Proposal for a Green Hydrogen Project at Pembroke Power Station

Noise Impact Assessment to support planning submissions

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Issued to
RWE Generation (UK) plc

Prepared by
Peter Jackson MSc MIOA
Principal Consultant

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1	Final Report	29/05/2024

APPENDIX A: Noise Breakout Calculation Sheets: Sound emission from the external elements of the Plant Buildings.

APPENDIX B Listing of all noise data from Ambient Sound Survey.

1. INTRODUCTION

RWE Generation (UK) plc (RWE) is submitting a planning application to Pembrokeshire County Council (The Council) in relation to proposals for the construction and operation of a Green Hydrogen Project (GHP) at Pembroke Power Station, situated in Pembrokeshire, South Wales.

The Pembroke GHP would comprise installation of a circa 100-110MWe electrolysis plant powered with green electricity supplied primarily via grid connected renewables thus providing 'green hydrogen' transported by a 1.5km pipeline for use by a nearby industrial customer.

RWE has commissioned Spectrum Acoustic Consultants for completion of a Noise Impact Assessment (NIA), to provide information in support of the planning application to assist The Council in determining the application.

The objective of this NIA is to:

- Identify the study area, in terms of the closest sensitive receptor positions to the proposed development and complete a comprehensive sound survey at these positions to establish the environmental sound baseline.
- Determine the potential noise impact of the proposed development, in line with planning guidance and associated technical advice note issued by The Welsh Government.
- Demonstrate that the cumulative sound from operation of the GHP, together with the existing CCGT operation and operation of the consented Synchronous Condenser Plant (SCP), would still meet the operational noise limits, as defined in the Pembroke Operational Noise & Vibration Management Plan approved by Pembrokeshire County Council, pursuant to Condition 23 of the deemed planning permission granted by the Secretary of State (February 2009).

2. PLANNING POLICY

2.1 PLANNING POLICY WALES

Planning Policy Wales[1] describes the planning development policies of the Welsh Government, with Section 6.7 of the policy 'Air Quality and Soundscape' setting out the policy objectives covering air quality and noise from new development. Some key points covering policy on noise include:

Paragraph 6.7.4:
The planning system should maximise its contribution to achieving the well-being goals, and in particular a healthier Wales, by aiming to reduce average population exposure to air and noise pollution alongside action to tackle high pollution hotspots. In doing so, it should consider the long-term effects of current and predicted levels of air and noise pollution on individuals, society and the environment and identify and pursue any opportunities to reduce, or at least, minimise population exposure to air and noise pollution, and improve soundscapes, where it is practical and feasible to do so.

Paragraph 6.7.6:
In proposing new development, planning authorities and developers must, therefore address any implication arising as a result of its association with, or location within, air quality management areas, noise action planning priority areas or areas where there are sensitive receptors.

[1] *Planning Policy Wales. Edition 11. February 2021.*

Paragraph 6.7.17 (Location of Commercial, Industrial and other Potentially Polluting Development):

The location of potentially polluting development adjacent to sensitive receptors will be unacceptable where health and amenity impacts cannot be minimised through appropriate design and mitigation measures. It is the overall expectation that levels of pollution should be reduced as far as possible and for this reason the location of potentially polluting development should be taken into account as part of overall strategies in development plans to ensure it can be appropriately located and maximum environmental benefits can be gained through measures such as green infrastructure.

2.2 TECHNICAL ADVICE NOTE (TAN 11).

Welsh Government guidance when planning a new development, be it noise generating or noise-sensitive development, is covered by Technical Advice Note (TAN) 11: Noise (1997). Important updates are provided in the Welsh Government note *CL-01-15 Updates to TAN 11 Noise – Noise Action Plan (2013-18) Commitments.*

Appendix 2 of the CL-01-15 note includes updates for Annex B of TAN 11. *Guidance on the assessment of noise from industrial and commercial sources,* with the relevant paragraphs detailed as follows:

In light of the introduction of the environmental permitting regime and the updating of British Standards, the existing paragraph B17 should be deleted and replaced with the following:

The likelihood of adverse impacts arising from noise of an industrial and/or commercial nature can be assessed, where the application of BS 4142:2014 is appropriate, using the guidance set out in that Standard. Tonal or impulsive characteristics of the noise are likely to increase the scope for adverse effects and this is taken into account by the "rating level" defined in BS 4142. This rating level should be used when stipulating the level of noise that can be permitted. The significance of sound of an industrial and/or commercial nature typically depends upon both the margin by which the rating level of the specific sound source exceeds the background sound level and also the context in which the sound occurs.

Noise conditions can often be attached to environmental permits issued under the Environmental Permitting (England and Wales) Regulations 2010 (as amended). This will be particularly relevant when dealing with sites where the operator is working with the benefit of a planning permission not subject to a noise condition. Local planning authorities and environmental permitting authorities should consult closely at an early stage when considering the need for specific noise controls to be imposed by appropriate conditions in any planning permission or in the subsequent environmental permit.

2.3 CONSENT OVERVIEW FOR PEMBROKE POWER STATION OPERATIONAL NOISE

Operational noise from Pembroke Power Station is regulated by Natural Resources Wales (as successor in Wales to the Environment Agency from 1 April 2013) under the conditions of the main Environmental Permit (ref. EPR/DP3333TA) which authorises the combustion and associated activities carried on at the Station. The permit does not impose any quantitative noise limits, but requires that:

"Emissions from the activities shall be free from noise and vibration at levels likely to cause pollution outside the site, as perceived by an authorised officer of the Environment Agency, unless the operator has used appropriate measures, including, but not limited to, those specified in any approved noise and vibration management plan to prevent or where that is not practicable to minimise the noise and vibration.

However, Condition 23 of the deemed planning permission requires that the Operational Noise & Vibration Management Plan details the maximum permissible levels of operational noise at each of the specified receptor positions, noted as RP1, RP2A and RP4A. The only significance of the A suffix is that the original positions RP2 and RP4, as used for the project Environmental Statement, were moved to accommodate subsequent changes to the residential receptor positions located closest to the power station site.

With each of the noise monitoring locations being at different distances from the Station and experiencing different levels of background ambient noise, the specific operational noise limits have been set for each location taking these circumstances into account. These limits are defined in Table 1.

Position Ref.	Location	Distance to Station (m) (centre of power island)	Noise limit $L_{Aeq,T}$[1] dB
RP1	Pwllcrochan	850	42
RP2A	Greenhill Farm	750	42
RP4A	Pennar Point	1600	40

Table 1: Pembroke Power Station operational noise limits

Note 1: LAeq (5 min) between 2300 and 0700hrs, LAeq (1 hour) between 0700 and 2300hrs

The Pembroke Operational Noise and Vibration Management Plan (PONVMP), pursuant to Condition 23 of the Section 36 deemed planning permission and as agreed with The Council, includes for noise limits that apply to the commercial operation of the power station.

RWE are of the view that the noise limits, as included in Table 1, do not apply directly to developments at Pembroke Power Station site that do not form part of power station operations as Consented by the Section 36.

However, noise emissions from the power station site are controlled by the operating permit, which includes an overarching requirement to minimise pollution from noise and vibration, by use of appropriate measures, which may include those specified in any approved noise management plan.

Under the principle of applying Best Available Techniques (BAT) for minimising sound emissions, the Noise Impact Assessment (NIA) applicable to the GHP will therefore reference (where appropriate) the noise limits included in the PONVMP, as being a suitable criterion for justifying BAT, so ensuring that other developments on the Pembroke Power Station do not produce a significant increase to environmental sound.

It may be noted that position RP2A (Greenhill Farm) is now under the ownership of RWE and whilst the farmland continues to be used for farming purposes, the farmhouse is no longer occupied and there is no intention for this to be returned to residential use.

In this respect a BS 4142 assessment of operational sound from the GHP is not strictly applicable at this receptor position and compliance with the defined noise limits strictly no longer necessary.

However, for the purpose of assessing operational sound from the GHP to the south of the power station, an additional position RP3: Lambeeth Farm, has been identified, with detail of this position included in Section 3.3.

3. ASSESSMENT CRITERIA

In line with planning guidance, together with requirements under the Environmental Permit, operational sound from the GHP will be assessed in terms of:

- The Rating Level of GHP operational sound, compared to mean background sound levels, to determine the BS 4142[2] Assessment Level and associated impact rating.
- Continued compliance with the Pembroke Power Station operational noise limits, defined in Table 1.

3.1 BS 4142:2014 METHODS FOR RATING AND ASSESSING INDUSTRIAL AND COMMERCIAL SOUND

The objective of BS 4142 is to determine an initial estimate of impact of industrial/commercial sound on nearby residents by comparing the Rating Level (sound level from the industrial/commercial source, with a correction applied for any acoustic features that characterise the sound) with the Background Sound Level (L_{A90} as measured in absence of the industrial/commercial source).

The greater the difference by which the Rating Level exceeds the Background Sound Level, the greater the magnitude of impact. BS 4142 states:

'a difference of around +10dB or more is likely to be an indication of a significant adverse impact […]. A difference of around +5dB is likely to be an indication of an adverse impact […]. Where the rating level does not exceed the background sound level, this is an indication of the specific sound source having a low impact.'

Table 2 provides a summary of the BS 4142 defined magnitude of impact against assessment level.

BS 4142 Assessment Level $L_{Ar,Tr} - L_{A90,T}$ dB	Magnitude of Impact
>= 10	Significant adverse impact
>= 5	Adverse impact
< 5 to >0	Lowering risk of adverse impact
0	Low adverse impact
< 0	Further lowering of impact

Table 2: BS 4142 magnitude of noise impacts.

BS4142 indicates that certain acoustic features, such as tonal and impulsive sound, can increase the significance of impact over that expected from a comparison between the specific sound level and the background sound level. Where such features are present at the assessment location, consideration needs to be given to a character correction to be added to the specific sound level to obtain the rating level.

BS 4142 states that corrections to account for the character of sound may be approached by the following methods:

a) Subjective method; applicable to tonality, impulsivity and intermittency.
b) Objective method for tonality and,
c) Reference methods for tonality and impulsivity, as defined respectively in Annex D and Annex E, of the Standard

[2] BS 4142:2014+A1:2019 *Methods for rating and assessing industrial and commercial sound.*

Where a new source of noise cannot be measured at a receptor position because it is only proposed at that time, BS 4142 states that a rating penalty for sound character can be based on a subjective assessment of its characteristics from similar sources.

The subjective method requires consideration of the subjective prominence of the character of the specific sound at the noise sensitive locations and the extent to which such acoustically distinguishable characteristics would attract attention.

Table 3 provides detail of the character corrections as defined by the BS 4142 commentary.

Level of perceptibility	Correction dB(A)			
	Tonality	Impulsivity	Intermittency	Other character
Not perceptible	0	0	0	0
Just perceptible	+2	+3	0	0
Clearly perceptible	+4	+6	+3	+3
Highly perceptible	+6	+9	+3	+3

Table 3: Character corrections applicable to BS 4142 subjective method.

For the 'intermittency', or 'other character' correction of +3dB(A), BS 4142 states that these should be applied where such character is *'readily distinctive'* against the residual acoustic environment. For the purpose of the table this is interpreted to be a character that is either clearly or highly perceptible.

BS 4142 also advises that for each quantitative assessment the context in which the sound is placed must be considered and the initial estimate of impact should be modified accordingly. For example, it includes the advice that:

'*Where background sound levels and rating levels are low, absolute levels might be as, or more, relevant than the margin by which the rating level exceeds the background. This is especially true at night*.'

The initial estimate of the impact may therefore need to be modified due to the context and determining whether this is the case should include consideration of absolute sound levels, the character and level of the residual sound compared to the specific sound and the sensitivity of the receptor

3.2 SIGNIFICANCE OF EFFECTS

The significance of any effects arising from operational sound impacts is established taking account of various factors, particularly the sensitivity of the receptors.

A receptor of high sensitivity would be considered as having little ability to absorb change without fundamentally altering its present character. A receptor of medium sensitivity has a moderate capacity to absorb change without significantly altering its present character. A receptor of low sensitivity is tolerant of change without detriment to its character. A receptor of negligible sensitivity can accommodate change and is not sensitive to noise.

With this consideration, receptors where people are particularly susceptible to noise level change (increase), or to introduction of perceptible levels of vibration, such as residential dwellings; hospitals and schools, would be classed as having high sensitivity. Receptors where people are temporarily exposed

to noise and vibration, experiencing distraction or short-term disturbance, such as in public parkland and walkways, would be classed as having low, or medium sensitivity, dependent on context.

The matrix included in table 4 is designed to grade the significance of effects by combining the sensitivity of the receptor with the magnitude of impact determined at that receptor.

Magnitude of Impact	Level of Significance of Effects relative to Sensitivity of Receptor		
	High	Medium	Low
High	Major	Moderate	Moderate
Medium	Moderate	Moderate	Minor
Low	Minor	Minor	Negligible
Negligible	Negligible	Negligible	Negligible

Table 4: Matrix classification of significance of effects.

For the purpose of EIA and with reference to the matrix, moderate or major significance of effects are considered to represent a likely significant effect.

In relation to noise resulting from the operation of the proposed development, it is appropriate to consider the significance of effects following the design mitigation that has been considered by the predictive noise modelling.

3.3 RECEPTOR POSITIONS FOR ASSESSMENT OF GHP OPERATIONAL SOUND (STUDY AREA).

For the purpose of assessing any potential adverse impact from GHP operational sound and continued compliance with the Pembroke Power Station operational noise limits, the receptor positions (RP's) defined in the PONVMP will be used.

These positions are described in Table 5 and illustrated on Figure 1.

Ref	Receptor Location	OS Grid ref	Description
RP2A	Greenhill Farm	SM 92551 02149	On the east side of the farmhouse at Greenhill Farm, with partial line of sight to the power station. Approximately 370m from the centre of the proposed GHP site.
RP4A	Pennar Point	SM 94468 02956	To the west side of the closest houses to the power station on Ocean Way, Pennar Point, with direct line of sight to the power station. Approximately 2km from the centre of the proposed GHP site.

Table 5: Defined receptor locations relating to Pembroke Power Station operational noise surveys.

Whilst noise limits were originally provided for RP1: Pwllcrochan, there have been no dwellings located in this former hamlet since it was abandoned as a result of the construction of the nearby oil refinery in the 1960s. Consequently, this receptor position is no longer used in connection with routine operational noise monitoring.

With position RP2A (Greenhill Farm) now under the ownership of RWE, an additional position RP3: Lambeeth Farm, has been identified for assessing operational sound from the GHP at the closest residential receptor position to the south of the power station. This position is described in table 6.

An 'ecology' related noise monitoring position (RPe1), on the east boundary of the Pembroke Power Station site, overlooking Pennar Gut, has also been included to assist in the assessment of potential impacts on the nearby Special Areas of Conservation designated sites (SAC's), in particular the nearby intertidal and subtidal areas of Pennar Gut. This aspect of the assessment will be covered more fully in Section 10 of the report.

Ref	Receptor Location	OS Grid ref	Description
RPe1	Pennar Gut	SM 938023 202361	On the east boundary of the power station site overlooking the intertidal area of Pennar Gut. Approximately 1.36km from the centre of the proposed GHP site.
RP3	Lambeeth Farm	SM 93834 01659	On the north side of Lambeeth Farmhouse, with an open view north across to the power station. Approximately 1.55km from the centre of the proposed GHP site.

Table 6: Additional receptor locations relating to Pembroke GHP operational sound assessment.

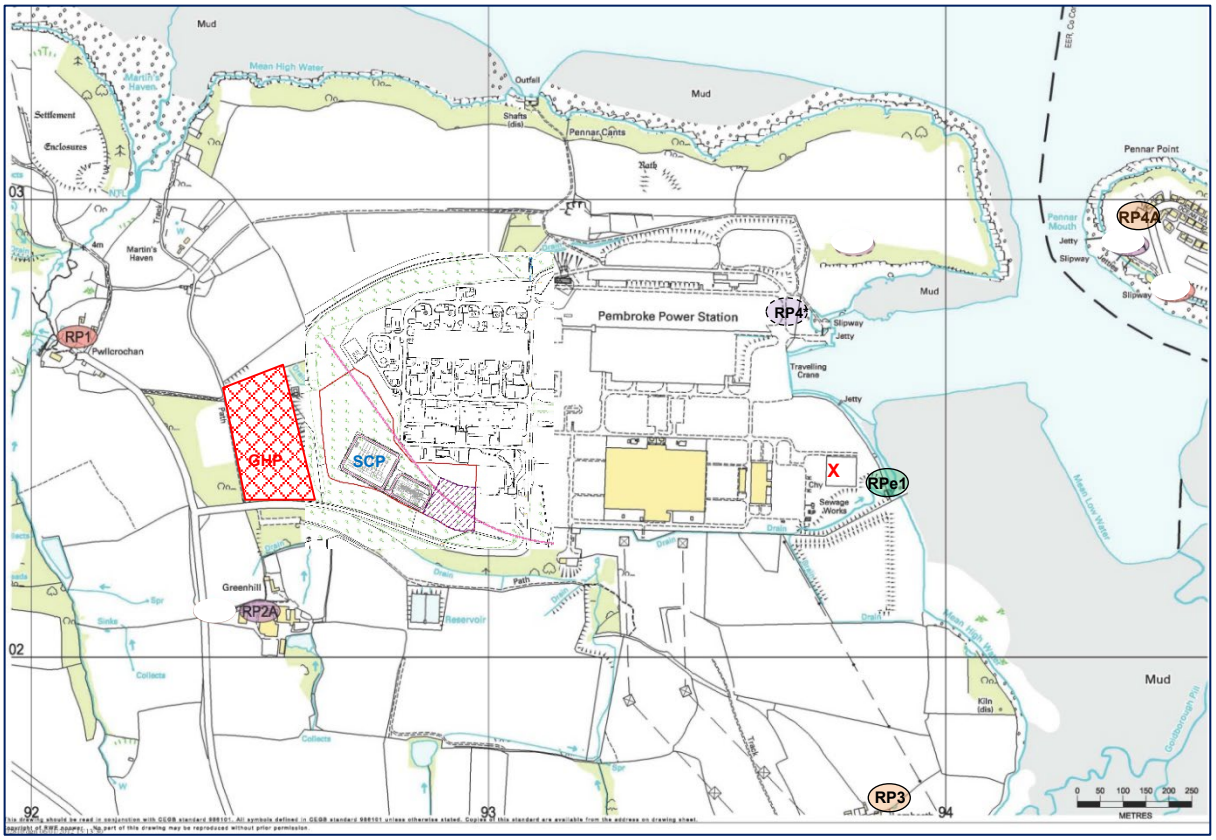

Figure 1: Map showing Green Hydrogen Plant receptor positions used for the ambient sound survey.

Note: X = position of temporary weather station

Photos of the receptor positions are included in Figure 2.

Photo 1: Position RP4A – Pennar Point
Looking in direction of power station

Photo 2: Position RP2A – Greenhill Farm
Looking in direction of power station

Photo 3: Position RP3 – Lambeeth Farm. Looking north.

Photo 4: Position RP3 – Lambeeth Farm house

Photo 5: Position RPe1 – Power Station east boundary.
Looking across to Pennar Gut intertidal area.

Photo 6: Showing location of Weather Station on Power Station site X.

Figure 2: Photos of noise monitoring positions and location of weather station.

4. ASSESSMENT METHODOLOGY

The assessment of noise impacts resulting from the operation of the proposed GHP development are provided in the following sections of this report to include the following detail:

- Completion of a detailed ambient sound survey, to establish the existing baseline (ambient) sound environment in the study area, comprising the closest residential receptor locations to the GHP site
- Completion of a predictive noise model, using sound power data applicable to the equipment and building components that would comprise the GHP, and based on the current representation of the site layout and building design for the scheme.
- Predicted specific sound levels, produced by GHP operation, used to assess potential impact in accordance with guidance provided in BS 4142.
- Evaluation of the significance of noise effects through the relationship of receptor sensitivity to noise and the magnitude and duration of noise impact.
- Predicted specific sound levels, produced by GHP operation, used to demonstrate continued compliance with the Pembroke Power Station operational noise limits, as defined in Table 1. This will include the cumulative assessment to include operational sound from the existing CCGT plant and the consented Synchronous Condenser plant.

5. BASELINE AMBIENT SOUND SURVEY

In order to assess operational sound, in line with BS 4142 assessment procedures, the specific sound level resulting from GHP operation, needs to be compared with the existing ambient and background sound environment, at the nearest noise sensitive receptor locations to the site.

As background sound levels are variable across a 24-hour period it is necessary to assess the potential impact of sound levels for the periods that cover the hours of operation of the proposed development. As in this case where the proposed development involves a continuous operation it is important to acquire noise data representative of all periods of the day.

As part of the noise assessment process, ambient sound levels have therefore been established by completion of a comprehensive ambient sound survey, to include for contiguous noise samples taken over a period of not less than 2-weeks, at each of the noted receptor positions.

Environmental sound levels at the defined receptor positions contain significant (continuous) contributions from existing industrial sources, including the Pembroke Refinery, Pembroke Power Station, and the National Grid (Pembroke) sub-station. There is also more irregular sound from Port activities. In this respect, BS 4142 includes the following clarifying note:

Since the intension is to determine a background sound level in the absence of the specific sound that is under consideration, it is necessary to understand that the background sound level can in some circumstances legitimately include industrial and / or commercial sounds that are present as separate to the specific sound.

5.1 NOISE SURVEY PROCEDURE AND INSTRUMENTATION

Instrumentation used to measure sound levels included the following items. All equipment is calibrated in accordance with manufacturers requirements, using equipment referenced to the British Calibration Service and the National Physical Laboratory:-

- 1 x Bruel & Kjaer Type 2250-Light (3) Sound Level Analyser, serial number 3006954.
- 1 x Bruel & Kjaer Type 2250 (12) Sound Level Analyser, serial number 3027959.
- 1 x Bruel & Kjaer Type 2250 (1) Sound Level Analyser, serial number 2739650.
- 3 x Bruel & Kjaer Type 4231 Acoustic Calibrators.
- 1 x Davis Instruments Vantage Vue, weather station.

The noise survey was completed by unmanned (remote) noise monitoring over the following periods:

RP2A Greenhill Farm. 19 June to 10 July 2023 (21 days).
RP4A Pennar Point and RP3 Lambeeth Farm. 11 to 24 July 2023 (15 days)

Measurements applicable to position RPe1 (ecology receptor) were completed during an earlier survey between 08 to 24 August 2022 (16 days).

For each position, the sound level analyser was located in an open area, with an open view in the direction of the application site (itself on the power station site). Figure 1, together with photos included in Figure 2, illustrate the receptor positions.

The weather station, used to inform periods of higher winds and rainfall during the survey, was located in an open area of the eastern sector of the power station site, to the west of position RP3 (shown as X on Figure 1).

All measurements were recorded in accordance with procedures outlined in BS 4142. Whilst a range of measurement parameters were measured by the instrumentation used for the survey, the following main noise descriptors are reported for the purpose of the BS 4142 assessment:

- $L_{Aeq,T}$ the equivalent continuous noise level; and
- $L_{A90,T}$ percentile level.
- L_{AMAX} the maximum sound pressure level.

Briefly, $L_{Aeq,T}$ the equivalent continuous sound level is used as the measure of total ambient sound, or sound from a specific source, over the reference time period T. $L_{A90,T}$ is defined in BS 4142, as the measure of background sound, when it is applied to the residual sound level (the sound level in the absence of the specific sound being assessed, in this case the GHP). $L_{AMAX,T}$ is the maximum sound pressure level taken over the defined sample period T.

5.2 NOISE SURVEY RESULTS

The bulk sound level data, taken from the duration of the ambient sound survey and as completed at each of the three measurement positions, is included in Appendix B of the report. Due to the large amount of short-period (15-minute) measurement samples recorded during the survey period at each position, the information is best presented in graphical format.

Charts 1 to 3 illustrate the ambient sound profile over the complete survey period at each of the table 3 and 4 defined receptor positions. The charts also include information on wind speed, rainfall and power station load across the survey period.

The results from the noise measurements recorded at Position RPe1 are included in Section 10 of the report, dealing with potential impact on the nearby Special Areas of Conservation (SAC's).

Charts 1 to 3 show that ambient $L_{Aeq,T}$ and background $L_{A90,T}$ sound levels varied across a wide range (typically between 10-15dB), with the higher levels being largely reactive to the wind speed. The highest levels coincided with wind speeds of 5m/s and above. This was particularly the case at RP4A (Pennar Point) which, being at an elevated position, is more exposed to the coastal winds.

The power station load data shows that this was variable across each survey period, but for the majority of the time was operating in the range 1500 MW – 2300 MW.

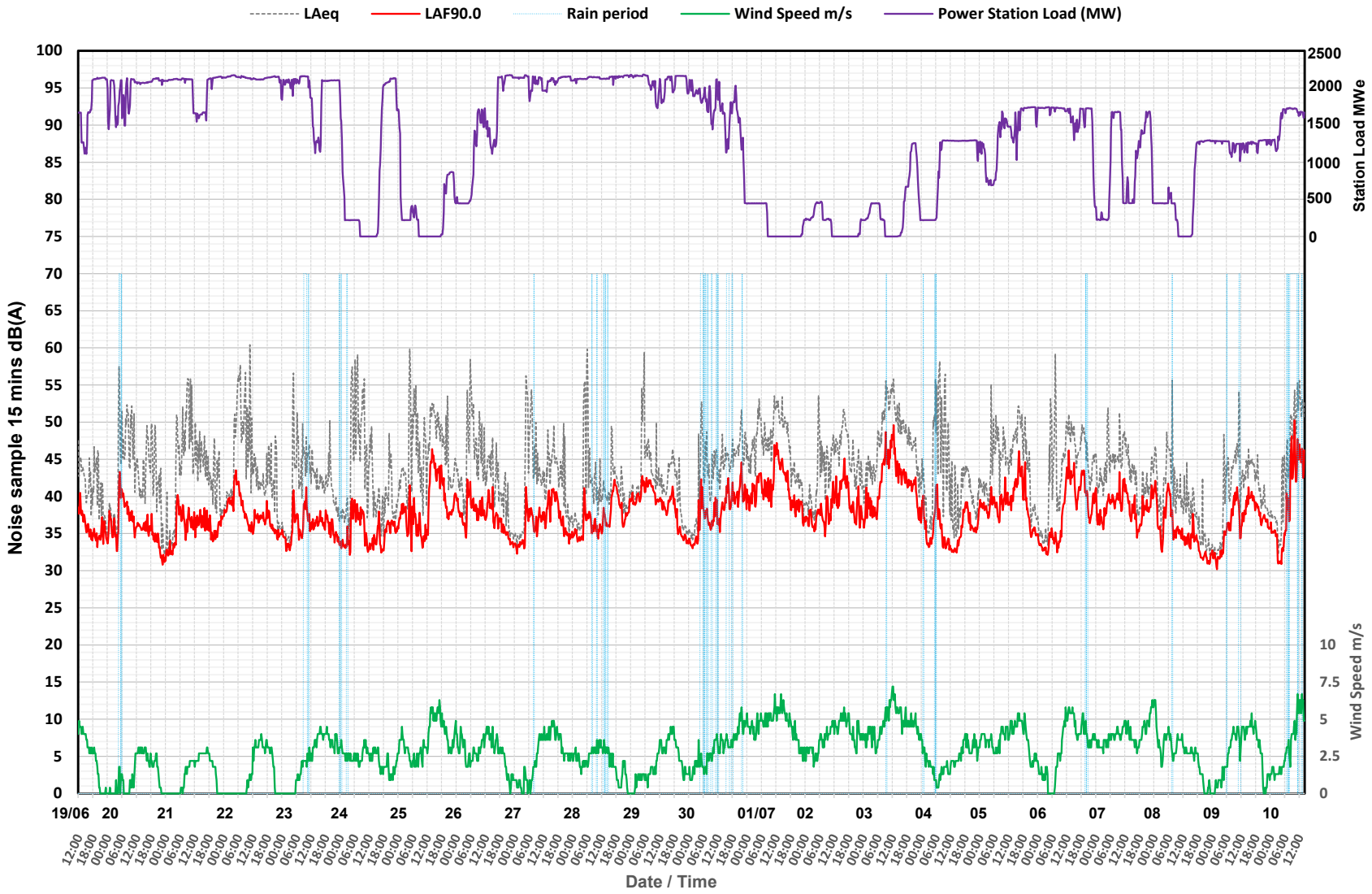

Chart 1: Ambient sound measurements at Position RP2A: Greenhill Farm.

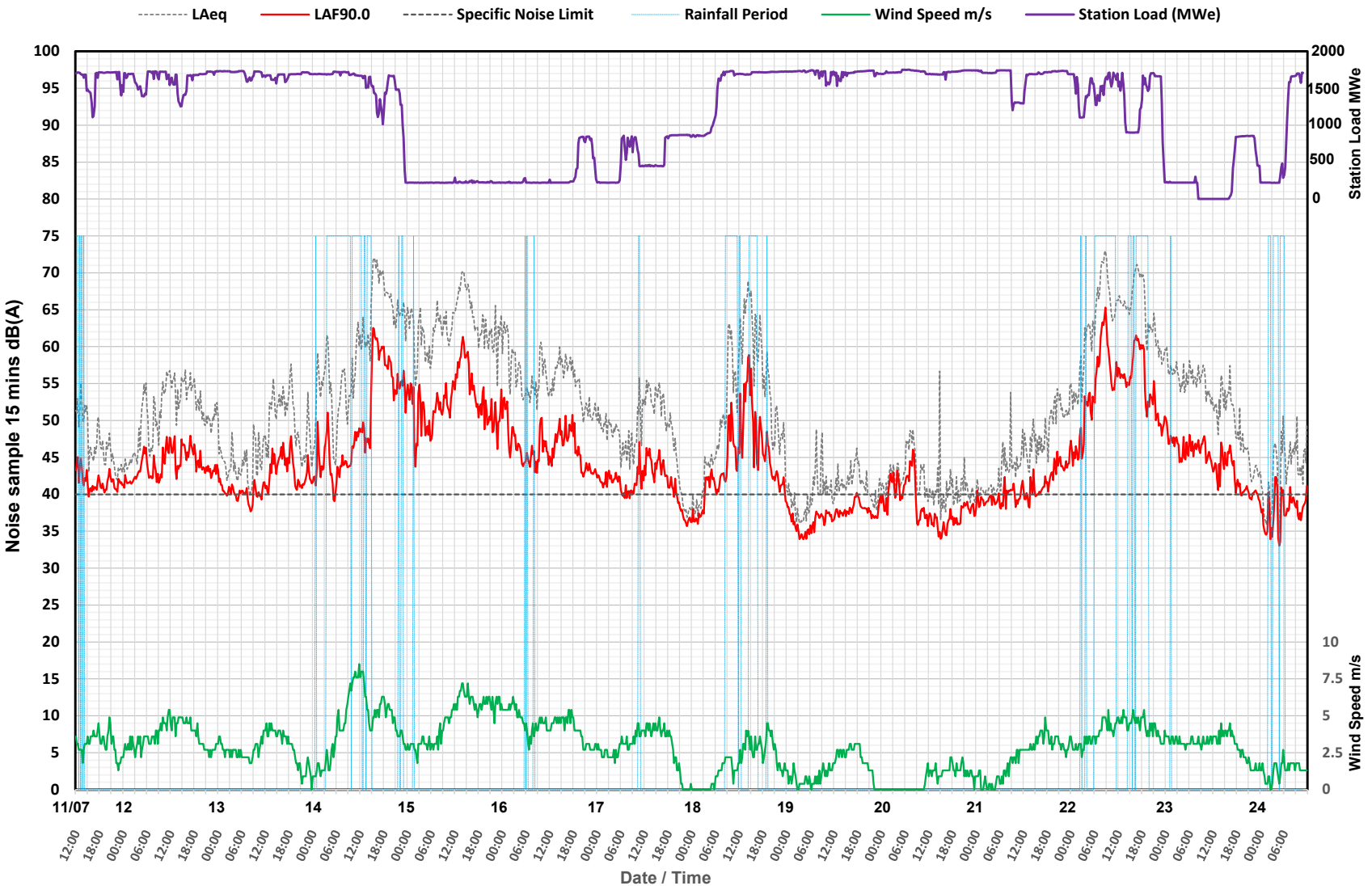

Chart 2: Ambient sound measurements at Position RP4A: Pennar Point.

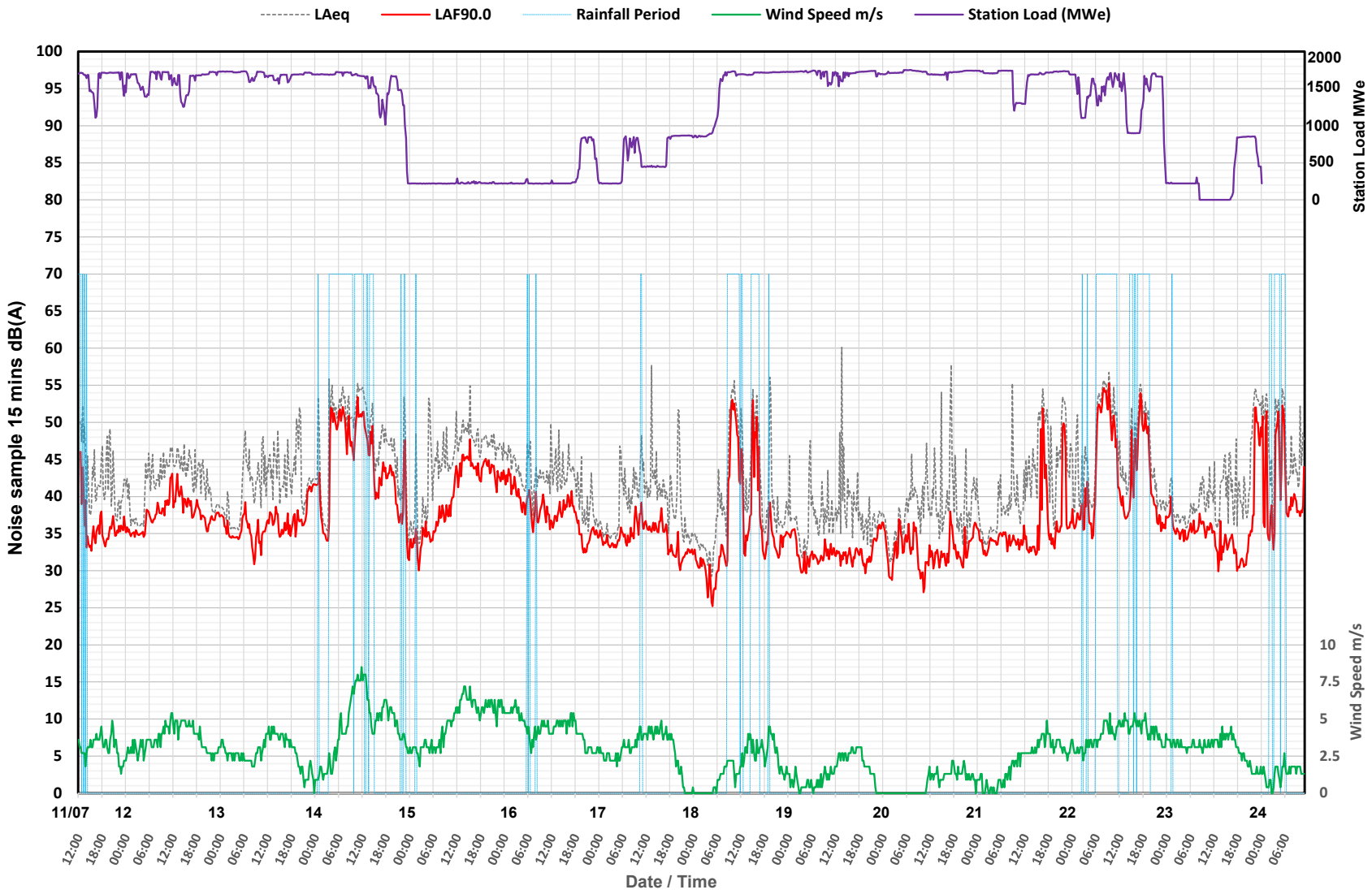

Chart 3: Ambient sound measurements at Position RP3: Lambeth Farm.

5.3 ANALYSIS OF RESULTS

5.3.1 Background sound level

To provide a representative value for the background sound level at each measurement position it is appropriate to provide a review of the central tendency, or the 'middle' value, of the 15-minute data samples measured during each of the daytime, evening and night-time assessment periods, by use of statistical analysis.

To this effect, the raw data listings included in Appendix B, have been used to determine the central tendencies, to include values applicable to the mean, mode and median of the measured L_{A90} data set, taken over the daytime (07:00-19:00), evening (19:00 to 23:00) and night-time (23:00 to 07:00) periods.

Following the BS 4142 guidance for exercising caution when making measurements in adverse weather conditions, such as during higher wind speed >5m/s, the data included in table 7 has been filtered to exclude all the readings influenced by wind speeds of 4m/s and above and during rainfall.

Receptor Position (Reference Fig 1)	Central tendencies L_{A90} over day(12hr), evening (4hr) and night (8hr) periods								
	Mode			Mean			Median		
	Day	Eve.	Night	Day	Eve.	Night	Day	Eve.	Night
RP2A Greenhill Farm	**36**	**35**	**35**	**37**	**36**	**36**	**37**	**36**	**37**
RP4A Pennar Point	**41**	**43**	**42**	**42**	**42**	**42**	**41**	**42**	**42**
RP3: Lambeeth Farm	**33**	**35**	**35**	**36**	**36**	**36**	**35**	**35**	**35**

Table 7: Central tendencies of L_{A90} values measured at each position over daytime, evening and night-time assessment periods.

The results show that background sound levels do not vary significantly between the daytime, evening and night-time periods. This is indicative of the local environment, where noise levels are dominated by industrial sources, having continuous operation and there is an absence of nearby main roads which would provide a more variable sound profile across the 24-hour day.

For the purposes of the BS 4142 assessment, the representative background sound level is taken as the lowest of the central tendency values, as taken from the more sensitive evening or night-time periods:

RP2A:	Greenhill Farm.	$L_{A90,T}$ 35dB
RP4A:	Pennar Point.	$L_{Aeq,T}$ 42dB
RP3:	Lambeeth Farm.	$L_{Aeq,T}$ 35dB

5.3.2 Specific $L_{Aeq,T}$ sound level of CCGT power station operation

ESTABLISHED BY DIRECT MEASUREMENT AT RECEPTORS

To demonstrate continued compliance with the Pembroke Power Station operational noise limits, the cumulative specific sound contributions from the existing CCGT operation, with the addition of the (predicted) GHP operation, together with the consented SCP operation needs to be determined.

It is therefore necessary to establish the specific sound contribution of the CCGT operation, which presents some difficulty in that the total (measured) ambient sound at the receptor positions contains contributions from other significant sources such as Pembroke Refinery, the National Grid substation and Port activities.

As the power station operation is continuous, the residual sound contribution from these extraneous sources cannot be measured for the purpose of subtracting this contribution from the total measured level, in accordance with BS 4142 procedures.

However, as sound emission from the power station is relatively steady a reasonable indication of the maximum specific sound level from the CCGT operation can be determined by reviewing the lowest range of sound levels, as established for periods of very low wind conditions and when the power station was operating at full capacity.

For this purpose, the measured sound level data has been applied with the following filters:

- To only include data for the low wind speeds < 4m/s.
- To only include data for periods when the power station was operating at full capacity >1500MW.

Charts 4 and 5 include the measurement results when these filters have been applied. This data has then been used to determine the central tendencies, to include values applicable to the mean and mean minus one standard deviation (mean -1sd) of the L_{Aeq} and L_{A90} data sets. These values are included in table 8.

Receptor Position (reference Fig 1)		Central tendencies			
		Mean		Mean – 1sd	
		$L_{Aeq,T}$	$L_{A90,T}$	$L_{Aeq,T}$	$L_{A90,T}$
RP2A:	Greenhill Farm	42	36	**35**	33
RP4A:	Pennar Point	43	39	38	**36**

Table 8: Central tendencies for L_{Aeq} and $L_{A90,T}$ values, with filters applied.

The mean – 1sd values represent the lowest sound level range, such as measured during very low wind conditions and during quieter periods of the day when there is an absence of extraneous noise. The specific operational sound level from CCGT operation may therefore be taken as not exceeding the noted mean -1sd $L_{Aeq,T}$ levels.

Moreover, the $L_{A90,T}$ value can often provide a better indication of the specific sound level from an essentially steady source, as this descriptor further filters out the higher levels associated with variable extraneous noise, such as more experienced at RP4A Pennar Point. With this additional consideration the specific sound level from CCGT operation may be taken as not exceeding $L_{Aeq,T}$ 36dB(A), at this position.

