.7
27/01/2024 18:00	34.5	40.1	32.8	28/01/2024 06:00	35.5	43.0	33.3
27/01/2024 18:15	34.5	40.4	33.0	28/01/2024 06:15	35.0	39.6	33.5
27/01/2024 18:30	33.3	54.5	31.6	28/01/2024 06:30	35.0	41.7	33.5
27/01/2024 18:45	32.5	45.5	31.2	28/01/2024 06:45	36.1	41.4	34.0
27/01/2024 19:00	33.8	41.4	31.1	28/01/2024 07:00	35.8	52.5	34.2
27/01/2024 19:15	34.2	43.2	32.9	28/01/2024 07:15	34.6	40.5	33.1
27/01/2024 19:30	34.3	50.2	32.5	28/01/2024 07:30	34.7	40.7	33.3
27/01/2024 19:45	34.0	40.5	32.4	28/01/2024 07:45	35.0	44.0	33.5
27/01/2024 20:00	35.9	56.9	33.6	28/01/2024 08:00	36.5	42.0	35.1
27/01/2024 20:15	34.7	42.0	32.3	28/01/2024 08:15	37.8	56.1	36.2
27/01/2024 20:30	34.7	39.9	32.8	28/01/2024 08:30	38.5	46.8	36.7
27/01/2024 20:45	34.3	51.5	32.2	28/01/2024 08:45	39.0	46.9	37.3
27/01/2024 21:00	33.9	41.2	31.4	28/01/2024 09:00	38.9	52.2	37.1
27/01/2024 21:15	33.9	43.4	31.5	28/01/2024 09:15	37.3	47.0	36.1

Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB	Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB
28/01/2024 09:30	37.8	50.6	36.5	28/01/2024 21:30	34.7	50.5	32.2
28/01/2024 09:45	38.6	53.5	37.1	28/01/2024 21:45	35.7	42.4	33.0
28/01/2024 10:00	38.5	50.9	37.3	28/01/2024 22:00	33.7	49.1	31.6
28/01/2024 10:15	38.6	51.0	37.5	28/01/2024 22:15	32.7	38.7	31.2
28/01/2024 10:30	38.8	50.3	37.5	28/01/2024 22:30	33.1	42.0	31.2
28/01/2024 10:45	39.0	51.3	38.0	28/01/2024 22:45	32.6	46.6	29.9
28/01/2024 11:00	39.4	50.4	38.2	28/01/2024 23:00	30.3	45.1	27.5
28/01/2024 11:15	39.4	46.5	38.2	28/01/2024 23:15	31.9	39.6	29.7
28/01/2024 11:30	40.6	55.1	39.1	28/01/2024 23:30	31.4	53.4	28.7
28/01/2024 11:45	40.5	48.6	39.0	28/01/2024 23:45	32.0	40.0	29.3
28/01/2024 12:00	39.2	47.2	38.1	29/01/2024 00:00	33.5	39.0	31.0
28/01/2024 12:15	39.4	49.0	38.1	29/01/2024 00:15	33.1	42.6	31.1
28/01/2024 12:30	40.1	52.7	38.2	29/01/2024 00:30	33.3	39.9	30.4
28/01/2024 12:45	39.9	47.1	38.1	29/01/2024 00:45	32.5	40.9	29.5
28/01/2024 13:00	39.8	49.7	37.8	29/01/2024 01:00	31.1	36.4	29.0
28/01/2024 13:15	40.2	52.0	38.3	29/01/2024 01:15	31.5	38.1	28.9
28/01/2024 13:30	40.8	52.5	38.3	29/01/2024 01:30	30.3	35.5	28.4
28/01/2024 13:45	41.9	56.0	39.0	29/01/2024 01:45	30.7	37.2	28.2
28/01/2024 14:00	41.0	48.5	38.4	29/01/2024 02:00	30.5	41.8	27.8
28/01/2024 14:15	40.9	53.9	37.3	29/01/2024 02:15	30.1	37.7	27.5
28/01/2024 14:30	38.0	46.8	36.2	29/01/2024 02:30	31.2	37.6	28.0
28/01/2024 14:45	41.9	59.1	36.9	29/01/2024 02:45	32.9	39.5	30.9
28/01/2024 15:00	37.3	46.4	35.4	29/01/2024 03:00	32.2	38.4	30.0
28/01/2024 15:15	37.9	44.7	35.8	29/01/2024 03:15	33.4	38.6	31.3
28/01/2024 15:30	37.9	51.0	35.8	29/01/2024 03:30	34.2	39.8	31.1
28/01/2024 15:45	41.9	68.6	35.9	29/01/2024 03:45	34.8	41.3	31.2
28/01/2024 16:00	38.4	56.5	35.2	29/01/2024 04:00	34.5	43.1	32.3
28/01/2024 16:15	37.2	43.2	35.4	29/01/2024 04:15	37.8	43.4	35.0
28/01/2024 16:30	40.4	65.0	35.7	29/01/2024 04:30	37.2	43.5	32.7
28/01/2024 16:45	38.3	46.0	36.2	29/01/2024 04:45	33.8	38.1	32.1
28/01/2024 17:00	39.2	47.8	36.8	29/01/2024 05:00	38.6	44.6	35.4
28/01/2024 17:15	37.8	45.0	36.0	29/01/2024 05:15	37.0	42.9	35.0
28/01/2024 17:30	35.8	47.5	34.3	29/01/2024 05:30	38.5	44.1	35.4
28/01/2024 17:45	35.0	42.9	33.8	29/01/2024 05:45	38.0	42.3	35.4
28/01/2024 18:00	34.2	46.6	33.2	29/01/2024 06:00	36.8	44.9	34.9
28/01/2024 18:15	34.0	40.9	33.0	29/01/2024 06:15	36.3	42.3	34.2
28/01/2024 18:30	35.1	49.2	33.0	29/01/2024 06:30	38.5	45.0	36.0
28/01/2024 18:45	34.8	45.5	32.6	29/01/2024 06:45	40.5	43.9	39.1
28/01/2024 19:00	34.2	44.4	32.7	29/01/2024 07:00	41.5	45.5	39.7
28/01/2024 19:15	33.5	37.1	32.4	29/01/2024 07:15	41.8	46.9	40.1
28/01/2024 19:30	34.0	49.3	32.4	29/01/2024 07:30	39.4	51.9	37.5
28/01/2024 19:45	35.4	41.6	33.3	29/01/2024 07:45	41.5	57.8	38.5
28/01/2024 20:00	34.6	44.9	32.3	29/01/2024 08:00	40.7	49.5	37.9
28/01/2024 20:15	31.8	38.8	30.4	29/01/2024 08:15	38.7	49.8	36.8
28/01/2024 20:30	31.4	45.8	30.2	29/01/2024 08:30	37.9	43.0	36.4
28/01/2024 20:45	31.5	39.5	30.3	29/01/2024 08:45	40.0	64.2	38.1
28/01/2024 21:00	32.0	46.6	30.4	29/01/2024 09:00	38.4	49.4	36.8
28/01/2024 21:15	32.4	43.5	30.6	29/01/2024 09:15	37.3	45.3	36.0

Appendix E – Baseline Noise Survey Data Tween Bridge Solar Farm Baseline Noise Survey Report

Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB	Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB
29/01/2024 09:30	37.2	42.4	35.7	29/01/2024 21:30	34.7	50.5	32.2
29/01/2024 09:45	38.6	53.5	37.1	29/01/2024 21:45	35.7	42.4	33.0
29/01/2024 10:00	38.5	50.9	37.3	29/01/2024 22:00	33.7	49.1	31.6
29/01/2024 10:15	38.6	51.0	37.5	29/01/2024 22:15	32.7	38.7	31.2
29/01/2024 10:30	38.8	50.3	37.5	29/01/2024 22:30	33.1	42.0	31.2
29/01/2024 10:45	39.0	51.3	38.0	29/01/2024 22:45	32.6	46.6	29.9
29/01/2024 11:00	39.4	50.4	38.2	29/01/2024 23:00	30.3	45.1	27.5
29/01/2024 11:15	39.4	46.5	38.2	29/01/2024 23:15	31.9	39.6	29.7
29/01/2024 11:30	40.6	55.1	39.1	29/01/2024 23:30	31.4	53.4	28.7
29/01/2024 11:45	40.5	48.6	39.0	29/01/2024 23:45	32.0	40.0	29.3
29/01/2024 12:00	39.2	47.2	38.1	30/01/2024 00:00	33.5	39.0	31.0
29/01/2024 12:15	39.4	49.0	38.1	30/01/2024 00:15	33.1	42.6	31.1
29/01/2024 12:30	40.1	52.7	38.2	30/01/2024 00:30	33.3	39.9	30.4
29/01/2024 12:45	39.9	47.1	38.1	30/01/2024 00:45	32.5	40.9	29.5
29/01/2024 13:00	39.8	49.7	37.8	30/01/2024 01:00	31.1	36.4	29.0
29/01/2024 13:15	40.2	52.0	38.3	30/01/2024 01:15	31.5	38.1	28.9
29/01/2024 13:30	40.8	52.5	38.3	30/01/2024 01:30	30.3	35.5	28.4
29/01/2024 13:45	41.9	56.0	39.0	30/01/2024 01:45	30.7	37.2	28.2
29/01/2024 14:00	41.0	48.5	38.4	30/01/2024 02:00	30.5	41.8	27.8
29/01/2024 14:15	40.9	53.9	37.3	30/01/2024 02:15	30.1	37.7	27.5
29/01/2024 14:30	38.0	46.8	36.2	30/01/2024 02:30	31.2	37.6	28.0
29/01/2024 14:45	41.9	59.1	36.9	30/01/2024 02:45	32.9	39.5	30.9
29/01/2024 15:00	37.3	46.4	35.4	30/01/2024 03:00	32.2	38.4	30.0
29/01/2024 15:15	37.9	44.7	35.8	30/01/2024 03:15	33.4	38.6	31.3
29/01/2024 15:30	37.9	51.0	35.8	30/01/2024 03:30	34.2	39.8	31.1
29/01/2024 15:45	41.9	68.6	35.9	30/01/2024 03:45	34.8	41.3	31.2
29/01/2024 16:00	38.4	56.5	35.2	30/01/2024 04:00	34.5	43.1	32.3
29/01/2024 16:15	37.2	43.2	35.4	30/01/2024 04:15	37.8	43.4	35.0
29/01/2024 16:30	40.4	65.0	35.7	30/01/2024 04:30	37.2	43.5	32.7
29/01/2024 16:45	38.3	46.0	36.2	30/01/2024 04:45	33.8	38.1	32.1
29/01/2024 17:00	39.2	47.8	36.8	30/01/2024 05:00	38.6	44.6	35.4
29/01/2024 17:15	37.8	45.0	36.0	30/01/2024 05:15	37.0	42.9	35.0
29/01/2024 17:30	35.8	47.5	34.3	30/01/2024 05:30	38.5	44.1	35.4
29/01/2024 17:45	35.0	42.9	33.8	30/01/2024 05:45	38.0	42.3	35.4
29/01/2024 18:00	34.2	46.6	33.2	30/01/2024 06:00	36.8	44.9	34.9
29/01/2024 18:15	34.0	40.9	33.0	30/01/2024 06:15	36.3	42.3	34.2
29/01/2024 18:30	35.1	49.2	33.0	30/01/2024 06:30	38.5	45.0	36.0
29/01/2024 18:45	34.8	45.5	32.6	30/01/2024 06:45	40.5	43.9	39.1
29/01/2024 19:00	34.2	44.4	32.7	30/01/2024 07:00	41.5	45.5	39.7
29/01/2024 19:15	33.5	37.1	32.4	30/01/2024 07:15	41.8	46.9	40.1
29/01/2024 19:30	34.0	49.3	32.4	30/01/2024 07:30	39.4	51.9	37.5
29/01/2024 19:45	35.4	41.6	33.3	30/01/2024 07:45	41.5	57.8	38.5
29/01/2024 20:00	34.6	44.9	32.3	30/01/2024 08:00	40.7	49.5	37.9
29/01/2024 20:15	31.8	38.8	30.4	30/01/2024 08:15	38.7	49.8	36.8
29/01/2024 20:30	31.4	45.8	30.2	30/01/2024 08:30	37.9	43.0	36.4
29/01/2024 20:45	31.5	39.5	30.3	30/01/2024 08:45	40.0	64.2	38.1
29/01/2024 21:00	32.0	46.6	30.4	30/01/2024 09:00	38.4	49.4	36.8
29/01/2024 21:15	32.4	43.5	30.6	30/01/2024 09:15	37.3	45.3	36.0

Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB	Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB
30/01/2024 09:30	37.2	42.4	35.7	30/01/2024 21:30	36.5	62.7	29.5
30/01/2024 09:45	38.4	66.0	34.2	30/01/2024 21:45	31.5	45.4	29.3
30/01/2024 10:00	36.3	46.7	34.8	30/01/2024 22:00	31.1	38.2	29.3
30/01/2024 10:15	36.0	48.4	34.2	30/01/2024 22:15	29.9	35.1	29.0
30/01/2024 10:30	35.3	44.4	34.1	30/01/2024 22:30	29.7	37.0	29.0
30/01/2024 10:45	35.4	48.5	34.0	30/01/2024 22:45	35.4	65.4	29.3
30/01/2024 11:00	35.6	45.2	34.0	30/01/2024 23:00	30.3	47.8	28.6
30/01/2024 11:15	36.2	41.2	34.6	30/01/2024 23:15	30.7	37.0	28.5
30/01/2024 11:30	36.3	49.6	34.2	30/01/2024 23:30	33.2	41.0	30.6
30/01/2024 11:45	35.9	49.1	34.1	30/01/2024 23:45	31.8	39.2	29.9
30/01/2024 12:00	36.1	48.6	34.1	31/01/2024 00:00	32.1	41.8	30.0
30/01/2024 12:15	35.4	43.8	32.9	31/01/2024 00:15	30.9	38.8	29.0
30/01/2024 12:30	35.2	49.4	33.8	31/01/2024 00:30	31.5	57.7	27.4
30/01/2024 12:45	34.7	40.5	33.5	31/01/2024 00:45	29.9	36.5	28.2
30/01/2024 13:00	35.3	43.7	33.8	31/01/2024 01:00	27.9	31.8	27.0
30/01/2024 13:15	36.3	55.6	34.6	31/01/2024 01:15	28.1	34.3	26.6
30/01/2024 13:30	34.9	40.4	34.0	31/01/2024 01:30	32.6	46.2	27.2
30/01/2024 13:45	35.4	42.7	34.1	31/01/2024 01:45	28.7	40.7	27.2
30/01/2024 14:00	36.0	49.4	34.4	31/01/2024 02:00	27.4	38.3	23.9
30/01/2024 14:15	35.7	43.4	34.3	31/01/2024 02:15	26.1	31.9	24.3
30/01/2024 14:30	34.9	41.7	34.0	31/01/2024 02:30	24.9	32.5	23.2
30/01/2024 14:45	35.7	51.3	33.2	31/01/2024 02:45	24.4	38.3	23.1
30/01/2024 15:00	35.2	49.4	33.7	31/01/2024 03:00	26.6	38.5	23.4
30/01/2024 15:15	35.9	46.4	34.2	31/01/2024 03:15	25.5	39.5	23.8
30/01/2024 15:30	34.4	38.7	33.3	31/01/2024 03:30	29.2	42.4	26.1
30/01/2024 15:45	34.7	46.8	33.7	31/01/2024 03:45	30.3	42.6	27.6
30/01/2024 16:00	34.6	39.3	33.6	31/01/2024 04:00	28.6	36.1	27.3
30/01/2024 16:15	35.1	40.2	34.1	31/01/2024 04:15	29.9	39.6	27.0
30/01/2024 16:30	34.2	44.3	32.3	31/01/2024 04:30	32.6	46.9	29.5
30/01/2024 16:45	34.6	41.3	33.2	31/01/2024 04:45	31.9	40.0	30.1
30/01/2024 17:00	35.7	41.7	34.3	31/01/2024 05:00	33.0	45.0	30.2
30/01/2024 17:15	35.1	38.9	34.1	31/01/2024 05:15	32.1	43.6	30.2
30/01/2024 17:30	35.8	49.2	34.6	31/01/2024 05:30	33.5	46.2	31.3
30/01/2024 17:45	35.3	39.5	33.6	31/01/2024 05:45	33.9	44.4	31.3
30/01/2024 18:00	35.9	41.4	33.8	31/01/2024 06:00	34.9	45.4	32.3
30/01/2024 18:15	35.7	42.9	33.3	31/01/2024 06:15	35.4	46.5	33.3
30/01/2024 18:30	34.0	53.0	32.4	31/01/2024 06:30	41.2	68.2	33.7
30/01/2024 18:45	33.8	40.4	33.0	31/01/2024 06:45	35.8	46.9	34.2
30/01/2024 19:00	33.5	40.5	32.4	31/01/2024 07:00	40.6	70.2	35.0
30/01/2024 19:15	32.7	38.2	31.5	31/01/2024 07:15	36.6	50.6	34.9
30/01/2024 19:30	35.7	44.5	32.8	31/01/2024 07:30	35.9	44.5	34.4
30/01/2024 19:45	38.5	65.5	31.3	31/01/2024 07:45	35.9	43.3	34.4
30/01/2024 20:00	31.9	36.7	30.4	31/01/2024 08:00	35.8	45.1	34.1
30/01/2024 20:15	32.2	45.8	30.4	31/01/2024 08:15	36.2	47.7	34.3
30/01/2024 20:30	33.4	60.2	30.1	31/01/2024 08:30	35.7	46.5	34.1
30/01/2024 20:45	31.1	43.4	30.0	31/01/2024 08:45	35.7	46.8	33.3
30/01/2024 21:00	33.1	39.9	30.4	31/01/2024 09:00	35.5	45.7	33.8
30/01/2024 21:15	33.2	42.9	29.6	31/01/2024 09:15	41.7	66.3	33.1