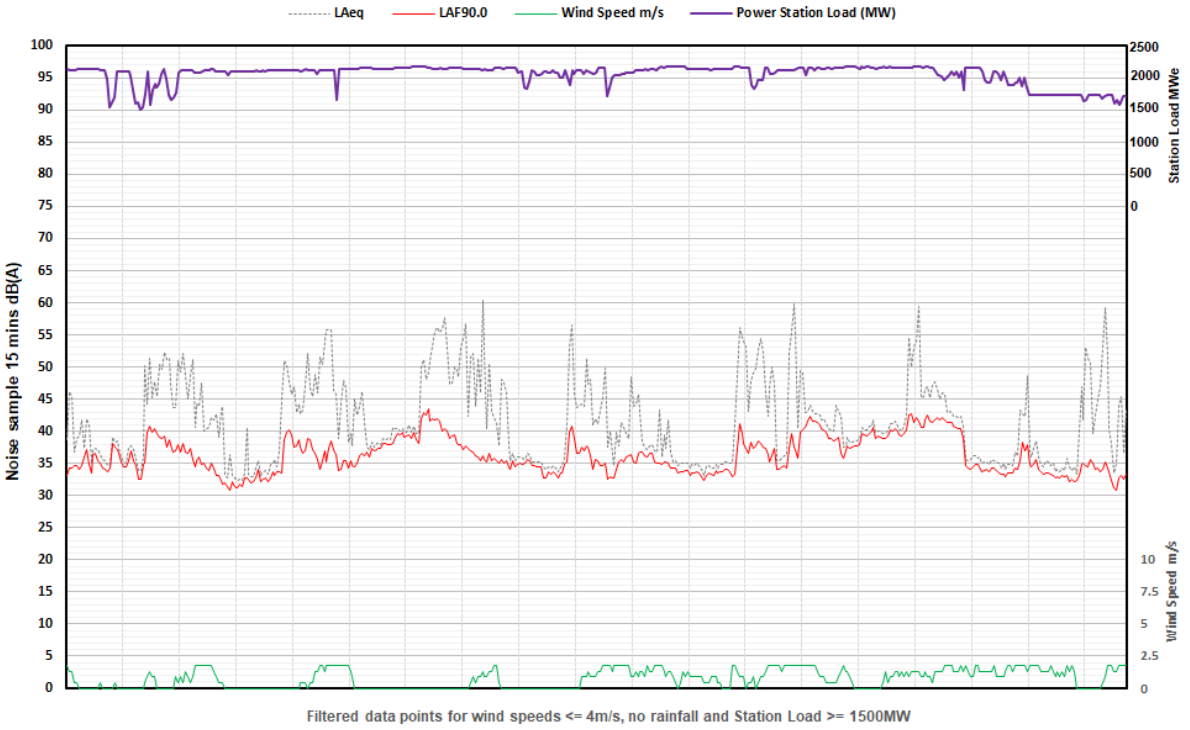

Chart 4: Ambient sound measurements at Position RP2A: Greenhill Farm, with filters applied.

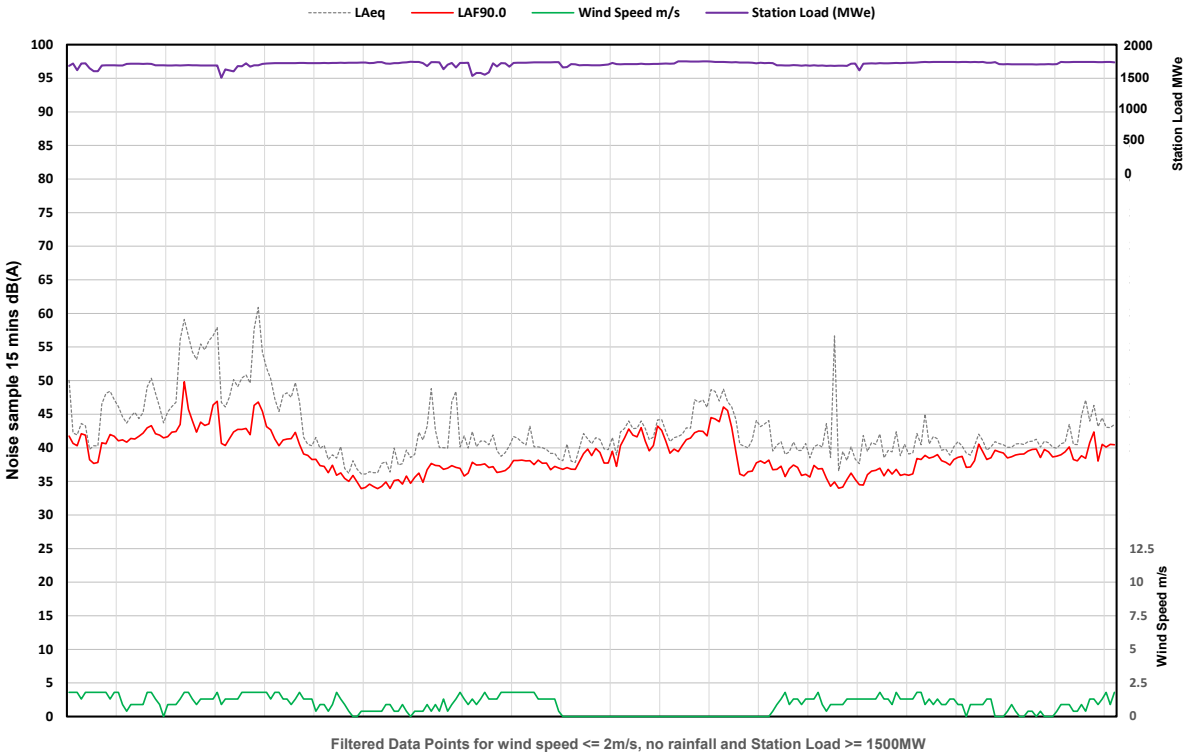

Chart 5: Ambient sound measurements at Position RP4A: Pennar Point, with filters applied.

ESTABLISHED BY MEASUREMENT AT A REFERENCE POSITION CLOSER TO POWER STATION

As described in BS 4142, the specific sound level of a source may also be established by taking measurements at a reference position closer to the source (but in the same propagation path direction) and then determining the specific sound level at the receptor by calculation.

To this effect the noise data recorded at position RP4* (see figure 1), located on a bund situated close to the eastern boundary of the power station site has been referenced. This survey was completed over a 3-month period (30 March to 28 June 2021), for the purpose of monitoring occasional steam venting, but has now been re-purposed for determining the specific operational sound from the CCGT power station at position RP4A (Pennar Point).

The complete set of noise level results at position RP4*, expressed in terms of 15-minute samples, is included in Chart 6. The bulk data has then been applied with the following filters:

- To only include data for the very low wind speeds < 3m/s.
- To exclude data during rainfall.
- To only include data for periods when the power station was operating at full capacity >1500MW.

The filtered data is included in Chart 7.

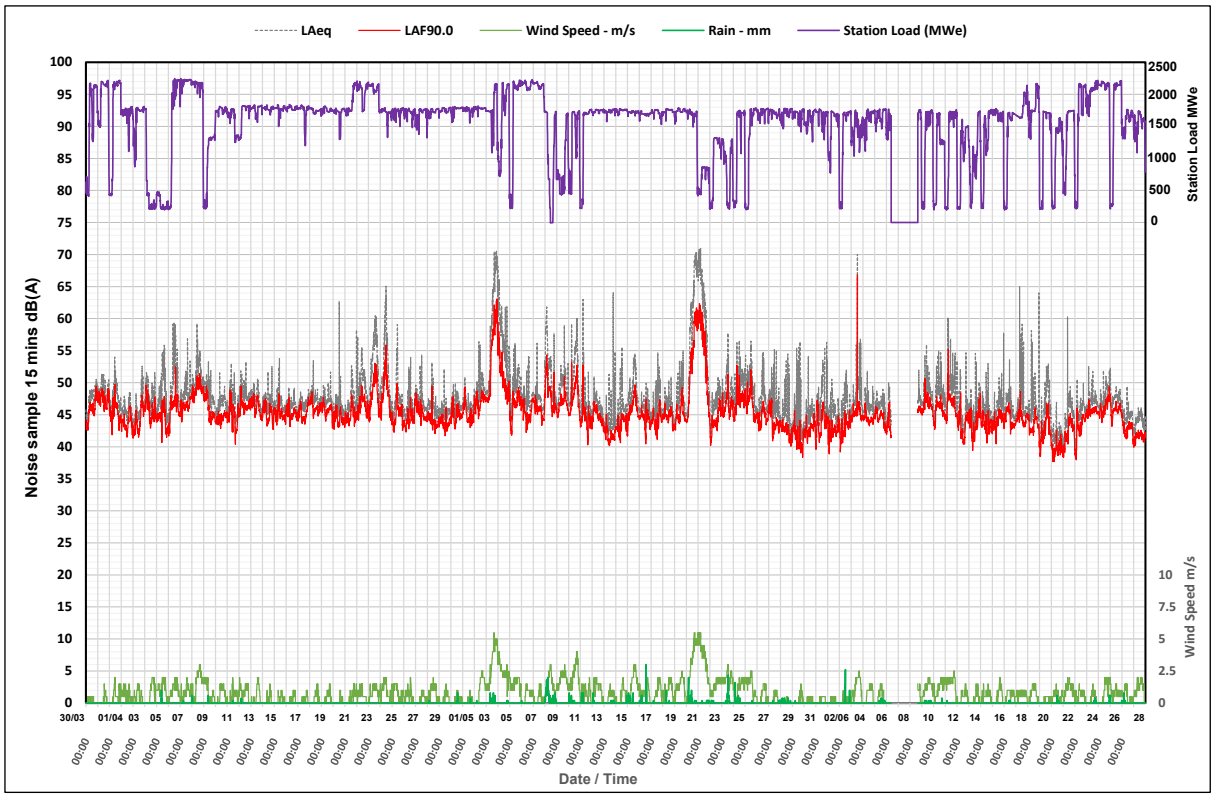

Chart 6: Ambient sound measurements at Position RP4*.

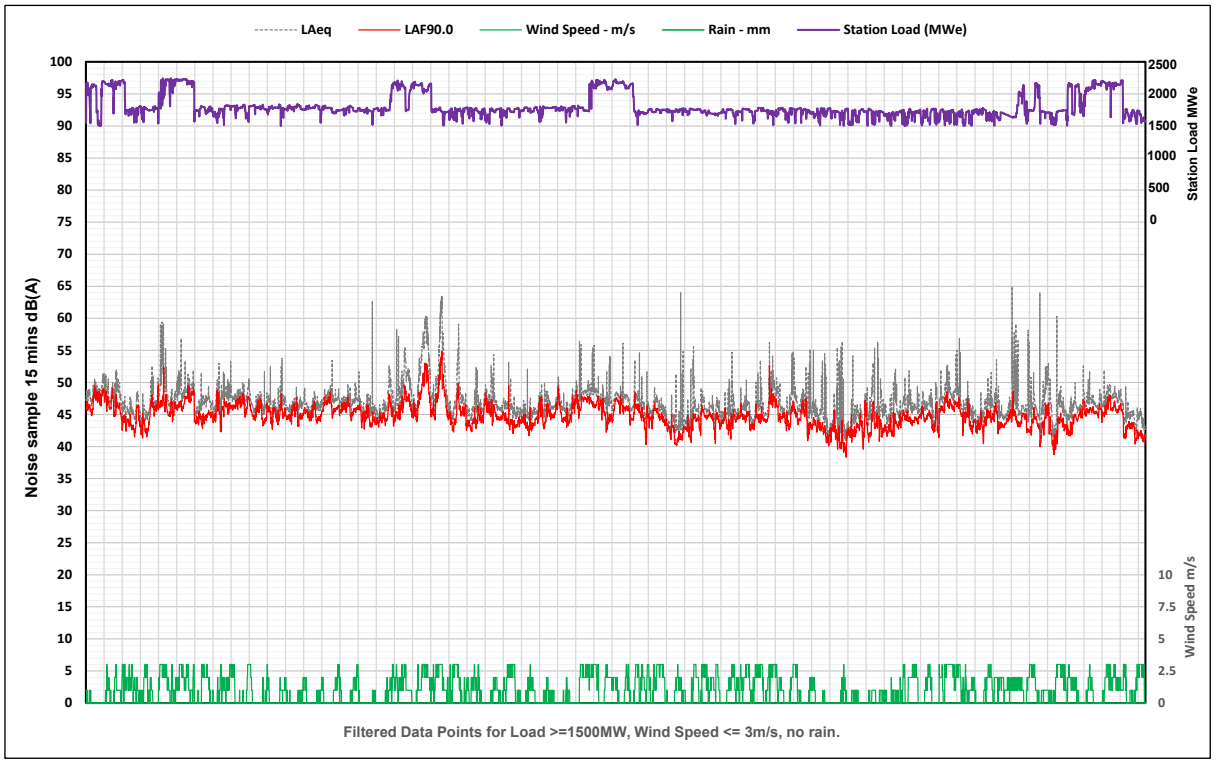

Chart 7: Ambient sound measurements at Position RP4* with filters applied.

The filtered data has been used to determine the central tendencies, to include values applicable to the mean and mean minus one standard deviation (mean -1sd) of the L_{Aeq} and L_{A90} data sets. These values are included in table 9.

Receptor Position (reference Fig 1)	Central tendencies			
	Mean		Mean – 1sd	
	$L_{Aeq,T}$	$L_{A90,T}$	$L_{Aeq,T}$	$L_{A90,T}$
RP4* (on-site near east boundary)	**47**	45	**44**	43

Table 9: Central tendencies for L_{Aeq} and $L_{A90,T}$ values, with filters applied.

Again, the mean – 1sd values represent the lowest sound level range, such as measured during very low and essentially neutral wind conditions. The noted $L_{Aeq,T}$ value of 44dB(A) may therefore be considered as being indicative of the specific sound level from the CCGT operation under essentially neutral weather conditions.

The mean value of $L_{Aeq,T}$ 47dB would more likely represent conditions more favourable to sound propagation, such as downwind to receptor conditions. This value may therefore be considered as being indicative of the specific sound level from the CCGT operation under downwind conditions, which as indicated is typically +3dB(A) above the neutral condition.

The specific operational sound at the RP4A (Pennar Point) receptor position can then be determined by calculation, taking account of the sound level reduction over the additional propagation distance to the receptor positions. This calculation is included in Table 10.

Distances have been taken from the centre of the CCGT power island, representing the acoustic centre of the site:

RP4* (near-east site boundary) 585m
RP4A (Pennar Point) 1530m

Detail	dB(A)	Octave Band Centre Frequency (Hz)								
		31	63	125	250	500	1k	2k	4k	8k
Specific sound level $L_{Aeq,T}$ at RP4*	**47**	63.7	59.9	50.1	44.4	41.6	44.2	37.2	32.3	20.5
Loss over additional distance (dB)		8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
Additional atmospheric attenuation dB		0.0	0.1	0.4	1.1	2.5	4.3	8.3	22.9	79.0
Specific Sound Level $L_{Aeq,T}$ at RP4A	**35**	55.4	51.6	41.5	35.0	30.8	31.5	20.6	1.2	-

Table 10: Calculation of specific CCGT operational sound level at RP4A: Pennar Point

Using this methodology, the specific operational sound from the CCGT power station may be taken as $L_{Aeq,T}$ 35dB(A), as present under downwind conditions.

5.4 TONAL CHARACTER

As expected from electrical generation and transmission equipment, sound emission from Pembroke Power Station and the adjacent National Grid substation exhibits some tonal characteristic.

Table 11 and Figure 3 show an example of a tonal analysis applicable to Pennar Point (RP4A), as taken from measurements completed during the annual operational sound survey. The analysis shows a prominent tone at 100Hz, with further lesser tones at 50, 300, 500 and 600Hz.

Name	Tone Frequency [Hz]	Tone Level Lpt [dB]	Mask Level Lpn [dB]	Tone Audibility ΔLta [dB]	Critical Bandwidth [Hz]	CB Start [Hz]	CB End [Hz]	Adjustment Kt [dB]	Critical Band Center fc [Hz]
Prominent Tone	100.0	28.9	24.2	6.6	100.0	25.0	125.0	2.6	75.0
Tone 1	50.0	24.1	24.2	6.6	100.0	25.0	125.0	2.6	75.0
Tone 2	100.0	27.1	24.2	6.6	100.0	25.0	125.0	2.6	75.0
Tone 3	200.0	33.7	31.9	3.8	100.0	150.0	250.0	0.0	200.0
Tone 4	300.0	29.8	31.1	0.8	100.0	250.0	350.0	0.0	300.0
Tone 5	500.0	23.0	26.6	0.9	110.0	495.0	605.0	0.0	550.0
Tone 6	600.0	20.9	26.6	0.9	110.0	495.0	605.0	0.0	550.0

Table 11: Tonal analysis of noise measurement taken at RP4A Pennar Point.

Figure 4 shows a tonal analysis taken from a position on the Pembroke Power Station site, directly opposite and 50m north of the National Grid transformers. The analysis shows the tones produced by these transformers starting at 100Hz and then all the harmonics up to 1.2kHz, with the prominent tone being at 500Hz.

Comparison of the tones illustrated in Figures 3 and 4 demonstrates that any prominent tonality featured at position RP4A: Pennar Point most likely emanates from the National Grid Transformers and not from CCGT operation at Pembroke Power Station.

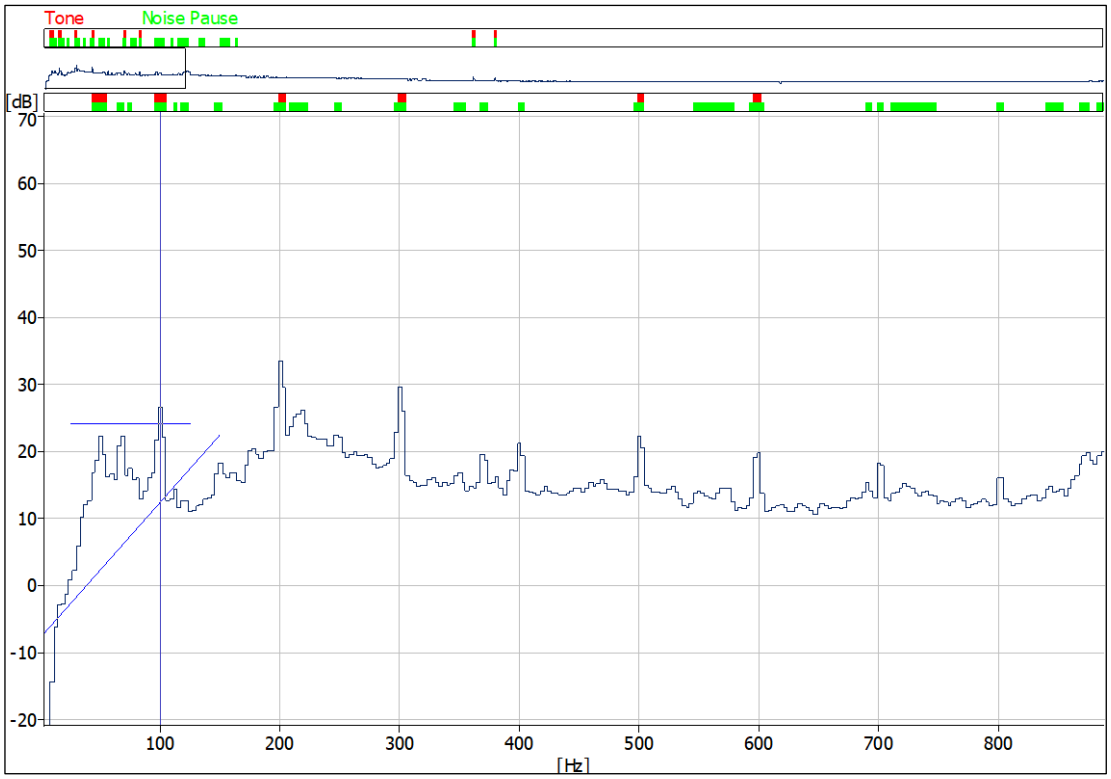

Figure 3: Tonality measurement for position RP4A Pennar Point.

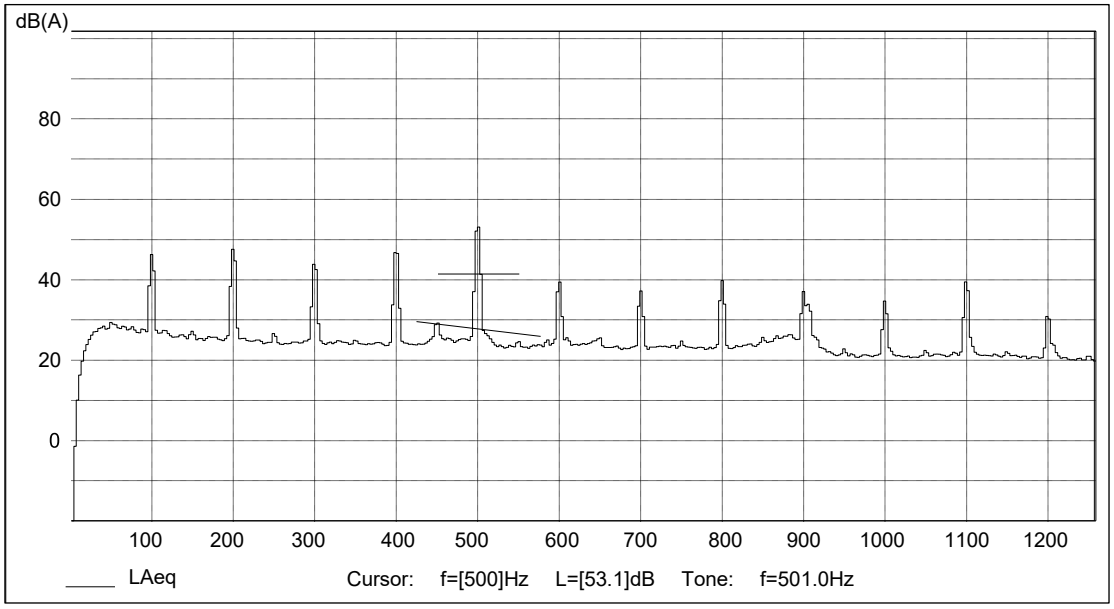

Figure 4: Tonality measurement applicable to NG substation transformers.

6. PREDICTION OF GHP OPERATIONAL SOUND

To assess the potential impact of operational sound from the GHP, at the defined receptor positions, it is necessary to predict the specific operational sound level produced at these locations.

6.1 SCHEME DETAIL

The scheme being considered is illustrated by the indicative site layout included in Figure 5.

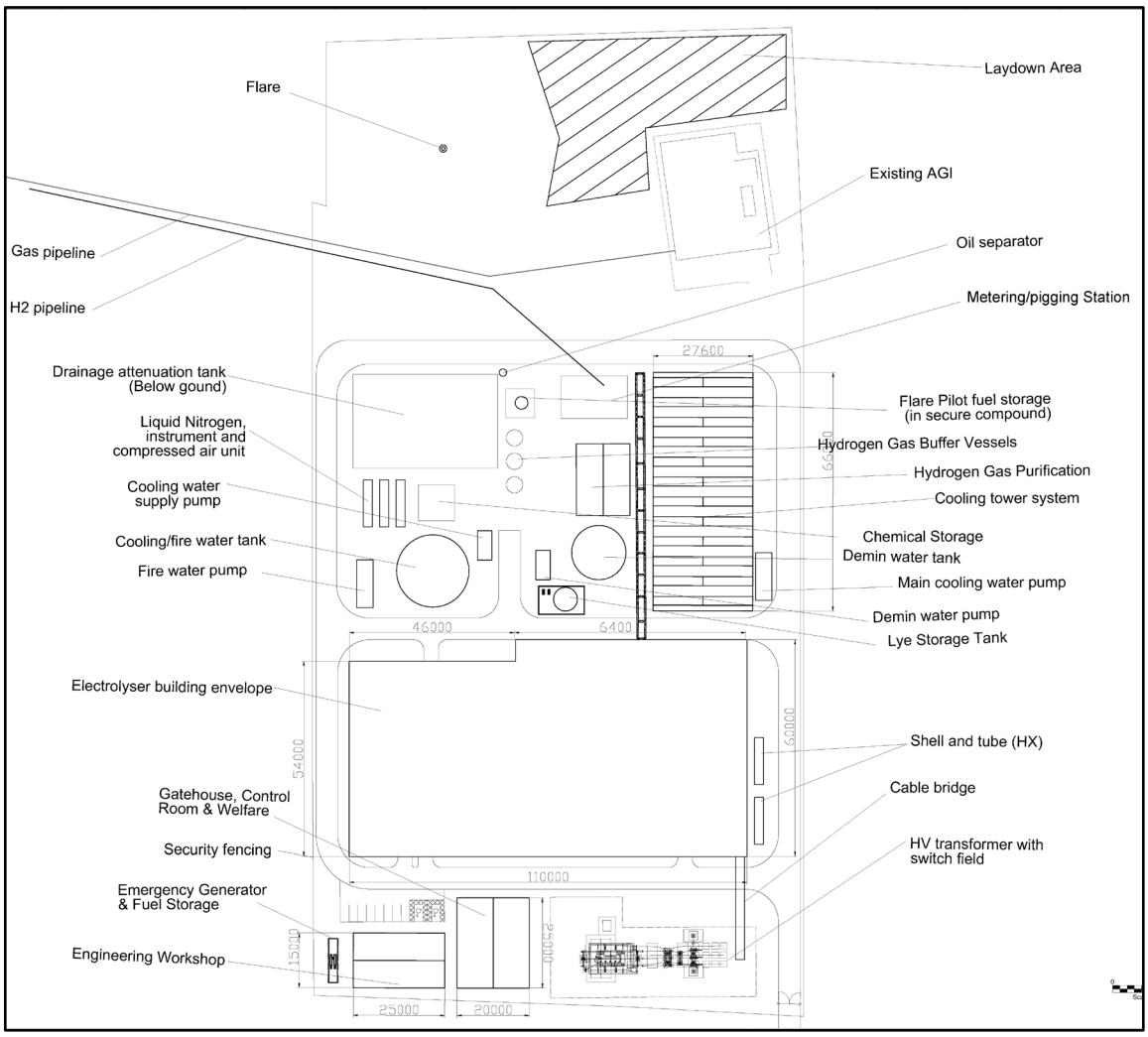

Figure 5: Plan showing an indicative layout for GHP scheme.

Note: Whilst an indicative layout has been put forward in Figure 5, it should be stressed that, as the Applicant explains in the Planning Design and Access Statement included with the Application, the assessment has been undertaken on a 'Rochdale envelope' and parameters approach. The indicative layout should not therefore be treated as the final layout, particularly given that there is necessary flexibility built into the Application to allow for changes to the infrastructure zones.

The indicative scheme includes for buildings to house the Electrolyser Plant and the H_2 Compressors. Given the additional sound insulation provided by these buildings, this would reflect the application of Best Available Techniques (BAT), for minimising sound emissions.

The proposed development site is of modest dimensions relative to the large distance to the closest residential receptors (over 1km). When the ratio of site dimensions to separation distance is large, the area noise sources tend to act as a point source in terms of how the noise is propagated over distance.

Consequently, where changes to the indicative plant layout are made, to accommodate the necessary flexibility, such changes would be unlikely to significantly affect the predicted levels.

6.2 SOUND POWER LEVELS OF PLANT AND BUILDINGS INCLUDED IN THE SCHEME

The sound power levels of the individual components and equipment items that would be included in the GHP scheme are included in Table 12 with these values based on data supplied by the Original Equipment Manufacturers (OEM's). It is assumed that noise emission has been minimised by use of design mitigation in line with the application of Best Available Techniques (BAT).

With respect to the sound emission produced by the elements of these plant buildings, supplementary 'noise breakout' calculations have been completed. Calculations are based on a typical building concept design, to include double-skin profiled cladding for the wall and roof construction, together with doors to include for a high-level of sound-insulation (acoustic door-sets). The calculation sheets are included in Appendix A of the report.

Plant / Equipment item	L_w dB(A)	Sound power level dB, at octave band centre frequency (Hz)								
		31	63	125	250	500	1k	2k	4k	8k
Electrolyser Building.	**87**	104	97	88	87	86	82	79	60	48
H^2 Compressor Building: 4 compressors	**97**	111	103	98	95	94	93	87	73	55
Rectifiers (5 units outside building)	**95**	98	98	97	96	93	90	87	82	75
Rectifier Transformers (5 units)	**95**	98	98	97	96	93	90	87	82	75
LV Transformer	**87**	95	95	93	86	85	82	78	72	65
MV Transformer	**87**	95	95	93	86	85	82	78	72	65
HV Transformer	**87**	95	95	93	86	85	82	78	72	65
Electrolysis stack fans (20 units)	**76**	72	75	78	80	72	70	63	55	52
Demin Water Pumps (3 units)	**80**	80	78	82	82	75	74	74	68	66
H^2 Purification / treatment system	**82**	82	82	84	84	76	75	75	70	68
Instrument air-compressor	**85**	73	78	86	77	79	80	78	76	65
Purge Compressor	**85**	73	78	86	77	79	80	78	76	65
Nitrogen Compressor	**85**	73	78	86	77	79	80	78	76	65
Emergency Generator	**-**	Emergency use only								
Cooling Towers Cells (24 cells or units)	**105**	112	105	102	100	98	97	98	98	95
Cooling Water Pumps (2 units)	**91**	86	86	87	86	86	88	82	76	69
Dosing Station	**78**	75	78	78	73	74	74	70	65	60
Demin Water Supply Pumps (2 units)	**80**	80	78	82	82	75	74	74	68	66
Raw Water supply pumps	**80**	80	78	82	82	75	74	74	68	66

Table 12: Sound power level (L_w) of plant buildings and main items of equipment and components included in the GHP scheme.

Note: The sound power data is applicable to 1 unit of each equipment item noted.

The sound power level of each element of the GHP scheme is used as the starting point for predicting operating sound levels in the surrounding environment and at the specified receptor locations, using an environmental noise propagation model.

It may be noted that for the plant buildings, the individual elements of the building are modelled separately with the component sound power levels as detailed on the noise breakout calculations included in Appendix A.

6.2.1 Sound emission from flaring

The flare would be expected to only operate occasionally, during start up, shut down and any emergency shut down situations.

Under normal operation of the GHP, only the pilot light would be in continuous operation, not the flare itself. Operation of the pilot light would involve low gas flows which would not be expected to result in significant sound emission.

Other than for under any emergency conditions, the occasional operation of the flare would comprise approximately 15 start-up / shut down cycles per year, so under 4 hours operation per annum.

Based on a qualitative assessment, the impact of sound emission from these normal and very occasional operating scenarios would be expected to be negligible. Consequently, operation of the flare has been scoped out of more detailed quantitative assessment using noise predictions.

6.2.2 Sound from public address and general alarm system (PAGA)

The Green Hydrogen Project would have a public address / general alarm system (PAGA) installed for safety reasons. The alarm would be calibrated by the PAGA installers to ensure the volume control is set at a sound level sufficient to alert site employees of any emergency conditions that they may need to act upon, without causing undue disturbance to off-site locations.

The alarm system would operate only in an emergency and would be subject to testing during daytime hours only. In this respect the alarm would supplement the emergency alarm systems already in place on the main power station site.

Based on a qualitative assessment, the impact of sound emission from the emergency and testing operation of the PAGA system would be expected to be low. Consequently, operation of the PAGA system has not been included in the noise predictions.

6.3 PREDICTION METHODOLOGY AND RESULTS

For this assessment a proprietary noise model, 'Predictor', has been used to predict GHP operational sound levels at the defined receptor positions. This model is based upon noise propagation corrections (including distance attenuation, ground effects, topographical screening and atmospheric absorption), as advised in ISO 9613-2[3], to determine numeric results.

It may be noted that ISO 9613-2 (1996) has recently been replaced with ISO 9613-2 (2024)[4]. Noise modelling packages are currently working on implementing these changes. However, the changes to the standard are generally additions rather than revisions, so noise modelling to the earlier version is still valid, particularly as Predictor complies with BS ISO 17534-1[5], which remains current and is the basis for the new 9613 guidance.

The model calculates sound levels around a site simultaneously and allows the reporting of the results visually through the construction of noise contours. It may be noted that the noise model has been built onto an OS map that includes land height contours, at 5m intervals. Accordingly, the noise model takes full account of terrain screening.

The following set-up parameters have been included in the noise model:

- Ground Factor = 1, for soft agricultural land across to positions to the south (RP2A Greenhill Farm and RP3: Lambeeth Farm).
- Ground Factor = 0, for hard ground and open water across to RP4A Pennar Point.
- Downwind conditions (C=0)
- Temperature = 10°C. Humidity 60%.
- Receiver heights = 1.5m
- Source height: As per the source height of each building element and equipment items associated with the scheme.

The noise map, showing noise contours projected for GHP operation, is included as Figure 6.

Specific noise-sensitive receptor co-ordinates can be included in the noise propagation model, to obtain results at specified locations. Accordingly, predicted sound levels at the noted sensitive receptor positions are included in Table 13.

Receptor Position		L_{Aeq}, dB	A-weighted octave band sound pressure Levels (dB) 63	125	250	500	1k	2k	4k	8k
RP2A:	Greenhill Farm	**44**	31	31	30	37	40	36	23	-
RP3:	Lambeeth Farm	**29**	19	15	16	22	26	18	-	-
RP4A:	Pennar Point	**28**	19	14	16	20	26	16	-	-

Table 13: Predicted specific $L_{Aeq,T}$ sound level from operation of GHP, at noted receptor positions.

As shown in the table, predicted sound levels from GHP operation are at a low level at RP3 and RP4A, but significantly higher at RP2A (Greenhill Farm), as this is much the closer position to the GHP site.

[3] ISO 9613. Part 2:1996. Acoustics – Attenuation of sound during propagation outdoors. General method of calculation.
[4] ISO 9613. Part 2: 2024. Acoustics - Attenuation of sound during propagation outdoors – Part 2: Engineering method for the prediction of sound pressure levels outdoors.
[5] BS ISO 17534-1: 2015. Acoustics – Software for the calculation of sound outdoors. Part 1: Quality requirements and quality assurance.

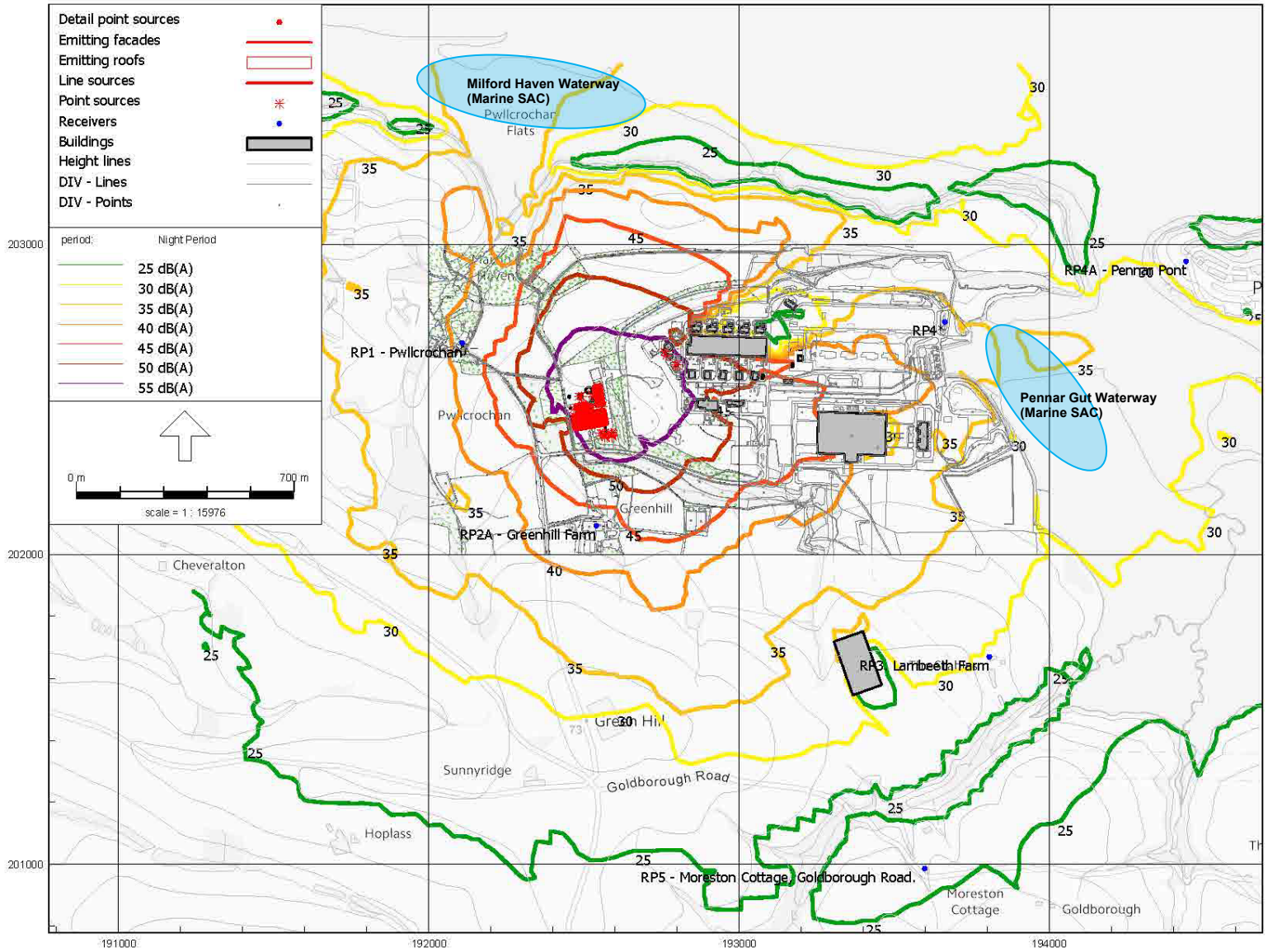

Figure 6: Pembroke PS. Green Hydrogen Plant Predicted Noise Levels

Spectrum Acoustic Consultants Ltd.

Figure 6: Noise Contour Map for operational sound from Green Hydrogen Plant.

6.4 OPERATIONAL SOUND ACOUSTIC FEATURES

Whilst some elements of the GHP would exhibit some degree of tonality at source, it would be unlikely that such tones would be prominent or readily discernible at the noted receptor positions, due to the large distance separation and the presence of higher levels of masking sound from other environmental sources.

As noted in Section 5.4, sound emission from electrical equipment and components associated with operations at the CCGT power station and nearby National Grid Substation already exhibit some degree of tonality at Position RP4A: Pennar Point.

Operation of the GHP would not be expected to produce sound emission of an impulsive character, or of an intermittent / irregular pattern.

7. ASSESSMENT OF GHP OPERATIONAL SOUND

7.1 BS 4142 ASSESSMENT OF GHP OPERATIONAL SOUND

In line with guidance provided by the Welsh Government in Tan 11, the assessment of potential impact of sound from operation of the GHP at the defined closest sensitive receptor positions, is completed in accordance with the methodology detailed in BS 4142.

As described more fully in Section 3.1 (of this report), BS 4142 provides an assessment procedure based on the difference between the rating level ($L_{Ar,Tr}$) of the specific operational sound ($L_{Aeq,T}$) and background sound ($L_{A90,T}$), referred to as the 'assessment level'.

Accordingly, Table 14 provides a comparison of the predicted GHP operational sound, in terms of the rating level, with the $L_{A90,T}$ background sound level, taken as the lowest of the mean and median levels across the more sensitive evening or night-time periods (see Section 5.3.1).

As explained in Section 6.4, whilst some elements of the GHP would exhibit some degree of tonality at source, it is unlikely this would be prominent at the receptor positions, due to large distance separation and the presence of masking noise from other industrial sources

Consequently, no character correction is applicable, so in each case the predicted GHP specific sound level (table 13) is the same as the rating level (table 14).

Receptor Position		Rating level $L_{Ar,Tr}$ (dB)	Background Sound Level $L_{A90,T}$ (dB)	BS 4142 Assessment Level (dB)
RP2A:	Greenhill Farm	44	35	+9
RP3:	Lambeeth Farm	29	35	-6
RP4A:	Pennar Point	28	42	-14

Table 14 BS 4142 assessment of GHP operational sound at defined sensitive receptor positions.

With reference to the BS 4142 magnitude of impact scale (Section 3.1 table 2), the negative assessment level at positions RP3 and RP4A would indicate a low adverse impact due to GHP operational sound.

The +9dB assessment level would indicate adverse impact at RP2A: Greenhill Farm, however, it may be noted that Greenhill Farm is now under RWE ownership. Whilst the land continues to be used for farming, the farmhouse is no longer occupied and there is no intention for this to be returned to residential use.

The conclusion drawn from the BS 4142 assessment of GHP operational sound is that adverse impact at the closest residential receptors would be low. With reference to the matrix classification of significance of effects (table 4), for a low impact applicable to residential receptors with high sensitivity, the significance of effects would be minor and therefore the effect not significant.

7.1.1 BS 4142 uncertainty considerations

Uncertainty to the BS 4142 assessment has been minimised by adopting the following procedures:

UNCERTAINTY OF MEASURED VALUES

- The ambient sound survey has been planned and completed by experienced and well-qualified personnel. Measurement positions have been carefully selected to ensure these are representative of the closest sensitive properties to the application site, with the micro-siting of equipment ensuring the chosen positions afford the most favourable unrestricted view in the direction of the application site.
- Sound level measurements have been made using high-quality Bruel & Kjaer sound analyser instrumentation, with this equipment calibrated in accordance with the manufacturer's specification.
- The ambient sound survey at each receptor position has been conducted in accordance with the guidance and procedures included in BS 4142.
- The sound survey was completed over a long duration of over 2-weeks, recording measurements over a range of different periods, time intervals and taking in suitable weather conditions. This provided a validated dataset for the purpose of providing good statistical accuracy in the determination of the $L_{A90,T}$ Background Sound Level and the $L_{Aeq,T}$ Residual Sound Level.

UNCERTAINTY OF PREDICTIONS AND CALCULATIONS

- For the purpose of noise model predictions, source sound power level data applicable to the GHP equipment has been obtained from information provided by the OEM's.
- Sound level predictions have been made by computer noise modelling, using Bruel & Kjaer 'Predictor' software, with calculations made in accordance with ISO 9613 procedures. Moreover, the Predictor software conforms to ISO 17534 quality assurance for software implementation of ISO 9613.

7.2 COMPLIANCE WITH PEMBROKE POWER STATION OPERATIONAL SOUND LIMITS

Table 15 provides detail of the cumulative specific sound level from Pembroke Power Station, to include existing CCGT operation, together with future operation of the GHP.

Receptor Position	Specific Sound Level $L_{Aeq,T}$ dB				Operational sound Limit $L_{Aeq,T}$
	CCGT	+GHP	Total	Change	
RP2A: Greenhill Farm	35	44	**45**	+10	42
RP4A: Pennar Point	35	28	**36**	+1	40

Table 15: Predicted $L_{Aeq,T}$ specific sound level for Pembroke Power Station, including GHP operation.

Note: The specific CCGT sound level of $L_{Aeq,T}$ 35dB at RP4A: Pennar Point has been determined from measurements at the RP4* reference position.

As shown in Table 15, predicted GHP operational sound would produce an increase in the overall power station specific operational sound level by 10dB(A) at RP2A: Greenhill Farm.

However, this again needs to be considered with the context that Greenhill Farm is now under the RWE ownership and whilst the farmland continues to be used or farming purposes, the farmhouse is no longer occupied and there is no intention for this to be returned to residential use. Continued compliance with historic noise limits imposed at this position is therefore no longer necessary.

A small 1dB(A) increase is indicated at RP4A Pennar Point, however, the 'new' total specific sound level at this position is shown to be still well within the Pembroke Power Station operational sound limit of 40dB(A), with some headroom still available for future projects.

This supports the conclusion drawn from the BS 4142 assessment, that the impact of GHP operational sound would be low at the residential receptor positions and therefore the effect not significant.

8. ASSESSMENT OF CONSTRUCTION NOISE

There is insufficient information at this stage regarding the construction design and management for the GHP, which would include requirements for construction plant, equipment and transportation.

However, with the closest residential receptors being over 1.5km from the GHP site, this would provide a significant buffer distance for the purpose of avoiding adverse impact from construction related noise. Any small element of local ground vibration produced by construction works would be unlikely to be transmitted as perceptible vibration to off-site community positions due to the very large distance separation.

As an example, the noisiest phase of construction works is commonly associated with site foundation works, including piling. With reference to Annex C of BS 5228-1[6], the range of required plant and operations associated with these works would typically produce an activity noise level of up to $L_{Aeq,T}$ 90dB at a reference distance of 10m.

By just taking account of the additional distance attenuation, with no consideration to other potentially significant attenuation factors, such as screening by other buildings and the terrain, this would result in a noise level of around 45dB(A) at 1.5km. This is well below the BS 5228-1 defined indicative significant effect threshold of $L_{Aeq,T}$ 65 dB(A), applicable to normal construction working hours.

Moreover, such levels of construction noise are likely to be similar, and most likely lower, than produced by construction and maintenance works completed at the power station site during routine outages. Noise and vibration would also be time-limited due to the expected GHP construction period.

To mitigate the impact of construction works, noise and vibration can be effectively managed and controlled through standard planning controls, with suitable Conditions agreed with The Council, following submission of the application and before development works commence.

As an example, planning controls can include a requirement for developing a Construction Noise Management Plan for agreement with The Council, to include requirements for adopting the 'best practicable means' for controlling construction noise and vibration, referencing the guidance provided in Section 8 (Control of Noise) of BS 5228-1.

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

9. CUMULATIVE ASSESSMENT

9.1 OVERVIEW

RWE has been granted consent for the development of a Synchronous Condenser Project (SCP), to be located on the Pembroke Power Station site. Information on the predicted sound emission from this scheme is included in the project Noise Impact Assessment (NIA) report, reference PJ4162/22172, submitted to The Council to support the planning application.

RWE has also prepared an application for a proposed Battery Energy Storage System, the Pembroke BESS (PB), with this application being submitted for public consultation. Information on the predicted sound emission from this scheme is included in the project NIA report, reference PJ4234/22430.

RWE is aware of the Greenlink Project, which has consent and is currently under construction. Detail of operational sound from the Greenlink Converter Station (GCS) is included in Chapter 10 of the Greenlink Environmental Statement, with the prediction and assessment of sound emission from the GCS provided in table 10.13 of the chapter. The residential receptor positions included for assessment, which are shared with the Pembroke GHP assessment, are Greenhill Farm (RP2A) and Lambeeth Farm (RP3). It may be noted that the study area for the Greenlink Project did not extend to include Pennar Point (RP4A), due to the large distance to this location.

RWE is also aware of an application made for the Lambeeth Farm BESS (LFB). Detail of operational sound from this proposed development is included in Section 6.3 of the noise impact assessment applicable to this project, dated 6 November 2023. The residential receptor positions included for assessment, which are shared with the Pembroke GHP assessment, include Lambeeth Farm (RP3), and the adjacent property 'The Stables'. It may be noted that the study area for the LFB did not extend to further positions to the south or west of this proposed development.

RWE is also considering other developments at Pembroke Power Station, however, these projects are at pre-application stage and there are no final details regarding potential sound emission, so these cannot be included in a quantitative cumulative assessment alongside the GHP assessment.

However, it would be assumed that projects being subsequently considered for planning application would include, where appropriate, cumulative assessment of projects that have already been submitted for consideration by The Council, which would then include detail of sound emission in the supporting NIA.

Assessment of cumulative sound at Greenhill Farm is not included as (as explained earlier in the report) this property no longer has residential status and associated sensitivity. It may also be noted that RP3 (Lambeeth Farm) is not covered by planning noise limits associated with Pembroke Power Station CCGT operation. Accordingly, CCGT operational sound would provide, along with other sources, a part contribution to the residual ambient and background sound at Lambeeth Farm, as reflected by the noise survey results at this position.

For the Pembroke GHP application, the cumulative assessment will include the following projects, with the noted abbreviations used:

RWE Projects (consented or proposed):

- Synchronous Condenser Project (SCP): Consented development.
- Green Hydrogen Project (GHP): Proposed development.
- Pembroke BESS (PB): Proposed development.

Other (non-RWE) Projects:

- Greenlink Converter Station (GCS). Consented development.
- Lambeeth Farm BESS (LFB). Proposed development.

Cumulative assessment is made for the following receptor positions:

FOR POSITION RP4A (PENNAR POINT):

Assessment of predicted sound emission from PB, GHP and SCP (all RWE developments) and also with existing Pembroke CCGT operational sound.

FOR POSITION RP3 (LAMBEETH FARM):

Assessment of predicted sound emission from GHP, SCP and PB (RWE developments), together with Greenlink Converter Station (GCS) and Lambeeth Farm BESS (LFB), these being non-RWE developments.

It may be noted that in the cumulative assessment tables, RWE projects are shown in blue font, with other developer projects in red font.

9.2 CUMULATIVE ASSESSMENT AT RP4A PENNAR POINT.

9.2.1 BS 4142 assessment of cumulative operational sound from RWE developments.

Table 16 provides a comparison of the predicted cumulative sound from the RWE developments, in terms of a combined BS 4142 rating level, with the $L_{A90,T}$ background sound levels taken as the lowest of the mode, mean and median levels across the more sensitive evening or night-time periods (Table 7, Section 5.3.1).

Receptor Position	Rating level $L_{Ar,Tr}$ (dB)				Background sound level $L_{A90,T}$ (dB)	BS 4142 Assessment Level (dB)
	PB	GHP	SCP	Combined		
RP4A: Pennar Point	26	28	22	**31**	42	-11

Table 16: BS 4142 assessment of cumulative RWE operational sound at RP4A: Pennar Point.

As shown in the table the combined rating level for the RWE developments operating together is 31dB(A) with the GHP providing the larger contribution. The negative assessment level of -11dB at RP4A: Pennar Point indicates a low adverse impact due to sound from all these sources operating together.

The conclusion that may be drawn from the BS 4142 assessment of predicted sound from concurrent operation of the RWE developments is that impact at RP4A: Pennar Point would be low and well below the BS 4142 significant impact threshold of +10dB(A). In this respect it may be considered that, from the aspect of cumulative sound impact, the effect would not be significant.

9.2.2 Compliance with Pembroke Power Station Operational Sound Limit.

Table 17 provides detail of the cumulative specific sound level from Pembroke Power Station, at Position RP4A Pennar Point, to include concurrent operation of the existing CCGT operation, together with operation of RWE consented and proposed developments.

Receptor Position	Specific Sound Level $L_{Aeq,T}$ dB						Operational sound Limit $L_{Aeq,T}$
	CCGT	PB	GHP	SCP	Total	Change	
RP4A: Pennar Point	35	26	28	22	**36**	+1	40

Table 17: Predicted $L_{Aeq,T}$ specific sound level for Pembroke Power Station, including consented and proposed RWE developments.

As demonstrated in table 17, at Position RP4A operational sound from the Pembroke BESS (PB) does not contribute significantly to the total sound emission from the existing CCGT operation.

The predicted total operational sound from the power station, due to the addition of new RWE developments, would result in an increase of 1dB(A) at RP4A Pennar Point. However, the 'new' total specific sound level would still be well within (by 4dB(A)) the Pembroke Power Station operational sound limit, with some headroom still available for future projects.

On-going compliance with the planning noise limit supports the conclusion drawn from the BS 4142 assessment that sound emission from cumulative operation of the new RWE developments (consented and proposed) alongside CCGT operation, would provide a low impact, with the effect not significant.

9.3 CUMULATIVE ASSESSMENT AT RP3: LAMBEETH FARM.

9.3.1 BS 4142 assessment of operational sound from RWE and other developments.

Table 18 provides a comparison of the predicted sound from the RWE developments operating concurrently with other (non-RWE) developments (in terms of a combined rating level), with the $L_{A90,T}$ representative background sound level (table 7).

Receptor Position	Rating level $L_{Ar,Tr}$ (dB)						Background sound level $L_{A90,T}$ (dB)	BS 4142 Assessment Level (dB)
	PB	GHP	SCP	GCS	LFB	Combined		
RP3: Lambeeth Farm	31	29	20	32	34	**38**	35	+3

Table 18: BS 4142 assessment of cumulative operational sound.

As shown in the table, the combined rating level for the concurrent operation of RWE projects (consented and proposed) together with other non-RWE projects would provide a predicted assessment level of +3dB at Lambeeth Farm. With reference to the BS 4142 magnitude of impact scale (table 2), these assessment levels would be below the +5dB adverse impact threshold.

It may also be noted that predicted noise from the RWE schemes (PB, GHP and SCP), provides a lower contribution to the combined specific sound level, than the non-RWE schemes (GCS and LFB).

The conclusion drawn from the BS 4142 assessment of predicted sound from cumulative operation of RWE and other non-RWE developments, is that, should all projects proceed to development, adverse impact would be below the BS 4142 +5dB(A) adverse impact threshold and well below the +10dB(A) significant impact threshold. In this respect it may be considered that, from the aspect of cumulative noise impact, the significance of effects would be minor and therefore the effect not significant.

10. ASSESSMENT OF POTENTIAL NOISE AND VIBRATION IMPACTS ON SAC SITES

10.1 PLANNING POLICY WALES

Paragraph 6.7.18 states:
Early consideration is required to ascertain whether the location and design of proposed development is acceptable where air pollution or noise generating development is likely to affect a protected species, or is proposed in an area likely to affect a statutorily designated site (such as Natura 2000 sites or SSSIs) or a tranquil urban green space (including but not limited to formally designated 'quiet areas') valued for the restorative respite and contact with nature that they offer to residents of busy towns and cities.

10.2 DESCRIPTION OF POTENTIAL IMPACTS

The nearby intertidal and subtidal areas of Pennar Gut, the Pembroke River to the east and the Milford Haven Waterway to the north, are within the Pembrokeshire Marine and West Wales Marine Special Areas of Conservation (SACs). Along with the above sites, the Cleddau Rivers SAC are situated north of the Milford Haven estuary and at least 10km from Pembroke Power Station.

Whilst there is no specific guidance on indicative noise and vibration impact ranges for construction equipment sources, a modest construction operation with an unobstructed propagation path to receptors would not be expected to pose a risk of significant impacts at distances above 1km. Noise and vibration from even large construction operations would be imperceptible at 10km distance (the Cleddau Rivers SAC) and therefore not capable of causing any impacts.

With respect to GHP operational sound, the noise model predictions have indicated a specific sound level of 30dB(A) at RP4A Pennar Point, approximately 2km from the GHP site. Assuming noise loss just for the additional distance, the specific sound level would be reduced by 14dB(A) at 10km distance, resulting in a level of 16dB(A), at the Cleddau Rivers SAC. In practice, other attenuation factors such as screening from buildings and terrain, together with ground and atmospheric absorption would reduce noise even further, rendering the noise as imperceptible.

Based on the above detail, it is reasonable to conclude that there would be no potential risk of likely significant effects from construction or operational noise from the GHP at the Cleddau Rivers SAC and accordingly these potential impacts may be screened out of further assessment.

It is considered that it is only the potential for impact on marine mammals occupying Milford Haven waterway that warrant consideration. Other features are expected to have less sensitivity to noise and vibration and are therefore not considered further for assessment.

Consequently, this section provides a review of potential impacts resulting from noise and vibration from construction and operation of the GHP at the following most sensitive areas of the Pembrokeshire Marine and West Wales Marine Special Areas of Conservation (SACs), closest to Pembroke Power Station and the proposed GHP site. These areas are shown on Figure 6 as blue shaded ovals:

1) Pennar Gut in the approaches to the cooling water intake, an area which has a partially obstructed sound propagation path to the GHP site, due to the presence of other large plant items and buildings on the power station site, and;
2) Milford Haven waterway to the north of the cooling water outfall, directly north of the GHP site, an area which is well screened from the GHP site by the local land topography (Pennar Cants ridge).

10.3 POTENTIAL GHP OPERATIONAL SOUND

With reference to the noise contours included on the noise map (Figures 6), the predicted $L_{Aeq,T}$ sound level from GHP operation is between 30-35dB(A) in the Milford Haven Waterway and between 35-40dB in Pennar Gut. Operational sound is therefore shown to be low at the closest positions within the designated SAC's.

These represent the closest areas of Pembrokeshire Marine and West Wales Marine Special Areas of Conservation (SACs) to the proposed GHP site and consequently represent the worst-case noise levels across the broader SAC areas.

Chart 8 provides detail on the ambient $L_{Aeq,T}$ noise profile, taken at position RPe1 on the power station boundary close to the western edge of Pennar Gut, taking in a range of wind and weather conditions.

As illustrated by this chart, noise levels in the range 35-45dB(A) are routinely produced by residual ambient sound generated by existing sources, including nearby industry, road traffic, Port activity and including noise generated by the coastal weather conditions. Moreover, as illustrated by the LAmax data points (red dots), intermittent sound regularly exceeds a level of 60dB(A) and occasionally 70dB(A) across the area.

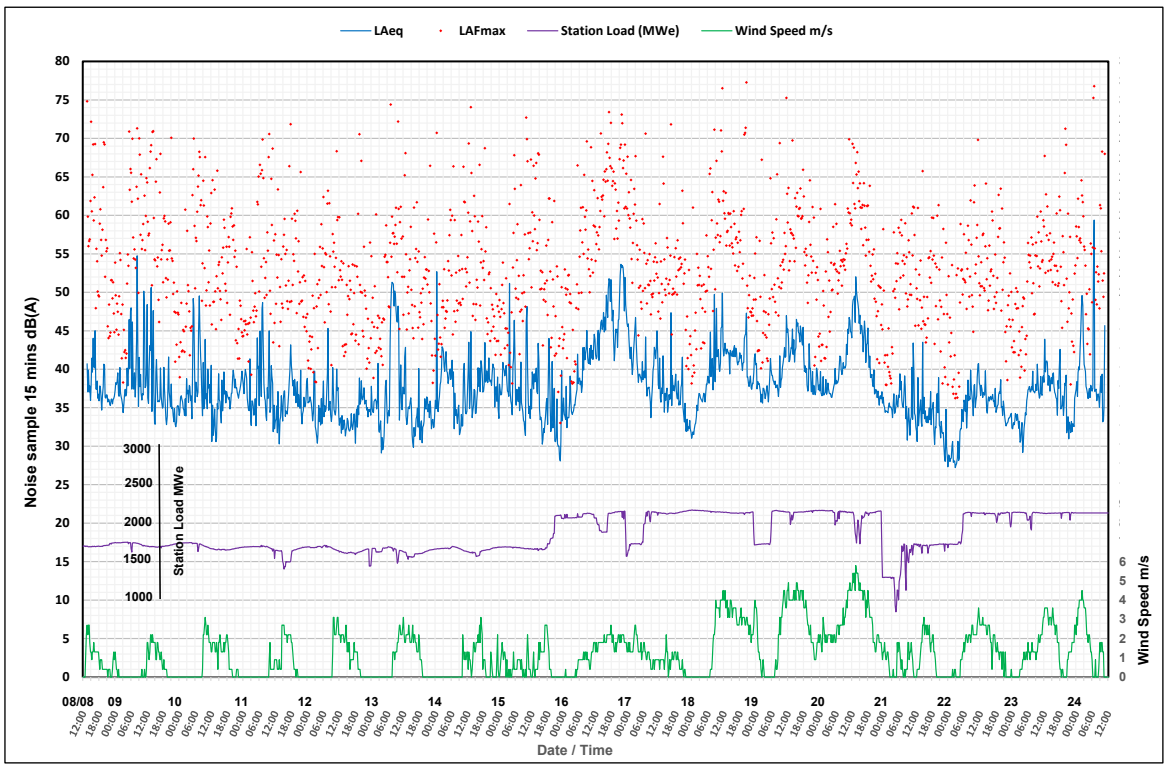

Chart 8: Ambient sound measurements at Position RPe1: Power Station site boundary with Pennar Gut intertidal area.

Impact on the parts of the Pembrokeshire Marine and West Wales Marine Special Areas of Conservation (SACs) closest to and therefore subject to the highest noise levels from the operation of the GHP, would therefore be negligible.

Based on the above detail, it is reasonable to conclude that there would be no potential risk of likely significant effects due to GHP operational sound, in those parts of the Pembrokeshire Marine and West Wales Marine Special Areas of Conservation (SACs) or logically, therefore, anywhere else in these SACs.

10.4 POTENTIAL NOISE AND VIBRATION FROM GHP CONSTRUCTION

The closest and most sensitive areas of Pembrokeshire Marine and West Wales Marine Special Areas of Conservation (SACs) are approximately 900m from the GHP construction site. This would provide a significant buffer distance for the purpose of avoiding adverse impact and associated likely significant effects from construction related noise.

Returning to the previous example (included in Section 8), the noisiest phase of construction works is commonly associated with site foundation works, including piling operations. With reference to Annex C of BS 5228-1, the range of required plant and operations associated with this phase of work would typically produce an activity noise level of up to $L_{Aeq,T}$ 90dB at a reference distance of 10m.

Taking account of the attenuation over the additional distance, this would equate to a sound level of around 50dB(A) at 900m distance, equivalent to the closest areas of the SAC's. Additional terrain screening (of at least 10dB(A)) provided by Pennar Cants Ridge, would reduce noise levels to around 40dB(A), at the closest positions in Milford Haven Waterway.

As shown on Chart 8, such low levels of construction noise would be regularly exceeded by current ambient sound produced by residual sources such as local industry, together with sound produced by coastal conditions, particularly during high winds. Moreover, such levels of construction noise are likely to be similar, and most likely lower, than produced by construction and maintenance works completed at the power station site during routine outages. Noise and vibration would also be time-limited due to the expected GHP construction period.

Impact on the most sensitive areas of the Pembrokeshire Marine and West Wales Marine Special Areas of Conservation (SACs), due to noise emission from GHP construction works, would therefore be time limited and negligible. Accordingly, it is reasonable to conclude that there would be no potential risk of likely significant effect from GHP construction noise on these SACs and consequently this potential impact would reasonably be screened out of EIA.

Any small element of local ground vibration produced by GHP construction works would be unlikely to be transmitted as perceptible vibration to even the closest areas of the Pembrokeshire Marine and West Wales Marine Special Areas of Conservation (SACs), due to the very large distance separation (900m).

Impact on the most sensitive areas of the Pembrokeshire Marine and West Wales Marine Special Areas of Conservation (SACs), due to ground vibration produced by GHP construction works, would therefore be time limited and negligible. Accordingly, it is reasonable to conclude that there would be no potential risk of likely significant effect from construction activities, on these SACs.

11. CONCLUDING SUMMARY

To support the planning application for the proposed Green Hydrogen Project (GHP) at Pembroke Power Station, this report provides a detailed assessment of the potential noise and vibration impacts resulting from the construction and operation of the proposed GHP. The report provides the following key points:

- A detailed ambient sound survey has been completed at the closest most sensitive residential receptor positions to the proposed GHP, including positions defined for the purpose of monitoring and observing planning condition noise limits associated with operation of Pembroke Power Station.
- To establish background sound levels to inform the BS 4142 assessment, the measured sound levels have been filtered to only include data measured during periods of low wind speed (<4m/s) and no rainfall. To determine the specific operational sound from the existing CCGT operation, data has also been analysed from a measurement position RP4*) close to the power station west boundary.
- Based on the indicative GHP layout (figure 5) and equipment sound power levels provided by the original equipment manufacturers, noise model predictions have demonstrated that projected sound levels from GHP operation would be at a low level, at the closest residential receptor positions.
- An assessment to BS 4142 procedures has predicted negative assessment levels at each of the residential receptor positions, thus indicating a very low adverse impact due to operational sound from GHP. In accordance with the matrix classification applicable to residential receptors with high sensitivity, the significance of effects would be minor and therefore the effect not significant.
- At the key residential receptor position of RP4A Pennar Point, predicted GHP operational sound would produce a small +1dB(A) change to the existing operational sound from the CCGT power station. The 'new' total specific sound level is shown to be still within (by 4dB) the Pembroke Power Station operational sound limit of 40dB(A), with some headroom still available for future projects.
- On-going compliance with planning noise limits (applicable to CCGT power station operation) supports the conclusion drawn from the BS 4142 assessment that GHP operational sound would provide a low impact. It is reasonable to conclude that there would be no potential risk of likely significant effects due to operational sound from the GHP.
- With respect to construction of the GHP, the large separation distance to the closest residential receptor positions (1500m) would provide a significant buffer for the purpose of avoiding adverse impact from construction related noise and vibration. To mitigate the impact of construction works, noise and vibration would be effectively managed and controlled through standard planning controls, with a Construction Noise Management Plan agreed with The Council, following submission of the application and before development works commence.
- A cumulative assessment has been completed to include sound emission from RWE projects (consented and proposed) together with other (non-RWE) projects. It has been demonstrated that, should all projects proceed to development, adverse impact would still be below the BS 4142 +5dB(A) adverse impact threshold and well below the +10dB(A) significant impact threshold. In this respect it may be considered that, from the aspect of cumulative noise impact, the significance of effects would be minor and therefore the effect not significant.
- GHP operational sound has been shown to be low (<40dB(A)) across the closest areas of Pembrokeshire Marine and West Wales Marine Special Areas of Conservation (SACs). Impact from GHP construction works, has also been shown to be time limited and negligible. It is reasonable to conclude that there would be no potential risk of likely significant effects due to noise produced by either construction or operation of the GHP, in those parts of the Pembrokeshire Marine and West Wales Marine Special Areas of Conservation, or logically, therefore, anywhere else in these SACs.

APPENDIX A

Noise breakout calculation sheet

Sound emission from the external elements of the Green Hydrogen plant buildings

Spectrum
ACOUSTIC CONSULTANTS

Rev. No.	Date	Details
0	Sep-14	Initial
1a	30.10.14	Includes grilles and access doors if required

CLIENT: RWE
JOB NO: 22170
PROJECT: Pembroke Green Hydrogen Plant
ENCLOSURE DESCRIPTION: Main Electroliser Building

1. ENCLOSURE DIMENSIONS AND SOURCES

Long Sides N and S (m) = 100
Short Sides W and E (m) = 43.2
HEIGHT (m) = 15.6

Short Sides (W and E) EACH (m^2) = 673.9
Long Sides (N and S) m^2) = 1560
ROOF AREA (m^2) = 4320
TOTAL SURFACE AREA INCLUDING FLOOR (m^2) = 13,108

DOORS AND GRILLS	Area(m^2) of each door or grille	Details

		Octaves Band Sound Power Level									
SOURCE	LwA	31	63	125	250	500	1k	2k	4k	8k	No. off
Electroliser Stacks and pumps	108	100	100	98	101	102	102	104	93	93	1
TOTAL	108	100	100	98	101	102	102	104	93	93	

2. SOUND ABSORPTION AND NOISE LEVEL IN ENCLOSURE

Sound Absorption Coefficient

	Octave Band								
Enclosure Surface	31	63	125	250	500	1k	2k	4k	8k
Walls	0.02	0.07	0.25	0.20	0.10	0.15	0.10	0.08	0.15
Ceiling	0.02	0.07	0.25	0.20	0.10	0.15	0.10	0.08	0.15
Floor including equipment	0.01	0.01	0.01	0.01	0.10	0.02	0.02	0.03	0.03
MEAN	0.02	0.05	0.17	0.14	0.10	0.11	0.07	0.06	0.11

Ignores the internal absorption of wall louvres

Sound Pressure Level (reverberant)

		Octave Band								
	dB(A)	31	63	125	250	500	1k	2k	4k	8k
10Log(4/Rc)		-17	-22	-28	-27	-26	-26	-24	-23	-26
T60 (Norris Eyring) (s)		48.8	16.0	4.4	5.6	7.8	7.3	10.8	12.5	7.0
Lp rev	83	83	78	70	74	76	76	80	70	67

3. SOUND INSULATION AND TRANSMISSION OF NOISE

Sound Reduction Index, R

	Octave Band									
	31	63	125	250	500	1k	2k	4k	8k	**Source/Comment**
Long Side Wall (N)	12	14	15	20	24	27	34	43	52	Kingspan KS 1000 RW
Long Side Wall (S)	12	14	15	20	24	27	34	43	52	Kingspan KS 1000 RW
Short Side Wall (W)	12	14	15	20	24	27	34	43	52	Kingspan KS 1000 RW
Short Side Wall (E)	12	14	15	20	24	27	34	43	52	Kingspan KS 1000 RW
Roof	12	14	15	20	24	27	34	43	52	Kingspan KS 1000 RW
0	12	17	36	46	49	52	54	58	52	Acoustic Door
0	12	17	36	46	49	52	54	58	52	Acoustic Door
0	7	10	12	16	21	25	30	30	30	Insulated Door

Breakout Lp at 1m free-field

		Octave Band								
	dB(A)	31	63	125	250	500	1k	2k	4k	8k
Long Side Wall (N)	48	65	58	49	48	46	43	40	21	9
Long Side Wall (S)	48	65	58	49	48	46	43	40	21	9
Short Side Wall (W)	48	65	58	49	48	46	43	40	21	9
Short Side Wall (E)	48	65	58	49	48	46	43	40	21	9
Roof	48	65	58	49	48	46	43	40	21	9
0	31	65	55	28	22	21	18	20	6	9
0	31	65	55	28	22	21	18	20	6	9
0	51	70	62	52	52	49	45	44	34	31

Breakout Lw

			Octave Band								
		dB(A)	31	63	125	250	500	1k	2k	4k	8k
Long Side Wall (N)		80	96	90	81	80	78	75	72	52	41
Long Side Wall (S)		80	96	90	81	80	78	75	72	52	41
Short Side Wall (W)		76	93	86	77	76	75	71	68	49	37
Short Side Wall (E)	No.	76	93	86	77	76	75	71	68	49	37
Roof	Off	84	101	94	85	84	83	79	76	57	45
0	0	7	0	0	0	0	0	0	0	0	0
0	0	7	0	0	0	0	0	0	0	0	0
0	0	7	0	0	0	0	0	0	0	0	0
Σ Lw Breakout		88	104	97	88	87	86	82	79	60	48
Σ Lw Inside		108	100	100	98	101	102	102	104	93	93
Enclosure Insertion Loss				3	10	14	16	20	25	33	45

Total for all doors and louvres. Adjust to per door or louvre before inputting into Predictor or use Lp at 1m in above table as Lw/m2.

Spectrum
ACOUSTIC CONSULTANTS

Rev. No.	Date	Details
0	Sep-14	Initial
1a	30.10.14	Includes grilles and access doors if required

CLIENT: RWE
JOB NO: 22170
PROJECT: Pembroke Green Hydrogen Plant
ENCLOSURE DESCRIPTION: H2 Compressor Building

1. ENCLOSURE DIMENSIONS AND SOURCES

Long Sides N and S (m) = 33.15
Short Sides W and E (m) = 14.41
HEIGHT (m) = 10.2

Short Sides (W and E) EACH (m^2) = 147
Long Sides (N and S) m^2) = 338.1
ROOF AREA (m^2) = 477.7
TOTAL SURFACE AREA INCLUDING FLOOR (m^2) = 1,926

DOORS AND GRILLS	Area(m^2) of each door or grille	Details

Octaves Band Sound Power Level

SOURCE	LwA	31	63	125	250	500	1k	2k	4k	8k	No. off
3 x Compressors	117	105	105	110	110	112	112	112	105	100	1
TOTAL	117	105	105	110	110	112	112	112	105	100	

2. SOUND ABSORPTION AND NOISE LEVEL IN ENCLOSURE

Sound Absorption Coefficient

Enclosure Surface	Octave Band 31	63	125	250	500	1k	2k	4k	8k
Walls	0.02	0.07	0.25	0.20	0.10	0.15	0.10	0.08	0.15
Ceiling: Perforated lining + insulation	0.02	0.07	0.25	0.20	0.10	0.15	0.10	0.08	0.15
Floor including equipment	0.01	0.01	0.01	0.01	0.10	0.02	0.02	0.03	0.03
MEAN	0.02	0.06	0.19	0.15	0.10	0.12	0.08	0.07	0.12

Ignores the internal absorption of wall louvres

Sound Pressure Level (reverberant)

	dB(A)	Octave Band 31	63	125	250	500	1k	2k	4k	8k
10Log(4/Rc)		-9	-15	-21	-19	-17	-18	-16	-15	-18
T60 (Norris Eyring) (s)		22.9	7.1	1.9	2.4	3.8	3.2	4.8	5.8	3.2
Lp rev	100	96	90	89	91	95	94	96	90	82

3. SOUND INSULATION AND TRANSMISSION OF NOISE

Sound Reduction Index, R

	Octave Band 31	63	125	250	500	1k	2k	4k	8k	Source/Comment
Long Side Wall (N)	10	13	17	21	26	27	34	42	52	Kingspan KS 1000 RW
Long Side Wall (S)	10	13	17	21	26	27	34	42	52	Kingspan KS 1000 RW
Short Side Wall (W)	10	13	17	21	26	27	34	42	52	Kingspan KS 1000 RW
Short Side Wall (E)	10	13	17	21	26	27	34	42	52	Kingspan KS 1000 RW
Roof	10	13	17	21	26	27	34	42	52	Kingspan KS 1000 RW
0	12	17	36	46	49	52	54	58	52	Acoustic Door
0	12	17	36	46	49	52	54	58	52	Acoustic Door
0	7	10	12	16	21	25	30	30	30	Insulated Door

Breakout Lp at 1m free-field

	dB(A)	Octave Band 31	63	125	250	500	1k	2k	4k	8k
Long Side Wall (N)	65	80	71	66	64	63	61	56	42	24
Long Side Wall (S)	65	80	71	66	64	63	61	56	42	24
Short Side Wall (W)	65	80	71	66	64	63	61	56	42	24
Short Side Wall (E)	65	80	71	66	64	63	61	56	42	24
Roof	65	80	71	66	64	63	61	56	42	24
0	46	78	67	47	39	40	36	36	26	24
0	46	78	67	47	39	40	36	36	26	24
0	69	83	74	71	69	68	63	60	54	46

Breakout Lw

	No. Off	dB(A)	Octave Band 31	63	125	250	500	1k	2k	4k	8k
Long Side Wall (N)		90	105	97	92	89	88	86	81	67	49
Long Side Wall (S)		90	105	97	92	89	88	86	81	67	49
Short Side Wall (W)		87	101	93	88	85	84	83	77	63	45
Short Side Wall (E)		87	101	93	88	85	84	83	77	63	45
Roof		92	106	98	93	90	89	88	83	68	51
0	0	7	0	0	0	0	0	0	0	0	0
0	0	7	0	0	0	0	0	0	0	0	0
0	0	7	0	0	0	0	0	0	0	0	0
Σ Lw Breakout		97	111	103	98	95	94	93	87	73	55
Σ Lw Inside		117	105	105	110	110	112	112	112	105	100
Enclosure Insertion Loss				2	12	15	18	19	25	32	45

Total for all doors and louvres. Adjust to per door or louvre before inputting into Predictor or use Lp at 1m in above table as Lw/m2.