Appendix E – Baseline Noise Survey Data Tween Bridge Solar Farm Baseline Noise Survey Report

Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB	Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB
31/01/2024 09:30	35.2	44.0	33.0	31/01/2024 21:30	31.9	48.9	30.1
31/01/2024 09:45	35.6	48.3	33.1	31/01/2024 21:45	32.1	42.9	29.3
31/01/2024 10:00	39.2	57.5	33.9	31/01/2024 22:00	33.4	42.5	31.5
31/01/2024 10:15	38.2	55.5	34.1	31/01/2024 22:15	30.7	38.1	29.0
31/01/2024 10:30	36.6	45.1	35.0	31/01/2024 22:30	31.7	44.4	29.2
31/01/2024 10:45	40.1	57.0	34.4	31/01/2024 22:45	30.7	37.6	28.5
31/01/2024 11:00	38.4	52.7	33.9	31/01/2024 23:00	30.7	43.8	28.7
31/01/2024 11:15	36.2	49.6	33.1	31/01/2024 23:15	31.6	55.5	28.2
31/01/2024 11:30	37.2	53.5	32.9	31/01/2024 23:30	30.6	53.4	27.0
31/01/2024 11:45	35.4	46.7	33.1	31/01/2024 23:45	31.1	45.0	27.5
31/01/2024 12:00	34.9	49.6	31.8	01/02/2024 00:00	31.4	37.4	28.6
31/01/2024 12:15	33.7	44.7	31.4	01/02/2024 00:15	32.1	39.9	29.2
31/01/2024 12:30	38.9	53.6	32.1	01/02/2024 00:30	29.5	34.5	28.2
31/01/2024 12:45	39.6	59.1	32.0	01/02/2024 00:45	28.9	39.0	27.5
31/01/2024 13:00	46.7	66.7	32.2	01/02/2024 01:00	28.7	33.0	27.3
31/01/2024 13:15	38.4	54.5	32.6	01/02/2024 01:15	28.8	34.2	27.0
31/01/2024 13:30	34.7	48.0	31.2	01/02/2024 01:30	30.4	36.8	27.5
31/01/2024 13:45	34.2	46.6	31.8	01/02/2024 01:45	30.7	39.3	28.0
31/01/2024 14:00	34.3	41.8	32.5	01/02/2024 02:00	30.7	40.2	28.4
31/01/2024 14:15	35.3	46.5	32.8	01/02/2024 02:15	30.2	36.9	28.3
31/01/2024 14:30	38.5	55.8	32.6	01/02/2024 02:30	31.7	38.3	29.5
31/01/2024 14:45	33.6	41.5	31.5	01/02/2024 02:45	30.5	38.5	27.4
31/01/2024 15:00	34.4	42.1	32.5	01/02/2024 03:00	30.6	36.3	28.6
31/01/2024 15:15	35.2	47.9	32.1	01/02/2024 03:15	32.0	36.9	29.5
31/01/2024 15:30	34.1	48.6	32.4	01/02/2024 03:30	32.8	37.9	31.0
31/01/2024 15:45	37.8	51.5	34.3	01/02/2024 03:45	32.9	39.1	30.1
31/01/2024 16:00	37.8	56.9	34.0	01/02/2024 04:00	32.2	36.2	30.7
31/01/2024 16:15	36.9	41.3	36.0	01/02/2024 04:15	35.1	39.9	33.3
31/01/2024 16:30	35.4	47.9	33.2	01/02/2024 04:30	34.8	41.5	33.2
31/01/2024 16:45	35.3	41.6	33.5	01/02/2024 04:45	35.3	40.2	34.1
31/01/2024 17:00	37.0	42.8	35.0	01/02/2024 05:00	36.5	40.2	35.1
31/01/2024 17:15	35.3	55.5	33.8	01/02/2024 05:15	38.2	41.6	36.6
31/01/2024 17:30	36.0	42.9	34.1	01/02/2024 05:30	40.8	49.2	38.9
31/01/2024 17:45	35.7	44.9	33.6	01/02/2024 05:45	41.3	44.5	40.2
31/01/2024 18:00	34.8	45.0	33.2	01/02/2024 06:00	42.7	47.7	41.4
31/01/2024 18:15	35.4	45.5	33.7	01/02/2024 06:15	42.6	45.9	41.1
31/01/2024 18:30	35.0	48.0	33.4	01/02/2024 06:30	43.2	46.8	42.1
31/01/2024 18:45	36.1	63.9	33.1	01/02/2024 06:45	45.4	61.9	43.9
31/01/2024 19:00	35.6	49.2	34.1	01/02/2024 07:00	43.1	53.0	41.5
31/01/2024 19:15	35.9	42.7	34.0	01/02/2024 07:15	42.6	49.0	41.2
31/01/2024 19:30	36.2	48.8	33.5	01/02/2024 07:30	44.0	46.5	42.7
31/01/2024 19:45	34.0	57.8	32.1	01/02/2024 07:45	43.6	46.0	42.6
31/01/2024 20:00	33.7	44.8	31.5	01/02/2024 08:00	42.9	49.3	42.0
31/01/2024 20:15	34.8	41.9	33.0	01/02/2024 08:15	43.0	47.1	42.1
31/01/2024 20:30	34.3	55.5	31.0	01/02/2024 08:30	43.6	48.1	42.2
31/01/2024 20:45	33.2	39.5	31.3	01/02/2024 08:45	42.1	53.4	41.1
31/01/2024 21:00	31.8	39.5	30.4	01/02/2024 09:00	41.5	51.8	40.5
31/01/2024 21:15	34.8	47.8	30.5	01/02/2024 09:15	41.5	45.4	40.3

Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB	Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB
01/02/2024 09:30	40.9	46.5	39.7	01/02/2024 21:30	30.3	35.6	28.3
01/02/2024 09:45	41.3	54.8	39.8	01/02/2024 21:45	30.0	38.4	28.3
01/02/2024 10:00	41.7	46.6	40.2	01/02/2024 22:00	30.4	36.0	28.2
01/02/2024 10:15	41.3	47.1	40.1	01/02/2024 22:15	28.8	34.9	27.2
01/02/2024 10:30	41.8	48.6	40.8	01/02/2024 22:30	29.3	36.3	27.5
01/02/2024 10:45	41.8	46.7	40.8	01/02/2024 22:45	31.2	36.9	29.4
01/02/2024 11:00	42.1	46.7	41.0	01/02/2024 23:00	30.2	42.5	28.0
01/02/2024 11:15	42.1	47.4	40.4	01/02/2024 23:15	29.2	34.9	27.7
01/02/2024 11:30	42.0	52.0	40.2	01/02/2024 23:30	29.7	39.9	27.8
01/02/2024 11:45	41.1	60.9	39.4	01/02/2024 23:45	30.2	36.4	28.6
01/02/2024 12:00	40.6	63.9	39.1	02/02/2024 00:00	31.1	36.1	29.3
01/02/2024 12:15	41.2	64.0	39.3	02/02/2024 00:15	31.1	52.5	29.1
01/02/2024 12:30	42.3	64.0	39.8	02/02/2024 00:30	30.7	38.4	29.0
01/02/2024 12:45	43.9	62.3	41.1	02/02/2024 00:45	30.1	38.6	28.3
01/02/2024 13:00	44.5	55.3	41.7	02/02/2024 01:00	29.0	37.0	27.6
01/02/2024 13:15	42.6	62.4	41.1	02/02/2024 01:15	29.3	35.7	27.5
01/02/2024 13:30	43.5	55.7	40.9	02/02/2024 01:30	28.9	35.1	27.0
01/02/2024 13:45	45.4	62.1	41.9	02/02/2024 01:45	29.3	38.6	27.4
01/02/2024 14:00	44.4	54.8	41.4	02/02/2024 02:00	28.9	33.3	27.6
01/02/2024 14:15	44.9	59.7	41.1	02/02/2024 02:15	29.4	35.2	28.1
01/02/2024 14:30	42.9	63.5	40.1	02/02/2024 02:30	28.7	33.3	27.4
01/02/2024 14:45	43.8	68.1	40.4	02/02/2024 02:45	30.7	37.1	29.1
01/02/2024 15:00	43.6	62.6	40.0	02/02/2024 03:00	30.7	51.7	29.1
01/02/2024 15:15	45.3	68.0	41.2	02/02/2024 03:15	29.4	36.9	28.1
01/02/2024 15:30	49.0	59.1	43.9	02/02/2024 03:30	30.2	35.2	28.8
01/02/2024 15:45	49.6	65.7	45.7	02/02/2024 03:45	30.7	54.8	29.2
01/02/2024 16:00	48.9	59.7	43.8	02/02/2024 04:00	31.8	38.6	29.9
01/02/2024 16:15	44.7	52.5	41.2	02/02/2024 04:15	33.8	38.7	32.1
01/02/2024 16:30	42.6	51.1	40.2	02/02/2024 04:30	33.0	40.2	31.0
01/02/2024 16:45	41.7	47.8	40.2	02/02/2024 04:45	33.5	37.8	32.3
01/02/2024 17:00	40.8	45.7	40.0	02/02/2024 05:00	34.0	57.4	32.3
01/02/2024 17:15	40.9	47.6	39.3	02/02/2024 05:15	35.8	40.0	34.3
01/02/2024 17:30	42.2	53.9	39.1	02/02/2024 05:30	35.9	41.5	34.3
01/02/2024 17:45	41.1	50.2	38.3	02/02/2024 05:45	36.6	41.8	34.8
01/02/2024 18:00	41.3	51.4	38.7	02/02/2024 06:00	38.4	42.4	37.0
01/02/2024 18:15	40.7	52.5	38.3	02/02/2024 06:15	38.9	49.4	37.3
01/02/2024 18:30	39.9	50.0	38.1	02/02/2024 06:30	40.2	49.7	39.0
01/02/2024 18:45	38.3	49.6	36.5	02/02/2024 06:45	39.4	42.4	38.4
01/02/2024 19:00	37.9	45.1	36.6	02/02/2024 07:00	40.4	44.4	39.1
01/02/2024 19:15	36.1	51.1	34.1	02/02/2024 07:15	40.5	48.0	39.3
01/02/2024 19:30	36.4	46.5	33.8	02/02/2024 07:30	40.1	52.5	38.5
01/02/2024 19:45	35.5	50.4	32.9	02/02/2024 07:45	39.5	48.9	38.3
01/02/2024 20:00	37.0	49.7	33.0	02/02/2024 08:00	40.2	45.2	38.8
01/02/2024 20:15	35.0	47.1	30.9	02/02/2024 08:15	40.6	49.4	39.1
01/02/2024 20:30	33.4	53.4	29.7	02/02/2024 08:30	40.0	49.3	38.5
01/02/2024 20:45	32.5	43.9	30.1	02/02/2024 08:45	40.2	43.1	39.2
01/02/2024 21:00	32.2	42.3	29.3	02/02/2024 09:00	40.6	46.5	39.4
01/02/2024 21:15	32.0	46.9	29.2	02/02/2024 09:15	43.4	64.4	40.1

Appendix E – Baseline Noise Survey Data Tween Bridge Solar Farm Baseline Noise Survey Report