APPENDIX B

Listing of all noise data from Ambient Sound Survey

Start	Start	RP4A: Pennar Point		RP3: Lambeeth Farm		Wind	Rain	Start	RP2A: Greenhill Farm		Wind	Rain
Date	Time	LAeq	LAF90.0	LAeq	LAF90.0	Speed m/s	mm	Date	LAeq	LAF90.0	Speed m/s	mm
11/07/23	12:00	51.4	43.2			3.6	0.2	19/06/23	47.5	38.5	4	0
11/07/23	12:15	51.0	44.2			3.1	0.2	19/06/23	42.7	37.7	4.9	0
11/07/23	12:30	53.0	45.1	50.1	46.1	3.1	0.4	19/06/23	44.7	39.5	4.5	0
11/07/23	12:45	49.1	41.5	47.4	39.0	2.7	0	19/06/23	45.0	40.5	4.5	0
11/07/23	13:00	51.5	43.9	52.3	44.0	2.7	0.4	19/06/23	45.3	38.3	4.5	0
11/07/23	13:15	55.0	44.9	47.3	40.9	2.7	0	19/06/23	43.4	37.5	4	0
11/07/23	13:30	52.9	43.9	49.4	36.1	2.7	0.2	19/06/23	43.5	38.1	4	0
11/07/23	13:45	50.0	41.7	46.4	39.5	1.8	0	19/06/23	43.9	37.5	4.5	0
11/07/23	14:00	49.9	41.2	38.9	33.1	2.7	0.2	19/06/23	43.5	36.6	4	0
11/07/23	14:15	52.1	42.2	45.5	34.6	3.1	0	19/06/23	43.1	37.6	4	0
11/07/23	14:30	51.2	41.8	41.5	33.7	3.1	0	19/06/23	42.5	37.3	4	0
11/07/23	14:45	52.2	43.3	37.8	33.2	3.1	0	19/06/23	42.4	36.5	4	0
11/07/23	15:00	50.5	41.4	37.5	33.4	3.6	0	19/06/23	40.5	35.9	4	0
11/07/23	15:15	43.0	39.7	38.4	32.7	3.1	0	19/06/23	39.2	35.2	3.6	0
11/07/23	15:30	46.4	40.7	44.0	34.8	3.1	0	19/06/23	40.1	35.2	3.6	0
11/07/23	15:45	46.4	40.9	42.6	36.0	3.6	0	19/06/23	40.2	36.2	3.1	0
11/07/23	16:00	45.0	40.3	46.3	34.5	3.6	0	19/06/23	40.2	36.3	3.1	0
11/07/23	16:15	45.0	41.2	39.4	33.7	3.6	0	19/06/23	40.9	35.4	3.1	0
11/07/23	16:30	44.5	40.6	39.6	35.2	4	0	19/06/23	45.2	34.6	2.7	0
11/07/23	16:45	46.3	41.0	41.6	35.7	3.6	0	19/06/23	41.8	34.7	3.1	0
11/07/23	17:00	45.5	40.9	41.5	36.1	3.6	0	19/06/23	43.4	35.6	2.7	0
11/07/23	17:15	46.7	40.6	41.4	34.9	3.6	0	19/06/23	37.4	34.3	2.7	0
11/07/23	17:30	50.1	41.8	41.4	37.5	4	0	19/06/23	41.3	35.1	3.1	0
11/07/23	17:45	50.5	42.6	45.4	38.0	4.5	0	19/06/23	38.8	34.1	2.7	0
11/07/23	18:00	47.8	41.7	46.9	34.7	3.6	0	19/06/23	41.0	34.8	2.7	0
11/07/23	18:15	46.4	41.0	40.7	34.3	3.1	0	19/06/23	40.6	35.2	2.7	0
11/07/23	18:30	46.1	40.8	39.6	33.6	3.1	0	19/06/23	46.7	35.7	3.1	0
11/07/23	18:45	47.3	41.5	40.6	33.3	3.6	0	19/06/23	43.2	34.6	2.7	0
11/07/23	19:00	45.5	40.8	45.3	34.0	3.6	0	19/06/23	44.0	34.3	2.7	0
11/07/23	19:15	44.0	40.2	48.1	34.3	3.1	0	19/06/23	44.5	34.1	2.2	0
11/07/23	19:30	44.0	40.6	40.8	34.2	2.7	0	19/06/23	45.2	35.0	2.2	0
11/07/23	19:45	47.1	40.6	48.4	35.2	2.7	0	19/06/23	38.7	33.2	1.8	0
11/07/23	20:00	46.2	41.7	49.1	35.9	3.6	0	19/06/23	46.2	34.2	1.3	0
11/07/23	20:15	46.7	42.4	38.7	35.6	4	0	19/06/23	45.4	34.3	1.3	0
11/07/23	20:30	48.3	43.5	40.8	36.5	4.9	0	19/06/23	36.8	34.7	0.4	0
11/07/23	20:45	46.5	42.5	46.2	37.4	4.5	0	19/06/23	38.9	34.7	0.4	0
11/07/23	21:00	44.5	41.7	41.3	35.9	3.1	0	19/06/23	39.2	34.1	0	0
11/07/23	21:15	45.6	42.0	37.9	34.7	3.6	0	19/06/23	41.8	34.6	0	0
11/07/23	21:30	44.8	42.0	36.9	34.7	3.6	0	19/06/23	37.4	35.9	0	0
11/07/23	21:45	43.7	40.9	36.7	35.4	2.7	0	19/06/23	41.9	37.2	0	0
11/07/23	22:00	42.6	40.7	39.2	35.1	2.7	0	19/06/23	41.1	34.9	0	0
11/07/23	22:15	42.2	40.7	39.5	36.0	1.8	0	19/06/23	35.0	33.6	0	0
11/07/23	22:30	41.9	40.3	37.0	35.3	1.8	0	19/06/23	37.1	36.3	0	0
11/07/23	22:45	43.6	42.1	39.3	36.1	1.3	0	19/06/23	37.4	36.7	0	0
11/07/23	23:00	43.3	41.9	39.5	35.8	1.8	0	19/06/23	37.1	35.4	0	0
11/07/23	23:15	43.4	41.5	40.6	35.4	1.8	0	19/06/23	36.4	35.1	0.4	0
11/07/23	23:30	44.0	41.6	42.3	37.3	2.2	0	19/06/23	35.6	34.3	0	0
11/07/23	23:45	43.0	41.3	42.3	36.1	2.2	0	19/06/23	35.4	34.1	0	0

Start	Start	RP4A: Pennar Point		RP3: Lambeeth Farm		Wind	Rain	Start	RP2A: Greenhill Farm		Wind	Rain
Date	Time	LAeq	LAF90.0	LAeq	LAF90.0	Speed m/s	mm	Date	LAeq	LAF90.0	Speed m/s	mm
12/07/23	00:00	43.6	41.3	41.4	35.2	2.2	0	20/06/23	34.6	33.7	0	0
12/07/23	00:15	43.0	40.9	42.5	35.9	2.7	0	20/06/23	34.8	34.2	0	0
12/07/23	00:30	44.8	42.6	39.6	35.3	3.1	0	20/06/23	37.7	35.5	0	0
12/07/23	00:45	44.0	41.8	41.8	35.6	2.7	0	20/06/23	39.1	38.1	0	0
12/07/23	01:00	43.4	41.5	37.8	34.9	2.7	0	20/06/23	38.2	37.6	0.4	0
12/07/23	01:15	43.7	41.6	36.1	34.7	3.1	0	20/06/23	38.5	37.2	0	0
12/07/23	01:30	44.1	41.6	37.0	35.0	2.7	0	20/06/23	37.4	36.7	0	0
12/07/23	01:45	44.7	41.8	36.5	35.1	3.6	0	20/06/23	36.0	35.3	0	0
12/07/23	02:00	44.1	41.4	36.9	35.2	2.7	0	20/06/23	35.3	34.5	0	0
12/07/23	02:15	44.9	41.6	36.3	34.5	3.6	0	20/06/23	35.1	34.5	0	0
12/07/23	02:30	45.3	41.8	37.1	35.5	3.1	0	20/06/23	37.5	35.5	0	0
12/07/23	02:45	45.7	42.2	36.6	35.2	2.7	0	20/06/23	37.7	37.1	0	0
12/07/23	03:00	45.3	42.4	36.1	34.9	2.2	0	20/06/23	37.2	35.5	0	0
12/07/23	03:15	45.0	42.1	36.0	34.8	2.7	0	20/06/23	35.7	34.6	0	0
12/07/23	03:30	44.1	42.5	36.0	34.9	3.1	0	20/06/23	36.0	34.9	0.9	0
12/07/23	03:45	46.1	42.9	36.2	35.1	3.6	0	20/06/23	33.8	32.6	0	0
12/07/23	04:00	49.0	43.2	36.4	35.0	3.1	0	20/06/23	34.0	32.6	0	0
12/07/23	04:15	46.0	43.1	36.5	35.3	3.6	0	20/06/23	36.3	34.9	0	0
12/07/23	04:30	50.0	43.9	36.0	34.6	2.2	0	20/06/23	50.3	35.1	0.4	0
12/07/23	04:45	51.9	44.7	40.3	34.9	2.7	0	20/06/23	57.5	41.9	1.8	0
12/07/23	05:00	53.0	45.5	44.6	36.4	3.1	0	20/06/23	52.9	43.3	1.8	0
12/07/23	05:15	55.0	46.5	42.4	38.2	3.6	0	20/06/23	46.8	42.4	0	0
12/07/23	05:30	53.7	45.5	42.4	38.1	3.6	0	20/06/23	44.3	39.8	0.9	0
12/07/23	05:45	55.1	46.3	45.9	37.9	3.6	0	20/06/23	50.5	41.0	1.3	0
12/07/23	06:00	51.8	44.3	44.0	37.4	3.6	0	20/06/23	51.4	40.8	1.3	0
12/07/23	06:15	50.3	43.4	40.8	37.0	3.6	0	20/06/23	45.2	39.9	0.9	0
12/07/23	06:30	45.9	42.2	43.8	36.6	3.1	0	20/06/23	47.8	40.4	0.9	0
12/07/23	06:45	45.2	42.3	45.7	36.5	3.1	0	20/06/23	45.5	39.7	0	0
12/07/23	07:00	46.4	42.5	42.6	36.9	3.1	0	20/06/23	45.0	38.6	0	0
12/07/23	07:15	45.9	42.2	41.2	37.0	3.6	0	20/06/23	46.0	39.1	0	0
12/07/23	07:30	46.7	42.2	41.0	37.5	3.6	0	20/06/23	50.5	39.1	0	0
12/07/23	07:45	53.2	45.3	42.3	37.6	3.6	0	20/06/23	49.6	38.8	0	0
12/07/23	08:00	52.4	43.8	42.2	39.2	3.1	0	20/06/23	52.3	39.3	0	0
12/07/23	08:15	49.3	43.2	43.0	38.6	4	0	20/06/23	51.2	37.6	0	0
12/07/23	08:30	49.8	41.6	41.3	37.8	4	0	20/06/23	51.3	38.7	0	0
12/07/23	08:45	48.4	42.8	45.3	37.8	3.1	0	20/06/23	47.4	37.8	0	0
12/07/23	09:00	46.7	41.5	42.2	37.7	4	0	20/06/23	43.8	36.7	0	0
12/07/23	09:15	51.2	41.9	42.9	38.4	4	0	20/06/23	43.7	37.0	0.9	0
12/07/23	09:30	50.4	42.7	46.0	38.4	4.5	0	20/06/23	51.0	37.9	0.4	0
12/07/23	09:45	53.4	42.3	42.6	37.5	4	0	20/06/23	49.3	36.8	0.9	0
12/07/23	10:00	55.3	46.4	44.2	39.4	4.9	0	20/06/23	52.2	38.1	0.4	0
12/07/23	10:15	53.8	44.5	45.0	38.9	4.5	0	20/06/23	48.7	36.7	1.3	0
12/07/23	10:30	53.6	44.1	44.0	39.5	4.5	0	20/06/23	45.1	36.6	0.9	0
12/07/23	10:45	54.6	46.4	44.2	38.9	4.5	0	20/06/23	48.6	37.3	0.4	0
12/07/23	11:00	56.6	47.8	44.1	39.2	4	0	20/06/23	51.2	35.7	0.9	0
12/07/23	11:15	56.1	46.0	46.5	42.5	4.9	0	20/06/23	40.6	34.5	1.8	0
12/07/23	11:30	56.5	45.6	46.1	42.6	5.4	0	20/06/23	44.5	35.5	2.7	0
12/07/23	11:45	56.8	47.7	46.7	43.1	5.4	0	20/06/23	43.6	35.8	2.7	0

Start	Start	RP4A: Pennar Point		RP3: Lambeeth Farm		Wind	Rain	Start	RP2A: Greenhill Farm		Wind	Rain
Date	Time	LAeq	LAF90.0	LAeq	LAF90.0	Speed m/s	mm	Date	LAeq	LAF90.0	Speed m/s	mm
12/07/23	12:00	55.7	47.5	44.3	38.5	4.5	0	20/06/23	44.8	36.0	2.7	0
12/07/23	12:15	54.5	45.7	44.0	39.4	4	0	20/06/23	45.2	36.0	2.7	0
12/07/23	12:30	55.5	45.6	44.2	39.3	4.9	0	20/06/23	44.1	36.5	2.7	0
12/07/23	12:45	55.5	46.5	44.7	41.3	4.9	0	20/06/23	43.0	36.1	3.1	0
12/07/23	13:00	56.4	47.9	46.6	43.1	4.9	0	20/06/23	41.3	36.2	3.1	0
12/07/23	13:15	53.2	43.4	46.3	41.0	3.6	0	20/06/23	40.1	36.0	2.7	0
12/07/23	13:30	49.4	42.1	44.7	40.0	4.5	0	20/06/23	41.1	35.9	3.1	0
12/07/23	13:45	54.3	43.9	43.8	40.3	4.5	0	20/06/23	39.7	35.7	3.1	0
12/07/23	14:00	51.6	43.5	45.6	41.4	4.9	0	20/06/23	40.6	35.5	2.7	0
12/07/23	14:15	52.4	43.9	43.8	40.0	4.9	0	20/06/23	40.7	35.7	3.1	0
12/07/23	14:30	53.0	43.8	43.3	37.8	4.9	0	20/06/23	39.9	35.5	2.7	0
12/07/23	14:45	55.9	47.5	47.1	39.7	4.9	0	20/06/23	45.0	35.9	2.7	0
12/07/23	15:00	55.4	46.6	43.3	39.6	4.9	0	20/06/23	44.5	36.4	2.7	0
12/07/23	15:15	55.1	46.8	42.6	38.9	4.5	0	20/06/23	41.0	36.4	3.1	0
12/07/23	15:30	55.4	46.7	44.4	38.6	4.5	0	20/06/23	39.1	35.4	3.1	0
12/07/23	15:45	56.9	45.8	43.5	39.8	4.5	0	20/06/23	43.4	36.6	3.1	0
12/07/23	16:00	52.8	44.6	46.3	39.4	4.9	0	20/06/23	46.1	35.4	2.7	0
12/07/23	16:15	54.0	45.7	45.3	38.8	4.5	0	20/06/23	49.6	36.8	2.2	0
12/07/23	16:30	54.5	45.0	45.1	39.4	4.5	0	20/06/23	47.8	37.6	2.7	0
12/07/23	16:45	54.5	46.4	43.1	37.1	4.5	0	20/06/23	48.1	35.3	2.2	0
12/07/23	17:00	56.5	48.0	40.9	37.2	4.9	0	20/06/23	45.9	34.7	2.2	0
12/07/23	17:15	54.0	46.7	40.5	37.5	4	0	20/06/23	44.2	35.5	1.8	0
12/07/23	17:30	54.6	46.0	46.3	38.1	4	0	20/06/23	44.0	36.0	1.8	0
12/07/23	17:45	54.9	45.4	41.2	38.6	4	0	20/06/23	43.2	35.4	2.7	0
12/07/23	18:00	55.8	46.8	42.5	39.6	4	0	20/06/23	49.3	36.0	2.2	0
12/07/23	18:15	53.7	45.6	44.0	38.7	4	0	20/06/23	49.8	37.7	2.2	0
12/07/23	18:30	51.4	43.1	44.7	38.4	3.6	0	20/06/23	47.6	34.8	1.8	0
12/07/23	18:45	52.5	44.5	44.4	38.2	4.5	0	20/06/23	40.1	35.1	1.8	0
12/07/23	19:00	53.0	44.6	40.4	36.9	3.6	0	20/06/23	40.4	34.2	1.8	0
12/07/23	19:15	51.3	43.6	44.3	37.4	3.1	0	20/06/23	43.9	34.7	2.2	0
12/07/23	19:30	54.0	45.9	44.9	37.4	3.1	0	20/06/23	49.6	33.9	2.2	0
12/07/23	19:45	51.9	43.8	42.4	37.3	3.1	0	20/06/23	49.3	35.0	2.2	0
12/07/23	20:00	50.2	43.4	41.3	37.1	3.1	0	20/06/23	44.9	34.4	2.7	0
12/07/23	20:15	51.2	43.7	39.6	36.1	3.1	0	20/06/23	37.9	34.1	2.7	0
12/07/23	20:30	49.5	43.5	43.7	35.3	2.7	0	20/06/23	40.7	33.9	1.8	0
12/07/23	20:45	49.3	42.9	41.7	35.3	2.7	0	20/06/23	42.1	35.0	1.8	0
12/07/23	21:00	50.6	43.7	40.3	36.3	2.7	0	20/06/23	41.7	34.3	1.3	0
12/07/23	21:15	49.6	43.2	41.2	36.4	2.7	0	20/06/23	42.8	33.1	0.9	0
12/07/23	21:30	50.7	43.9	40.5	37.1	2.7	0	20/06/23	39.1	33.2	0.4	0
12/07/23	21:45	50.2	43.1	38.4	37.4	2.2	0	20/06/23	43.2	32.4	0.4	0
12/07/23	22:00	49.9	43.5	38.0	36.9	2.7	0	20/06/23	43.8	31.7	0.4	0
12/07/23	22:15	48.3	42.2	37.9	36.8	2.2	0	20/06/23	33.3	32.0	0	0
12/07/23	22:30	49.5	42.7	37.7	36.8	2.7	0	20/06/23	32.8	31.4	0	0
12/07/23	22:45	50.6	43.2	38.5	37.5	2.7	0	20/06/23	36.3	30.8	0	0
12/07/23	23:00	50.1	43.1	38.9	37.8	2.7	0	20/06/23	33.1	32.1	0	0
12/07/23	23:15	52.2	44.0	39.0	37.9	2.7	0	20/06/23	32.8	31.5	0	0
12/07/23	23:30	50.8	42.7	38.9	37.9	3.1	0	20/06/23	32.3	31.2	0	0
12/07/23	23:45	52.4	44.0	38.5	37.3	3.1	0	20/06/23	32.6	31.8	0	0

Start	Start	RP4A: Pennar Point		RP3: Lambeeth Farm		Wind	Rain	Start	RP2A: Greenhill Farm		Wind	Rain
Date	Time	LAeq	LAF90.0	LAeq	LAF90.0	Speed m/s	mm	Date	LAeq	LAF90.0	Speed m/s	mm
13/07/23	00:00	50.7	43.3	38.5	37.4	3.1	0	21/06/23	32.3	31.3	0	0
13/07/23	00:15	45.5	41.7	38.6	37.5	3.6	0	21/06/23	33.6	32.7	0	0
13/07/23	00:30	46.4	42.1	38.4	37.3	3.6	0	21/06/23	40.6	32.8	0	0
13/07/23	00:45	45.8	41.3	38.2	37.2	3.1	0	21/06/23	33.3	32.5	0	0
13/07/23	01:00	45.0	41.2	37.6	36.0	3.1	0	21/06/23	32.9	32.0	0	0
13/07/23	01:15	44.7	40.5	37.2	35.9	2.7	0	21/06/23	33.0	32.2	0	0
13/07/23	01:30	44.5	40.4	36.8	34.9	2.7	0	21/06/23	34.3	32.8	0	0
13/07/23	01:45	44.4	40.1	40.7	36.8	2.2	0	21/06/23	35.4	34.1	0	0
13/07/23	02:00	43.7	40.1	39.7	35.1	2.7	0	21/06/23	33.2	32.2	0	0
13/07/23	02:15	41.9	39.8	36.0	34.6	2.7	0	21/06/23	33.8	32.6	0	0
13/07/23	02:30	42.4	40.1	35.7	34.5	2.7	0	21/06/23	33.8	32.7	0	0
13/07/23	02:45	43.2	41.0	35.7	34.4	2.7	0	21/06/23	33.4	32.2	0	0
13/07/23	03:00	43.3	40.6	36.0	34.7	2.2	0	21/06/23	34.9	32.8	0	0
13/07/23	03:15	43.4	40.1	35.7	34.5	2.7	0	21/06/23	35.1	33.6	0	0
13/07/23	03:30	48.4	41.3	35.8	34.5	2.2	0	21/06/23	35.5	33.1	0	0
13/07/23	03:45	46.6	41.0	35.6	34.5	2.7	0	21/06/23	34.5	33.8	0	0
13/07/23	04:00	43.1	40.4	35.8	34.5	2.7	0	21/06/23	36.9	33.6	0	0
13/07/23	04:15	44.3	39.9	35.8	34.5	2.7	0	21/06/23	44.9	33.5	0	0
13/07/23	04:30	42.9	39.9	35.5	34.2	2.7	0	21/06/23	51.0	38.8	0	0
13/07/23	04:45	42.1	39.2	35.9	34.4	2.2	0	21/06/23	50.4	39.8	0	0
13/07/23	05:00	41.8	39.1	37.0	35.0	2.2	0	21/06/23	47.7	40.2	0	0
13/07/23	05:15	43.6	39.8	38.5	35.4	2.7	0	21/06/23	45.9	39.4	0	0
13/07/23	05:30	42.8	40.5	42.1	37.1	2.2	0	21/06/23	47.0	37.5	0	0
13/07/23	05:45	42.6	40.2	44.6	37.5	2.7	0	21/06/23	42.9	37.7	0	0
13/07/23	06:00	43.3	40.5	47.3	37.7	2.2	0	21/06/23	44.3	38.6	0	0
13/07/23	06:15	44.6	40.5	48.9	39.3	2.2	0	21/06/23	42.8	37.6	0.4	0
13/07/23	06:30	43.9	40.0	44.9	37.0	2.2	0	21/06/23	43.3	36.7	0.4	0
13/07/23	06:45	45.9	40.2	44.2	36.4	2.2	0	21/06/23	47.1	37.0	0.4	0
13/07/23	07:00	44.4	40.1	43.5	35.8	2.2	0	21/06/23	52.1	38.9	0	0
13/07/23	07:15	46.0	40.8	46.4	36.3	2.2	0	21/06/23	46.7	38.8	0.4	0
13/07/23	07:30	41.8	39.4	42.0	35.1	2.2	0	21/06/23	45.5	37.2	0.4	0
13/07/23	07:45	41.0	38.7	42.8	34.7	2.2	0	21/06/23	48.9	36.5	1.3	0
13/07/23	08:00	39.8	38.2	42.7	33.2	1.8	0	21/06/23	46.0	35.7	1.3	0
13/07/23	08:15	40.3	37.7	41.0	32.3	1.8	0	21/06/23	51.5	34.1	1.8	0
13/07/23	08:30	40.3	37.8	39.1	30.9	1.8	0	21/06/23	50.5	35.5	1.8	0
13/07/23	08:45	41.9	38.5	40.0	31.7	2.2	0	21/06/23	54.1	36.9	1.3	0
13/07/23	09:00	49.5	40.9	42.2	34.5	2.7	0	21/06/23	55.8	35.2	1.8	0
13/07/23	09:15	48.1	41.9	42.1	35.4	2.7	0	21/06/23	55.8	37.3	1.8	0
13/07/23	09:30	47.7	40.7	44.6	36.9	3.1	0	21/06/23	55.8	38.5	1.8	0
13/07/23	09:45	42.8	39.8	43.3	33.8	3.1	0	21/06/23	46.3	37.2	1.8	0
13/07/23	10:00	42.5	39.7	41.4	33.9	3.1	0	21/06/23	49.3	36.9	2.2	0
13/07/23	10:15	48.3	40.3	38.5	32.1	2.2	0	21/06/23	55.8	36.6	2.2	0
13/07/23	10:30	47.1	39.8	47.4	34.8	2.7	0	21/06/23	47.4	35.8	2.2	0
13/07/23	10:45	43.8	39.8	48.1	35.3	3.1	0	21/06/23	55.0	37.3	2.2	0
13/07/23	11:00	43.3	39.3	41.6	35.3	3.6	0	21/06/23	49.6	36.1	2.2	0
13/07/23	11:15	45.6	40.6	45.5	35.3	3.1	0	21/06/23	43.0	35.6	2.2	0
13/07/23	11:30	47.9	41.6	40.1	36.0	4	0	21/06/23	45.0	35.5	2.2	0
13/07/23	11:45	47.7	41.6	44.0	36.6	4	0	21/06/23	45.0	37.9	2.2	0

Start	Start	RP4A: Pennar Point		RP3: Lambeeth Farm		Wind	Rain	Start	RP2A: Greenhill Farm		Wind	Rain
Date	Time	LAeq	LAF90.0	LAeq	LAF90.0	Speed m/s	mm	Date	LAeq	LAF90.0	Speed m/s	mm
13/07/23	12:00	48.1	40.8	43.3	36.8	4	0	21/06/23	45.8	36.4	1.8	0
13/07/23	12:15	44.9	41.2	45.1	36.4	4.5	0	21/06/23	49.9	34.5	2.2	0
13/07/23	12:30	46.7	40.4	45.7	37.9	3.6	0	21/06/23	44.2	37.1	2.2	0
13/07/23	12:45	45.0	40.0	42.5	37.8	3.6	0	21/06/23	47.3	35.8	2.2	0
13/07/23	13:00	52.4	42.2	43.7	37.5	4.5	0	21/06/23	47.6	37.4	2.2	0
13/07/23	13:15	52.3	44.1	39.6	36.1	4	0	21/06/23	42.0	37.0	2.2	0
13/07/23	13:30	51.6	42.9	47.5	36.4	4.5	0	21/06/23	47.0	36.1	2.2	0
13/07/23	13:45	53.5	46.2	45.6	36.9	4	0	21/06/23	44.9	36.3	2.7	0
13/07/23	14:00	55.7	44.1	45.2	38.6	4	0	21/06/23	48.8	37.4	2.7	0
13/07/23	14:15	53.6	45.5	42.5	37.7	4	0	21/06/23	43.3	38.2	2.7	0
13/07/23	14:30	50.7	43.9	49.0	37.7	4	0	21/06/23	45.1	36.9	2.7	0
13/07/23	14:45	50.2	42.8	44.9	35.1	3.6	0	21/06/23	47.5	35.8	2.7	0
13/07/23	15:00	52.0	43.8	39.0	34.6	3.6	0	21/06/23	46.0	37.4	2.7	0
13/07/23	15:15	52.2	44.5	41.0	34.7	4	0	21/06/23	45.2	36.3	2.7	0
13/07/23	15:30	53.5	45.0	41.2	35.5	4	0	21/06/23	44.1	35.9	2.7	0
13/07/23	15:45	52.0	45.2	41.5	34.9	4	0	21/06/23	45.1	37.0	2.7	0
13/07/23	16:00	53.3	46.4	41.3	35.2	3.6	0	21/06/23	48.1	38.5	2.7	0
13/07/23	16:15	52.0	44.8	45.6	36.5	3.1	0	21/06/23	43.2	35.4	2.7	0
13/07/23	16:30	54.6	47.0	39.8	35.4	4	0	21/06/23	42.7	37.1	2.7	0
13/07/23	16:45	53.0	45.4	39.8	35.7	3.6	0	21/06/23	46.2	38.0	2.7	0
13/07/23	17:00	50.5	44.0	47.7	37.7	3.6	0	21/06/23	42.7	38.1	3.1	0
13/07/23	17:15	52.4	44.9	43.7	35.0	3.6	0	21/06/23	42.2	35.5	3.1	0
13/07/23	17:30	51.5	43.1	43.4	36.2	3.1	0	21/06/23	45.4	37.0	2.7	0
13/07/23	17:45	52.7	44.9	41.6	34.7	3.6	0	21/06/23	41.6	36.0	2.7	0
13/07/23	18:00	53.8	44.2	40.2	35.7	3.1	0	21/06/23	42.2	35.4	2.7	0
13/07/23	18:15	56.2	46.8	43.1	36.3	3.1	0	21/06/23	43.2	37.5	2.2	0
13/07/23	18:30	57.6	47.9	43.5	37.3	3.1	0	21/06/23	42.4	35.8	2.2	0
13/07/23	18:45	55.3	46.1	45.6	37.7	3.1	0	21/06/23	40.8	34.2	2.2	0
13/07/23	19:00	52.0	44.2	43.0	34.6	2.7	0	21/06/23	42.3	35.1	2.2	0
13/07/23	19:15	51.7	43.4	50.5	35.7	2.7	0	21/06/23	41.5	34.4	2.2	0
13/07/23	19:30	47.9	41.2	49.1	38.2	2.2	0	21/06/23	38.9	33.9	1.8	0
13/07/23	19:45	46.5	40.8	46.4	37.1	1.8	0	21/06/23	44.4	34.2	1.8	0
13/07/23	20:00	48.1	40.6	52.0	36.6	1.8	0	21/06/23	47.9	35.4	1.8	0
13/07/23	20:15	48.4	42.0	51.1	36.8	1.3	0	21/06/23	46.9	35.3	1.8	0
13/07/23	20:30	47.2	41.7	39.8	36.9	1.8	0	21/06/23	38.4	34.2	1.8	0
13/07/23	20:45	46.2	41.0	38.6	36.1	1.8	0	21/06/23	39.7	35.4	1.3	0
13/07/23	21:00	44.6	41.2	37.6	36.2	0.9	0	21/06/23	37.8	34.6	0.9	0
13/07/23	21:15	43.7	40.9	39.2	36.5	0.4	0	21/06/23	45.0	34.5	0	0
13/07/23	21:30	44.7	41.4	38.9	36.8	0.9	0	21/06/23	42.5	35.1	0	0
13/07/23	21:45	45.3	41.3	40.4	37.8	0.9	0	21/06/23	43.8	36.3	0	0
13/07/23	22:00	44.4	41.7	41.6	40.7	0.9	0	21/06/23	46.2	36.6	0	0
13/07/23	22:15	45.2	42.2	41.9	40.8	0.9	0	21/06/23	41.4	36.2	0	0
13/07/23	22:30	49.1	43.0	42.5	41.4	1.8	0	21/06/23	37.6	36.7	0	0
13/07/23	22:45	53.8	45.3	42.3	41.3	2.2	0	21/06/23	37.2	36.0	0	0
13/07/23	23:00	50.4	43.3	41.7	40.7	1.8	0	21/06/23	38.2	37.3	0	0
13/07/23	23:15	48.1	42.1	42.1	41.3	1.3	0	21/06/23	37.6	37.0	0	0
13/07/23	23:30	46.0	41.9	42.5	41.7	0.9	0	21/06/23	38.1	37.3	0	0
13/07/23	23:45	43.7	41.5	42.4	41.6	0	0	21/06/23	38.2	37.3	0	0

Start	Start	RP4A: Pennar Point		RP3: Lambeeth Farm		Wind	Rain	Start	RP2A: Greenhill Farm		Wind	Rain
Date	Time	LAeq	LAF90.0	LAeq	LAF90.0	Speed m/s	mm	Date	LAeq	LAF90.0	Speed m/s	mm
14/07/23	00:00	45.3	41.7	42.4	41.6	0.9	0	22/06/23	38.0	37.4	0	0
14/07/23	00:15	46.1	42.3	42.3	41.5	0.9	0	22/06/23	38.8	38.2	0	0
14/07/23	00:30	46.8	42.4	42.5	41.6	0.9	0	22/06/23	38.7	38.1	0	0
14/07/23	00:45	50.2	41.2	53.4	41.7	0.9	1.4	22/06/23	38.8	37.9	0	0
14/07/23	01:00	56.1	43.5	48.9	43.2	1.3	0	22/06/23	38.7	38.0	0	0
14/07/23	01:15	59.1	49.8	41.5	39.4	1.8	0	22/06/23	40.6	38.2	0	0
14/07/23	01:30	56.6	45.7	39.1	37.3	1.8	0	22/06/23	40.3	39.0	0	0
14/07/23	01:45	54.3	44.0	37.8	36.3	1.3	0	22/06/23	40.4	39.7	0	0
14/07/23	02:00	53.1	42.3	36.5	35.1	0.9	0	22/06/23	40.0	39.4	0	0
14/07/23	02:15	55.5	43.8	36.4	35.0	1.3	0	22/06/23	40.4	39.8	0	0
14/07/23	02:30	54.6	43.3	36.1	34.8	1.3	0	22/06/23	40.1	39.0	0	0
14/07/23	02:45	56.0	43.6	35.7	34.3	1.3	0	22/06/23	39.9	39.2	0	0
14/07/23	03:00	56.7	46.4	35.4	34.0	1.3	0	22/06/23	41.1	39.4	0	0
14/07/23	03:15	57.9	46.9	35.5	34.1	1.8	0	22/06/23	39.9	38.9	0	0
14/07/23	03:30	61.5	48.6	55.9	36.6	2.7	1.2	22/06/23	40.9	39.9	0	0
14/07/23	03:45	61.3	51.1	50.1	48.5	2.2	0.4	22/06/23	39.7	38.7	0	0
14/07/23	04:00	59.0	48.5	53.1	52.0	1.3	0.6	22/06/23	39.7	38.0	0	0
14/07/23	04:15	53.7	44.3	55.0	51.7	1.3	1.2	22/06/23	50.1	41.9	0	0
14/07/23	04:30	55.1	42.6	51.3	50.0	1.8	0.4	22/06/23	51.1	42.9	0	0
14/07/23	04:45	53.8	42.8	52.5	51.3	2.7	0.6	22/06/23	48.0	42.6	0	0
14/07/23	05:00	48.9	41.5	51.6	50.3	3.1	0.4	22/06/23	49.3	43.5	0	0
14/07/23	05:15	44.9	39.3	52.0	49.6	2.2	0.4	22/06/23	50.9	41.6	0	0
14/07/23	05:30	44.5	39.1	50.5	49.0	2.7	0.2	22/06/23	53.3	41.9	0	0
14/07/23	05:45	44.0	40.3	51.1	49.7	3.6	0.4	22/06/23	55.6	41.7	0	0
14/07/23	06:00	46.7	41.6	52.4	51.2	3.6	0.8	22/06/23	56.2	42.0	0	0
14/07/23	06:15	49.9	43.7	53.3	51.8	4.9	0.8	22/06/23	55.5	41.5	0	0
14/07/23	06:30	51.7	43.1	52.2	50.2	5.4	0.4	22/06/23	56.1	40.1	0	0
14/07/23	06:45	51.9	42.3	54.0	51.2	4	0.6	22/06/23	57.7	40.5	0	0
14/07/23	07:00	53.5	43.8	54.8	52.1	4	1.6	22/06/23	52.9	40.1	0	0
14/07/23	07:15	55.7	43.8	53.1	51.2	4	0.6	22/06/23	47.3	38.8	0	0
14/07/23	07:30	56.8	45.3	53.5	50.5	4	0.6	22/06/23	47.5	39.4	0	0
14/07/23	07:45	56.5	43.9	50.8	48.8	4	0.2	22/06/23	50.1	39.4	0	0
14/07/23	08:00	57.0	44.1	49.4	45.7	4.5	0.2	22/06/23	49.5	38.2	0	0
14/07/23	08:15	55.0	44.5	52.7	49.1	4.5	0.8	22/06/23	48.4	37.9	0	0
14/07/23	08:30	51.4	44.5	53.5	50.9	5.4	0.6	22/06/23	53.2	37.9	0	0
14/07/23	08:45	49.5	43.7	50.5	48.1	5.8	0.4	22/06/23	54.5	37.1	0	0
14/07/23	09:00	51.9	43.7	50.6	46.8	6.3	0.2	22/06/23	56.7	37.7	0	0
14/07/23	09:15	53.4	43.8	50.7	47.4	6.7	0.2	22/06/23	42.3	37.4	0	0
14/07/23	09:30	53.4	43.9	50.7	46.2	7.2	0.2	22/06/23	51.6	37.0	0.4	0
14/07/23	09:45	53.8	44.3	49.2	44.9	6.7	0	22/06/23	52.1	36.7	0.9	0
14/07/23	10:00	58.5	46.5	51.3	47.5	7.2	0.4	22/06/23	44.0	36.3	0.4	0
14/07/23	10:15	53.1	46.3	51.5	49.6	7.6	0.6	22/06/23	51.3	36.0	0.9	0
14/07/23	10:30	55.3	47.0	53.4	51.4	7.6	1.2	22/06/23	46.1	35.4	0.9	0
14/07/23	10:45	56.3	48.5	55.3	53.4	8	1.8	22/06/23	60.4	36.1	1.3	0
14/07/23	11:00	60.2	47.3	54.2	50.7	7.6	0.6	22/06/23	52.5	35.6	0.9	0
14/07/23	11:15	62.2	48.4	54.5	50.8	7.6	0.6	22/06/23	40.5	35.2	0.9	0
14/07/23	11:30	63.3	47.8	54.3	51.1	7.6	0.4	22/06/23	50.6	36.5	1.3	0
14/07/23	11:45	60.0	49.0	54.4	50.8	8.5	0.6	22/06/23	43.0	35.5	1.3	0

Start	Start	RP4A: Pennar Point		RP3: Lambeeth Farm		Wind	Rain	Start	RP2A: Greenhill Farm		Wind	Rain
Date	Time	LAeq	LAF90.0	LAeq	LAF90.0	Speed m/s	mm	Date	LAeq	LAF90.0	Speed m/s	mm
14/07/23	12:00	61.6	48.5	54.7	51.4	7.6	0.4	22/06/23	44.4	35.0	3.1	0
14/07/23	12:15	59.5	48.9	54.1	51.5	8	0.6	22/06/23	43.0	35.4	2.2	0
14/07/23	12:30	60.6	48.4	53.0	49.5	8	0	22/06/23	45.7	36.4	3.1	0
14/07/23	12:45	64.1	49.8	52.7	48.8	8	0	22/06/23	44.0	38.2	3.1	0
14/07/23	13:00	61.3	48.9	51.9	48.1	7.2	0.2	22/06/23	45.2	37.2	3.6	0
14/07/23	13:15	59.9	45.6	50.7	47.6	6.3	0.2	22/06/23	43.1	37.3	3.1	0
14/07/23	13:30	60.6	47.6	47.9	45.6	6.3	0	22/06/23	41.4	37.0	3.1	0
14/07/23	13:45	60.1	47.1	48.5	45.5	5.4	0.2	22/06/23	44.0	37.5	3.1	0
14/07/23	14:00	61.7	47.6	50.7	48.7	5.4	0.2	22/06/23	43.4	37.6	3.1	0
14/07/23	14:15	60.4	46.8	50.8	47.1	4.5	0.4	22/06/23	40.8	36.4	3.1	0
14/07/23	14:30	58.0	46.2	52.6	49.5	4	0.6	22/06/23	41.9	36.5	3.6	0
14/07/23	14:45	65.5	53.5	48.3	45.5	4	0.2	22/06/23	41.9	37.4	3.6	0
14/07/23	15:00	68.2	58.2	44.8	41.6	4	0	22/06/23	41.0	36.9	3.6	0
14/07/23	15:15	71.7	62.5	43.5	39.7	4.9	0	22/06/23	41.8	37.5	3.6	0
14/07/23	15:30	72.0	62.4	44.9	40.5	4.9	0	22/06/23	42.0	37.2	4	0
14/07/23	15:45	71.8	61.3	45.3	40.3	5.4	0	22/06/23	41.6	37.3	3.6	0
14/07/23	16:00	70.5	61.0	44.2	39.8	4.9	0	22/06/23	41.4	37.0	3.1	0
14/07/23	16:15	71.7	61.1	47.3	42.6	5.4	0	22/06/23	43.2	37.8	3.1	0
14/07/23	16:30	70.5	60.5	46.5	42.2	5.4	0	22/06/23	41.0	36.7	3.1	0
14/07/23	16:45	68.5	58.2	48.5	41.5	4.9	0	22/06/23	40.3	36.8	3.1	0
14/07/23	17:00	70.4	59.4	49.7	43.4	5.8	0	22/06/23	40.1	36.2	2.7	0
14/07/23	17:15	69.6	59.5	48.9	44.6	5.8	0	22/06/23	40.7	36.7	3.1	0
14/07/23	17:30	70.1	60.0	47.2	43.4	6.3	0	22/06/23	42.7	37.3	3.6	0
14/07/23	17:45	70.3	59.8	49.1	43.9	6.3	0	22/06/23	45.8	39.4	3.6	0
14/07/23	18:00	68.9	60.0	47.8	42.5	6.3	0	22/06/23	41.5	37.1	3.1	0
14/07/23	18:15	66.9	57.5	47.3	42.5	5.8	0	22/06/23	44.1	37.3	3.1	0
14/07/23	18:30	67.4	57.5	47.1	43.1	4.9	0	22/06/23	46.9	38.1	3.1	0
14/07/23	18:45	67.4	57.4	46.9	43.1	5.4	0	22/06/23	45.8	37.9	3.1	0
14/07/23	19:00	67.2	57.0	47.0	44.2	5.8	0	22/06/23	41.8	36.4	2.7	0
14/07/23	19:15	67.0	58.7	48.0	43.8	5.8	0	22/06/23	43.9	36.0	2.7	0
14/07/23	19:30	66.6	58.2	46.2	42.8	5.4	0	22/06/23	47.3	36.2	3.1	0
14/07/23	19:45	67.2	57.9	46.2	43.3	5.4	0	22/06/23	41.4	35.7	3.1	0
14/07/23	20:00	65.8	56.0	47.8	42.6	5.4	0	22/06/23	39.7	36.2	2.7	0
14/07/23	20:15	65.4	55.8	44.7	41.3	4.5	0	22/06/23	41.0	35.5	2.2	0
14/07/23	20:30	62.9	52.7	42.5	39.0	4.9	0	22/06/23	42.2	35.7	1.8	0
14/07/23	20:45	64.0	54.2	45.3	38.8	4.9	0	22/06/23	41.1	35.3	1.8	0
14/07/23	21:00	62.6	53.6	40.0	37.5	4	0	22/06/23	37.8	35.0	0.4	0
14/07/23	21:15	64.1	53.6	41.0	36.5	4	0	22/06/23	48.1	35.5	0	0
14/07/23	21:30	66.3	56.3	39.6	37.3	3.6	0	22/06/23	47.5	35.1	0	0
14/07/23	21:45	64.3	54.4	40.4	37.7	3.6	0.2	22/06/23	46.0	35.4	0	0
14/07/23	22:00	64.1	54.3	39.8	36.3	3.6	0	22/06/23	37.9	34.4	0	0
14/07/23	22:15	64.9	55.2	41.6	37.8	4	0	22/06/23	35.4	34.2	0	0
14/07/23	22:30	65.1	55.4	53.4	46.0	4	0.2	22/06/23	36.5	35.5	0	0
14/07/23	22:45	64.2	54.7	50.8	47.6	3.6	0.4	22/06/23	35.5	34.6	0	0
14/07/23	23:00	66.0	56.8	43.1	38.0	3.1	0	22/06/23	36.0	34.9	0	0
14/07/23	23:15	64.7	54.7	37.2	33.8	3.1	0	22/06/23	36.0	35.0	0	0
14/07/23	23:30	60.8	51.0	33.7	31.7	2.7	0	22/06/23	35.8	34.9	0	0
14/07/23	23:45	64.0	53.4	34.7	31.4	2.7	0	22/06/23	35.6	35.0	0	0