MP8

Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB	Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB
25/01/2024 11:45	50.0	65.0	42.2	25/01/2024 23:45	43.1	55.6	38.3
25/01/2024 12:00	45.7	64.6	41.9	26/01/2024 00:00	46.1	58.9	39.9
25/01/2024 12:15	45.0	63.1	41.1	26/01/2024 00:15	45.6	57.6	39.7
25/01/2024 12:30	41.9	48.5	41.0	26/01/2024 00:30	43.6	56.1	38.3
25/01/2024 12:45	46.2	64.2	41.3	26/01/2024 00:45	45.3	60.9	38.1
25/01/2024 13:00	45.1	63.7	41.4	26/01/2024 01:00	44.8	61.6	37.2
25/01/2024 13:15	43.7	57.8	41.3	26/01/2024 01:15	41.8	57.8	35.3
25/01/2024 13:30	53.9	71.3	42.1	26/01/2024 01:30	42.5	55.3	35.8
25/01/2024 13:45	44.1	57.1	41.3	26/01/2024 01:45	39.7	55.4	32.6
25/01/2024 14:00	48.0	67.8	41.4	26/01/2024 02:00	40.4	56.6	33.6
25/01/2024 14:15	44.7	62.6	41.4	26/01/2024 02:15	42.7	59.2	35.0
25/01/2024 14:30	42.9	55.6	41.4	26/01/2024 02:30	37.8	50.3	32.2
25/01/2024 14:45	44.8	63.1	41.2	26/01/2024 02:45	35.7	47.6	31.4
25/01/2024 15:00	46.1	64.1	41.1	26/01/2024 03:00	46.0	61.1	35.7
25/01/2024 15:15	54.5	73.6	40.9	26/01/2024 03:15	49.0	63.7	38.4
25/01/2024 15:30	48.8	68.4	41.2	26/01/2024 03:30	47.9	65.2	39.4
25/01/2024 15:45	41.9	54.4	40.3	26/01/2024 03:45	60.1	76.9	41.3
25/01/2024 16:00	50.6	68.4	40.3	26/01/2024 04:00	51.1	64.0	44.1
25/01/2024 16:15	44.0	63.1	40.3	26/01/2024 04:15	51.7	64.0	44.3
25/01/2024 16:30	42.4	55.8	40.0	26/01/2024 04:30	50.8	63.7	44.9
25/01/2024 16:45	40.9	47.6	39.7	26/01/2024 04:45	52.0	66.0	45.1
25/01/2024 17:00	45.7	64.2	40.0	26/01/2024 05:00	50.7	66.3	43.8
25/01/2024 17:15	43.7	62.4	40.2	26/01/2024 05:15	51.4	64.8	42.5
25/01/2024 17:30	47.6	64.3	40.5	26/01/2024 05:30	56.9	70.1	45.8
25/01/2024 17:45	54.4	73.2	39.6	26/01/2024 05:45	52.0	64.0	45.2
25/01/2024 18:00	47.5	68.9	39.2	26/01/2024 06:00	52.9	65.8	45.3
25/01/2024 18:15	43.1	63.5	39.1	26/01/2024 06:15	54.8	67.1	46.5
25/01/2024 18:30	55.6	71.7	38.1	26/01/2024 06:30	54.0	69.1	45.2
25/01/2024 18:45	39.5	51.2	37.5	26/01/2024 06:45	51.2	65.0	43.4
25/01/2024 19:00	44.5	62.3	38.0	26/01/2024 07:00	50.5	67.2	43.2
25/01/2024 19:15	44.3	61.3	38.3	26/01/2024 07:15	54.1	66.4	44.8
25/01/2024 19:30	45.5	62.6	37.6	26/01/2024 07:30	50.7	64.3	43.3
25/01/2024 19:45	56.9	71.7	38.0	26/01/2024 07:45	50.0	67.1	42.5
25/01/2024 20:00	48.3	66.4	36.9	26/01/2024 08:00	54.9	74.5	42.2
25/01/2024 20:15	42.9	68.7	37.7	26/01/2024 08:15	47.8	61.2	40.0
25/01/2024 20:30	41.1	50.4	38.1	26/01/2024 08:30	49.3	63.4	42.3
25/01/2024 20:45	41.0	51.5	38.1	26/01/2024 08:45	46.7	59.6	41.4
25/01/2024 21:00	54.0	69.7	37.5	26/01/2024 09:00	49.3	61.9	41.2
25/01/2024 21:15	44.8	62.0	38.2	26/01/2024 09:15	48.4	62.9	39.8
25/01/2024 21:30	53.0	69.9	38.3	26/01/2024 09:30	48.9	69.8	39.5
25/01/2024 21:45	45.3	55.8	40.1	26/01/2024 09:45	42.7	58.8	36.5
25/01/2024 22:00	53.1	86.1	39.0	26/01/2024 10:00	43.4	58.4	36.8
25/01/2024 22:15	46.4	64.3	38.3	26/01/2024 10:15	43.6	56.2	37.5
25/01/2024 22:30	43.4	59.3	37.9	26/01/2024 10:30	43.2	52.9	38.4
25/01/2024 22:45	41.7	54.7	36.9	26/01/2024 10:45	46.9	61.7	38.7
25/01/2024 23:00	45.3	63.7	38.0	26/01/2024 11:00	45.1	60.8	39.2
25/01/2024 23:15	47.5	66.3	38.5	26/01/2024 11:15	46.8	62.7	40.7
25/01/2024 23:30	45.7	61.0	38.7	26/01/2024 11:30	46.3	60.2	39.3

Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB	Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB
26/01/2024 11:45	54.0	79.9	40.2	26/01/2024 23:45	34.1	40.9	33.0
26/01/2024 12:00	47.4	65.9	40.0	27/01/2024 00:00	33.2	37.5	31.3
26/01/2024 12:15	49.5	60.9	42.9	27/01/2024 00:15	31.8	36.5	30.4
26/01/2024 12:30	46.6	58.1	40.5	27/01/2024 00:30	33.0	37.9	31.4
26/01/2024 12:45	44.6	60.9	37.3	27/01/2024 00:45	33.4	48.8	31.5
26/01/2024 13:00	43.3	54.9	37.1	27/01/2024 01:00	50.2	74.6	32.2
26/01/2024 13:15	42.5	54.3	37.4	27/01/2024 01:15	33.6	38.5	32.3
26/01/2024 13:30	47.6	65.6	38.5	27/01/2024 01:30	33.7	38.3	32.6
26/01/2024 13:45	50.8	71.0	36.4	27/01/2024 01:45	52.1	71.3	33.2
26/01/2024 14:00	43.8	62.9	36.9	27/01/2024 02:00	34.5	46.3	33.2
26/01/2024 14:15	42.0	60.0	37.0	27/01/2024 02:15	34.0	38.8	33.0
26/01/2024 14:30	38.7	47.4	36.1	27/01/2024 02:30	33.5	38.8	32.2
26/01/2024 14:45	42.3	64.6	36.0	27/01/2024 02:45	33.7	42.9	32.3
26/01/2024 15:00	41.1	58.6	36.4	27/01/2024 03:00	32.7	37.9	31.4
26/01/2024 15:15	42.3	59.7	36.8	27/01/2024 03:15	48.2	68.2	33.0
26/01/2024 15:30	50.4	67.5	35.2	27/01/2024 03:30	51.3	69.5	32.4
26/01/2024 15:45	40.0	57.2	35.0	27/01/2024 03:45	33.3	37.5	32.2
26/01/2024 16:00	44.9	61.3	36.2	27/01/2024 04:00	33.5	37.5	32.2
26/01/2024 16:15	39.6	57.4	36.1	27/01/2024 04:15	33.5	37.0	32.4
26/01/2024 16:30	36.9	46.2	35.4	27/01/2024 04:30	33.5	38.9	32.3
26/01/2024 16:45	41.6	63.0	35.3	27/01/2024 04:45	34.3	40.9	33.2
26/01/2024 17:00	42.7	61.1	35.7	27/01/2024 05:00	34.7	45.5	33.2
26/01/2024 17:15	39.1	55.0	34.5	27/01/2024 05:15	53.5	72.4	34.0
26/01/2024 17:30	47.1	66.1	34.5	27/01/2024 05:30	46.9	65.3	34.3
26/01/2024 17:45	60.0	77.8	34.4	27/01/2024 05:45	36.3	46.5	34.6
26/01/2024 18:00	47.1	66.4	35.9	27/01/2024 06:00	52.9	71.4	35.3
26/01/2024 18:15	52.9	68.8	35.2	27/01/2024 06:15	35.8	40.5	34.7
26/01/2024 18:30	36.7	43.4	35.3	27/01/2024 06:30	36.3	44.4	35.0
26/01/2024 18:45	36.1	42.4	34.7	27/01/2024 06:45	44.4	65.9	35.8
26/01/2024 19:00	44.1	64.5	34.6	27/01/2024 07:00	48.6	67.3	36.3
26/01/2024 19:15	44.8	62.4	34.3	27/01/2024 07:15	50.0	66.6	37.1
26/01/2024 19:30	57.0	72.9	35.1	27/01/2024 07:30	46.9	68.1	37.2
26/01/2024 19:45	43.4	64.5	34.1	27/01/2024 07:45	44.6	64.6	36.5
26/01/2024 20:00	44.8	65.3	34.1	27/01/2024 08:00	42.5	59.4	37.1
26/01/2024 20:15	39.6	63.3	33.2	27/01/2024 08:15	42.7	58.8	38.2
26/01/2024 20:30	34.1	43.3	32.3	27/01/2024 08:30	39.0	49.4	37.5
26/01/2024 20:45	34.3	40.5	33.0	27/01/2024 08:45	44.1	70.7	39.1
26/01/2024 21:00	44.0	59.9	33.5	27/01/2024 09:00	44.7	66.8	38.6
26/01/2024 21:15	52.0	70.5	33.4	27/01/2024 09:15	45.0	73.4	39.2
26/01/2024 21:30	47.9	68.0	33.5	27/01/2024 09:30	52.9	68.0	39.3
26/01/2024 21:45	34.7	45.3	33.3	27/01/2024 09:45	44.9	63.0	39.1
26/01/2024 22:00	45.6	64.9	32.7	27/01/2024 10:00	43.3	61.0	39.1
26/01/2024 22:15	52.0	67.5	33.3	27/01/2024 10:15	44.3	60.6	40.0
26/01/2024 22:30	34.3	44.2	33.2	27/01/2024 10:30	43.2	58.3	40.0
26/01/2024 22:45	34.0	51.3	32.7	27/01/2024 10:45	44.9	62.6	40.0
26/01/2024 23:00	48.7	65.4	33.0	27/01/2024 11:00	42.4	51.5	40.5
26/01/2024 23:15	52.8	69.4	32.8	27/01/2024 11:15	47.6	69.0	40.1
26/01/2024 23:30	34.2	40.9	33.1	27/01/2024 11:30	45.7	65.9	40.0