Start	Start	RP4A: Pennar Point		RP3: Lambeeth Farm		Wind	Rain	Start	RP2A: Greenhill Farm		Wind	Rain
Date	Time	LAeq	LAF90.0	LAeq	LAF90.0	Speed m/s	mm	Date	LAeq	LAF90.0	Speed m/s	mm
15/07/23	00:00	65.3	54.9	36.0	33.9	3.1	0	23/06/23	36.5	35.5	0	0
15/07/23	00:15	64.2	53.7	36.7	34.3	2.7	0	23/06/23	36.1	35.4	0	0
15/07/23	00:30	62.5	52.8	35.0	33.1	2.7	0	23/06/23	35.2	34.6	0	0
15/07/23	00:45	64.7	55.0	34.9	33.2	3.1	0	23/06/23	35.3	34.6	0	0
15/07/23	01:00	65.3	54.9	36.6	34.3	3.1	0	23/06/23	35.2	34.4	0	0
15/07/23	01:15	64.4	52.3	36.8	33.7	3.1	0	23/06/23	35.3	34.5	0	0
15/07/23	01:30	63.6	54.5	48.5	35.7	3.1	0.4	23/06/23	35.2	34.4	0	0
15/07/23	01:45	58.5	45.9	41.0	34.3	2.7	0	23/06/23	34.4	32.7	0	0
15/07/23	02:00	54.6	43.7	34.9	31.5	2.7	0	23/06/23	34.1	32.8	0	0
15/07/23	02:15	56.0	46.9	33.7	30.0	2.2	0	23/06/23	34.4	33.6	0	0
15/07/23	02:30	57.3	46.6	33.8	31.5	1.8	0	23/06/23	34.3	33.2	0	0
15/07/23	02:45	63.1	53.7	35.7	33.0	3.1	0	23/06/23	34.6	33.7	0	0
15/07/23	03:00	64.2	54.9	35.9	33.6	3.1	0	23/06/23	34.3	33.3	0	0
15/07/23	03:15	65.3	52.6	40.0	35.8	3.1	0	23/06/23	33.8	32.8	0	0
15/07/23	03:30	60.2	47.9	37.9	35.3	3.1	0	23/06/23	34.5	33.4	0	0
15/07/23	03:45	62.7	52.5	37.2	34.6	3.6	0	23/06/23	34.7	33.4	0	0
15/07/23	04:00	62.2	52.5	38.7	36.7	3.6	0	23/06/23	35.8	34.8	0	0
15/07/23	04:15	61.4	51.5	36.4	34.5	3.1	0	23/06/23	41.2	35.3	0	0
15/07/23	04:30	57.9	48.0	37.6	35.1	3.1	0	23/06/23	53.1	39.9	0	0
15/07/23	04:45	58.8	48.8	53.3	35.2	3.1	0	23/06/23	56.6	40.9	0	0
15/07/23	05:00	59.3	49.2	52.8	34.7	2.7	0	23/06/23	45.9	38.9	0	0
15/07/23	05:15	57.9	48.1	48.6	33.9	3.1	0	23/06/23	43.8	36.5	0	0
15/07/23	05:30	60.1	50.0	45.0	34.2	3.6	0	23/06/23	44.0	36.6	0	0
15/07/23	05:45	57.1	47.2	39.5	34.1	2.7	0	23/06/23	44.3	37.5	0.9	0
15/07/23	06:00	58.1	47.4	43.0	35.3	3.1	0	23/06/23	43.9	37.0	0.9	0
15/07/23	06:15	58.9	48.1	44.1	35.2	3.1	0	23/06/23	51.3	37.7	0.9	0
15/07/23	06:30	62.5	51.3	45.4	35.4	2.7	0	23/06/23	47.3	37.5	1.3	0
15/07/23	06:45	62.0	51.2	44.6	36.6	3.1	0	23/06/23	48.1	36.1	0.9	0
15/07/23	07:00	62.7	51.1	47.5	36.1	3.1	0	23/06/23	41.1	34.2	0.9	0
15/07/23	07:15	63.7	52.4	42.4	36.6	3.1	0	23/06/23	42.0	35.6	0.9	0
15/07/23	07:30	66.3	53.8	44.8	38.7	3.6	0	23/06/23	41.3	35.4	1.3	0
15/07/23	07:45	64.0	52.9	43.4	37.1	2.7	0	23/06/23	43.3	34.7	1.3	0
15/07/23	08:00	63.3	51.5	43.7	37.3	4	0	23/06/23	45.2	34.7	1.8	0
15/07/23	08:15	64.3	52.5	45.2	38.8	4.5	0	23/06/23	39.7	34.4	2.2	0
15/07/23	08:30	63.0	51.2	48.7	37.9	3.1	0	23/06/23	49.8	35.1	1.8	0
15/07/23	08:45	61.4	50.8	44.7	36.6	4	0	23/06/23	45.4	35.7	2.2	0
15/07/23	09:00	62.4	51.6	43.9	36.8	4	0	23/06/23	46.6	39.0	2.2	0
15/07/23	09:15	64.0	53.4	49.5	38.9	4.5	0	23/06/23	46.0	38.8	2.2	0
15/07/23	09:30	62.9	53.1	44.5	37.7	4.9	0	23/06/23	45.6	39.3	2.2	0
15/07/23	09:45	64.8	55.1	43.4	37.3	4.9	0	23/06/23	42.8	38.3	2.2	0
15/07/23	10:00	61.8	52.3	44.3	38.8	4.9	0	23/06/23	48.0	41.3	2.2	0
15/07/23	10:15	60.8	51.6	43.7	37.3	4.9	0	23/06/23	43.2	38.8	1.8	0
15/07/23	10:30	60.2	51.3	44.1	39.4	4.5	0	23/06/23	45.9	37.6	2.7	0
15/07/23	10:45	61.0	50.4	44.2	39.9	4.9	0	23/06/23	45.3	36.7	2.2	0
15/07/23	11:00	61.9	53.0	45.2	39.9	4.9	0	23/06/23	45.8	36.7	2.2	0
15/07/23	11:15	62.6	53.8	45.9	41.3	5.4	0	23/06/23	47.0	37.6	3.1	0
15/07/23	11:30	64.7	55.4	47.0	42.9	5.4	0	23/06/23	43.1	35.3	2.7	0
15/07/23	11:45	64.5	54.9	51.6	44.1	5.8	0	23/06/23	44.1	36.0	2.2	0

Start	Start	RP4A: Pennar Point		RP3: Lambeeth Farm		Wind	Rain	Start	RP2A: Greenhill Farm		Wind	Rain
Date	Time	LAeq	LAF90.0	LAeq	LAF90.0	Speed m/s	mm	Date	LAeq	LAF90.0	Speed m/s	mm
15/07/23	12:00	64.6	54.2	47.0	43.3	5.4	0	23/06/23	41.6	35.6	2.7	0
15/07/23	12:15	65.3	56.3	46.0	41.2	5.8	0	23/06/23	45.6	36.5	2.2	0
15/07/23	12:30	66.2	55.8	47.5	42.9	5.4	0	23/06/23	46.3	35.8	2.2	0
15/07/23	12:45	66.7	57.9	48.1	44.5	6.3	0	23/06/23	43.4	36.9	3.1	0
15/07/23	13:00	68.1	57.2	47.4	42.7	6.3	0	23/06/23	43.7	35.5	3.1	0
15/07/23	13:15	67.5	58.3	49.8	45.6	6.7	0	23/06/23	43.0	35.7	3.1	0
15/07/23	13:30	68.8	58.7	50.3	45.7	6.7	0	23/06/23	42.5	36.4	3.6	0
15/07/23	13:45	70.1	60.5	48.6	44.8	7.2	0	23/06/23	43.3	36.0	3.6	0
15/07/23	14:00	70.1	61.4	49.1	45.3	7.2	0	23/06/23	42.7	36.8	3.6	0
15/07/23	14:15	70.2	60.6	49.4	45.1	6.7	0	23/06/23	40.8	36.6	3.1	0
15/07/23	14:30	68.6	58.5	48.6	45.4	6.3	0	23/06/23	43.9	37.3	3.6	0
15/07/23	14:45	67.9	58.5	49.9	45.1	6.3	0	23/06/23	41.3	36.0	4	0
15/07/23	15:00	67.7	58.9	48.3	44.9	6.3	0	23/06/23	40.8	36.2	4	0
15/07/23	15:15	68.5	59.3	54.9	47.7	7.2	0	23/06/23	41.0	36.4	4	0
15/07/23	15:30	68.0	57.6	48.3	44.1	6.3	0	23/06/23	41.5	36.8	4	0
15/07/23	15:45	66.3	53.5	48.1	44.5	5.8	0	23/06/23	42.9	38.0	4.5	0
15/07/23	16:00	65.2	54.7	47.6	44.1	6.3	0	23/06/23	41.8	36.8	4.5	0
15/07/23	16:15	66.0	56.4	47.6	43.8	6.3	0	23/06/23	42.7	36.6	4	0
15/07/23	16:30	64.0	54.2	46.8	43.8	6.3	0	23/06/23	42.5	37.1	4	0
15/07/23	16:45	64.0	54.7	46.9	44.1	5.8	0	23/06/23	41.1	36.5	4	0
15/07/23	17:00	62.1	53.6	48.7	42.9	5.4	0	23/06/23	42.1	36.1	3.6	0
15/07/23	17:15	62.4	52.7	49.1	44.5	5.8	0	23/06/23	41.4	36.5	4	0
15/07/23	17:30	62.7	51.8	46.1	42.8	5.4	0	23/06/23	40.5	35.7	4	0
15/07/23	17:45	62.7	52.3	45.3	42.2	4.9	0	23/06/23	40.6	35.5	4	0
15/07/23	18:00	59.8	50.4	46.1	42.0	5.4	0	23/06/23	42.4	38.1	4	0
15/07/23	18:15	61.3	51.9	47.9	43.9	5.8	0	23/06/23	43.0	37.7	4	0
15/07/23	18:30	61.8	52.2	47.7	44.1	5.8	0	23/06/23	41.4	37.0	4.5	0
15/07/23	18:45	61.6	50.8	47.7	44.7	5.4	0	23/06/23	41.3	37.5	4	0
15/07/23	19:00	64.3	53.8	48.3	44.9	5.8	0	23/06/23	41.6	36.5	4	0
15/07/23	19:15	63.9	54.5	48.3	45.1	6.3	0	23/06/23	45.8	36.5	4	0
15/07/23	19:30	59.8	48.8	47.6	44.2	5.8	0	23/06/23	42.6	35.0	3.6	0
15/07/23	19:45	63.7	52.7	46.7	44.1	5.8	0	23/06/23	50.2	36.5	3.6	0
15/07/23	20:00	61.9	51.4	47.3	44.9	6.3	0	23/06/23	44.6	34.5	3.1	0
15/07/23	20:15	60.6	49.4	46.9	43.1	5.8	0	23/06/23	42.9	34.7	3.6	0
15/07/23	20:30	59.6	49.8	47.4	43.4	6.3	0	23/06/23	41.1	37.0	3.6	0
15/07/23	20:45	62.2	50.5	48.3	44.3	6.3	0	23/06/23	41.0	36.9	3.6	0
15/07/23	21:00	61.6	50.1	46.7	44.0	5.8	0	23/06/23	40.9	36.1	3.1	0
15/07/23	21:15	62.5	52.9	48.5	44.2	5.4	0	23/06/23	39.4	34.8	3.1	0
15/07/23	21:30	59.6	48.4	47.1	43.0	6.3	0	23/06/23	39.0	34.8	3.1	0
15/07/23	21:45	59.3	48.6	45.0	41.8	5.4	0	23/06/23	38.8	33.8	2.7	0
15/07/23	22:00	61.1	50.5	46.6	40.6	4.5	0	23/06/23	39.1	34.6	4	0
15/07/23	22:15	65.6	52.5	46.8	43.5	5.8	0	23/06/23	39.8	35.2	3.6	0
15/07/23	22:30	59.7	49.0	46.4	42.7	6.3	0	23/06/23	37.9	34.8	4	0
15/07/23	22:45	54.6	46.1	47.1	42.5	5.8	0	23/06/23	38.5	34.8	3.6	0
15/07/23	23:00	62.8	49.8	46.8	42.1	6.3	0	23/06/23	37.3	33.9	2.7	0
15/07/23	23:15	61.5	49.9	46.8	43.3	6.3	0	23/06/23	38.6	34.5	2.7	0
15/07/23	23:30	63.0	51.3	44.9	42.3	5.4	0	23/06/23	36.9	33.9	2.7	0
15/07/23	23:45	64.3	54.2	47.3	43.5	5.8	0	23/06/23	36.6	33.5	3.1	0

Start	Start	RP4A: Pennar Point		RP3: Lambeeth Farm		Wind	Rain	Start	RP2A: Greenhill Farm		Wind	Rain
Date	Time	LAeq	LAF90.0	LAeq	LAF90.0	Speed m/s	mm	Date	LAeq	LAF90.0	Speed m/s	mm
16/07/23	00:00	59.1	50.3	45.7	42.7	5.4	0	24/06/23	37.4	33.4	3.1	0
16/07/23	00:15	62.3	52.5	46.0	41.6	5.4	0	24/06/23	37.8	33.9	3.1	0
16/07/23	00:30	63.4	53.1	45.8	42.9	5.4	0	24/06/23	38.0	33.0	3.6	0
16/07/23	00:45	61.9	51.6	44.9	42.0	5.4	0	24/06/23	36.9	33.4	3.1	0
16/07/23	01:00	62.3	51.8	46.9	43.7	5.4	0	24/06/23	38.4	34.2	2.7	0
16/07/23	01:15	62.9	52.6	45.9	42.9	5.4	0	24/06/23	38.0	33.8	2.7	0
16/07/23	01:30	61.5	48.1	46.4	43.1	5.4	0	24/06/23	37.9	33.3	2.7	0
16/07/23	01:45	55.1	45.9	43.6	40.3	5.8	0	24/06/23	36.5	33.2	2.7	0
16/07/23	02:00	53.5	45.0	44.8	41.5	5.4	0	24/06/23	37.3	33.4	2.7	0
16/07/23	02:15	58.3	47.0	45.4	41.1	5.8	0	24/06/23	36.9	33.1	2.2	0
16/07/23	02:30	59.7	49.1	45.6	42.7	5.8	0	24/06/23	38.2	33.6	2.7	0
16/07/23	02:45	59.2	49.1	44.9	41.7	6.3	0	24/06/23	39.4	33.2	2.7	0
16/07/23	03:00	59.3	47.9	43.3	40.3	5.8	0	24/06/23	39.8	36.0	2.2	0
16/07/23	03:15	59.4	48.1	43.3	40.0	5.4	0	24/06/23	37.0	34.1	2.7	0
16/07/23	03:30	54.6	46.1	44.2	41.0	5.8	0	24/06/23	35.6	33.5	2.7	0
16/07/23	03:45	55.2	46.0	42.7	39.8	4.9	0	24/06/23	37.2	34.1	2.7	0
16/07/23	04:00	57.2	46.9	43.3	39.9	4.9	0	24/06/23	33.8	32.1	2.2	0
16/07/23	04:15	57.9	46.7	42.2	38.4	5.4	0	24/06/23	39.4	32.5	2.7	0
16/07/23	04:30	57.4	46.3	41.4	37.9	4.9	0	24/06/23	54.6	38.9	2.2	0
16/07/23	04:45	55.7	45.5	41.4	39.2	4.9	0	24/06/23	56.8	39.7	2.2	0
16/07/23	05:00	53.2	44.1	40.9	39.0	4.9	0	24/06/23	57.4	39.7	2.2	0
16/07/23	05:15	52.8	43.8	40.7	37.6	4.5	0	24/06/23	54.0	37.0	2.2	0
16/07/23	05:30	53.3	44.2	41.8	38.6	4.5	0	24/06/23	45.2	38.1	2.2	0
16/07/23	05:45	53.3	44.4	47.2	40.1	4	0.2	24/06/23	44.7	38.1	2.7	0
16/07/23	06:00	54.0	44.7	45.3	39.9	4.5	0	24/06/23	54.9	39.5	2.7	0
16/07/23	06:15	54.5	45.6	46.0	40.9	4	0.2	24/06/23	58.5	38.0	2.2	0
16/07/23	06:30	53.5	44.7	47.4	39.6	3.1	0	24/06/23	45.8	36.6	2.7	0
16/07/23	06:45	53.8	44.3	41.3	37.7	2.7	0	24/06/23	56.0	37.2	2.2	0
16/07/23	07:00	52.4	43.7	40.2	36.1	3.6	0	24/06/23	57.0	39.0	2.2	0
16/07/23	07:15	53.9	45.3	37.5	35.2	3.1	0	24/06/23	59.1	38.2	2.7	0
16/07/23	07:30	56.0	46.6	41.3	37.1	4	0	24/06/23	48.5	36.9	2.2	0
16/07/23	07:45	54.4	45.4	42.2	38.4	4.5	0	24/06/23	49.8	37.8	1.8	0
16/07/23	08:00	54.6	45.9	44.1	40.6	3.6	0.2	24/06/23	47.8	37.7	1.8	0
16/07/23	08:15	53.5	43.0	41.3	36.6	4	0	24/06/23	44.6	36.2	2.2	0
16/07/23	08:30	55.3	44.5	42.8	36.5	4.5	0	24/06/23	49.0	38.5	2.2	0
16/07/23	08:45	51.4	42.9	42.3	37.0	4	0	24/06/23	50.5	37.0	2.2	0
16/07/23	09:00	54.2	44.7	43.7	38.1	4	0	24/06/23	51.3	38.2	2.2	0
16/07/23	09:15	54.1	44.5	42.5	38.5	4.5	0	24/06/23	54.5	38.0	2.7	0
16/07/23	09:30	59.9	49.4	42.7	39.0	4.9	0	24/06/23	54.5	38.0	3.1	0
16/07/23	09:45	60.6	50.3	43.3	40.3	4.5	0	24/06/23	51.6	37.5	3.1	0
16/07/23	10:00	59.9	50.4	42.1	39.4	4.9	0	24/06/23	55.8	36.2	3.6	0
16/07/23	10:15	56.1	45.8	41.9	37.8	4.5	0	24/06/23	40.9	33.4	3.1	0
16/07/23	10:30	57.8	47.3	42.1	36.5	4.5	0	24/06/23	45.7	33.8	3.6	0
16/07/23	10:45	58.4	46.5	43.5	38.7	4.5	0	24/06/23	46.5	35.1	3.1	0
16/07/23	11:00	56.5	47.2	41.8	37.7	4.9	0	24/06/23	47.0	34.2	2.7	0
16/07/23	11:15	55.4	45.8	43.0	37.6	4	0	24/06/23	37.1	33.0	3.1	0
16/07/23	11:30	53.9	45.7	40.4	35.6	4	0	24/06/23	38.3	32.5	2.7	0
16/07/23	11:45	53.2	44.0	49.9	36.8	4	0	24/06/23	44.2	32.8	2.7	0

Start	Start	RP4A: Pennar Point		RP3: Lambeeth Farm		Wind	Rain	Start	RP2A: Greenhill Farm		Wind	Rain
Date	Time	LAeq	LAF90.0	LAeq	LAF90.0	Speed m/s	mm	Date	LAeq	LAF90.0	Speed m/s	mm
16/07/23	12:00	54.0	45.2	45.4	36.6	4	0	24/06/23	44.0	33.1	2.7	0
16/07/23	12:15	54.2	44.7	41.6	35.8	4	0	24/06/23	47.1	33.7	2.2	0
16/07/23	12:30	53.4	43.8	43.2	36.4	4.5	0	24/06/23	48.2	32.9	2.2	0
16/07/23	12:45	55.6	46.2	44.1	37.4	4.5	0	24/06/23	46.0	33.3	2.7	0
16/07/23	13:00	54.0	45.0	46.5	37.3	4.5	0	24/06/23	49.5	33.5	2.2	0
16/07/23	13:15	56.0	46.8	41.7	36.7	4.9	0	24/06/23	45.0	33.8	2.2	0
16/07/23	13:30	57.2	48.2	40.6	37.5	4.9	0	24/06/23	42.4	34.4	2.7	0
16/07/23	13:45	56.9	47.0	49.0	38.2	4.5	0	24/06/23	37.2	32.8	3.1	0
16/07/23	14:00	58.0	48.1	43.2	39.3	4.9	0	24/06/23	40.6	34.8	2.7	0
16/07/23	14:15	57.7	48.7	40.9	37.8	4.5	0	24/06/23	38.2	34.5	3.1	0
16/07/23	14:30	60.0	50.3	41.3	37.2	4.9	0	24/06/23	39.3	33.8	3.1	0
16/07/23	14:45	57.6	48.1	46.0	37.9	4.5	0	24/06/23	37.2	33.5	2.7	0
16/07/23	15:00	58.5	48.6	43.0	39.5	4.9	0	24/06/23	37.8	33.5	2.7	0
16/07/23	15:15	57.4	46.6	41.6	38.2	4.9	0	24/06/23	38.7	34.7	2.7	0
16/07/23	15:30	55.8	46.7	42.2	38.8	4.9	0	24/06/23	39.8	36.0	3.1	0
16/07/23	15:45	56.6	47.9	41.9	38.6	4	0	24/06/23	39.3	35.8	3.1	0
16/07/23	16:00	59.0	50.6	44.0	40.2	4.9	0	24/06/23	41.2	38.0	2.2	0
16/07/23	16:15	58.2	47.7	47.1	39.9	4.9	0	24/06/23	39.5	35.5	1.8	0
16/07/23	16:30	56.7	47.2	44.1	38.6	4.5	0	24/06/23	35.7	33.6	1.8	0
16/07/23	16:45	57.7	47.8	43.5	39.2	5.4	0	24/06/23	36.1	33.3	1.3	0
16/07/23	17:00	57.7	49.4	43.3	40.7	5.4	0	24/06/23	34.7	32.4	1.8	0
16/07/23	17:15	58.6	48.8	43.9	38.7	4.5	0	24/06/23	37.6	32.6	1.8	0
16/07/23	17:30	56.7	48.6	44.1	38.7	5.4	0	24/06/23	40.1	32.9	1.8	0
16/07/23	17:45	58.3	50.8	42.3	37.9	4.9	0	24/06/23	36.3	32.8	1.3	0
16/07/23	18:00	55.8	47.9	42.4	37.9	4.9	0	24/06/23	34.6	32.7	1.8	0
16/07/23	18:15	56.9	49.7	40.0	37.2	4	0	24/06/23	39.9	34.1	1.8	0
16/07/23	18:30	54.6	45.6	43.2	36.4	4	0	24/06/23	37.8	35.3	1.8	0
16/07/23	18:45	55.2	45.9	41.7	36.8	4	0	24/06/23	41.4	35.6	1.8	0
16/07/23	19:00	55.3	45.2	38.2	34.9	4	0	24/06/23	40.6	35.2	1.8	0
16/07/23	19:15	55.6	46.5	41.1	34.9	4	0	24/06/23	39.7	36.1	1.8	0
16/07/23	19:30	55.7	45.4	45.4	35.0	4	0	24/06/23	39.8	36.5	2.7	0
16/07/23	19:45	53.2	45.3	36.4	33.1	4	0	24/06/23	40.1	36.7	2.7	0
16/07/23	20:00	52.5	42.9	36.5	32.4	3.6	0	24/06/23	38.8	36.3	1.8	0
16/07/23	20:15	51.8	43.0	38.2	33.0	3.6	0	24/06/23	48.5	36.5	0.9	0
16/07/23	20:30	49.7	42.4	36.2	32.5	2.7	0	24/06/23	43.8	35.3	0.9	0
16/07/23	20:45	50.9	42.9	36.7	32.6	2.7	0	24/06/23	44.2	35.0	1.3	0
16/07/23	21:00	51.7	43.2	40.0	33.6	2.7	0	24/06/23	45.9	36.5	0.9	0
16/07/23	21:15	52.4	44.3	35.3	33.7	3.1	0	24/06/23	43.0	36.8	1.3	0
16/07/23	21:30	51.5	43.6	38.2	34.1	3.1	0	24/06/23	38.3	36.7	1.3	0
16/07/23	21:45	50.6	43.2	39.4	34.8	3.1	0	24/06/23	37.6	36.2	0.9	0
16/07/23	22:00	53.2	44.2	43.3	35.3	3.1	0	24/06/23	37.1	36.0	1.8	0
16/07/23	22:15	50.6	43.4	40.6	35.7	2.7	0	24/06/23	37.8	36.6	1.3	0
16/07/23	22:30	50.4	42.8	37.6	35.9	2.7	0	24/06/23	37.9	36.6	1.3	0
16/07/23	22:45	50.0	42.9	37.0	35.2	2.7	0	24/06/23	37.0	35.3	1.8	0
16/07/23	23:00	50.8	42.8	36.1	34.9	2.7	0	24/06/23	36.9	35.1	1.8	0
16/07/23	23:15	51.3	43.1	37.0	35.5	2.7	0	24/06/23	39.0	35.7	2.2	0
16/07/23	23:30	52.3	43.4	36.5	35.0	3.1	0	24/06/23	38.5	35.3	2.2	0
16/07/23	23:45	50.6	43.0	35.8	34.4	3.1	0	24/06/23	39.4	36.0	2.7	0

Start	Start	RP4A: Pennar Point		RP3: Lambeeth Farm		Wind	Rain	Start	RP2A: Greenhill Farm		Wind	Rain
Date	Time	LAeq	LAF90.0	LAeq	LAF90.0	Speed m/s	mm	Date	LAeq	LAF90.0	Speed m/s	mm
17/07/23	00:00	50.0	42.3	36.5	34.7	2.7	0	25/06/23	39.9	35.6	2.7	0
17/07/23	00:15	52.0	42.6	36.7	35.4	3.1	0	25/06/23	40.6	36.4	2.7	0
17/07/23	00:30	49.6	42.5	36.2	34.9	2.7	0	25/06/23	42.3	37.1	3.6	0
17/07/23	00:45	50.8	41.8	35.4	34.1	2.7	0	25/06/23	40.9	37.0	3.6	0
17/07/23	01:00	48.9	41.6	34.5	33.4	2.7	0	25/06/23	42.0	37.9	3.6	0
17/07/23	01:15	49.1	41.6	34.9	33.9	2.2	0	25/06/23	43.1	37.6	3.6	0
17/07/23	01:30	48.5	40.9	34.7	33.7	2.2	0	25/06/23	43.7	39.0	4.5	0
17/07/23	01:45	49.6	41.5	35.2	33.9	2.2	0	25/06/23	43.7	37.7	4	0
17/07/23	02:00	49.3	41.4	36.4	34.8	2.7	0	25/06/23	44.0	39.0	3.6	0
17/07/23	02:15	51.0	43.0	34.8	33.5	2.7	0	25/06/23	42.8	37.9	3.6	0
17/07/23	02:30	47.3	41.0	34.7	33.4	2.7	0	25/06/23	43.3	38.3	3.1	0
17/07/23	02:45	49.6	42.8	34.2	33.1	2.2	0	25/06/23	43.2	38.1	2.7	0
17/07/23	03:00	50.1	43.2	34.6	33.4	2.2	0	25/06/23	43.0	38.6	3.1	0
17/07/23	03:15	49.4	42.1	34.9	33.7	2.2	0	25/06/23	41.4	37.2	3.1	0
17/07/23	03:30	49.7	42.6	34.9	33.6	2.2	0	25/06/23	39.8	35.6	3.1	0
17/07/23	03:45	48.0	41.6	35.0	33.1	2.2	0	25/06/23	38.3	34.6	3.1	0
17/07/23	04:00	47.8	41.6	35.1	33.5	2.2	0	25/06/23	39.0	34.8	3.1	0
17/07/23	04:15	49.0	42.0	34.3	33.1	2.7	0	25/06/23	42.1	35.1	2.7	0
17/07/23	04:30	48.5	42.2	34.7	33.5	1.8	0	25/06/23	54.3	39.3	2.7	0
17/07/23	04:45	49.6	42.9	35.9	34.1	2.7	0	25/06/23	59.9	41.5	2.2	0
17/07/23	05:00	49.2	42.3	35.7	34.0	2.2	0	25/06/23	56.8	38.6	2.2	0
17/07/23	05:15	48.7	41.7	46.8	34.6	2.2	0	25/06/23	47.6	35.2	1.8	0
17/07/23	05:30	48.7	42.5	46.0	35.8	2.7	0	25/06/23	40.6	32.6	1.8	0
17/07/23	05:45	47.8	42.3	41.9	35.3	3.1	0	25/06/23	51.0	38.6	1.8	0
17/07/23	06:00	43.6	40.6	42.4	35.0	3.1	0	25/06/23	47.9	38.2	2.2	0
17/07/23	06:15	45.1	40.2	40.2	34.6	3.6	0	25/06/23	50.0	36.3	2.2	0
17/07/23	06:30	47.0	39.8	43.8	34.9	3.1	0	25/06/23	54.5	39.8	2.7	0
17/07/23	06:45	45.2	40.2	40.5	33.8	3.1	0	25/06/23	51.3	37.3	1.8	0
17/07/23	07:00	45.9	39.5	39.3	33.4	3.1	0	25/06/23	50.8	37.7	2.2	0
17/07/23	07:15	47.2	41.3	38.3	34.8	3.1	0	25/06/23	54.9	36.9	1.8	0
17/07/23	07:30	44.5	39.5	41.2	33.8	3.6	0	25/06/23	45.6	34.8	2.2	0
17/07/23	07:45	45.7	40.3	37.8	33.9	2.7	0	25/06/23	50.7	34.7	2.7	0
17/07/23	08:00	48.6	40.5	39.8	35.8	2.7	0	25/06/23	51.3	36.2	2.2	0
17/07/23	08:15	43.4	39.5	39.0	34.6	3.1	0	25/06/23	43.2	34.7	1.8	0
17/07/23	08:30	46.5	40.5	40.9	35.1	3.1	0	25/06/23	44.4	36.2	2.7	0
17/07/23	08:45	48.3	40.5	44.0	34.3	3.1	0	25/06/23	47.3	37.8	2.7	0
17/07/23	09:00	45.4	40.1	41.1	37.2	3.1	0	25/06/23	43.1	37.0	2.7	0
17/07/23	09:15	44.1	40.1	43.2	38.7	3.6	0	25/06/23	40.6	34.8	3.1	0
17/07/23	09:30	46.8	41.5	42.5	37.1	3.1	0	25/06/23	43.9	34.5	2.7	0
17/07/23	09:45	47.0	41.4	39.8	36.2	4	0	25/06/23	41.4	34.0	2.2	0
17/07/23	10:00	47.0	41.3	39.8	34.8	3.6	0	25/06/23	39.7	33.1	1.8	0
17/07/23	10:15	51.9	43.7	42.2	37.7	4.5	0	25/06/23	37.4	33.2	3.1	0
17/07/23	10:30	50.9	42.7	45.3	37.7	4.5	0.4	25/06/23	46.6	34.7	3.6	0
17/07/23	10:45	55.8	47.1	48.2	39.2	3.6	0.2	25/06/23	50.6	34.6	3.1	0
17/07/23	11:00	50.4	41.9	43.6	36.0	3.6	0	25/06/23	48.7	34.0	3.1	0
17/07/23	11:15	46.6	40.7	44.8	35.6	4	0	25/06/23	47.8	36.2	3.1	0
17/07/23	11:30	52.8	43.2	40.5	36.4	4	0	25/06/23	44.4	34.3	3.1	0
17/07/23	11:45	52.2	41.9	41.8	36.7	4	0	25/06/23	38.6	35.5	3.1	0

Start	Start	RP4A: Pennar Point		RP3: Lambeeth Farm		Wind	Rain	Start	RP2A: Greenhill Farm		Wind	Rain
Date	Time	LAeq	LAF90.0	LAeq	LAF90.0	Speed m/s	mm	Date	LAeq	LAF90.0	Speed m/s	mm
17/07/23	12:00	53.0	43.9	42.0	36.1	4	0	25/06/23	45.1	35.4	2.7	0
17/07/23	12:15	52.1	42.6	39.9	35.6	3.6	0	25/06/23	45.2	34.8	3.1	0
17/07/23	12:30	55.5	46.3	41.3	35.5	4.5	0	25/06/23	47.2	38.1	4	0
17/07/23	12:45	53.9	45.3	40.0	36.0	4.5	0	25/06/23	46.2	41.1	4.5	0
17/07/23	13:00	55.1	45.2	40.6	35.5	4	0	25/06/23	47.8	41.8	4.5	0
17/07/23	13:15	54.6	46.2	57.7	35.2	4.5	0	25/06/23	52.1	44.3	5.4	0
17/07/23	13:30	54.3	44.9	42.6	35.9	4	0	25/06/23	51.3	44.7	5.8	0
17/07/23	13:45	52.5	44.7	42.4	36.5	3.6	0	25/06/23	50.7	44.5	5.4	0
17/07/23	14:00	52.2	43.0	43.5	35.4	4	0	25/06/23	52.5	46.4	5.8	0
17/07/23	14:15	51.8	42.6	41.5	36.4	4.5	0	25/06/23	51.8	45.3	5.8	0
17/07/23	14:30	50.8	41.6	46.2	35.8	4	0	25/06/23	52.4	45.5	4.9	0
17/07/23	14:45	54.7	44.3	39.5	35.3	4.5	0	25/06/23	51.5	44.8	5.4	0
17/07/23	15:00	54.2	43.4	41.2	35.2	4	0	25/06/23	50.9	43.8	4.9	0
17/07/23	15:15	53.0	44.6	41.7	36.6	4	0	25/06/23	50.9	44.4	5.4	0
17/07/23	15:30	54.1	44.8	40.1	36.7	4.5	0	25/06/23	48.8	42.8	4.9	0
17/07/23	15:45	55.1	46.0	41.1	38.5	4.9	0	25/06/23	47.8	42.1	4.9	0
17/07/23	16:00	53.4	44.0	40.0	36.8	4	0	25/06/23	50.3	42.3	5.4	0
17/07/23	16:15	50.5	42.7	42.3	35.3	3.6	0	25/06/23	51.5	43.7	5.8	0
17/07/23	16:30	53.1	44.0	41.4	35.2	4	0	25/06/23	49.4	43.4	5.8	0
17/07/23	16:45	53.7	44.7	39.6	35.7	4	0	25/06/23	50.7	43.2	5.4	0
17/07/23	17:00	52.2	43.3	40.6	36.3	4.5	0	25/06/23	48.9	44.1	6.3	0
17/07/23	17:15	50.2	42.5	39.9	34.7	3.6	0	25/06/23	47.5	41.1	5.8	0
17/07/23	17:30	48.6	42.6	35.0	32.2	3.6	0	25/06/23	49.5	43.8	4.9	0
17/07/23	17:45	49.7	42.5	37.1	32.8	4	0	25/06/23	49.7	44.2	4.5	0
17/07/23	18:00	49.1	40.9	43.0	32.6	3.6	0	25/06/23	49.6	42.3	5.4	0
17/07/23	18:15	49.0	40.9	42.2	33.5	4	0	25/06/23	46.8	41.7	4.5	0
17/07/23	18:30	51.0	41.3	39.2	32.8	3.6	0	25/06/23	47.6	41.5	4.5	0
17/07/23	18:45	49.7	42.3	38.0	32.1	3.6	0	25/06/23	48.1	42.5	4.9	0
17/07/23	19:00	49.1	41.0	37.2	32.1	3.1	0	25/06/23	46.7	39.4	4.5	0
17/07/23	19:15	47.4	40.7	36.9	31.9	2.7	0	25/06/23	46.7	40.4	4	0
17/07/23	19:30	45.9	39.7	37.7	31.8	1.8	0	25/06/23	44.3	38.9	4	0
17/07/23	19:45	47.6	42.2	41.2	33.3	2.2	0	25/06/23	50.9	38.5	4.5	0
17/07/23	20:00	45.6	40.2	51.7	35.3	2.2	0	25/06/23	44.5	38.6	4	0
17/07/23	20:15	44.4	39.8	51.6	31.0	1.3	0	25/06/23	53.5	37.1	3.6	0
17/07/23	20:30	42.6	38.8	42.7	30.1	1.3	0	25/06/23	51.7	37.5	3.6	0
17/07/23	20:45	42.2	38.9	38.2	31.0	1.8	0	25/06/23	40.9	36.9	2.7	0
17/07/23	21:00	40.8	38.2	35.9	31.2	1.3	0	25/06/23	42.7	37.8	3.1	0
17/07/23	21:15	40.3	37.7	34.2	31.8	0.4	0	25/06/23	42.4	37.7	3.1	0
17/07/23	21:30	39.9	37.9	33.9	31.8	0.4	0	25/06/23	42.6	37.9	3.1	0
17/07/23	21:45	38.7	37.2	37.3	32.1	0	0	25/06/23	41.2	37.6	2.7	0
17/07/23	22:00	38.0	36.6	34.9	32.5	0	0	25/06/23	41.0	37.5	2.7	0
17/07/23	22:15	37.7	36.5	34.3	32.3	0	0	25/06/23	41.3	38.2	3.1	0
17/07/23	22:30	38.1	36.2	35.0	32.9	0	0	25/06/23	41.4	38.0	3.6	0
17/07/23	22:45	36.9	35.7	34.5	32.8	0	0	25/06/23	42.1	38.4	3.1	0
17/07/23	23:00	37.2	36.2	33.6	32.4	0	0	25/06/23	43.1	39.3	3.6	0
17/07/23	23:15	38.0	36.8	34.0	32.5	0	0	25/06/23	44.2	40.1	4	0
17/07/23	23:30	38.2	36.9	35.2	32.9	0	0	25/06/23	45.1	40.4	4.5	0
17/07/23	23:45	37.8	36.2	34.7	32.2	0.4	0	25/06/23	44.6	40.3	4.9	0

Start	Start	RP4A: Pennar Point		RP3: Lambeeth Farm		Wind	Rain	Start	RP2A: Greenhill Farm		Wind	Rain
Date	Time	LAeq	LAF90.0	LAeq	LAF90.0	Speed m/s	mm	Date	LAeq	LAF90.0	Speed m/s	mm
18/07/23	00:00	37.8	36.3	35.0	32.4	0	0	26/06/23	44.0	39.9	4	0
18/07/23	00:15	39.9	38.0	35.0	32.9	0	0	26/06/23	43.2	39.4	4	0
18/07/23	00:30	38.0	36.3	34.2	31.5	0	0	26/06/23	43.7	39.8	3.1	0
18/07/23	00:45	37.4	36.3	34.6	31.2	0	0	26/06/23	42.6	38.6	3.1	0
18/07/23	01:00	37.9	36.7	33.5	30.7	0	0	26/06/23	41.2	37.9	2.7	0
18/07/23	01:15	39.3	36.6	33.5	30.4	0	0	26/06/23	42.1	38.0	2.7	0
18/07/23	01:30	37.1	36.0	32.8	30.4	0	0	26/06/23	40.8	37.3	3.1	0
18/07/23	01:45	38.5	37.4	33.6	31.7	0	0	26/06/23	42.0	37.7	4.5	0
18/07/23	02:00	38.6	36.9	33.3	30.6	0	0	26/06/23	42.7	37.3	4	0
18/07/23	02:15	38.1	37.0	33.6	31.6	0	0	26/06/23	42.0	37.8	4	0
18/07/23	02:30	39.6	37.4	33.0	31.2	0	0	26/06/23	40.6	36.6	3.6	0
18/07/23	02:45	40.5	37.9	33.2	30.7	0	0	26/06/23	40.4	36.2	3.1	0
18/07/23	03:00	39.4	37.4	32.8	30.0	0	0	26/06/23	37.3	36.1	3.6	0
18/07/23	03:15	45.1	40.1	32.4	28.8	0	0	26/06/23	39.7	36.4	3.6	0
18/07/23	03:30	44.4	42.3	30.7	26.4	0	0	26/06/23	38.4	36.1	3.6	0
18/07/23	03:45	43.9	42.3	31.2	27.6	0	0	26/06/23	37.5	35.1	2.2	0
18/07/23	04:00	43.8	42.0	32.7	30.8	0	0	26/06/23	36.2	34.4	1.8	0
18/07/23	04:15	44.4	42.4	31.2	28.2	0	0	26/06/23	46.5	36.0	1.8	0
18/07/23	04:30	43.5	41.0	29.3	25.7	0	0	26/06/23	54.3	42.3	1.8	0
18/07/23	04:45	44.8	42.7	29.9	25.2	0	0	26/06/23	50.3	40.8	1.8	0
18/07/23	05:00	45.4	43.4	33.1	27.4	0.4	0	26/06/23	47.2	39.9	2.2	0
18/07/23	05:15	44.0	42.0	33.6	27.7	0.4	0	26/06/23	45.9	40.4	2.7	0
18/07/23	05:30	44.6	42.2	34.5	27.5	0.4	0	26/06/23	53.4	40.6	2.7	0
18/07/23	05:45	44.8	41.7	37.5	29.6	0	0	26/06/23	58.5	42.0	1.8	0
18/07/23	06:00	44.9	40.7	37.3	30.0	0.9	0	26/06/23	55.5	38.9	2.2	0
18/07/23	06:15	46.0	40.0	43.7	30.0	0.9	0	26/06/23	53.4	38.4	2.2	0
18/07/23	06:30	46.8	40.7	40.3	31.9	0.9	0	26/06/23	50.8	38.9	2.2	0
18/07/23	06:45	46.1	40.3	38.3	31.9	1.3	0	26/06/23	50.8	39.5	2.2	0
18/07/23	07:00	47.6	41.4	40.5	33.5	1.3	0	26/06/23	52.5	39.8	3.1	0
18/07/23	07:15	50.2	42.4	37.5	33.4	1.3	0	26/06/23	47.2	38.1	3.1	0
18/07/23	07:30	49.1	42.7	38.8	32.5	1.3	0	26/06/23	45.1	38.7	2.7	0
18/07/23	07:45	50.4	42.7	38.2	32.0	1.8	0	26/06/23	46.8	38.0	2.7	0
18/07/23	08:00	50.9	42.9	37.1	31.2	1.8	0	26/06/23	47.8	38.9	2.7	0
18/07/23	08:15	49.6	42.0	34.7	30.6	1.8	0	26/06/23	47.8	38.8	2.7	0
18/07/23	08:30	48.9	41.7	41.8	31.4	2.2	0.2	26/06/23	42.7	36.8	2.2	0
18/07/23	08:45	50.8	42.4	45.8	42.1	2.2	0.2	26/06/23	45.7	38.4	2.2	0
18/07/23	09:00	57.0	45.1	51.7	42.8	2.2	0.2	26/06/23	42.3	36.8	2.2	0
18/07/23	09:15	62.7	50.6	50.4	48.5	2.2	0.4	26/06/23	46.0	37.4	3.1	0
18/07/23	09:30	63.1	50.7	53.8	52.4	2.2	0.8	26/06/23	51.4	37.8	3.1	0
18/07/23	09:45	61.1	47.2	54.5	53.1	2.2	1.2	26/06/23	49.4	39.4	2.7	0
18/07/23	10:00	62.3	52.4	54.0	51.7	2.2	1	26/06/23	47.1	37.7	3.1	0
18/07/23	10:15	59.2	49.8	55.6	52.6	1.3	1.2	26/06/23	44.5	37.4	3.1	0
18/07/23	10:30	53.7	47.0	53.2	51.4	0.4	0.8	26/06/23	49.8	39.7	3.6	0
18/07/23	10:45	56.6	46.5	52.3	50.1	1.3	0.6	26/06/23	45.4	39.9	3.6	0
18/07/23	11:00	56.7	46.4	51.1	48.3	1.3	0.4	26/06/23	42.1	37.4	3.6	0
18/07/23	11:15	53.4	43.4	50.2	48.1	1.3	0.2	26/06/23	42.3	38.1	4	0
18/07/23	11:30	51.1	43.2	47.4	42.2	1.3	0.2	26/06/23	49.3	38.1	3.1	0
18/07/23	11:45	57.7	46.3	46.5	41.7	1.8	0	26/06/23	43.4	37.1	3.6	0