Appendix E – Baseline Noise Survey Data Tween Bridge Solar Farm Baseline Noise Survey Report

Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB	Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB
27/01/2024 11:45	40.1	46.4	38.8	27/01/2024 23:45	34.6	42.0	33.0
27/01/2024 12:00	47.5	66.3	39.9	28/01/2024 00:00	36.1	53.3	34.0
27/01/2024 12:15	45.2	64.1	40.0	28/01/2024 00:15	35.5	43.7	34.0
27/01/2024 12:30	41.4	54.8	39.1	28/01/2024 00:30	34.8	39.7	33.2
27/01/2024 12:45	43.8	65.8	39.1	28/01/2024 00:45	34.5	40.2	32.9
27/01/2024 13:00	46.7	63.4	38.1	28/01/2024 01:00	33.8	42.0	32.2
27/01/2024 13:15	48.8	66.1	38.0	28/01/2024 01:15	34.8	42.1	33.1
27/01/2024 13:30	41.7	67.8	36.3	28/01/2024 01:30	34.4	41.6	32.8
27/01/2024 13:45	45.1	68.4	35.5	28/01/2024 01:45	33.7	42.3	31.5
27/01/2024 14:00	45.5	73.0	35.3	28/01/2024 02:00	35.7	47.9	33.0
27/01/2024 14:15	45.5	73.9	36.4	28/01/2024 02:15	35.3	40.9	33.4
27/01/2024 14:30	37.5	48.5	34.7	28/01/2024 02:30	34.6	40.6	32.8
27/01/2024 14:45	49.0	66.5	35.3	28/01/2024 02:45	34.1	40.9	32.4
27/01/2024 15:00	46.6	63.3	36.0	28/01/2024 03:00	33.5	40.1	31.8
27/01/2024 15:15	44.9	62.3	35.1	28/01/2024 03:15	34.0	40.2	32.5
27/01/2024 15:30	45.0	64.1	35.3	28/01/2024 03:30	34.0	39.5	32.4
27/01/2024 15:45	44.0	63.1	36.2	28/01/2024 03:45	35.6	43.5	33.7
27/01/2024 16:00	45.3	68.2	37.2	28/01/2024 04:00	35.4	40.8	33.9
27/01/2024 16:15	58.0	75.2	37.4	28/01/2024 04:15	36.2	41.3	34.6
27/01/2024 16:30	38.9	49.2	36.8	28/01/2024 04:30	37.0	42.5	35.6
27/01/2024 16:45	42.3	62.1	36.9	28/01/2024 04:45	36.0	41.5	34.6
27/01/2024 17:00	43.3	62.5	37.0	28/01/2024 05:00	35.8	42.3	34.2
27/01/2024 17:15	42.1	61.2	36.0	28/01/2024 05:15	36.8	45.2	35.4
27/01/2024 17:30	38.4	50.3	36.6	28/01/2024 05:30	37.3	42.0	36.0
27/01/2024 17:45	44.1	64.9	37.4	28/01/2024 05:45	37.5	45.3	36.1
27/01/2024 18:00	45.0	65.6	37.4	28/01/2024 06:00	38.3	43.7	37.0
27/01/2024 18:15	43.4	63.0	38.1	28/01/2024 06:15	37.6	41.4	36.6
27/01/2024 18:30	38.2	44.8	37.1	28/01/2024 06:30	38.1	42.4	37.1
27/01/2024 18:45	44.8	64.3	36.5	28/01/2024 06:45	37.8	41.0	36.6
27/01/2024 19:00	52.6	71.5	36.5	28/01/2024 07:00	39.1	44.9	38.1
27/01/2024 19:15	40.7	62.0	36.8	28/01/2024 07:15	39.3	45.4	38.2
27/01/2024 19:30	37.4	41.7	36.2	28/01/2024 07:30	39.9	58.2	38.6
27/01/2024 19:45	37.3	47.2	36.1	28/01/2024 07:45	41.1	59.9	39.5
27/01/2024 20:00	47.4	66.7	36.0	28/01/2024 08:00	40.9	49.0	39.3
27/01/2024 20:15	43.0	63.7	36.3	28/01/2024 08:15	41.7	61.4	40.1
27/01/2024 20:30	39.7	48.0	37.4	28/01/2024 08:30	42.1	61.3	40.2
27/01/2024 20:45	42.9	63.0	36.2	28/01/2024 08:45	42.6	59.0	41.1
27/01/2024 21:00	43.2	62.9	36.1	28/01/2024 09:00	44.8	61.9	41.1
27/01/2024 21:15	40.3	59.6	34.6	28/01/2024 09:15	42.9	65.6	41.3
27/01/2024 21:30	36.6	49.6	35.1	28/01/2024 09:30	42.9	55.8	42.0
27/01/2024 21:45	38.3	50.4	36.3	28/01/2024 09:45	43.7	56.8	42.3
27/01/2024 22:00	47.0	68.2	37.0	28/01/2024 10:00	44.8	60.7	42.4
27/01/2024 22:15	47.6	67.2	36.2	28/01/2024 10:15	45.6	58.6	43.0
27/01/2024 22:30	37.0	44.0	35.4	28/01/2024 10:30	47.0	69.0	42.5
27/01/2024 22:45	42.0	61.6	35.2	28/01/2024 10:45	43.7	52.0	42.6
27/01/2024 23:00	41.7	61.0	34.2	28/01/2024 11:00	45.5	63.4	43.0
27/01/2024 23:15	35.4	47.6	33.7	28/01/2024 11:15	45.8	61.0	43.2
27/01/2024 23:30	35.2	41.1	33.3	28/01/2024 11:30	47.5	59.9	43.4

Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB	Time	L _{Aeq} dB	L _{Amax,F} dB	L _{AF90} dB
28/01/2024 11:45	46.2	60.8	43.8	28/01/2024 23:45	33.3	44.2	31.5
28/01/2024 12:00	44.9	59.1	43.1	29/01/2024 00:00	49.9	67.3	32.2
28/01/2024 12:15	45.2	66.9	42.9	29/01/2024 00:15	42.6	62.3	32.1
28/01/2024 12:30	44.1	60.6	42.4	29/01/2024 00:30	32.9	36.1	31.6
28/01/2024 12:45	46.8	65.0	43.0	29/01/2024 00:45	33.9	38.0	32.3
28/01/2024 13:00	44.4	62.0	42.4	29/01/2024 01:00	34.3	44.0	32.6
28/01/2024 13:15	44.5	60.0	42.1	29/01/2024 01:15	51.5	67.2	33.0
28/01/2024 13:30	52.0	68.2	42.0	29/01/2024 01:30	33.7	36.8	32.4
28/01/2024 13:45	54.1	70.9	41.4	29/01/2024 01:45	33.6	40.6	32.3
28/01/2024 14:00	41.3	54.7	40.0	29/01/2024 02:00	34.6	49.6	32.1
28/01/2024 14:15	42.8	63.4	40.1	29/01/2024 02:15	34.1	40.6	32.8
28/01/2024 14:30	42.2	51.7	40.1	29/01/2024 02:30	49.2	66.3	33.2
28/01/2024 14:45	52.5	70.1	39.5	29/01/2024 02:45	34.3	38.1	33.1
28/01/2024 15:00	41.4	54.5	39.6	29/01/2024 03:00	34.1	37.7	33.0
28/01/2024 15:15	43.4	59.5	39.8	29/01/2024 03:15	54.3	68.5	33.6
28/01/2024 15:30	41.3	48.2	39.6	29/01/2024 03:30	35.2	50.0	33.3
28/01/2024 15:45	44.0	62.7	40.0	29/01/2024 03:45	35.7	43.9	34.2
28/01/2024 16:00	40.9	48.6	39.3	29/01/2024 04:00	35.2	37.9	34.1
28/01/2024 16:15	43.0	67.6	39.0	29/01/2024 04:15	36.7	42.1	35.5
28/01/2024 16:30	39.9	45.8	38.6	29/01/2024 04:30	37.9	53.7	36.0
28/01/2024 16:45	44.4	63.0	38.7	29/01/2024 04:45	46.5	65.1	37.3
28/01/2024 17:00	41.1	56.1	39.1	29/01/2024 05:00	52.9	70.0	38.4
28/01/2024 17:15	59.0	76.2	39.2	29/01/2024 05:15	39.1	46.7	38.1
28/01/2024 17:30	47.0	67.8	38.1	29/01/2024 05:30	51.1	69.3	38.7
28/01/2024 17:45	42.7	60.9	37.6	29/01/2024 05:45	51.5	71.6	40.1
28/01/2024 18:00	38.1	44.6	37.1	29/01/2024 06:00	44.4	70.0	42.0
28/01/2024 18:15	41.7	68.5	37.3	29/01/2024 06:15	42.2	52.3	40.8
28/01/2024 18:30	38.3	44.6	37.1	29/01/2024 06:30	48.1	64.1	40.1
28/01/2024 18:45	42.8	62.2	36.8	29/01/2024 06:45	40.9	44.5	39.8
28/01/2024 19:00	52.9	69.1	37.4	29/01/2024 07:00	45.1	64.6	41.6
28/01/2024 19:15	38.4	47.0	37.1	29/01/2024 07:15	53.3	70.0	42.2
28/01/2024 19:30	54.1	76.2	36.7	29/01/2024 07:30	49.6	66.7	42.8
28/01/2024 19:45	41.6	60.8	36.3	29/01/2024 07:45	46.1	59.7	44.2
28/01/2024 20:00	39.2	52.6	37.1	29/01/2024 08:00	52.2	72.3	45.0
28/01/2024 20:15	41.3	66.5	35.7	29/01/2024 08:15	44.9	57.6	43.3
28/01/2024 20:30	36.0	43.3	34.4	29/01/2024 08:30	48.1	63.7	43.1
28/01/2024 20:45	42.8	66.1	34.9	29/01/2024 08:45	45.7	57.9	43.1
28/01/2024 21:00	36.0	49.7	34.0	29/01/2024 09:00	46.9	60.7	42.4
28/01/2024 21:15	52.0	70.0	34.0	29/01/2024 09:15	44.1	59.7	42.2
28/01/2024 21:30	50.1	70.8	33.7	29/01/2024 09:30	48.1	73.0	43.2
28/01/2024 21:45	42.2	64.9	34.2	29/01/2024 09:45	42.9	50.9	42.0
28/01/2024 22:00	41.0	67.6	33.9	29/01/2024 10:00	47.2	76.0	41.9
28/01/2024 22:15	34.9	45.4	33.2	29/01/2024 10:15	44.6	59.9	42.4
28/01/2024 22:30	34.2	38.7	33.0	29/01/2024 10:30	44.2	59.2	42.1
28/01/2024 22:45	45.1	65.6	32.8	29/01/2024 10:45	43.5	50.7	42.2
28/01/2024 23:00	32.8	40.6	31.4	29/01/2024 11:00	43.5	56.3	41.4
28/01/2024 23:15	53.2	68.8	32.2	29/01/2024 11:15	51.3	70.1	42.1
28/01/2024 23:30	33.0	43.9	31.5	29/01/2024 11:30	43.1	54.3	41.2

Appendix E – Baseline Noise Survey Data Tween Bridge Solar Farm Baseline Noise Survey Report

Time	LAeq dB	max (FAS dB	LAF90 dB	Time	LAeq dB	max (FAS dB	LAF90 dB
29/01/2024 11:45	44.8	58.3	42.3	29/01/2024 23:45	52.6	69.8	35.4
29/01/2024 12:00	45.2	60.6	42.3	30/01/2024 00:00	36.9	42.2	35.5
29/01/2024 12:15	44.0	50.9	43.0	30/01/2024 00:15	36.2	40.9	34.5
29/01/2024 12:30	44.8	60.9	42.1	30/01/2024 00:30	35.6	42.2	34.1
29/01/2024 12:45	45.4	61.8	42.2	30/01/2024 00:45	50.5	69.2	33.7
29/01/2024 13:00	49.0	68.5	43.1	30/01/2024 01:00	34.0	38.2	32.5
29/01/2024 13:15	43.6	52.8	42.4	30/01/2024 01:15	44.7	62.0	33.1
29/01/2024 13:30	44.9	49.9	43.6	30/01/2024 01:30	52.7	71.2	33.0
29/01/2024 13:45	50.7	67.0	43.3	30/01/2024 01:45	33.8	38.2	32.4
29/01/2024 14:00	46.3	67.2	43.0	30/01/2024 02:00	34.0	39.7	32.6
29/01/2024 14:15	42.8	45.2	42.1	30/01/2024 02:15	34.9	39.8	32.8
29/01/2024 14:30	42.7	52.9	41.7	30/01/2024 02:30	34.6	39.7	32.0
29/01/2024 14:45	43.9	60.5	41.0	30/01/2024 02:45	34.9	42.2	32.3
29/01/2024 15:00	43.4	62.5	40.8	30/01/2024 03:00	39.2	53.8	33.5
29/01/2024 15:15	51.2	67.5	40.7	30/01/2024 03:15	38.4	53.0	33.5
29/01/2024 15:30	44.6	65.7	40.7	30/01/2024 03:30	34.6	48.9	30.2
29/01/2024 15:45	53.2	71.7	41.1	30/01/2024 03:45	37.0	48.5	34.4
29/01/2024 16:00	48.7	66.4	40.2	30/01/2024 04:00	33.3	38.7	31.8
29/01/2024 16:15	43.2	61.8	40.3	30/01/2024 04:15	32.7	48.1	30.5
29/01/2024 16:30	47.1	64.3	40.4	30/01/2024 04:30	45.1	62.4	33.7
29/01/2024 16:45	44.2	61.9	40.4	30/01/2024 04:45	34.1	45.6	31.5
29/01/2024 17:00	44.0	63.8	40.5	30/01/2024 05:00	47.5	64.0	32.7
29/01/2024 17:15	47.9	66.0	39.4	30/01/2024 05:15	35.2	44.1	33.6
29/01/2024 17:30	49.8	66.9	39.2	30/01/2024 05:30	36.7	47.7	34.3
29/01/2024 17:45	39.8	44.7	39.0	30/01/2024 05:45	37.2	48.2	35.0
29/01/2024 18:00	46.0	63.3	38.6	30/01/2024 06:00	39.0	52.6	34.8
29/01/2024 18:15	55.5	72.5	38.5	30/01/2024 06:15	37.3	47.0	34.9
29/01/2024 18:30	41.4	58.2	38.0	30/01/2024 06:30	36.6	47.8	34.1
29/01/2024 18:45	42.5	58.4	39.2	30/01/2024 06:45	37.4	51.6	33.8
29/01/2024 19:00	42.2	58.3	38.8	30/01/2024 07:00	41.5	56.0	34.6
29/01/2024 19:15	42.2	59.4	38.1	30/01/2024 07:15	40.8	54.2	35.2
29/01/2024 19:30	51.5	69.3	37.1	30/01/2024 07:30	41.4	58.8	34.7
29/01/2024 19:45	51.9	69.8	35.7	30/01/2024 07:45	39.2	53.4	35.4
29/01/2024 20:00	44.3	63.2	35.4	30/01/2024 08:00	42.0	58.2	35.2
29/01/2024 20:15	40.1	61.2	34.9	30/01/2024 08:15	38.6	52.3	34.7
29/01/2024 20:30	37.3	50.7	35.3	30/01/2024 08:30	40.2	64.4	34.8
29/01/2024 20:45	36.7	49.0	35.3	30/01/2024 08:45	38.6	66.3	33.6
29/01/2024 21:00	53.5	68.0	35.6	30/01/2024 09:00	43.1	60.1	35.5
29/01/2024 21:15	40.7	63.5	34.4	30/01/2024 09:15	42.3	62.6	34.0
29/01/2024 21:30	52.6	75.8	34.1	30/01/2024 09:30	36.7	47.6	33.7
29/01/2024 21:45	51.9	70.2	34.2	30/01/2024 09:45	43.1	61.1	34.9
29/01/2024 22:00	43.8	62.3	34.4	30/01/2024 10:00	41.5	70.7	34.1
29/01/2024 22:15	41.7	60.4	35.0	30/01/2024 10:15	41.9	59.3	34.0
29/01/2024 22:30	35.9	41.3	34.3	30/01/2024 10:30	39.7	64.8	33.4
29/01/2024 22:45	42.4	65.7	34.4	30/01/2024 10:45	45.7	69.0	33.6
29/01/2024 23:00	40.8	60.8	34.6	30/01/2024 11:00	41.7	60.5	33.4
29/01/2024 23:15	37.4	44.2	35.7	30/01/2024 11:15	39.5	54.6	33.6
29/01/2024 23:30	36.6	42.9	35.0	30/01/2024 11:30	43.7	58.8	34.0