Start	Start	RP4A: Pennar Point		RP3: Lambeeth Farm		Wind	Rain	Start	RP2A: Greenhill Farm		Wind	Rain
Date	Time	LAeq	LAF90.0	LAeq	LAF90.0	Speed m/s	mm	Date	LAeq	LAF90.0	Speed m/s	mm
18/07/23	12:00	60.1	45.5	51.8	46.4	1.8	0.6	26/06/23	41.3	36.8	4	0
18/07/23	12:15	63.9	53.7	48.5	45.5	2.7	0.2	26/06/23	43.1	37.1	4	0
18/07/23	12:30	60.9	46.8	45.0	38.3	1.8	0	26/06/23	42.0	37.4	4.5	0
18/07/23	12:45	57.6	44.9	38.3	32.4	2.2	0	26/06/23	44.8	39.1	4.5	0
18/07/23	13:00	62.1	48.9	38.2	32.0	3.1	0	26/06/23	44.9	39.3	4	0
18/07/23	13:15	66.5	55.0	42.4	34.8	3.1	0	26/06/23	45.5	40.9	4.5	0
18/07/23	13:30	64.5	52.6	37.9	34.1	2.7	0	26/06/23	45.2	40.3	4	0
18/07/23	13:45	66.1	55.1	38.5	35.0	4	0	26/06/23	43.9	38.5	3.6	0
18/07/23	14:00	66.8	55.3	40.9	35.6	3.6	0	26/06/23	45.8	38.4	4	0
18/07/23	14:15	68.9	58.6	42.5	37.3	4	0	26/06/23	42.6	39.0	4	0
18/07/23	14:30	67.3	58.9	45.9	37.6	3.6	0.4	26/06/23	46.2	38.6	3.1	0
18/07/23	14:45	66.8	53.4	52.2	50.2	2.7	0.8	26/06/23	45.4	38.3	4	0
18/07/23	15:00	67.6	57.1	54.4	53.0	3.6	0.8	26/06/23	47.9	41.3	4.5	0
18/07/23	15:15	64.2	52.6	47.9	42.6	2.7	0.2	26/06/23	40.3	36.6	3.1	0
18/07/23	15:30	61.0	49.8	51.3	48.7	2.2	0.4	26/06/23	40.4	36.2	3.1	0
18/07/23	15:45	54.7	43.6	51.3	47.9	2.2	0.6	26/06/23	38.5	35.7	2.7	0
18/07/23	16:00	64.4	51.2	53.6	50.8	3.6	0.8	26/06/23	40.8	37.1	3.1	0
18/07/23	16:15	64.1	49.7	48.9	40.8	2.7	0.4	26/06/23	43.1	37.5	3.6	0
18/07/23	16:30	58.3	44.2	50.0	46.7	2.7	0.2	26/06/23	47.2	37.8	3.6	0
18/07/23	16:45	58.0	43.3	44.0	37.4	3.1	0	26/06/23	42.8	37.5	4	0
18/07/23	17:00	60.9	48.4	41.2	35.9	3.1	0	26/06/23	42.2	37.5	3.6	0
18/07/23	17:15	64.3	50.5	39.4	35.5	3.6	0	26/06/23	44.7	35.7	2.7	0
18/07/23	17:30	61.2	48.9	35.3	32.8	3.1	0	26/06/23	39.3	36.8	2.7	0
18/07/23	17:45	59.4	47.7	35.6	32.0	2.7	0	26/06/23	40.2	36.7	2.7	0
18/07/23	18:00	54.2	45.4	35.1	31.6	1.8	0	26/06/23	40.6	37.1	3.1	0
18/07/23	18:15	56.0	45.1	35.5	32.3	2.2	0	26/06/23	40.6	36.6	3.1	0
18/07/23	18:30	53.2	44.5	38.2	33.9	2.7	0	26/06/23	40.2	37.0	2.7	0
18/07/23	18:45	55.1	45.9	37.1	33.6	3.1	0	26/06/23	38.8	35.2	2.7	0
18/07/23	19:00	59.3	48.5	41.3	36.9	4.5	0.2	26/06/23	39.0	35.5	3.1	0
18/07/23	19:15	56.9	46.6	56.1	39.2	4.5	0	26/06/23	40.3	36.2	2.7	0
18/07/23	19:30	56.2	46.4	53.9	37.5	4	0	26/06/23	37.2	35.1	2.7	0
18/07/23	19:45	53.6	44.2	41.6	35.5	4	0	26/06/23	41.8	35.9	2.7	0
18/07/23	20:00	53.0	43.6	38.5	34.8	3.6	0	26/06/23	42.7	35.3	2.2	0
18/07/23	20:15	47.6	42.6	39.7	34.5	4	0	26/06/23	43.2	35.1	1.8	0
18/07/23	20:30	46.1	42.1	36.7	33.3	3.1	0	26/06/23	36.1	34.8	1.8	0
18/07/23	20:45	47.2	42.4	37.0	33.0	2.7	0	26/06/23	39.5	35.2	1.3	0
18/07/23	21:00	46.4	41.9	35.2	32.6	3.1	0	26/06/23	37.3	35.2	0.9	0
18/07/23	21:15	52.0	42.7	40.0	32.1	2.7	0	26/06/23	41.8	35.1	1.3	0
18/07/23	21:30	51.9	43.2	36.4	31.7	1.8	0	26/06/23	36.7	34.3	1.3	0
18/07/23	21:45	50.3	42.7	36.1	32.2	1.3	0	26/06/23	35.2	34.2	0.9	0
18/07/23	22:00	47.3	41.3	36.7	34.8	1.8	0	26/06/23	35.4	34.3	0.4	0
18/07/23	22:15	45.4	40.3	36.4	34.7	1.8	0	26/06/23	34.6	33.5	0	0
18/07/23	22:30	47.9	41.2	35.8	33.2	1.3	0	26/06/23	35.1	33.6	0.4	0
18/07/23	22:45	48.2	41.3	36.1	34.6	1.3	0	26/06/23	35.0	33.7	1.3	0
18/07/23	23:00	47.5	41.4	36.4	34.6	0.9	0	26/06/23	35.0	33.9	0.9	0
18/07/23	23:15	49.7	42.3	38.0	34.8	1.3	0	26/06/23	35.0	33.8	1.3	0
18/07/23	23:30	46.9	40.5	39.3	35.3	1.8	0	26/06/23	34.3	33.1	0.9	0
18/07/23	23:45	41.6	39.1	38.5	35.1	1.3	0	26/06/23	34.8	33.5	0.9	0

Start	Start	RP4A: Pennar Point		RP3: Lambeeth Farm		Wind	Rain	Start	RP2A: Greenhill Farm		Wind	Rain
Date	Time	LAeq	LAF90.0	LAeq	LAF90.0	Speed m/s	mm	Date	LAeq	LAF90.0	Speed m/s	mm
19/07/23	00:00	40.5	38.9	37.4	35.0	1.3	0	27/06/23	34.6	33.6	0.9	0
19/07/23	00:15	40.3	38.3	45.5	34.8	1.3	0	27/06/23	35.0	33.7	0.9	0
19/07/23	00:30	41.5	38.3	36.6	34.5	0.4	0	27/06/23	34.6	33.6	0.9	0
19/07/23	00:45	39.9	37.4	37.1	35.3	0.9	0	27/06/23	34.2	33.0	0.9	0
19/07/23	01:00	40.4	37.2	37.0	35.5	0.9	0	27/06/23	33.2	32.3	0.4	0
19/07/23	01:15	38.3	36.3	37.0	35.5	0.4	0	27/06/23	34.7	33.2	0.4	0
19/07/23	01:30	39.0	37.4	37.1	35.6	0.9	0	27/06/23	34.6	33.5	0.4	0
19/07/23	01:45	38.5	35.9	36.8	34.9	1.8	0	27/06/23	34.3	33.4	0.9	0
19/07/23	02:00	40.2	36.3	37.3	34.1	1.3	0	27/06/23	34.3	33.2	0.9	0
19/07/23	02:15	36.9	35.4	35.8	32.0	0.9	0	27/06/23	34.9	33.9	0.9	0
19/07/23	02:30	36.2	35.0	35.1	32.1	0.4	0	27/06/23	34.3	33.5	0.4	0
19/07/23	02:45	38.1	35.9	34.5	31.6	0	0	27/06/23	34.8	33.8	0.4	0
19/07/23	03:00	36.8	34.9	32.8	30.4	0	0	27/06/23	34.9	33.6	0	0
19/07/23	03:15	36.1	33.9	32.3	29.7	0.4	0	27/06/23	35.3	34.1	0	0
19/07/23	03:30	36.1	34.1	31.8	29.8	0.4	0	27/06/23	35.2	34.1	0	0
19/07/23	03:45	36.4	34.6	32.5	30.0	0.4	0	27/06/23	35.1	33.8	0	0
19/07/23	04:00	36.3	34.2	34.4	32.6	0.4	0	27/06/23	35.0	33.0	1.8	0
19/07/23	04:15	36.3	33.9	33.0	30.0	0.4	0	27/06/23	41.4	33.3	1.8	0
19/07/23	04:30	37.7	34.3	32.0	29.6	0.4	0	27/06/23	48.9	37.4	1.3	0
19/07/23	04:45	38.0	34.9	33.8	31.9	0.9	0	27/06/23	56.3	41.3	0.9	0
19/07/23	05:00	36.4	34.0	34.4	31.4	0.9	0	27/06/23	54.7	39.6	0.9	0
19/07/23	05:15	40.0	35.1	44.0	30.5	0.4	0	27/06/23	54.0	38.2	0.9	0
19/07/23	05:30	37.4	35.3	47.5	32.0	0.4	0	27/06/23	53.0	37.4	0	0
19/07/23	05:45	37.6	34.6	38.6	32.2	0.9	0	27/06/23	43.1	36.7	0.4	0
19/07/23	06:00	39.7	35.8	40.2	32.6	0.4	0	27/06/23	48.0	38.3	0.4	0
19/07/23	06:15	38.6	34.7	38.6	31.6	0	0	27/06/23	49.2	37.3	0.9	0
19/07/23	06:30	39.0	35.6	37.5	32.2	0.4	0	27/06/23	49.8	37.6	0	0
19/07/23	06:45	42.3	36.2	38.4	32.1	0.4	0	27/06/23	52.8	38.4	0.4	0
19/07/23	07:00	41.2	34.9	36.3	31.8	0.4	0	27/06/23	54.4	38.2	0.9	0
19/07/23	07:15	43.2	36.7	37.1	31.5	0.9	0	27/06/23	52.1	37.6	0.9	0
19/07/23	07:30	48.8	37.7	35.0	30.9	0.4	0	27/06/23	45.9	37.3	1.3	0
19/07/23	07:45	42.6	37.4	34.7	31.2	0.9	0	27/06/23	42.3	36.5	1.8	0
19/07/23	08:00	40.1	37.3	37.2	31.4	0.4	0	27/06/23	42.6	35.3	1.8	0
19/07/23	08:15	40.0	36.8	37.2	32.0	1.3	0	27/06/23	46.7	35.2	1.8	0
19/07/23	08:30	40.0	37.0	42.0	31.8	0.4	0	27/06/23	43.0	35.5	2.2	0
19/07/23	08:45	46.9	37.4	38.4	31.4	0.9	0	27/06/23	50.0	36.2	1.8	0
19/07/23	09:00	48.4	37.1	35.0	32.0	1.3	0	27/06/23	47.4	37.3	1.8	0
19/07/23	09:15	40.1	36.9	38.4	34.2	1.8	0	27/06/23	41.7	34.6	2.7	0
19/07/23	09:30	41.8	35.8	36.6	32.9	1.3	0	27/06/23	45.8	35.5	2.7	0
19/07/23	09:45	40.0	36.2	37.1	32.0	0.9	0	27/06/23	42.1	36.5	3.1	0
19/07/23	10:00	42.4	37.8	43.6	32.9	1.3	0	27/06/23	42.8	37.4	3.6	0
19/07/23	10:15	40.2	37.4	35.0	31.6	0.9	0	27/06/23	44.1	38.5	4	0
19/07/23	10:30	41.0	37.5	36.5	32.4	1.3	0	27/06/23	43.1	37.3	3.6	0
19/07/23	10:45	41.0	37.6	37.3	33.6	1.8	0	27/06/23	42.8	37.4	3.6	0
19/07/23	11:00	40.5	37.1	39.6	32.2	1.3	0	27/06/23	41.5	36.6	4	0
19/07/23	11:15	41.9	37.2	35.0	32.5	1.3	0	27/06/23	41.7	37.1	3.6	0
19/07/23	11:30	39.6	36.3	37.0	33.1	1.3	0	27/06/23	42.3	37.4	3.6	0
19/07/23	11:45	38.7	36.4	37.3	32.1	1.8	0	27/06/23	43.4	37.9	4	0

Start	Start	RP4A: Pennar Point		RP3: Lambeeth Farm		Wind	Rain	Start	RP2A: Greenhill Farm		Wind	Rain
Date	Time	LAeq	LAF90.0	LAeq	LAF90.0	Speed m/s	mm	Date	LAeq	LAF90.0	Speed m/s	mm
19/07/23	12:00	39.3	36.6	38.4	32.0	1.8	0	27/06/23	41.7	36.9	3.6	0
19/07/23	12:15	40.3	37.2	36.7	32.7	1.8	0	27/06/23	43.3	37.9	4.5	0
19/07/23	12:30	42.2	38.0	38.2	32.3	2.2	0	27/06/23	39.7	36.4	3.6	0
19/07/23	12:45	40.5	38.0	37.6	32.6	2.7	0	27/06/23	39.5	35.7	3.6	0
19/07/23	13:00	44.1	37.4	48.7	32.2	2.7	0	27/06/23	40.5	36.5	3.6	0
19/07/23	13:15	40.3	36.9	35.0	30.7	2.2	0	27/06/23	43.9	38.4	4	0
19/07/23	13:30	41.2	37.8	60.1	32.1	2.7	0	27/06/23	42.7	38.3	4	0
19/07/23	13:45	41.2	37.4	39.4	31.5	2.7	0	27/06/23	49.0	39.3	3.6	0
19/07/23	14:00	42.0	37.5	46.8	32.5	2.2	0	27/06/23	45.1	40.5	4	0
19/07/23	14:15	40.8	37.1	38.5	32.1	2.7	0	27/06/23	45.9	40.8	4.5	0
19/07/23	14:30	41.4	37.5	36.7	32.5	2.7	0	27/06/23	42.7	38.3	3.6	0
19/07/23	14:45	41.0	37.9	35.8	31.0	2.2	0	27/06/23	41.6	36.6	3.6	0
19/07/23	15:00	40.5	37.0	42.6	31.9	2.2	0	27/06/23	45.0	39.9	4.5	0
19/07/23	15:15	41.3	37.7	40.0	32.2	2.7	0	27/06/23	44.5	38.9	4.5	0
19/07/23	15:30	42.6	37.6	40.8	33.1	2.7	0	27/06/23	45.5	41.0	4.9	0
19/07/23	15:45	41.3	37.3	40.3	32.1	2.7	0	27/06/23	46.2	40.7	4.5	0
19/07/23	16:00	42.2	38.2	40.1	31.2	3.1	0	27/06/23	47.0	41.0	4.9	0
19/07/23	16:15	44.6	38.0	34.5	30.5	3.1	0	27/06/23	49.6	40.6	4.9	0
19/07/23	16:30	41.3	37.5	40.6	31.8	2.7	0	27/06/23	45.2	40.3	4.5	0
19/07/23	16:45	42.4	38.1	39.0	31.7	2.7	0	27/06/23	44.5	39.3	3.6	0
19/07/23	17:00	43.1	38.6	38.7	32.8	2.7	0	27/06/23	45.0	40.6	3.6	0
19/07/23	17:15	44.7	39.6	37.9	33.0	3.1	0	27/06/23	45.2	40.6	4	0
19/07/23	17:30	44.8	39.6	43.3	32.7	3.1	0	27/06/23	44.6	40.0	4.5	0
19/07/23	17:45	46.2	40.2	36.8	32.3	3.1	0	27/06/23	44.1	39.6	4	0
19/07/23	18:00	44.2	39.8	38.0	32.1	3.1	0	27/06/23	43.7	39.1	4	0
19/07/23	18:15	44.5	39.6	37.3	32.9	3.1	0	27/06/23	41.2	37.8	3.6	0
19/07/23	18:30	42.2	38.9	35.5	32.9	3.1	0	27/06/23	42.3	37.1	4	0
19/07/23	18:45	41.3	38.4	37.6	31.5	2.2	0	27/06/23	42.7	38.0	4	0
19/07/23	19:00	42.0	38.2	34.1	30.7	2.2	0	27/06/23	44.7	36.8	4	0
19/07/23	19:15	41.7	38.1	35.3	30.9	1.8	0	27/06/23	42.4	36.4	3.6	0
19/07/23	19:30	41.4	38.1	36.5	29.7	1.8	0	27/06/23	44.4	36.1	2.7	0
19/07/23	19:45	40.8	38.2	37.1	30.9	1.8	0	27/06/23	41.2	36.5	3.1	0
19/07/23	20:00	40.4	38.1	33.5	31.6	1.8	0	27/06/23	45.3	37.3	2.7	0
19/07/23	20:15	43.3	38.1	36.7	31.2	1.8	0	27/06/23	49.8	35.5	2.7	0
19/07/23	20:30	40.1	37.5	40.0	31.9	1.8	0	27/06/23	38.6	34.6	2.2	0
19/07/23	20:45	40.1	38.2	33.5	31.2	1.3	0	27/06/23	48.1	35.5	2.7	0
19/07/23	21:00	40.0	37.7	33.3	31.4	1.3	0	27/06/23	38.8	35.7	2.7	0
19/07/23	21:15	39.8	37.7	36.1	32.9	1.3	0	27/06/23	37.4	34.9	2.7	0
19/07/23	21:30	39.2	36.7	37.4	34.1	1.3	0	27/06/23	37.2	35.2	2.7	0
19/07/23	21:45	39.2	37.2	37.7	34.4	1.3	0	27/06/23	37.7	34.7	2.7	0
19/07/23	22:00	38.3	37.0	35.8	34.3	0.4	0	27/06/23	39.1	35.0	2.7	0
19/07/23	22:15	38.1	36.8	35.6	34.0	0	0	27/06/23	36.7	35.0	2.2	0
19/07/23	22:30	40.5	37.1	36.1	34.5	0	0	27/06/23	35.1	33.6	2.7	0
19/07/23	22:45	38.0	36.8	37.2	35.8	0	0	27/06/23	37.2	35.0	2.7	0
19/07/23	23:00	37.8	36.8	38.0	36.2	0	0	27/06/23	36.6	34.3	2.2	0
19/07/23	23:15	40.0	38.0	37.7	35.6	0	0	27/06/23	36.6	34.6	2.7	0
19/07/23	23:30	42.1	39.1	37.4	35.7	0	0	27/06/23	37.5	34.6	2.7	0
19/07/23	23:45	41.3	39.8	37.8	36.5	0	0	27/06/23	37.2	35.3	2.7	0

Start	Start	RP4A: Pennar Point		RP3: Lambeeth Farm		Wind	Rain	Start	RP2A: Greenhill Farm		Wind	Rain
Date	Time	LAeq	LAF90.0	LAeq	LAF90.0	Speed m/s	mm	Date	LAeq	LAF90.0	Speed m/s	mm
20/07/23	00:00	40.6	38.9	37.8	36.5	0	0	28/06/23	35.9	34.5	2.2	0
20/07/23	00:15	41.5	39.9	37.2	35.8	0	0	28/06/23	36.2	34.9	2.2	0
20/07/23	00:30	41.3	39.3	37.0	35.2	0	0	28/06/23	36.6	34.7	2.7	0
20/07/23	00:45	39.9	37.7	35.6	33.7	0	0	28/06/23	37.2	35.1	2.7	0
20/07/23	01:00	39.7	37.7	35.1	32.5	0	0	28/06/23	37.9	35.6	2.7	0
20/07/23	01:15	41.5	39.5	33.7	31.1	0	0	28/06/23	37.0	35.1	3.1	0
20/07/23	01:30	38.9	37.2	32.5	29.2	0	0	28/06/23	36.8	35.5	2.2	0
20/07/23	01:45	42.4	40.3	31.2	29.0	0	0	28/06/23	36.5	34.7	2.2	0
20/07/23	02:00	42.9	41.5	31.7	29.0	0	0	28/06/23	35.5	33.9	2.2	0
20/07/23	02:15	44.0	42.8	31.5	28.7	0	0	28/06/23	35.9	34.0	2.7	0
20/07/23	02:30	42.9	41.9	32.8	31.0	0	0	28/06/23	36.4	34.3	2.7	0
20/07/23	02:45	42.9	41.6	34.2	32.1	0	0	28/06/23	35.8	34.6	2.2	0
20/07/23	03:00	44.0	43.0	35.3	33.7	0	0	28/06/23	35.4	34.0	1.8	0
20/07/23	03:15	42.9	41.0	35.4	33.9	0	0	28/06/23	35.5	34.1	1.8	0
20/07/23	03:30	41.2	39.5	33.6	31.7	0	0	28/06/23	35.9	34.5	1.3	0
20/07/23	03:45	41.6	40.3	34.8	32.3	0	0	28/06/23	36.2	34.6	1.8	0
20/07/23	04:00	44.2	43.2	38.6	37.0	0	0	28/06/23	36.4	34.3	1.8	0
20/07/23	04:15	44.2	42.6	38.0	36.7	0	0	28/06/23	41.7	34.1	2.2	0
20/07/23	04:30	42.4	41.0	36.4	35.1	0	0	28/06/23	52.4	37.3	1.8	0
20/07/23	04:45	40.9	39.2	36.1	34.4	0	0	28/06/23	55.1	41.1	2.2	0
20/07/23	05:00	41.5	39.8	34.8	32.4	0	0	28/06/23	55.5	39.6	1.8	0
20/07/23	05:15	41.7	39.4	35.1	32.5	0	0	28/06/23	50.6	37.8	2.2	0
20/07/23	05:30	42.0	40.3	37.4	34.2	0	0	28/06/23	40.2	36.8	2.2	0
20/07/23	05:45	43.0	41.2	38.7	34.8	0	0	28/06/23	58.0	36.8	2.2	0
20/07/23	06:00	42.9	41.4	39.8	33.9	0	0	28/06/23	59.8	37.6	1.8	0
20/07/23	06:15	47.2	42.2	37.8	34.5	0	0	28/06/23	55.4	37.2	1.8	0
20/07/23	06:30	46.8	42.5	39.3	36.3	0	0	28/06/23	41.2	37.0	2.2	0
20/07/23	06:45	47.1	42.5	40.5	33.2	0	0	28/06/23	44.9	37.9	2.7	0
20/07/23	07:00	46.0	41.8	39.4	32.2	0	0	28/06/23	46.5	37.9	2.7	0
20/07/23	07:15	48.7	44.5	45.7	33.1	0	0	28/06/23	42.9	37.6	2.7	0
20/07/23	07:30	48.4	44.3	39.9	32.9	0	0	28/06/23	41.6	37.1	2.7	0
20/07/23	07:45	47.0	43.9	39.9	36.5	0	0	28/06/23	42.5	35.7	2.7	0
20/07/23	08:00	48.8	46.1	41.3	35.3	0	0	28/06/23	42.5	35.0	3.1	0
20/07/23	08:15	46.9	45.6	40.6	35.8	0	0	28/06/23	40.8	36.1	3.1	0
20/07/23	08:30	46.1	43.0	40.5	34.5	0	0	28/06/23	39.7	35.9	2.7	0
20/07/23	08:45	44.3	39.4	39.4	32.3	0	0	28/06/23	39.0	35.3	3.1	0
20/07/23	09:00	40.5	36.1	37.0	30.2	0	0	28/06/23	43.1	36.7	3.1	0
20/07/23	09:15	40.3	35.8	38.4	30.1	0	0	28/06/23	42.9	37.0	3.1	0
20/07/23	09:30	40.0	36.4	34.9	28.9	0	0	28/06/23	44.6	36.0	2.7	0
20/07/23	09:45	41.2	36.5	38.8	29.6	0	0	28/06/23	39.5	35.3	2.7	0
20/07/23	10:00	44.1	37.8	41.4	29.8	0	0	28/06/23	41.3	36.1	3.6	0
20/07/23	10:15	43.2	38.0	37.0	27.1	0	0	28/06/23	39.8	34.7	3.1	0
20/07/23	10:30	43.6	37.7	41.9	27.7	0	0	28/06/23	37.5	34.3	2.7	0
20/07/23	10:45	44.1	38.2	41.8	31.2	0	0	28/06/23	40.9	35.5	3.1	0
20/07/23	11:00	39.5	36.8	47.2	31.1	0.4	0	28/06/23	39.2	35.3	3.6	0
20/07/23	11:15	40.4	36.8	42.0	31.2	0.9	0	28/06/23	45.1	36.3	3.1	0
20/07/23	11:30	40.9	37.3	38.2	30.7	1.3	0	28/06/23	40.1	35.9	3.6	0
20/07/23	11:45	39.0	35.7	38.7	33.5	1.8	0	28/06/23	39.3	35.9	3.1	0

Start Date	Start Time	RP4A: Pennar Point		RP3: Lambeeth Farm		Wind Speed m/s	Rain mm	Start Date	RP2A: Greenhill Farm		Wind Speed m/s	Rain mm
		LAeq	LAF90.0	LAeq	LAF90.0				LAeq	LAF90.0		
20/07/23	12:00	39.4	36.9	37.4	31.8	0.9	0	28/06/23	40.0	35.0	3.1	0
20/07/23	12:15	40.9	37.5	37.4	32.7	1.3	0	28/06/23	39.6	35.4	3.1	0
20/07/23	12:30	39.6	37.1	41.1	32.3	1.3	0	28/06/23	40.7	36.5	2.7	0
20/07/23	12:45	39.6	35.9	39.7	30.3	0.9	0	28/06/23	42.2	38.5	3.1	0
20/07/23	13:00	40.6	36.1	46.5	31.1	1.3	0	28/06/23	40.9	37.8	3.6	0
20/07/23	13:15	38.5	35.7	42.6	32.5	1.3	0	28/06/23	41.1	37.6	3.1	0
20/07/23	13:30	40.2	37.4	37.8	32.4	1.3	0	28/06/23	40.1	36.9	2.7	0
20/07/23	13:45	40.5	36.9	37.2	32.8	1.8	0	28/06/23	39.7	36.1	3.1	0
20/07/23	14:00	40.1	36.9	37.9	31.6	0.9	0	28/06/23	39.9	36.4	3.1	0
20/07/23	14:15	43.6	35.5	34.3	30.4	0.4	0	28/06/23	39.4	36.0	3.1	0
20/07/23	14:30	38.6	34.3	35.7	31.2	0.9	0	28/06/23	40.1	36.1	2.7	0
20/07/23	14:45	56.7	34.9	54.0	32.6	0.9	0	28/06/23	40.5	36.1	3.1	0
20/07/23	15:00	36.6	34.0	35.2	31.8	0.9	0	28/06/23	38.9	36.0	2.7	0
20/07/23	15:15	39.5	34.2	36.1	32.2	0.9	0	28/06/23	40.4	35.9	1.8	0
20/07/23	15:30	38.1	35.3	37.6	32.3	1.3	0	28/06/23	39.8	37.1	2.2	0
20/07/23	15:45	40.2	36.2	37.7	31.1	1.3	0	28/06/23	40.0	38.2	2.7	0
20/07/23	16:00	38.3	35.3	38.8	30.7	1.3	0	28/06/23	49.4	39.8	1.8	0
20/07/23	16:15	37.6	34.5	40.8	32.3	1.3	0	28/06/23	49.0	40.2	1.8	0
20/07/23	16:30	41.8	34.5	37.9	31.1	1.3	0	28/06/23	44.5	40.8	2.7	0
20/07/23	16:45	39.5	36.0	38.2	32.8	1.3	0	28/06/23	43.0	40.7	1.8	0
20/07/23	17:00	40.8	36.5	52.3	38.0	1.3	0	28/06/23	43.0	41.6	1.8	0
20/07/23	17:15	40.5	36.7	57.8	36.3	1.3	0	28/06/23	44.0	42.3	1.8	0
20/07/23	17:30	43.4	38.0	44.4	36.1	2.2	0	28/06/23	43.1	41.6	1.8	0
20/07/23	17:45	41.0	36.7	41.4	34.1	2.2	0	28/06/23	42.8	41.5	1.8	0
20/07/23	18:00	42.1	37.0	37.8	32.9	1.8	0	28/06/23	42.7	41.3	1.3	0
20/07/23	18:15	38.5	35.8	45.6	33.5	1.3	0	28/06/23	42.5	41.0	0.9	0
20/07/23	18:30	39.6	36.8	40.8	32.3	1.3	0	28/06/23	41.8	40.4	0.9	0
20/07/23	18:45	39.4	36.1	35.7	31.6	0.9	0	28/06/23	42.0	40.3	0.9	0
20/07/23	19:00	42.4	36.8	37.1	32.5	1.8	0	28/06/23	41.2	39.8	0.4	0
20/07/23	19:15	38.8	35.9	35.3	32.0	1.3	0	28/06/23	40.4	38.9	0.4	0
20/07/23	19:30	40.6	36.1	37.2	31.8	1.3	0	28/06/23	40.2	38.8	0.4	0
20/07/23	19:45	39.1	35.9	37.7	31.4	1.3	0	28/06/23	40.1	38.4	0.4	0
20/07/23	20:00	39.2	36.1	35.3	30.8	1.3	0	28/06/23	44.1	38.7	0.4	0
20/07/23	20:15	42.1	38.4	33.5	30.4	1.8	0	28/06/23	43.1	39.2	0.9	0
20/07/23	20:30	42.2	38.2	37.4	32.2	2.2	0	28/06/23	42.4	36.6	1.3	0
20/07/23	20:45	40.5	38.3	40.9	35.9	1.8	0	28/06/23	39.3	35.9	2.2	0
20/07/23	21:00	45.0	38.9	46.5	31.8	0.9	0	28/06/23	37.6	35.9	1.8	0
20/07/23	21:15	40.6	38.5	33.7	31.7	1.3	0	28/06/23	40.4	36.2	2.2	0
20/07/23	21:30	41.7	38.6	37.3	32.7	0.9	0	28/06/23	37.7	36.8	2.2	0
20/07/23	21:45	41.3	39.0	38.0	34.0	1.3	0	28/06/23	37.7	36.9	1.3	0
20/07/23	22:00	39.6	38.1	35.7	34.0	0.9	0	28/06/23	39.0	37.8	1.3	0
20/07/23	22:15	39.8	37.9	37.2	34.1	0.9	0	28/06/23	38.4	37.4	0.9	0
20/07/23	22:30	38.9	37.4	41.1	34.4	1.3	0	28/06/23	38.2	37.5	0.4	0
20/07/23	22:45	40.2	38.3	40.8	34.4	1.3	0	28/06/23	38.5	37.8	0	0
20/07/23	23:00	40.9	38.6	42.6	35.9	0.9	0	28/06/23	38.5	37.8	0	0
20/07/23	23:15	40.2	38.7	41.1	36.5	0.9	0	28/06/23	38.9	37.9	0	0
20/07/23	23:30	39.2	37.1	39.6	36.3	0	0	28/06/23	40.6	39.6	0	0
20/07/23	23:45	38.9	37.1	42.4	35.8	0.9	0	28/06/23	40.2	39.5	0	0

Start	Start	RP4A: Pennar Point		RP3: Lambeeth Farm		Wind	Rain	Start	RP2A: Greenhill Farm		Wind	Rain
Date	Time	LAeq	LAF90.0	LAeq	LAF90.0	Speed m/s	mm	Date	LAeq	LAF90.0	Speed m/s	mm
21/07/23	00:00	40.3	38.1	40.0	35.7	0.9	0	29/06/23	40.1	39.3	0	0
21/07/23	00:15	42.1	40.5	37.6	35.4	0.9	0	29/06/23	40.7	39.7	0	0
21/07/23	00:30	41.1	39.4	36.5	34.2	0.9	0	29/06/23	40.8	40.0	0	0
21/07/23	00:45	39.6	38.3	35.3	34.0	1.3	0	29/06/23	41.7	40.5	0	0
21/07/23	01:00	40.1	38.5	35.4	34.2	1.3	0	29/06/23	39.9	38.9	0	0
21/07/23	01:15	40.9	39.7	34.8	33.2	0	0	29/06/23	40.1	39.3	0	0
21/07/23	01:30	40.6	39.4	33.7	32.2	0	0	29/06/23	40.0	39.1	0	0
21/07/23	01:45	40.5	39.2	34.2	32.7	0	0	29/06/23	39.6	38.9	0.4	0
21/07/23	02:00	40.1	38.5	33.4	32.0	0.4	0	29/06/23	39.8	39.0	1.3	0
21/07/23	02:15	40.1	38.7	33.5	32.1	0.9	0	29/06/23	40.1	39.3	0.4	0
21/07/23	02:30	40.6	38.9	33.9	32.6	0.4	0	29/06/23	41.3	40.2	0.9	0
21/07/23	02:45	40.6	39.0	34.7	33.1	0	0	29/06/23	41.2	40.1	0.9	0
21/07/23	03:00	40.5	39.1	35.4	34.0	0	0	29/06/23	41.5	40.4	1.3	0
21/07/23	03:15	40.9	39.5	35.9	34.4	0.4	0	29/06/23	40.9	40.1	1.3	0
21/07/23	03:30	41.0	39.8	35.2	34.1	0.4	0	29/06/23	40.4	39.4	0.9	0
21/07/23	03:45	41.3	39.8	35.4	34.2	0	0	29/06/23	40.1	39.3	1.3	0
21/07/23	04:00	40.1	38.5	35.5	34.0	0.4	0	29/06/23	40.8	39.7	0.9	0
21/07/23	04:15	41.0	39.8	35.3	34.0	0	0	29/06/23	42.6	40.2	1.3	0
21/07/23	04:30	40.8	39.4	35.4	34.0	0	0	29/06/23	54.6	42.5	0.9	0
21/07/23	04:45	40.1	38.7	35.1	33.5	0	0	29/06/23	50.1	42.8	1.3	0
21/07/23	05:00	39.9	38.8	36.5	33.6	0.4	0	29/06/23	53.1	41.5	1.3	0
21/07/23	05:15	40.6	39.0	42.0	34.5	0.9	0	29/06/23	54.1	42.1	1.3	0
21/07/23	05:30	40.8	39.4	39.8	34.9	0.9	0	29/06/23	59.4	41.5	1.3	0
21/07/23	05:45	43.5	40.1	42.9	35.1	0.9	0	29/06/23	45.2	40.6	0.9	0
21/07/23	06:00	40.5	38.3	37.4	34.9	0.4	0	29/06/23	45.5	40.6	0.9	0
21/07/23	06:15	40.5	38.1	38.5	34.6	0.4	0	29/06/23	46.5	41.7	1.3	0
21/07/23	06:30	44.8	38.8	38.7	35.2	0.9	0	29/06/23	47.0	42.5	0.9	0
21/07/23	06:45	47.1	38.4	38.0	34.9	0.4	0	29/06/23	45.3	41.7	0.9	0
21/07/23	07:00	44.0	40.8	37.5	35.2	1.3	0	29/06/23	47.1	41.3	0.4	0
21/07/23	07:15	46.3	42.4	38.4	34.3	1.3	0	29/06/23	47.8	41.8	1.3	0
21/07/23	07:30	43.1	38.0	38.9	32.6	0.9	0	29/06/23	46.6	42.2	1.3	0
21/07/23	07:45	44.5	40.5	37.5	33.7	1.3	0	29/06/23	45.0	41.7	1.3	0
21/07/23	08:00	43.1	40.1	40.3	34.8	1.8	0	29/06/23	46.0	42.2	1.3	0
21/07/23	08:15	43.0	40.5	38.3	33.3	0.9	0	29/06/23	45.8	41.8	1.8	0
21/07/23	08:30	43.5	40.5	38.9	33.7	1.8	0	29/06/23	43.0	41.4	1.8	0
21/07/23	08:45	53.8	40.6	55.3	34.1	2.2	0	29/06/23	43.1	41.3	1.8	0
21/07/23	09:00	43.7	40.5	44.0	34.8	2.2	0	29/06/23	42.9	41.4	1.8	0
21/07/23	09:15	43.4	40.7	40.8	34.3	1.8	0	29/06/23	42.4	40.8	1.3	0
21/07/23	09:30	44.3	41.5	39.3	34.0	2.2	0	29/06/23	42.4	40.7	1.3	0
21/07/23	09:45	44.3	40.0	38.8	33.5	2.2	0	29/06/23	42.1	40.4	1.3	0
21/07/23	10:00	42.3	38.3	43.1	33.7	1.8	0	29/06/23	42.4	40.4	1.8	0
21/07/23	10:15	45.2	39.2	39.4	34.3	2.7	0	29/06/23	40.9	38.9	1.3	0
21/07/23	10:30	43.4	38.7	37.7	32.8	2.7	0	29/06/23	49.9	39.4	2.2	0
21/07/23	10:45	43.8	39.3	36.4	33.6	1.8	0	29/06/23	41.3	39.4	2.2	0
21/07/23	11:00	43.6	39.4	38.1	34.2	2.7	0	29/06/23	41.8	39.6	2.7	0
21/07/23	11:15	44.3	40.0	38.1	33.4	2.7	0	29/06/23	42.7	39.3	2.7	0
21/07/23	11:30	45.8	41.2	38.1	33.9	2.7	0	29/06/23	43.8	39.3	2.7	0
21/07/23	11:45	49.0	41.9	43.6	36.1	2.7	0	29/06/23	41.5	39.4	3.1	0