Time	LAeq dB	max (FAS dB	LAF90 dB	Time	LAeq dB	max (FAS dB	LAF90 dB
30/01/2024 11:45	42.9	59.5	32.3	30/01/2024 23:45	49.9	68.8	29.0
30/01/2024 12:00	37.5	53.5	31.0	31/01/2024 00:00	30.0	36.4	28.7
30/01/2024 12:15	37.4	49.5	31.4	31/01/2024 00:15	29.6	42.9	28.5
30/01/2024 12:30	48.9	72.5	32.7	31/01/2024 00:30	30.1	35.7	29.1
30/01/2024 12:45	48.2	65.5	35.1	31/01/2024 00:45	30.1	34.7	29.0
30/01/2024 13:00	45.6	65.9	32.1	31/01/2024 01:00	51.0	69.7	29.7
30/01/2024 13:15	44.0	59.1	31.4	31/01/2024 01:15	54.5	71.3	29.5
30/01/2024 13:30	45.1	62.4	30.0	31/01/2024 01:30	35.1	51.1	29.5
30/01/2024 13:45	35.0	46.1	29.9	31/01/2024 01:45	32.8	49.2	30.0
30/01/2024 14:00	44.3	72.0	29.7	31/01/2024 02:00	31.5	35.7	30.2
30/01/2024 14:15	34.9	48.9	30.5	31/01/2024 02:15	32.1	36.0	31.1
30/01/2024 14:30	40.9	60.0	30.1	31/01/2024 02:30	32.6	37.1	31.4
30/01/2024 14:45	35.1	49.0	32.2	31/01/2024 02:45	34.0	51.7	31.3
30/01/2024 15:00	39.9	58.0	31.5	31/01/2024 03:00	50.3	67.8	32.2
30/01/2024 15:15	47.0	65.0	30.4	31/01/2024 03:15	47.6	64.3	32.7
30/01/2024 15:30	44.5	64.6	30.0	31/01/2024 03:30	34.0	46.1	32.5
30/01/2024 15:45	38.0	60.5	30.4	31/01/2024 03:45	34.7	41.9	33.3
30/01/2024 16:00	48.7	70.5	32.2	31/01/2024 04:00	35.1	42.7	33.3
30/01/2024 16:15	37.5	52.4	31.1	31/01/2024 04:15	35.6	45.4	34.0
30/01/2024 16:30	35.0	50.0	32.0	31/01/2024 04:30	51.4	67.3	35.0
30/01/2024 16:45	40.4	63.6	30.2	31/01/2024 04:45	36.7	46.3	35.2
30/01/2024 17:00	39.3	59.1	30.9	31/01/2024 05:00	47.9	68.3	35.2
30/01/2024 17:15	46.4	64.3	30.2	31/01/2024 05:15	49.1	65.9	39.1
30/01/2024 17:30	49.1	66.1	30.1	31/01/2024 05:30	39.9	43.3	39.1
30/01/2024 17:45	32.5	44.8	30.1	31/01/2024 05:45	40.1	47.5	39.0
30/01/2024 18:00	52.6	70.5	29.7	31/01/2024 06:00	40.1	46.2	39.1
30/01/2024 18:15	48.4	69.2	30.0	31/01/2024 06:15	40.6	45.2	39.5
30/01/2024 18:30	32.9	48.8	30.5	31/01/2024 06:30	40.6	45.6	39.5
30/01/2024 18:45	40.0	61.4	30.2	31/01/2024 06:45	42.0	47.5	41.0
30/01/2024 19:00	39.6	58.0	28.7	31/01/2024 07:00	48.0	64.9	42.0
30/01/2024 19:15	37.5	52.4	26.6	31/01/2024 07:15	51.2	68.0	41.7
30/01/2024 19:30	55.3	72.4	28.2	31/01/2024 07:30	47.8	66.5	41.5
30/01/2024 19:45	42.3	61.9	26.7	31/01/2024 07:45	43.3	51.9	42.1
30/01/2024 20:00	45.3	66.1	28.0	31/01/2024 08:00	50.4	71.2	42.5
30/01/2024 20:15	40.1	63.4	27.8	31/01/2024 08:15	44.3	59.0	43.0
30/01/2024 20:30	32.0	47.1	29.1	31/01/2024 08:30	43.4	57.1	42.2
30/01/2024 20:45	41.4	65.1	28.5	31/01/2024 08:45	43.8	57.5	42.0
30/01/2024 21:00	55.4	71.1	28.4	31/01/2024 09:00	51.7	70.4	41.5
30/01/2024 21:15	50.7	68.1	29.8	31/01/2024 09:15	48.4	69.2	41.9
30/01/2024 21:30	51.2	72.3	29.3	31/01/2024 09:30	47.0	63.0	42.1
30/01/2024 21:45	30.0	47.5	27.2	31/01/2024 09:45	43.0	54.9	41.4
30/01/2024 22:00	40.2	61.1	27.5	31/01/2024 10:00	42.6	49.1	41.4
30/01/2024 22:15	46.9	67.3	28.0	31/01/2024 10:15	42.6	66.0	41.1
30/01/2024 22:30	29.3	35.8	27.3	31/01/2024 10:30	42.3	47.9	41.0
30/01/2024 22:45	32.5	53.4	28.5	31/01/2024 10:45	41.8	50.3	40.4
30/01/2024 23:00	44.2	62.1	28.5	31/01/2024 11:00	53.5	78.7	41.2
30/01/2024 23:15	52.0	69.6	27.7	31/01/2024 11:15	48.8	68.4	42.1
30/01/2024 23:30	29.1	40.1	28.0	31/01/2024 11:30	44.0	54.0	42.3