Start	Start	RP4A: Pennar Point		RP3: Lambeeth Farm		Wind	Rain	Start	RP2A: Greenhill Farm		Wind	Rain
Date	Time	LAeq	LAF90.0	LAeq	LAF90.0	Speed m/s	mm	Date	LAeq	LAF90.0	Speed m/s	mm
21/07/23	12:00	44.9	40.5	39.4	34.3	2.7	0	29/06/23	42.4	39.8	3.6	0
21/07/23	12:15	48.3	39.3	45.0	34.7	2.7	0	29/06/23	42.5	39.8	3.6	0
21/07/23	12:30	47.0	39.3	41.2	32.9	2.7	0	29/06/23	41.3	39.3	3.6	0
21/07/23	12:45	45.7	40.2	43.9	32.7	2.7	0	29/06/23	42.9	39.5	3.1	0
21/07/23	13:00	44.7	39.9	45.4	32.4	2.7	0	29/06/23	40.4	38.3	2.7	0
21/07/23	13:15	43.1	38.3	42.1	33.2	2.7	0	29/06/23	40.4	38.2	2.7	0
21/07/23	13:30	43.0	38.2	39.9	32.6	2.7	0	29/06/23	41.6	39.3	3.1	0
21/07/23	13:45	47.9	42.4	43.1	33.1	3.1	0	29/06/23	40.9	38.7	3.1	0
21/07/23	14:00	45.8	41.0	46.4	33.3	2.7	0	29/06/23	40.6	38.5	3.1	0
21/07/23	14:15	48.8	40.2	43.7	33.3	2.7	0	29/06/23	40.3	38.2	2.7	0
21/07/23	14:30	50.2	43.4	44.3	32.6	3.1	0	29/06/23	40.2	38.0	2.7	0
21/07/23	14:45	47.2	40.6	42.4	32.1	2.7	0	29/06/23	40.7	37.5	3.6	0
21/07/23	15:00	48.2	39.7	39.8	32.5	3.1	0	29/06/23	41.2	37.7	3.6	0
21/07/23	15:15	44.2	39.8	50.1	36.1	3.6	0	29/06/23	42.6	38.3	3.6	0
21/07/23	15:30	47.4	40.0	51.3	32.8	3.1	0	29/06/23	44.6	39.5	4	0
21/07/23	15:45	45.3	40.0	50.2	36.6	3.6	0	29/06/23	43.4	39.3	3.6	0
21/07/23	16:00	48.1	40.3	51.6	49.1	3.6	0	29/06/23	44.3	39.3	4	0
21/07/23	16:15	46.0	40.2	51.9	38.2	4	0	29/06/23	44.6	40.0	4	0
21/07/23	16:30	47.7	40.5	54.5	51.9	4	0	29/06/23	44.4	39.6	4.5	0
21/07/23	16:45	45.5	40.8	52.3	48.5	4	0	29/06/23	44.4	40.0	4	0
21/07/23	17:00	46.6	41.0	49.8	42.5	3.1	0	29/06/23	45.5	40.6	4	0
21/07/23	17:15	45.9	41.0	50.3	44.3	3.6	0	29/06/23	46.4	41.3	4.5	0
21/07/23	17:30	50.4	42.5	51.7	41.1	4.9	0	29/06/23	45.8	40.5	4.5	0
21/07/23	17:45	47.8	41.5	50.2	37.1	4	0	29/06/23	44.4	39.0	4.5	0
21/07/23	18:00	47.5	41.7	46.1	34.9	4	0	29/06/23	45.1	39.7	3.6	0
21/07/23	18:15	44.4	40.3	39.2	34.2	4	0	29/06/23	42.9	38.3	3.6	0
21/07/23	18:30	50.1	41.6	49.6	35.0	3.1	0	29/06/23	43.0	37.8	3.6	0
21/07/23	18:45	50.6	42.3	45.0	33.6	3.1	0	29/06/23	42.5	37.1	3.1	0
21/07/23	19:00	51.6	42.9	38.8	34.4	3.6	0	29/06/23	43.4	38.3	3.1	0
21/07/23	19:15	50.5	43.0	36.1	33.5	2.7	0	29/06/23	39.3	35.9	3.1	0
21/07/23	19:30	49.6	41.9	35.6	33.0	3.1	0	29/06/23	39.5	34.9	3.1	0
21/07/23	19:45	52.9	44.9	40.3	35.4	3.1	0	29/06/23	39.3	35.3	2.7	0
21/07/23	20:00	53.3	44.2	46.9	36.7	3.6	0	29/06/23	45.4	35.4	2.2	0
21/07/23	20:15	49.6	42.7	43.8	35.3	3.6	0	29/06/23	40.3	35.9	2.2	0
21/07/23	20:30	54.3	45.8	46.1	35.2	3.6	0	29/06/23	37.7	35.1	2.2	0
21/07/23	20:45	53.2	43.9	46.2	35.3	3.6	0	29/06/23	37.7	34.9	2.2	0
21/07/23	21:00	52.7	44.7	44.9	35.9	3.1	0	29/06/23	37.1	34.6	2.2	0
21/07/23	21:15	53.6	45.1	50.3	36.0	3.1	0	29/06/23	35.6	34.6	1.8	0
21/07/23	21:30	51.5	43.8	53.5	49.4	2.7	0	29/06/23	35.5	34.4	1.3	0
21/07/23	21:45	51.9	43.9	52.8	49.9	3.1	0	29/06/23	35.5	34.1	0.9	0
21/07/23	22:00	50.3	43.5	52.9	49.6	3.1	0	29/06/23	36.1	34.4	0.9	0
21/07/23	22:15	50.5	43.2	51.9	46.5	2.7	0	29/06/23	36.1	34.9	1.8	0
21/07/23	22:30	50.7	43.5	48.5	36.3	2.7	0	29/06/23	35.9	34.8	1.8	0
21/07/23	22:45	51.4	44.5	43.5	35.7	2.2	0	29/06/23	35.9	34.6	1.3	0
21/07/23	23:00	50.7	43.6	43.2	35.8	2.7	0	29/06/23	35.0	33.7	1.3	0
21/07/23	23:15	51.3	44.1	42.6	35.8	2.7	0	29/06/23	35.2	33.9	1.3	0
21/07/23	23:30	50.9	44.2	47.1	36.6	3.1	0	29/06/23	35.3	34.1	1.3	0
21/07/23	23:45	54.9	46.3	46.3	36.5	3.6	0	29/06/23	34.8	33.6	1.3	0

Start	Start	RP4A: Pennar Point		RP3: Lambeeth Farm		Wind	Rain	Start	RP2A: Greenhill Farm		Wind	Rain
Date	Time	LAeq	LAF90.0	LAeq	LAF90.0	Speed m/s	mm	Date	LAeq	LAF90.0	Speed m/s	mm
22/07/23	00:00	55.0	47.3	46.0	38.3	3.6	0	30/06/23	35.7	34.3	1.3	0
22/07/23	00:15	53.5	45.8	39.0	36.3	3.1	0	30/06/23	35.4	34.3	1.8	0
22/07/23	00:30	51.4	43.9	37.9	35.7	2.7	0	30/06/23	35.2	33.8	0.9	0
22/07/23	00:45	53.9	45.7	42.3	35.9	2.7	0	30/06/23	35.0	33.5	0.9	0
22/07/23	01:00	52.4	44.9	48.3	36.5	2.7	0	30/06/23	34.2	33.3	0.9	0
22/07/23	01:15	53.7	46.5	51.0	37.8	3.1	0	30/06/23	35.1	33.3	0.9	0
22/07/23	01:30	53.2	45.8	42.3	37.3	2.7	0	30/06/23	34.2	33.0	1.3	0
22/07/23	01:45	52.1	44.7	38.7	36.9	2.7	0	30/06/23	34.9	33.5	1.8	0
22/07/23	02:00	53.6	45.0	38.7	36.9	3.1	0	30/06/23	34.9	33.6	1.8	0
22/07/23	02:15	56.9	47.9	41.3	38.7	3.1	0	30/06/23	34.7	33.5	1.3	0
22/07/23	02:30	58.7	49.0	45.5	39.0	3.1	0.4	30/06/23	36.2	33.7	2.2	0
22/07/23	02:45	52.5	44.8	37.8	35.5	2.2	0	30/06/23	36.3	34.4	2.2	0
22/07/23	03:00	55.6	45.6	44.7	35.6	2.7	0	30/06/23	37.1	34.6	2.2	0
22/07/23	03:15	57.1	46.8	46.7	41.1	2.7	0	30/06/23	36.7	34.3	1.8	0
22/07/23	03:30	62.6	53.3	44.7	38.7	3.6	0	30/06/23	35.3	33.6	2.2	0
22/07/23	03:45	60.9	52.2	45.2	42.0	3.1	0.2	30/06/23	36.2	34.2	1.8	0
22/07/23	04:00	62.7	52.5	42.7	39.2	3.6	0	30/06/23	48.4	39.5	3.6	0
22/07/23	04:15	62.7	52.0	39.9	36.6	3.1	0	30/06/23	38.9	35.4	2.2	0
22/07/23	04:30	63.1	53.5	38.9	36.3	3.6	0	30/06/23	43.2	35.5	1.8	0
22/07/23	04:45	62.8	53.8	38.9	36.4	3.6	0	30/06/23	44.1	40.6	2.2	0
22/07/23	05:00	61.4	51.2	38.4	34.3	3.1	0	30/06/23	51.9	42.3	2.7	0
22/07/23	05:15	59.3	50.1	38.8	34.8	3.1	0	30/06/23	52.7	38.4	2.2	0
22/07/23	05:30	63.5	53.3	40.2	37.9	3.6	0	30/06/23	48.8	41.3	1.8	0
22/07/23	05:45	63.0	52.7	41.9	38.9	3.6	0	30/06/23	47.8	39.2	1.8	0
22/07/23	06:00	61.4	52.4	48.6	45.4	3.6	0.4	30/06/23	42.8	38.3	1.8	0
22/07/23	06:15	64.9	55.7	51.8	49.9	3.1	0.4	30/06/23	41.7	37.9	1.3	0
22/07/23	06:30	66.3	56.7	53.4	52.1	3.6	0.8	30/06/23	42.3	37.0	1.8	0
22/07/23	06:45	68.0	58.7	53.9	52.4	3.6	0.6	30/06/23	47.3	37.2	1.8	0
22/07/23	07:00	66.5	57.3	53.1	52.0	3.6	0.6	30/06/23	45.0	38.1	1.8	0
22/07/23	07:15	67.2	57.9	52.6	51.3	4	0.4	30/06/23	48.7	38.0	1.3	0
22/07/23	07:30	70.0	61.2	54.0	52.0	4	0.8	30/06/23	44.1	38.4	2.7	0
22/07/23	07:45	71.5	62.4	55.3	54.3	4	1	30/06/23	42.8	37.0	2.7	0
22/07/23	08:00	71.5	63.3	55.7	54.6	4.9	1.4	30/06/23	43.2	36.2	2.2	0
22/07/23	08:15	71.3	62.9	55.2	54.1	4.9	0.8	30/06/23	44.4	36.5	2.2	0
22/07/23	08:30	72.7	64.1	55.3	54.3	4.9	1	30/06/23	40.6	36.5	2.7	0
22/07/23	08:45	73.0	65.3	54.0	52.5	4.9	0.8	30/06/23	39.3	35.8	2.7	0
22/07/23	09:00	71.9	62.9	53.9	51.7	4.5	0.8	30/06/23	39.9	35.5	2.7	0
22/07/23	09:15	69.6	60.3	56.7	55.3	4	1.4	30/06/23	40.0	35.7	2.2	0
22/07/23	09:30	68.3	59.8	54.6	52.1	5.4	0.8	30/06/23	45.7	36.7	2.2	0
22/07/23	09:45	67.5	58.0	52.5	50.0	4	0.2	30/06/23	44.3	36.0	2.7	0
22/07/23	10:00	65.9	56.8	49.9	47.6	4.5	0.2	30/06/23	42.4	36.8	3.1	0
22/07/23	10:15	64.5	55.1	51.6	49.5	4	0.4	30/06/23	43.9	36.7	2.7	0
22/07/23	10:30	63.5	54.1	54.8	50.9	4	1	30/06/23	46.1	39.2	3.6	0
22/07/23	10:45	63.9	54.3	50.8	49.2	3.6	0.2	30/06/23	44.0	37.3	3.6	0
22/07/23	11:00	63.9	54.2	51.5	46.6	4	0.6	30/06/23	46.1	39.8	3.6	0
22/07/23	11:15	65.0	56.0	51.5	47.8	4.5	0.4	30/06/23	46.3	38.8	3.6	0
22/07/23	11:30	66.3	57.9	44.7	41.2	4.5	0	30/06/23	45.8	39.6	4	0
22/07/23	11:45	66.3	56.0	44.9	41.2	4.9	0	30/06/23	42.4	36.3	3.6	0

Start	Start	RP4A: Pennar Point		RP3: Lambeeth Farm		Wind	Rain	Start	RP2A: Greenhill Farm		Wind	Rain
Date	Time	LAeq	LAF90.0	LAeq	LAF90.0	Speed m/s	mm	Date	LAeq	LAF90.0	Speed m/s	mm
22/07/23	12:00	66.3	57.1	47.5	40.7	4.9	0	30/06/23	41.9	36.7	3.1	0
22/07/23	12:15	66.9	57.0	42.7	39.6	4.5	0	30/06/23	41.9	36.2	2.7	0
22/07/23	12:30	66.1	55.8	42.5	38.8	4.5	0	30/06/23	43.6	37.0	3.1	0
22/07/23	12:45	65.9	56.3	44.1	40.0	4.9	0	30/06/23	40.8	35.2	2.7	0
22/07/23	13:00	65.8	56.2	42.0	38.3	4.5	0	30/06/23	42.4	37.1	3.6	0
22/07/23	13:15	65.5	55.8	42.0	37.3	5.4	0	30/06/23	45.5	37.6	4	0
22/07/23	13:30	66.2	56.3	43.2	37.0	4.9	0	30/06/23	44.4	38.5	3.6	0
22/07/23	13:45	65.8	55.7	40.3	37.1	4.9	0	30/06/23	48.4	39.2	3.6	0
22/07/23	14:00	65.1	54.5	40.8	37.4	4.9	0	30/06/23	45.9	38.7	3.6	0
22/07/23	14:15	65.4	55.2	41.5	37.8	4	0	30/06/23	43.5	38.3	2.7	0
22/07/23	14:30	65.3	54.8	43.5	38.2	4	0.2	30/06/23	44.4	38.1	3.1	0
22/07/23	14:45	64.4	54.8	48.8	40.4	4.5	0.4	30/06/23	44.1	38.4	3.1	0
22/07/23	15:00	65.2	56.0	52.0	49.0	4.5	0.2	30/06/23	46.7	39.8	3.6	0
22/07/23	15:15	65.4	55.8	46.8	42.0	4.5	0.2	30/06/23	44.9	39.2	3.6	0
22/07/23	15:30	67.6	57.5	43.1	39.9	4.9	0	30/06/23	45.5	41.4	4	0
22/07/23	15:45	68.3	58.6	49.9	46.2	5.4	0.2	30/06/23	45.8	40.5	3.6	0
22/07/23	16:00	69.7	60.8	49.9	47.8	4.9	0.2	30/06/23	45.4	41.2	3.6	0
22/07/23	16:15	70.3	61.0	46.8	43.5	4.5	0	30/06/23	45.7	42.5	3.1	0
22/07/23	16:30	70.9	61.5	50.3	45.6	4.9	0.2	30/06/23	44.3	40.5	3.1	0
22/07/23	16:45	71.1	60.9	51.3	49.4	4.5	0.4	30/06/23	43.4	38.3	3.1	0
22/07/23	17:00	70.5	61.1	54.7	51.6	4.9	1	30/06/23	43.4	38.3	3.1	0
22/07/23	17:15	70.1	60.5	55.1	54.0	4.5	0.8	30/06/23	44.6	38.6	3.1	0
22/07/23	17:30	69.4	59.6	54.3	53.0	4	0.8	30/06/23	44.8	39.3	3.6	0
22/07/23	17:45	69.8	60.2	52.2	49.8	4.9	0.4	30/06/23	45.7	40.2	3.6	0
22/07/23	18:00	69.3	59.8	51.3	48.8	4.9	0.4	30/06/23	47.7	41.9	3.1	0
22/07/23	18:15	69.7	60.2	51.0	49.1	4.9	0.4	30/06/23	44.0	39.4	3.6	0
22/07/23	18:30	68.9	59.7	52.8	51.2	5.4	0.4	30/06/23	46.3	40.6	4	0
22/07/23	18:45	66.0	54.2	51.2	49.3	4.5	0.4	30/06/23	46.4	40.3	3.6	0
22/07/23	19:00	61.3	51.8	50.5	48.5	4	0.2	30/06/23	45.6	39.0	3.6	0
22/07/23	19:15	59.4	50.5	51.7	49.5	3.6	0.4	30/06/23	45.4	39.8	4	0
22/07/23	19:30	63.2	52.6	49.0	45.1	4	0.2	30/06/23	45.9	39.9	4	0
22/07/23	19:45	62.0	51.8	46.6	42.5	3.6	0	30/06/23	46.3	40.0	3.6	0
22/07/23	20:00	63.0	53.6	43.3	40.4	4.5	0	30/06/23	46.3	40.7	4	0
22/07/23	20:15	62.5	53.3	42.4	40.1	4	0	30/06/23	46.9	38.6	4.5	0
22/07/23	20:30	62.0	52.9	42.7	39.9	4.5	0	30/06/23	45.5	39.5	4	0
22/07/23	20:45	62.2	52.2	43.9	38.9	3.6	0	30/06/23	47.0	40.9	4.9	0
22/07/23	21:00	64.5	55.3	40.8	38.9	4.5	0	30/06/23	47.6	41.4	5.4	0
22/07/23	21:15	62.9	53.2	41.8	38.4	4.5	0	30/06/23	49.1	42.8	4.9	0
22/07/23	21:30	60.1	50.0	38.4	36.5	4	0	30/06/23	50.7	43.2	5.4	0
22/07/23	21:45	60.5	50.7	39.3	36.3	3.6	0	30/06/23	51.7	44.6	5.8	0
22/07/23	22:00	60.8	50.9	39.3	37.5	4	0	30/06/23	48.3	41.1	4.9	0
22/07/23	22:15	58.6	49.3	39.5	37.3	3.6	0	30/06/23	45.2	39.3	4	0
22/07/23	22:30	59.8	49.6	38.2	35.3	3.6	0	30/06/23	44.3	39.5	4	0
22/07/23	22:45	59.6	49.4	39.1	36.5	3.1	0	30/06/23	44.4	39.4	4.9	0
22/07/23	23:00	57.6	47.9	39.6	35.8	3.1	0	30/06/23	48.4	41.6	4.5	0
22/07/23	23:15	57.9	48.8	38.7	36.2	3.1	0	30/06/23	48.7	41.3	4.5	0
22/07/23	23:30	58.5	49.5	38.0	35.7	3.1	0	30/06/23	47.7	40.5	4.9	0
22/07/23	23:45	59.6	50.5	39.3	37.3	4	0	30/06/23	45.0	38.3	4.9	0

Start	Start	RP4A: Pennar Point		RP3: Lambeeth Farm		Wind	Rain	Start	RP2A: Greenhill Farm		Wind	Rain
Date	Time	LAeq	LAF90.0	LAeq	LAF90.0	Speed m/s	mm	Date	LAeq	LAF90.0	Speed m/s	mm
23/07/23	00:00	59.5	50.3	38.7	37.2	3.6	0	01/07/23	47.1	40.9	5.4	0
23/07/23	00:15	60.0	49.8	39.1	37.2	3.6	0	01/07/23	44.8	39.2	4.5	0
23/07/23	00:30	58.0	48.2	39.1	37.3	3.6	0	01/07/23	45.5	40.2	4.5	0
23/07/23	00:45	56.2	46.8	41.5	37.8	3.6	0	01/07/23	43.1	39.2	4.5	0
23/07/23	01:00	56.4	46.9	42.5	40.0	3.1	0	01/07/23	43.2	38.1	4.5	0
23/07/23	01:15	57.5	48.0	42.5	37.7	3.1	0.2	01/07/23	45.5	39.4	4	0
23/07/23	01:30	56.9	47.5	38.2	36.0	3.6	0	01/07/23	43.1	39.9	4.5	0
23/07/23	01:45	56.2	47.0	37.4	35.5	3.6	0	01/07/23	46.0	40.5	4.5	0
23/07/23	02:00	56.9	47.7	37.1	35.2	3.1	0	01/07/23	46.2	39.0	4.9	0
23/07/23	02:15	56.4	46.5	36.6	35.0	3.1	0	01/07/23	47.6	41.8	4.5	0
23/07/23	02:30	56.8	47.6	37.7	35.7	3.6	0	01/07/23	46.4	41.2	4	0
23/07/23	02:45	58.0	47.7	37.6	35.4	3.6	0	01/07/23	46.9	40.8	4.5	0
23/07/23	03:00	56.6	47.0	37.0	35.2	3.1	0	01/07/23	48.1	41.5	3.6	0
23/07/23	03:15	56.0	46.7	36.3	34.3	3.1	0	01/07/23	43.2	38.7	4	0
23/07/23	03:30	55.1	44.3	37.0	35.1	3.6	0	01/07/23	42.7	38.6	3.6	0
23/07/23	03:45	53.9	44.9	37.0	35.3	3.1	0	01/07/23	47.7	39.5	4	0
23/07/23	04:00	55.1	44.4	37.4	35.6	3.1	0	01/07/23	48.8	42.1	4.9	0
23/07/23	04:15	54.6	45.0	36.8	34.0	3.1		01/07/23	48.4	42.7	5.4	0
23/07/23	04:30	57.8	47.8	37.5	35.4	3.1		01/07/23	51.9	42.0	4.5	0
23/07/23	04:45	53.8	44.9	35.9	34.3	3.1	0	01/07/23	50.4	41.9	4	0
23/07/23	05:00	54.3	44.7	35.8	34.2	2.7	0	01/07/23	53.1	43.1	4.9	0
23/07/23	05:15	56.5	47.1	36.2	34.5	3.1	0	01/07/23	51.0	43.0	4.9	0
23/07/23	05:30	54.8	45.6	37.0	35.2	3.1	0	01/07/23	50.5	43.1	4.9	0
23/07/23	05:45	55.2	45.2	37.4	35.7	3.1	0	01/07/23	50.6	43.2	5.4	0
23/07/23	06:00	58.1	48.1	39.1	36.4	3.1	0	01/07/23	48.0	41.7	4.9	0
23/07/23	06:15	57.1	47.0	38.5	35.2	3.1	0	01/07/23	46.8	40.4	4.9	0
23/07/23	06:30	55.8	45.9	37.7	35.6	3.6	0	01/07/23	48.0	40.9	4.9	0
23/07/23	06:45	57.0	47.2	39.0	36.8	3.6	0	01/07/23	45.5	39.6	4.5	0
23/07/23	07:00	54.9	45.1	37.7	35.0	3.1	0	01/07/23	47.0	40.3	4.5	0
23/07/23	07:15	55.9	46.4	38.5	35.3	3.1	0	01/07/23	50.0	42.2	4.9	0
23/07/23	07:30	55.8	46.9	38.1	35.3	3.1	0	01/07/23	48.4	41.4	5.4	0
23/07/23	07:45	54.5	46.1	38.4	35.4	3.1	0	01/07/23	46.2	40.0	4.5	0
23/07/23	08:00	55.5	46.5	38.6	36.0	3.1	0	01/07/23	47.6	40.9	5.4	0
23/07/23	08:15	57.5	47.4	40.9	37.7	3.6	0	01/07/23	47.7	42.0	4.9	0
23/07/23	08:30	55.9	46.0	41.8	36.7	3.1	0	01/07/23	46.1	39.8	4.5	0
23/07/23	08:45	55.1	45.6	40.3	36.3	3.1	0	01/07/23	48.1	42.5	5.4	0
23/07/23	09:00	56.2	46.8	42.7	36.7	2.7	0	01/07/23	46.2	39.3	4.9	0
23/07/23	09:15	56.1	46.8	42.5	36.6	3.1	0	01/07/23	46.6	40.8	5.4	0
23/07/23	09:30	57.5	47.4	39.0	35.7	3.6	0	01/07/23	47.8	41.6	5.4	0
23/07/23	09:45	57.2	47.9	37.9	34.4	3.1	0	01/07/23	49.1	42.3	5.4	0
23/07/23	10:00	55.8	47.1	39.1	35.0	3.1	0	01/07/23	44.6	38.6	4.9	0
23/07/23	10:15	52.5	44.2	40.7	36.0	3.1	0	01/07/23	45.8	40.6	4.9	0
23/07/23	10:30	54.0	44.7	38.5	35.5	3.6	0	01/07/23	48.8	41.6	4.9	0
23/07/23	10:45	53.4	45.3	44.1	35.6	3.1	0	01/07/23	48.2	40.9	4.9	0
23/07/23	11:00	54.0	45.8	40.8	36.4	3.1	0	01/07/23	51.2	42.3	5.4	0
23/07/23	11:15	53.1	45.0	40.3	36.1	3.6	0	01/07/23	53.5	46.9	5.8	0
23/07/23	11:30	52.2	44.5	40.5	35.1	3.6	0	01/07/23	51.8	45.6	6.7	0
23/07/23	11:45	53.1	43.9	39.2	35.4	3.1	0	01/07/23	51.6	45.4	5.4	0

Start	Start	RP4A: Pennar Point		RP3: Lambeeth Farm		Wind	Rain	Start	RP2A: Greenhill Farm		Wind	Rain
Date	Time	LAeq	LAF90.0	LAeq	LAF90.0	Speed m/s	mm	Date	LAeq	LAF90.0	Speed m/s	mm
23/07/23	12:00	52.0	43.1	44.8	35.2	3.6	0	01/07/23	52.4	46.1	5.8	0
23/07/23	12:15	51.3	43.3	36.9	33.3	3.6	0	01/07/23	52.8	47.2	4.9	0
23/07/23	12:30	52.2	44.2	36.1	32.9	3.6	0	01/07/23	52.0	45.7	5.8	0
23/07/23	12:45	52.3	43.9	35.8	32.5	3.6	0	01/07/23	52.8	46.2	5.4	0
23/07/23	13:00	50.5	42.1	36.8	29.9	3.1	0	01/07/23	51.8	45.2	5.8	0
23/07/23	13:15	48.1	40.6	36.4	31.5	3.1	0	01/07/23	50.6	44.5	5.4	0
23/07/23	13:30	52.8	44.1	41.8	36.7	4	0	01/07/23	49.8	44.1	5.4	0
23/07/23	13:45	50.5	41.1	42.0	31.5	3.1	0	01/07/23	50.1	43.6	5.8	0
23/07/23	14:00	56.1	47.0	42.2	33.3	4.5	0	01/07/23	50.1	44.6	6.7	0
23/07/23	14:15	55.7	46.5	42.2	32.5	3.6	0	01/07/23	51.5	44.8	5.8	0
23/07/23	14:30	53.8	44.7	45.2	33.7	4	0	01/07/23	53.4	45.1	5.4	0
23/07/23	14:45	51.6	43.4	45.6	34.9	3.6	0	01/07/23	49.3	43.8	5.8	0
23/07/23	15:00	54.1	45.7	39.8	34.3	4	0	01/07/23	49.7	43.3	6.3	0
23/07/23	15:15	51.3	44.2	42.8	32.8	4	0	01/07/23	49.3	43.2	5.8	0
23/07/23	15:30	53.3	43.9	36.3	33.2	3.6	0	01/07/23	50.7	42.9	5.4	0
23/07/23	15:45	53.9	45.8	45.8	33.8	4	0	01/07/23	50.2	43.2	5.4	0
23/07/23	16:00	53.7	45.5	45.9	34.3	4	0	01/07/23	50.0	42.2	4.9	0
23/07/23	16:15	57.4	46.7	40.7	34.5	4.5	0	01/07/23	49.6	42.0	5.4	0
23/07/23	16:30	52.8	45.8	42.2	34.9	3.6	0	01/07/23	48.5	42.4	4.9	0
23/07/23	16:45	52.2	44.5	37.7	33.7	4	0	01/07/23	50.0	43.5	4.9	0
23/07/23	17:00	52.2	43.9	36.2	32.3	3.6	0	01/07/23	47.9	40.8	4.9	0
23/07/23	17:15	51.5	44.5	40.3	32.9	3.6	0	01/07/23	47.5	41.0	4.5	0
23/07/23	17:30	50.0	42.0	47.8	32.4	3.1	0	01/07/23	46.0	39.6	5.4	0
23/07/23	17:45	47.7	40.2	35.9	30.0	3.1	0	01/07/23	46.7	39.9	4.9	0
23/07/23	18:00	47.6	41.3	41.0	30.5	3.1	0	01/07/23	44.5	38.2	4.9	0
23/07/23	18:15	48.6	42.0	42.1	30.4	2.7	0	01/07/23	41.4	38.2	4.5	0
23/07/23	18:30	47.5	41.1	39.9	30.9	2.7	0	01/07/23	43.8	39.5	4.5	0
23/07/23	18:45	51.8	41.5	39.0	31.5	2.7	0	01/07/23	43.0	39.3	4	0
23/07/23	19:00	46.0	39.9	39.1	31.7	2.2	0	01/07/23	43.0	38.6	3.6	0
23/07/23	19:15	47.2	39.8	37.0	31.3	2.7	0	01/07/23	44.2	38.8	4.5	0
23/07/23	19:30	48.2	40.3	42.7	30.5	2.7	0	01/07/23	44.7	40.2	4.5	0
23/07/23	19:45	45.7	40.3	41.6	30.8	2.2	0	01/07/23	42.2	37.8	4.9	0
23/07/23	20:00	46.4	40.6	37.8	30.8	2.2	0	01/07/23	41.6	37.3	3.6	0
23/07/23	20:15	45.9	40.7	37.2	32.2	2.2	0	01/07/23	42.0	38.5	4	0
23/07/23	20:30	46.2	41.1	37.9	32.6	1.8	0	01/07/23	42.7	39.4	3.6	0
23/07/23	20:45	46.3	40.6	40.6	34.9	1.8	0	01/07/23	43.1	38.4	3.6	0
23/07/23	21:00	45.5	40.2	41.2	34.7	2.2	0	01/07/23	41.9	38.2	3.6	0
23/07/23	21:15	44.0	39.5	47.8	35.4	1.8	0	01/07/23	43.2	39.6	3.6	0
23/07/23	21:30	42.3	39.4	47.9	35.3	1.3	0	01/07/23	40.9	37.9	2.7	0
23/07/23	21:45	41.7	39.3	51.2	37.4	1.3	0	01/07/23	41.5	38.7	2.7	0
23/07/23	22:00	41.9	40.1	52.6	37.5	1.3	0	01/07/23	42.4	39.3	2.7	0
23/07/23	22:15	42.4	40.1	54.5	52.0	1.3	0	01/07/23	41.5	39.1	3.1	0
23/07/23	22:30	43.3	40.4	54.4	52.0	1.3	0	01/07/23	42.1	39.3	2.7	0
23/07/23	22:45	43.9	40.6	53.0	50.0	1.8	0	01/07/23	41.0	38.6	3.1	0
23/07/23	23:00	43.9	40.2	53.1	50.0	1.3	0	01/07/23	38.3	36.5	2.2	0
23/07/23	23:15	43.1	40.1	52.8	47.9	1.3	0	01/07/23	37.2	36.1	2.2	0
23/07/23	23:30	42.4	39.4	52.3	46.9	1.3	0	01/07/23	39.1	36.8	3.1	0
23/07/23	23:45	42.9	39.1	52.7	49.3	1.8	0	01/07/23	38.9	37.2	3.1	0

Start	Start	RP4A: Pennar Point		RP3: Lambeeth Farm		Wind	Rain	Start	RP2A: Greenhill Farm		Wind	Rain
Date	Time	LAeq	LAF90.0	LAeq	LAF90.0	Speed m/s	mm	Date	LAeq	LAF90.0	Speed m/s	mm
24/07/23	00:00	43.0	38.4	51.0	48.1	1.3	0	02/07/23	38.7	36.6	2.2	0
24/07/23	00:15	40.9	37.5	53.6	50.8	1.3	0	02/07/23	39.1	37.3	2.2	0
24/07/23	00:30	40.7	38.0	51.5	36.5	1.8	0	02/07/23	39.3	37.3	3.1	0
24/07/23	00:45	38.4	35.8	50.3	35.9	1.3	0	02/07/23	39.1	37.2	3.1	0
24/07/23	01:00	36.7	35.0	53.2	49.3	0.9	0	02/07/23	38.7	36.9	3.1	0
24/07/23	01:15	36.4	34.6	53.8	51.5	0.4	0	02/07/23	37.5	36.1	2.7	0
24/07/23	01:30	35.9	34.5	51.9	35.1	0.4	0	02/07/23	39.1	36.0	2.7	0
24/07/23	01:45	37.3	35.0	47.0	34.3	0.4	0	02/07/23	41.6	38.2	3.1	0
24/07/23	02:00	41.7	40.3	44.5	34.1	0.9	0.2	02/07/23	39.6	37.8	3.1	0
24/07/23	02:15	40.9	38.3	41.6	37.4	0.9	0.2	02/07/23	40.3	38.2	3.1	0
24/07/23	02:30	36.2	33.9	45.1	38.8	0	0.2	02/07/23	39.6	37.7	3.1	0
24/07/23	02:45	37.7	35.4	37.9	34.9	0	0	02/07/23	38.5	36.3	3.1	0
24/07/23	03:00	37.8	34.2	35.6	32.8	0.4	0	02/07/23	37.2	35.9	2.7	0
24/07/23	03:15	45.5	36.5	47.1	35.1	1.3	0.4	02/07/23	37.9	35.8	3.1	0
24/07/23	03:30	46.5	38.9	53.2	48.4	1.8	0.8	02/07/23	37.8	36.0	1.8	0
24/07/23	03:45	46.9	42.4	51.4	49.3	1.8	0.4	02/07/23	36.7	35.3	2.2	0
24/07/23	04:00	45.8	42.3	52.2	50.1	1.8	0.6	02/07/23	38.1	36.3	2.2	0
24/07/23	04:15	44.4	40.8	53.0	51.5	1.3	0.6	02/07/23	37.3	35.5	2.7	0
24/07/23	04:30	37.6	34.2	49.6	45.1	0.9	0.2	02/07/23	40.8	37.1	2.7	0
24/07/23	04:45	34.9	33.0	43.0	39.5	0.4	0	02/07/23	40.3	37.4	2.2	0
24/07/23	05:00	39.0	33.6	47.8	43.1	0.9	0.6	02/07/23	41.8	37.9	2.2	0
24/07/23	05:15	48.5	40.9	54.6	52.3	1.8	1.2	02/07/23	49.2	38.3	2.7	0
24/07/23	05:30	45.6	39.9	53.6	51.6	1.8	1	02/07/23	53.6	37.7	2.7	0
24/07/23	05:45	50.6	40.6	53.2	49.5	2.7	0.2	02/07/23	50.3	38.2	3.6	0
24/07/23	06:00	46.7	37.1	49.2	43.8	1.8	0.2	02/07/23	46.8	38.2	3.6	0
24/07/23	06:15	45.1	37.1	42.5	37.8	1.3	0	02/07/23	42.7	37.5	4	0
24/07/23	06:30	41.4	37.2	42.2	37.5	1.3	0	02/07/23	47.5	39.0	4	0
24/07/23	06:45	43.3	38.1	41.4	37.3	1.3	0	02/07/23	43.2	37.8	3.6	0
24/07/23	07:00	44.0	37.8	42.6	38.7	1.8	0	02/07/23	46.8	37.3	3.6	0
24/07/23	07:15	45.1	38.0	42.8	38.2	1.3	0	02/07/23	44.5	36.8	3.1	0
24/07/23	07:30	47.1	41.0	48.3	39.9	1.8	0	02/07/23	46.1	36.6	3.6	0
24/07/23	07:45	44.1	38.9	43.3	38.7	1.8	0	02/07/23	43.5	36.6	3.1	0
24/07/23	08:00	45.6	38.9	42.9	39.5	1.8	0	02/07/23	46.0	35.7	4	0
24/07/23	08:15	46.3	39.6	45.7	40.4	1.8	0	02/07/23	39.5	34.6	3.6	0
24/07/23	08:30	45.4	39.2	44.9	39.7	1.8	0	02/07/23	41.0	36.4	4	0
24/07/23	08:45	47.0	38.5	43.2	39.4	1.3	0	02/07/23	45.6	39.8	4	0
24/07/23	09:00	45.8	38.2	43.4	37.9	1.8	0	02/07/23	46.8	40.1	4.5	0
24/07/23	09:15	50.6	39.1	41.2	38.0	1.8	0	02/07/23	45.7	39.8	3.6	0
24/07/23	09:30	42.8	37.1	41.9	38.0	1.8	0	02/07/23	44.3	37.6	4	0
24/07/23	09:45	42.6	36.6	52.2	37.3	1.8	0	02/07/23	41.0	36.3	4	0
24/07/23	10:00	43.7	37.5	44.2	38.1	1.3	0	02/07/23	44.6	37.6	4	0
24/07/23	10:15	42.6	36.5	46.0	37.9	1.3	0	02/07/23	42.2	37.4	4	0
24/07/23	10:30	43.9	37.5	48.6	38.8	1.3	0	02/07/23	42.0	36.8	4.5	0
24/07/23	10:45	41.4	38.3	47.7	44.0	1.3	0	02/07/23	46.7	39.7	4.5	0
24/07/23	11:00	45.9	38.5			1.3		02/07/23	46.4	38.5	4.5	0
24/07/23	11:15	46.2	38.8			1.3		02/07/23	46.2	40.3	4.9	0
24/07/23	11:30	44.3	39.3			1.3		02/07/23	48.3	42.0	4.5	0
24/07/23	11:45	49.5	41.1			1.3		02/07/23	47.9	40.7	4.9	0

Start Date	Start Time	RP4A: Pennar Point LAeq	RP4A: Pennar Point LAF90.0	RP3: Lambeeth Farm LAeq	RP3: Lambeeth Farm LAF90.0	Wind Speed m/s	Rain mm	Start Date	RP2A: Greenhill Farm LAeq	RP2A: Greenhill Farm LAF90.0	Wind Speed m/s	Rain mm
	12:00							02/07/23	45.5	39.1	4	0
	12:15							02/07/23	47.1	40.5	4.9	0
	12:30							02/07/23	46.0	39.9	4.5	0
	12:45							02/07/23	47.8	42.7	4.5	0
	13:00							02/07/23	47.5	38.8	4.5	0
	13:15							02/07/23	47.2	39.4	4	0
	13:30							02/07/23	45.8	38.4	4	0
	13:45							02/07/23	45.9	40.4	4.5	0
	14:00							02/07/23	44.0	38.7	4.9	0
	14:15							02/07/23	47.7	40.9	4.9	0
	14:30							02/07/23	48.5	42.1	4.9	0
	14:45							02/07/23	46.9	41.0	5.4	0
	15:00							02/07/23	48.7	41.9	4.9	0
	15:15							02/07/23	49.5	42.3	4.9	0
	15:30							02/07/23	49.5	42.1	5.4	0
	15:45							02/07/23	51.7	42.3	4.9	0
	16:00							02/07/23	51.7	44.4	5.8	0
	16:15							02/07/23	51.0	45.1	4.9	0
	16:30							02/07/23	50.2	41.7	5.4	0
	16:45							02/07/23	49.0	41.7	4.9	0
	17:00							02/07/23	48.9	41.1	4.5	0
	17:15							02/07/23	48.7	42.7	4.9	0
	17:30							02/07/23	48.0	41.4	4.9	0
	17:45							02/07/23	48.4	41.9	5.4	0
	18:00							02/07/23	46.2	40.0	5.4	0
	18:15							02/07/23	44.3	38.5	4.5	0
	18:30							02/07/23	43.9	38.4	4	0
	18:45							02/07/23	43.2	38.0	4	0
	19:00							02/07/23	43.2	37.8	4	0
	19:15							02/07/23	44.5	38.8	4	0
	19:30							02/07/23	45.8	37.9	3.6	0
	19:45							02/07/23	47.7	39.3	4.5	0
	20:00							02/07/23	44.9	38.2	3.6	0
	20:15							02/07/23	43.9	37.3	3.6	0
	20:30							02/07/23	41.4	36.5	3.1	0
	20:45							02/07/23	42.7	36.8	3.1	0
	21:00							02/07/23	41.0	36.2	2.7	0
	21:15							02/07/23	42.6	37.9	2.7	0
	21:30							02/07/23	44.7	39.9	4.9	0
	21:45							02/07/23	44.5	39.3	4.5	0
	22:00							02/07/23	46.5	41.4	4.9	0
	22:15							02/07/23	43.7	37.7	4	0
	22:30							02/07/23	42.1	35.8	4	0
	22:45							02/07/23	41.5	36.5	3.6	0
	23:00							02/07/23	44.8	38.7	4	0
	23:15							02/07/23	43.5	37.8	4	0
	23:30							02/07/23	41.0	37.0	3.6	0
	23:45							02/07/23	41.2	36.9	4	0

Start Date	Start Time	RP4A: Pennar Point LAeq	RP4A: Pennar Point LAF90.0	RP3: Lambeeth Farm LAeq	RP3: Lambeeth Farm LAF90.0	Wind Speed m/s	Rain mm	Start Date	RP2A: Greenhill Farm LAeq	RP2A: Greenhill Farm LAF90.0	Wind Speed m/s	Rain mm
	00:00							03/07/23	41.4	36.8	4	0
	00:15							03/07/23	39.1	35.8	3.6	0
	00:30							03/07/23	40.4	36.5	3.6	0
	00:45							03/07/23	41.3	37.4	4	0
	01:00							03/07/23	42.9	39.3	3.1	0
	01:15							03/07/23	44.5	41.2	3.1	0
	01:30							03/07/23	41.4	37.1	4	0
	01:45							03/07/23	43.4	38.6	3.6	0
	02:00							03/07/23	45.6	40.4	4.5	0
	02:15							03/07/23	44.1	39.0	4.5	0
	02:30							03/07/23	43.3	38.3	4	0
	02:45							03/07/23	44.8	39.8	4.5	0
	03:00							03/07/23	42.5	37.4	4.5	0
	03:15							03/07/23	44.2	39.4	4	0
	03:30							03/07/23	42.4	38.3	3.1	0
	03:45							03/07/23	41.6	37.2	4.5	0
	04:00							03/07/23	43.7	38.7	3.6	0
	04:15							03/07/23	44.3	37.3	4	0
	04:30							03/07/23	43.1	38.1	4.5	0
	04:45							03/07/23	42.1	38.5	3.6	0
	05:00							03/07/23	43.5	37.5	2.7	0
	05:15							03/07/23	43.4	37.3	2.7	0
	05:30							03/07/23	43.9	36.9	3.1	0
	05:45							03/07/23	46.9	38.1	3.1	0
	06:00							03/07/23	48.9	40.0	3.6	0
	06:15							03/07/23	48.9	39.7	3.6	0
	06:30							03/07/23	46.8	39.7	3.6	0
	06:45							03/07/23	46.5	41.1	4	0
	07:00							03/07/23	47.1	42.0	4.5	0
	07:15							03/07/23	48.2	42.0	4	0
	07:30							03/07/23	47.1	41.9	4	0
	07:45							03/07/23	51.3	44.4	4.5	0
	08:00							03/07/23	50.0	44.3	4.5	0
	08:15							03/07/23	51.7	44.6	4.9	0
	08:30							03/07/23	51.5	45.0	4.5	0
	08:45							03/07/23	50.3	44.3	4.5	0
	09:00							03/07/23	52.2	46.0	5.4	0
	09:15							03/07/23	55.6	48.7	5.8	0
	09:30							03/07/23	52.9	45.4	4.9	0
	09:45							03/07/23	54.7	44.4	5.8	0
	10:00							03/07/23	54.0	45.5	5.8	0
	10:15							03/07/23	54.2	46.3	5.4	0
	10:30							03/07/23	51.5	43.8	4.9	0
	10:45							03/07/23	51.9	46.1	6.3	0
	11:00							03/07/23	52.5	45.1	5.8	0
	11:15							03/07/23	54.5	47.5	6.3	0
	11:30							03/07/23	53.8	46.6	6.3	0
	11:45							03/07/23	55.1	48.3	6.7	0

Start Date	Start Time	RP4A: Pennar Point LAeq	RP4A: Pennar Point LAF90.0	RP3: Lambeeth Farm LAeq	RP3: Lambeeth Farm LAF90.0	Wind Speed m/s	Rain mm	Start Date	RP2A: Greenhill Farm LAeq	RP2A: Greenhill Farm LAF90.0	Wind Speed m/s	Rain mm
	12:00							03/07/23	54.0	48.3	7.2	0
	12:15							03/07/23	55.3	47.6	7.2	0
	12:30							03/07/23	55.8	49.6	6.3	0
	12:45							03/07/23	52.3	45.7	6.3	0
	13:00							03/07/23	52.1	46.6	6.7	0
	13:15							03/07/23	51.2	44.8	5.8	0
	13:30							03/07/23	50.0	42.7	5.4	0
	13:45							03/07/23	50.2	43.5	5.8	0
	14:00							03/07/23	52.4	44.8	5.8	0
	14:15							03/07/23	49.4	42.9	5.4	0
	14:30							03/07/23	48.6	41.8	5.4	0
	14:45							03/07/23	52.5	44.4	5.4	0
	15:00							03/07/23	50.8	43.6	5.8	0
	15:15							03/07/23	48.4	43.0	5.8	0
	15:30							03/07/23	50.2	43.7	5.8	0
	15:45							03/07/23	48.4	41.6	4.9	0
	16:00							03/07/23	50.2	42.7	4	0
	16:15							03/07/23	49.8	43.2	4.9	0
	16:30							03/07/23	50.4	43.5	4.9	0
	16:45							03/07/23	48.8	43.7	4.5	0
	17:00							03/07/23	48.8	42.4	4.5	0
	17:15							03/07/23	48.5	41.8	5.4	0
	17:30							03/07/23	49.7	43.2	5.8	0
	17:45							03/07/23	48.8	42.6	4.5	0
	18:00							03/07/23	48.2	41.7	4.9	0
	18:15							03/07/23	47.0	41.2	4.5	0
	18:30							03/07/23	47.5	41.5	4.9	0
	18:45							03/07/23	49.3	42.3	4.5	0
	19:00							03/07/23	46.8	41.5	4.5	0
	19:15							03/07/23	48.6	42.1	4.9	0
	19:30							03/07/23	47.8	41.6	4.5	0
	19:45							03/07/23	47.2	42.1	5.4	0
	20:00							03/07/23	46.2	40.7	4.5	0
	20:15							03/07/23	46.1	41.0	4.9	0
	20:30							03/07/23	46.8	41.7	4.5	0
	20:45							03/07/23	47.5	41.6	4.5	0
	21:00							03/07/23	47.3	42.2	4.9	0
	21:15							03/07/23	46.8	41.7	4.9	0
	21:30							03/07/23	48.1	42.6	5.4	0
	21:45							03/07/23	46.0	40.7	4.5	0
	22:00							03/07/23	43.9	40.1	4.5	0
	22:15							03/07/23	42.7	38.5	4	0
	22:30							03/07/23	44.1	38.4	4.5	0
	22:45							03/07/23	41.8	37.1	4	0
	23:00							03/07/23	39.9	36.8	3.6	0
	23:15							03/07/23	43.2	38.5	4	0
	23:30							03/07/23	41.3	37.6	3.6	0
	23:45							03/07/23	41.0	36.5	4	0

Start Date	Start Time	RP4A: Pennar Point LAeq	RP4A: Pennar Point LAF90.0	RP3: Lambeeth Farm LAeq	RP3: Lambeeth Farm LAF90.0	Wind Speed m/s	Rain mm	Start Date	RP2A: Greenhill Farm LAeq	RP2A: Greenhill Farm LAF90.0	Wind Speed m/s	Rain mm
	00:00							04/07/23	41.8	37.3	3.6	0
	00:15							04/07/23	45.1	39.5	3.6	0
	00:30							04/07/23	42.2	39.0	2.7	0
	00:45							04/07/23	43.8	40.1	3.1	0
	01:00							04/07/23	41.7	37.0	3.1	0
	01:15							04/07/23	41.1	37.1	3.1	0
	01:30							04/07/23	38.7	35.6	2.2	0
	01:45							04/07/23	39.8	36.7	1.8	0
	02:00							04/07/23	38.3	34.4	2.7	0
	02:15							04/07/23	35.3	33.6	2.2	0
	02:30							04/07/23	35.2	33.5	2.2	0
	02:45							04/07/23	35.4	33.7	2.2	0
	03:00							04/07/23	35.0	33.2	1.8	0
	03:15							04/07/23	35.5	33.3	2.2	0
	03:30							04/07/23	36.5	34.1	2.2	0
	03:45							04/07/23	37.3	34.4	1.8	0
	04:00							04/07/23	35.6	33.6	1.8	0
	04:15							04/07/23	37.4	34.3	1.8	0
	04:30							04/07/23	37.5	34.3	1.8	0
	04:45							04/07/23	50.3	35.2	1.3	0
	05:00							04/07/23	49.3	36.7	1.8	0
	05:15							04/07/23	50.9	37.3	0.9	0
	05:30							04/07/23	50.0	37.9	0.9	0
	05:45							04/07/23	55.8	38.5	0.9	0
	06:00							04/07/23	48.5	41.3	0.9	0
	06:15							04/07/23	55.1	41.6	0.4	0
	06:30							04/07/23	51.0	41.6	0.4	0
	06:45							04/07/23	43.1	37.0	0.4	0
	07:00							04/07/23	55.3	37.0	0.4	0
	07:15							04/07/23	56.9	38.3	0.9	0
	07:30							04/07/23	58.2	37.6	1.3	0
	07:45							04/07/23	51.6	36.1	0.9	0
	08:00							04/07/23	43.2	35.7	1.3	0
	08:15							04/07/23	53.3	36.3	1.8	0
	08:30							04/07/23	50.3	34.8	1.3	0
	08:45							04/07/23	46.6	33.2	1.3	0
	09:00							04/07/23	37.3	33.1	1.3	0
	09:15							04/07/23	47.5	34.5	1.8	0
	09:30							04/07/23	55.3	34.5	1.8	0
	09:45							04/07/23	56.4	33.7	1.8	0
	10:00							04/07/23	47.9	33.0	1.8	0
	10:15							04/07/23	40.9	33.3	1.8	0
	10:30							04/07/23	40.7	33.6	2.2	0
	10:45							04/07/23	47.2	33.9	1.8	0
	11:00							04/07/23	50.0	34.3	1.3	0
	11:15							04/07/23	46.1	34.2	1.3	0
	11:30							04/07/23	39.2	32.8	1.3	0
	11:45							04/07/23	37.5	33.4	1.3	0

Start Date	Start Time	RP4A: Pennar Point LAeq	RP4A: Pennar Point LAF90.0	RP3: Lambeeth Farm LAeq	RP3: Lambeeth Farm LAF90.0	Wind Speed m/s	Rain mm	Start Date	RP2A: Greenhill Farm LAeq	RP2A: Greenhill Farm LAF90.0	Wind Speed m/s	Rain mm
	12:00							04/07/23	43.0	32.9	1.8	0
	12:15							04/07/23	36.8	33.0	2.2	0
	12:30							04/07/23	44.8	32.5	2.2	0
	12:45							04/07/23	38.1	32.6	2.2	0
	13:00							04/07/23	35.4	32.8	2.2	0
	13:15							04/07/23	36.2	32.5	2.2	0
	13:30							04/07/23	34.4	32.6	1.8	0
	13:45							04/07/23	44.3	33.0	1.8	0
	14:00							04/07/23	42.3	32.7	2.2	0
	14:15							04/07/23	34.7	32.6	2.2	0
	14:30							04/07/23	34.6	32.4	2.2	0
	14:45							04/07/23	36.0	33.4	2.2	0
	15:00							04/07/23	41.8	34.1	2.2	0
	15:15							04/07/23	35.5	33.4	2.2	0
	15:30							04/07/23	38.3	34.2	2.7	0
	15:45							04/07/23	38.5	34.5	2.7	0
	16:00							04/07/23	37.1	34.5	2.7	0
	16:15							04/07/23	39.2	34.7	2.2	0
	16:30							04/07/23	43.0	36.1	3.1	0
	16:45							04/07/23	43.7	35.8	3.1	0
	17:00							04/07/23	41.0	36.7	2.7	0
	17:15							04/07/23	44.0	38.2	3.6	0
	17:30							04/07/23	44.1	37.8	3.6	0
	17:45							04/07/23	42.6	38.0	3.6	0
	18:00							04/07/23	43.1	38.7	4	0
	18:15							04/07/23	44.1	39.2	4	0
	18:30							04/07/23	43.3	38.5	3.1	0
	18:45							04/07/23	44.0	39.3	4	0
	19:00							04/07/23	43.8	38.6	3.1	0
	19:15							04/07/23	43.5	38.2	3.6	0
	19:30							04/07/23	43.3	36.7	3.1	0
	19:45							04/07/23	41.3	36.4	2.7	0
	20:00							04/07/23	42.5	37.8	2.7	0
	20:15							04/07/23	40.7	35.5	2.7	0
	20:30							04/07/23	40.5	36.1	2.7	0
	20:45							04/07/23	40.0	36.0	2.7	0
	21:00							04/07/23	38.8	35.8	3.1	0
	21:15							04/07/23	40.1	35.7	3.6	0
	21:30							04/07/23	39.0	35.4	3.1	0
	21:45							04/07/23	38.5	35.3	4	0
	22:00							04/07/23	38.1	35.5	3.1	0
	22:15							04/07/23	37.8	35.9	3.6	0
	22:30							04/07/23	36.8	35.1	3.6	0
	22:45							04/07/23	37.9	35.7	3.1	0
	23:00							04/07/23	37.2	35.6	2.2	0
	23:15							04/07/23	40.4	36.4	2.7	0
	23:30							04/07/23	39.7	37.1	3.1	0
	23:45							04/07/23	42.6	38.3	3.1	0

Start Date	Start Time	RP4A: Pennar Point LAeq	RP4A: Pennar Point LAF90.0	RP3: Lambeeth Farm LAeq	RP3: Lambeeth Farm LAF90.0	Wind Speed m/s	Rain mm	Start Date	RP2A: Greenhill Farm LAeq	RP2A: Greenhill Farm LAF90.0	Wind Speed m/s	Rain mm
	00:00							05/07/23	41.3	38.8	3.1	0
	00:15							05/07/23	42.4	39.6	3.6	0
	00:30							05/07/23	41.2	38.6	3.6	0
	00:45							05/07/23	41.7	39.1	4	0
	01:00							05/07/23	41.4	38.8	4	0
	01:15							05/07/23	40.5	38.4	4	0
	01:30							05/07/23	41.0	38.9	4	0
	01:45							05/07/23	41.9	39.2	4	0
	02:00							05/07/23	40.0	38.1	4	0
	02:15							05/07/23	41.6	38.3	3.6	0
	02:30							05/07/23	41.2	38.7	3.1	0
	02:45							05/07/23	41.8	38.7	3.6	0
	03:00							05/07/23	40.3	37.8	3.6	0
	03:15							05/07/23	40.4	37.9	3.6	0
	03:30							05/07/23	38.8	37.1	3.6	0
	03:45							05/07/23	38.9	37.2	3.1	0
	04:00							05/07/23	39.9	37.8	3.6	0
	04:15							05/07/23	41.7	38.9	3.6	0
	04:30							05/07/23	43.7	39.7	3.6	0
	04:45							05/07/23	55.1	41.3	4	0
	05:00							05/07/23	48.0	39.6	3.6	0
	05:15							05/07/23	42.9	38.9	3.1	0
	05:30							05/07/23	45.9	39.9	3.1	0
	05:45							05/07/23	50.4	39.1	2.7	0
	06:00							05/07/23	46.3	39.9	2.7	0
	06:15							05/07/23	45.8	39.1	2.7	0
	06:30							05/07/23	45.8	38.5	2.7	0
	06:45							05/07/23	50.9	38.6	3.1	0
	07:00							05/07/23	48.9	39.2	2.7	0
	07:15							05/07/23	47.5	38.1	2.7	0
	07:30							05/07/23	49.4	37.3	3.1	0
	07:45							05/07/23	49.0	37.2	3.1	0
	08:00							05/07/23	45.9	36.5	3.6	0
	08:15							05/07/23	40.2	36.7	2.7	0
	08:30							05/07/23	46.2	40.0	4	0
	08:45							05/07/23	45.0	39.0	4	0
	09:00							05/07/23	44.9	40.3	4.5	0
	09:15							05/07/23	45.0	39.1	4.5	0
	09:30							05/07/23	45.2	38.2	4.5	0
	09:45							05/07/23	49.4	38.6	4	0
	10:00							05/07/23	48.3	39.7	4	0
	10:15							05/07/23	46.4	39.5	4	0
	10:30							05/07/23	47.7	42.6	3.6	0
	10:45							05/07/23	44.1	38.9	4.5	0
	11:00							05/07/23	44.8	39.7	4.5	0
	11:15							05/07/23	45.0	39.9	4.5	0
	11:30							05/07/23	45.3	40.5	4.5	0
	11:45							05/07/23	44.8	38.9	3.6	0

Start Date	Start Time	RP4A: Pennar Point LAeq	RP4A: Pennar Point LAF90.0	RP3: Lambeeth Farm LAeq	RP3: Lambeeth Farm LAF90.0	Wind Speed m/s	Rain mm	Start Date	RP2A: Greenhill Farm LAeq	RP2A: Greenhill Farm LAF90.0	Wind Speed m/s	Rain mm
	12:00							05/07/23	43.0	38.8	3.6	0
	12:15							05/07/23	44.8	39.2	4	0
	12:30							05/07/23	44.4	38.9	4	0
	12:45							05/07/23	46.4	40.0	4.9	0
	13:00							05/07/23	44.2	38.1	4.5	0
	13:15							05/07/23	46.4	40.1	4.9	0
	13:30							05/07/23	45.8	39.4	4	0
	13:45							05/07/23	47.7	39.4	4.5	0
	14:00							05/07/23	48.3	41.1	4	0
	14:15							05/07/23	47.6	40.9	4.5	0
	14:30							05/07/23	47.8	42.0	4.9	0
	14:45							05/07/23	48.8	42.1	4.5	0
	15:00							05/07/23	49.1	42.4	4.5	0
	15:15							05/07/23	47.6	41.3	4.5	0
	15:30							05/07/23	47.1	41.5	4.5	0
	15:45							05/07/23	52.0	41.7	5.4	0
	16:00							05/07/23	52.2	45.0	4.9	0
	16:15							05/07/23	51.9	46.1	5.4	0
	16:30							05/07/23	50.9	44.0	4.9	0
	16:45							05/07/23	50.5	43.3	4.9	0
	17:00							05/07/23	49.2	42.7	4.9	0
	17:15							05/07/23	50.4	43.6	4.9	0
	17:30							05/07/23	51.0	44.0	4.9	0
	17:45							05/07/23	46.8	41.1	4.5	0
	18:00							05/07/23	44.8	39.5	4	0
	18:15							05/07/23	48.4	42.2	4	0
	18:30							05/07/23	48.7	42.7	5.4	0
	18:45							05/07/23	50.7	44.6	4.9	0
	19:00							05/07/23	45.8	39.5	4.5	0
	19:15							05/07/23	47.7	39.8	4	0
	19:30							05/07/23	43.7	38.2	3.6	0
	19:45							05/07/23	45.0	38.4	3.6	0
	20:00							05/07/23	43.6	37.6	3.6	0
	20:15							05/07/23	43.3	37.2	3.1	0
	20:30							05/07/23	46.2	37.0	2.7	0
	20:45							05/07/23	42.5	35.8	2.2	0
	21:00							05/07/23	36.9	34.9	1.8	0
	21:15							05/07/23	35.9	34.5	1.8	0
	21:30							05/07/23	37.3	34.8	1.8	0
	21:45							05/07/23	38.0	35.2	2.2	0
	22:00							05/07/23	38.6	35.6	1.8	0
	22:15							05/07/23	38.0	35.4	2.2	0
	22:30							05/07/23	38.4	35.9	2.2	0
	22:45							05/07/23	39.0	35.8	2.7	0
	23:00							05/07/23	37.5	35.0	2.2	0
	23:15							05/07/23	37.3	34.7	2.7	0
	23:30							05/07/23	36.9	34.9	2.2	0
	23:45							05/07/23	37.2	34.8	2.2	0

Start Date	Start Time	RP4A: Pennar Point LAeq	RP4A: Pennar Point LAF90.0	RP3: Lambeeth Farm LAeq	RP3: Lambeeth Farm LAF90.0	Wind Speed m/s	Rain mm	Start Date	RP2A: Greenhill Farm LAeq	RP2A: Greenhill Farm LAF90.0	Wind Speed m/s	Rain mm
	00:00							06/07/23	37.4	35.0	2.2	0
	00:15							06/07/23	36.1	34.1	1.8	0
	00:30							06/07/23	34.8	33.6	1.3	0
	00:45							06/07/23	34.5	33.4	1.3	0
	01:00							06/07/23	35.4	33.6	1.3	0
	01:15							06/07/23	35.3	33.6	1.3	0
	01:30							06/07/23	34.6	33.3	1.8	0
	01:45							06/07/23	35.1	33.1	1.3	0
	02:00							06/07/23	33.7	32.7	0.9	0
	02:15							06/07/23	34.0	32.9	1.3	0
	02:30							06/07/23	33.7	32.8	0.9	0
	02:45							06/07/23	34.3	33.1	1.3	0
	03:00							06/07/23	33.9	32.9	0.9	0
	03:15							06/07/23	35.8	33.2	1.8	0
	03:30							06/07/23	34.5	32.3	1.3	0
	03:45							06/07/23	33.9	32.5	1.8	0
	04:00							06/07/23	34.5	32.1	1.3	0
	04:15							06/07/23	33.4	32.4	0	0
	04:30							06/07/23	40.2	33.1	0	0
	04:45							06/07/23	46.9	34.8	0	0
	05:00							06/07/23	41.8	35.1	0	0
	05:15							06/07/23	53.1	34.7	0	0
	05:30							06/07/23	51.3	34.5	0	0
	05:45							06/07/23	50.7	35.7	0	0
	06:00							06/07/23	39.6	35.0	0	0
	06:15							06/07/23	42.6	34.2	0	0
	06:30							06/07/23	45.0	34.4	0	0
	06:45							06/07/23	47.0	33.6	0	0
	07:00							06/07/23	53.0	34.1	0.4	0
	07:15							06/07/23	59.2	35.2	0.9	0
	07:30							06/07/23	51.6	34.3	1.8	0
	07:45							06/07/23	40.3	33.8	1.8	0
	08:00							06/07/23	38.0	32.5	1.8	0
	08:15							06/07/23	40.1	33.6	2.7	0
	08:30							06/07/23	39.0	33.1	2.7	0
	08:45							06/07/23	37.9	34.0	2.7	0
	09:00							06/07/23	38.2	33.9	2.7	0
	09:15							06/07/23	41.1	34.0	2.2	0
	09:30							06/07/23	42.0	35.4	2.7	0
	09:45							06/07/23	42.1	34.6	2.7	0
	10:00							06/07/23	45.0	37.3	3.6	0
	10:15							06/07/23	44.5	38.2	4	0
	10:30							06/07/23	45.7	38.8	4.5	0
	10:45							06/07/23	45.9	39.0	4.5	0
	11:00							06/07/23	45.1	39.1	4.9	0
	11:15							06/07/23	45.7	40.4	4.5	0
	11:30							06/07/23	47.1	41.2	5.8	0
	11:45							06/07/23	50.1	42.6	5.4	0

Start Date	Start Time	RP4A: Pennar Point LAeq	RP4A: Pennar Point LAF90.0	RP3: Lambeeth Farm LAeq	RP3: Lambeeth Farm LAF90.0	Wind Speed m/s	Rain mm	Start Date	RP2A: Greenhill Farm LAeq	RP2A: Greenhill Farm LAF90.0	Wind Speed m/s	Rain mm
	12:00							06/07/23	50.0	43.9	4.9	0
	12:15							06/07/23	48.9	43.5	4.9	0
	12:30							06/07/23	48.4	42.4	5.4	0
	12:45							06/07/23	51.1	46.2	5.8	0
	13:00							06/07/23	49.1	43.8	5.8	0
	13:15							06/07/23	48.0	42.7	5.4	0
	13:30							06/07/23	47.2	41.7	5.4	0
	13:45							06/07/23	50.1	43.4	5.4	0
	14:00							06/07/23	48.6	42.5	5.4	0
	14:15							06/07/23	49.2	42.8	5.8	0
	14:30							06/07/23	48.1	42.8	5.4	0
	14:45							06/07/23	49.3	42.9	5.4	0
	15:00							06/07/23	49.6	44.5	5.4	0
	15:15							06/07/23	47.1	41.5	4.5	0
	15:30							06/07/23	46.9	40.0	4.9	0
	15:45							06/07/23	45.0	39.4	4	0
	16:00							06/07/23	43.8	38.2	4	0
	16:15							06/07/23	45.6	39.4	3.6	0
	16:30							06/07/23	45.4	39.6	3.6	0
	16:45							06/07/23	46.0	40.6	4	0
	17:00							06/07/23	46.0	41.3	4	0
	17:15							06/07/23	46.0	40.9	4	0
	17:30							06/07/23	46.3	40.9	4	0
	17:45							06/07/23	48.0	41.7	4	0
	18:00							06/07/23	47.5	43.0	4.5	0
	18:15							06/07/23	49.7	43.5	4.9	0
	18:30							06/07/23	48.6	42.9	5.4	0
	18:45							06/07/23	48.6	42.9	5.4	0
	19:00							06/07/23	49.2	43.5	4	0
	19:15							06/07/23	48.5	42.8	4.5	0
	19:30							06/07/23	47.3	40.6	4	0
	19:45							06/07/23	47.5	40.7	4.9	0
	20:00							06/07/23	44.8	40.0	4	0
	20:15							06/07/23	47.3	40.8	4	0
	20:30							06/07/23	45.7	40.3	3.6	0
	20:45							06/07/23	44.3	38.5	3.1	0
	21:00							06/07/23	43.0	37.2	3.1	0
	21:15							06/07/23	42.5	37.1	3.1	0
	21:30							06/07/23	40.6	36.4	3.6	0
	21:45							06/07/23	41.7	36.9	3.1	0
	22:00							06/07/23	42.6	37.5	3.1	0
	22:15							06/07/23	42.1	37.6	3.6	0
	22:30							06/07/23	44.6	38.7	3.6	0
	22:45							06/07/23	45.1	40.2	4	0
	23:00							06/07/23	45.7	40.4	4	0
	23:15							06/07/23	44.7	39.1	3.6	0
	23:30							06/07/23	45.6	39.4	4	0
	23:45							06/07/23	45.7	40.7	3.6	0

Start Date	Start Time	RP4A: Pennar Point LAeq	RP4A: Pennar Point LAF90.0	RP3: Lambeeth Farm LAeq	RP3: Lambeeth Farm LAF90.0	Wind Speed m/s	Rain mm	Start Date	RP2A: Greenhill Farm LAeq	RP2A: Greenhill Farm LAF90.0	Wind Speed m/s	Rain mm
	00:00							07/07/23	45.9	41.1	3.6	0
	00:15							07/07/23	43.7	38.7	3.6	0
	00:30							07/07/23	41.3	36.8	3.1	0
	00:45							07/07/23	40.4	36.2	3.1	0
	01:00							07/07/23	41.4	37.6	3.6	0
	01:15							07/07/23	41.1	36.3	3.1	0
	01:30							07/07/23	42.5	36.2	3.1	0
	01:45							07/07/23	43.8	38.2	3.1	0
	02:00							07/07/23	42.0	36.9	3.1	0
	02:15							07/07/23	42.7	37.2	3.1	0
	02:30							07/07/23	41.6	36.4	3.1	0
	02:45							07/07/23	42.1	36.4	3.1	0
	03:00							07/07/23	40.1	35.6	2.7	0
	03:15							07/07/23	41.0	36.2	3.6	0
	03:30							07/07/23	43.8	38.4	3.6	0
	03:45							07/07/23	42.1	37.4	3.6	0
	04:00							07/07/23	44.8	38.3	3.6	0
	04:15							07/07/23	41.9	37.7	3.1	0
	04:30							07/07/23	43.9	39.0	3.6	0
	04:45							07/07/23	50.7	39.3	3.6	0
	05:00							07/07/23	51.9	39.5	3.1	0
	05:15							07/07/23	47.0	40.3	4	0
	05:30							07/07/23	44.4	39.7	3.6	0
	05:45							07/07/23	43.2	39.1	3.6	0
	06:00							07/07/23	45.5	39.0	4	0
	06:15							07/07/23	44.7	39.5	3.6	0
	06:30							07/07/23	44.8	39.2	4	0
	06:45							07/07/23	44.4	40.2	4	0
	07:00							07/07/23	45.7	40.0	4	0
	07:15							07/07/23	44.7	39.6	4	0
	07:30							07/07/23	45.6	38.9	3.6	0
	07:45							07/07/23	43.6	38.4	3.6	0
	08:00							07/07/23	45.6	39.2	4	0
	08:15							07/07/23	44.7	39.5	4	0
	08:30							07/07/23	44.7	39.7	4	0
	08:45							07/07/23	44.8	40.4	4.5	0
	09:00							07/07/23	45.5	40.3	4.5	0
	09:15							07/07/23	44.8	39.5	4	0
	09:30							07/07/23	44.5	39.8	4	0
	09:45							07/07/23	51.3	43.3	4	0
	10:00							07/07/23	48.6	39.1	3.6	0
	10:15							07/07/23	44.4	39.1	3.6	0
	10:30							07/07/23	43.8	38.0	4	0
	10:45							07/07/23	44.0	38.2	4	0
	11:00							07/07/23	47.0	40.6	4.5	0
	11:15							07/07/23	48.5	42.2	4.5	0
	11:30							07/07/23	48.2	42.3	4.5	0
	11:45							07/07/23	48.8	42.4	4.9	0

Start Date	Start Time	RP4A: Pennar Point LAeq	RP4A: Pennar Point LAF90.0	RP3: Lambeeth Farm LAeq	RP3: Lambeeth Farm LAF90.0	Wind Speed m/s	Rain mm	Start Date	RP2A: Greenhill Farm LAeq	RP2A: Greenhill Farm LAF90.0	Wind Speed m/s	Rain mm
	12:00							07/07/23	47.0	40.7	4.9	0
	12:15							07/07/23	48.0	41.5	4.9	0
	12:30							07/07/23	45.7	40.8	4	0
	12:45							07/07/23	45.5	40.4	4.5	0
	13:00							07/07/23	45.9	40.5	4.5	0
	13:15							07/07/23	47.0	39.4	4.9	0
	13:30							07/07/23	44.1	39.1	4	0
	13:45							07/07/23	45.0	39.4	4	0
	14:00							07/07/23	42.1	37.5	3.6	0
	14:15							07/07/23	43.8	37.2	4.5	0
	14:30							07/07/23	41.9	36.6	3.6	0
	14:45							07/07/23	43.2	37.2	3.6	0
	15:00							07/07/23	44.5	38.9	3.6	0
	15:15							07/07/23	43.6	38.4	3.6	0
	15:30							07/07/23	43.0	37.8	3.6	0
	15:45							07/07/23	44.2	39.0	3.6	0
	16:00							07/07/23	43.6	40.2	3.1	0
	16:15							07/07/23	41.6	37.0	3.6	0
	16:30							07/07/23	43.5	37.6	3.6	0
	16:45							07/07/23	42.0	35.6	3.1	0
	17:00							07/07/23	37.6	34.4	2.7	0
	17:15							07/07/23	38.3	35.5	3.1	0
	17:30							07/07/23	37.4	35.3	3.1	0
	17:45							07/07/23	37.4	35.3	3.1	0
	18:00							07/07/23	38.5	36.0	3.6	0
	18:15							07/07/23	38.3	36.2	3.6	0
	18:30							07/07/23	38.2	36.1	3.6	0
	18:45							07/07/23	38.2	36.2	3.6	0
	19:00							07/07/23	40.3	37.4	4	0
	19:15							07/07/23	43.5	40.1	4.5	0
	19:30							07/07/23	42.5	39.2	4.5	0
	19:45							07/07/23	39.8	37.4	4.5	0
	20:00							07/07/23	41.3	38.8	4.9	0
	20:15							07/07/23	41.1	38.4	4.5	0
	20:30							07/07/23	40.4	38.2	4	0
	20:45							07/07/23	41.9	38.6	4	0
	21:00							07/07/23	43.1	39.5	4.9	0
	21:15							07/07/23	40.6	38.0	4.9	0
	21:30							07/07/23	41.4	38.5	4.9	0
	21:45							07/07/23	40.2	37.9	4.9	0
	22:00							07/07/23	41.2	38.3	4.5	0
	22:15							07/07/23	41.0	38.6	5.4	0
	22:30							07/07/23	41.1	38.5	5.4	0
	22:45							07/07/23	43.4	40.2	5.8	0
	23:00							07/07/23	45.3	41.5	5.8	0
	23:15							07/07/23	44.9	41.0	6.3	0
	23:30							07/07/23	43.6	39.7	5.8	0
	23:45							07/07/23	43.2	40.2	5.8	0

Start Date	Start Time	RP4A: Pennar Point LAeq	RP4A: Pennar Point LAF90.0	RP3: Lambeeth Farm LAeq	RP3: Lambeeth Farm LAF90.0	Wind Speed m/s	Rain mm	Start Date	RP2A: Greenhill Farm LAeq	RP2A: Greenhill Farm LAF90.0	Wind Speed m/s	Rain mm
	00:00							08/07/23	44.9	40.8	6.3	0
	00:15							08/07/23	45.6	41.2	6.3	0
	00:30							08/07/23	46.8	42.1	6.3	0
	00:45							08/07/23	45.8	40.6	5.4	0
	01:00							08/07/23	43.7	40.2	4.5	0
	01:15							08/07/23	42.8	38.6	4	0
	01:30							08/07/23	39.9	36.2	3.6	0
	01:45							08/07/23	38.2	35.7	3.1	0
	02:00							08/07/23	38.0	35.8	3.6	0
	02:15							08/07/23	38.8	35.6	3.1	0
	02:30							08/07/23	40.1	36.0	3.1	0
	02:45							08/07/23	39.0	33.9	2.7	0
	03:00							08/07/23	34.3	32.9	1.8	0
	03:15							08/07/23	33.9	32.5	1.8	0
	03:30							08/07/23	35.0	33.6	2.2	0
	03:45							08/07/23	39.0	34.6	2.7	0
	04:00							08/07/23	42.5	37.9	3.6	0
	04:15							08/07/23	42.5	38.5	4	0
	04:30							08/07/23	42.4	37.9	4	0
	04:45							08/07/23	41.8	37.1	3.6	0
	05:00							08/07/23	44.6	39.1	3.6	0
	05:15							08/07/23	48.7	40.5	4	0
	05:30							08/07/23	46.6	40.8	4	0
	05:45							08/07/23	46.8	41.7	4	0
	06:00							08/07/23	46.6	41.2	4.5	0
	06:15							08/07/23	46.2	40.9	4	0
	06:30							08/07/23	46.3	40.2	3.6	0
	06:45							08/07/23	45.3	40.3	4	0
	07:00							08/07/23	41.7	37.3	3.6	0
	07:15							08/07/23	42.8	38.0	3.1	0
	07:30							08/07/23	55.6	38.2	2.7	0
	07:45							08/07/23	42.7	35.4	2.2	0
	08:00							08/07/23	38.6	34.2	2.2	0
	08:15							08/07/23	43.9	34.6	2.7	0
	08:30							08/07/23	43.3	35.4	2.7	0
	08:45							08/07/23	38.6	34.8	2.7	0
	09:00							08/07/23	37.8	34.4	2.7	0
	09:15							08/07/23	40.8	35.7	3.1	0
	09:30							08/07/23	42.3	35.6	3.6	0
	09:45							08/07/23	40.2	36.0	4	0
	10:00							08/07/23	39.8	35.4	3.6	0
	10:15							08/07/23	39.6	35.0	3.6	0
	10:30							08/07/23	40.2	35.5	3.6	0
	10:45							08/07/23	43.0	35.2	3.6	0
	11:00							08/07/23	39.6	34.8	3.6	0
	11:15							08/07/23	38.6	34.3	3.6	0
	11:30							08/07/23	39.8	35.7	4	0
	11:45							08/07/23	39.8	34.7	3.6	0

Start Date	Start Time	RP4A: Pennar Point LAeq	RP4A: Pennar Point LAF90.0	RP3: Lambeeth Farm LAeq	RP3: Lambeeth Farm LAF90.0	Wind Speed m/s	Rain mm	Start Date	RP2A: Greenhill Farm LAeq	RP2A: Greenhill Farm LAF90.0	Wind Speed m/s	Rain mm
	12:00							08/07/23	37.7	34.1	3.1	0
	12:15							08/07/23	38.6	34.6	3.1	0
	12:30							08/07/23	42.8	34.6	2.7	0
	12:45							08/07/23	39.1	33.5	2.7	0
	13:00							08/07/23	38.7	34.4	3.1	0
	13:15							08/07/23	37.8	34.5	3.1	0
	13:30							08/07/23	44.7	33.6	2.7	0
	13:45							08/07/23	38.5	34.3	2.7	0
	14:00							08/07/23	38.7	34.9	2.7	0
	14:15							08/07/23	40.5	35.0	2.7	0
	14:30							08/07/23	36.7	33.4	2.7	0
	14:45							08/07/23	36.2	33.1	2.7	0
	15:00							08/07/23	37.5	32.9	2.7	0
	15:15							08/07/23	39.4	34.8	3.1	0
	15:30							08/07/23	37.1	35.0	3.1	0
	15:45							08/07/23	37.8	34.5	2.7	0
	16:00							08/07/23	41.2	37.7	2.7	0
	16:15							08/07/23	40.8	36.7	2.7	0
	16:30							08/07/23	39.5	33.9	2.2	0
	16:45							08/07/23	37.8	34.1	2.7	0
	17:00							08/07/23	37.3	34.3	3.1	0
	17:15							08/07/23	37.3	34.5	2.7	0
	17:30							08/07/23	37.8	34.8	2.7	0
	17:45							08/07/23	36.9	33.9	2.7	0
	18:00							08/07/23	36.8	34.0	2.7	0
	18:15							08/07/23	35.6	33.7	2.2	0
	18:30							08/07/23	37.3	32.7	1.8	0
	18:45							08/07/23	35.0	32.7	1.8	0
	19:00							08/07/23	34.0	32.3	1.3	0
	19:15							08/07/23	33.3	31.8	1.3	0
	19:30							08/07/23	33.6	31.8	1.3	0
	19:45							08/07/23	34.0	31.7	1.3	0
	20:00							08/07/23	42.5	31.7	1.3	0
	20:15							08/07/23	33.5	31.5	0.9	0
	20:30							08/07/23	34.9	31.8	0.4	0
	20:45							08/07/23	34.7	32.1	0	0
	21:00							08/07/23	35.0	32.3	0	0
	21:15							08/07/23	34.2	32.6	0	0
	21:30							08/07/23	32.6	31.8	0	0
	21:45							08/07/23	32.8	31.8	0	0
	22:00							08/07/23	33.3	31.0	0	0
	22:15							08/07/23	33.4	31.1	0.4	0
	22:30							08/07/23	34.3	31.3	0.4	0
	22:45							08/07/23	33.2	30.9	0.9	0
	23:00							08/07/23	32.2	31.0	0.4	0
	23:15							08/07/23	32.6	31.9	0	0
	23:30							08/07/23	33.0	32.3	0	0
	23:45							08/07/23	33.1	32.4	0	0

Start Date	Start Time	RP4A: Pennar Point LAeq	RP4A: Pennar Point LAF90.0	RP3: Lambeeth Farm LAeq	RP3: Lambeeth Farm LAF90.0	Wind Speed m/s	Rain mm	Start Date	RP2A: Greenhill Farm LAeq	RP2A: Greenhill Farm LAF90.0	Wind Speed m/s	Rain mm
	00:00							09/07/23	33.6	32.7	0	0
	00:15							09/07/23	32.7	31.9	0	0
	00:30							09/07/23	32.3	31.6	0	0
	00:45							09/07/23	32.8	32.1	0	0
	01:00							09/07/23	33.2	32.4	0	0
	01:15							09/07/23	32.6	31.8	0.4	0
	01:30							09/07/23	32.3	31.4	0.9	0
	01:45							09/07/23	32.2	30.5	0.4	0
	02:00							09/07/23	32.3	30.2	0.4	0
	02:15							09/07/23	32.8	31.9	0.4	0
	02:30							09/07/23	32.9	31.9	0.9	0
	02:45							09/07/23	32.7	31.8	0.9	0
	03:00							09/07/23	32.7	31.6	0.9	0
	03:15							09/07/23	33.8	31.9	0.9	0
	03:30							09/07/23	33.5	32.7	0.9	0
	03:45							09/07/23	32.8	31.9	0.4	0
	04:00							09/07/23	33.8	32.7	0.9	0
	04:15							09/07/23	33.5	32.2	1.8	0
	04:30							09/07/23	38.9	32.4	1.3	0
	04:45							09/07/23	48.3	34.5	0.9	0
	05:00							09/07/23	45.5	35.3	1.8	0
	05:15							09/07/23	39.1	35.3	1.8	0
	05:30							09/07/23	41.9	34.8	1.8	0
	05:45							09/07/23	44.2	35.1	1.8	0
	06:00							09/07/23	42.8	35.6	1.8	0
	06:15							09/07/23	43.7	36.4	1.8	0
	06:30							09/07/23	45.2	36.0	2.7	0
	06:45							09/07/23	44.3	36.5	2.7	0
	07:00							09/07/23	39.3	35.4	3.1	0
	07:15							09/07/23	39.4	35.6	3.1	0
	07:30							09/07/23	40.5	35.4	3.1	0
	07:45							09/07/23	41.3	36.6	3.6	0
	08:00							09/07/23	44.0	38.3	3.6	0
	08:15							09/07/23	43.5	38.2	4	0
	08:30							09/07/23	43.6	37.4	4	0
	08:45							09/07/23	44.6	39.3	4.5	0
	09:00							09/07/23	45.2	40.1	4	0
	09:15							09/07/23	45.2	38.9	4	0
	09:30							09/07/23	46.2	40.5	4	0
	09:45							09/07/23	44.4	39.5	3.6	0
	10:00							09/07/23	46.4	39.9	3.6	0
	10:15							09/07/23	47.1	41.3	4.5	0
	10:30							09/07/23	46.0	40.0	4.5	0
	10:45							09/07/23	45.3	39.7	4.5	0
	11:00							09/07/23	54.2	38.6	4	0
	11:15							09/07/23	51.7	36.8	3.6	0
	11:30							09/07/23	37.9	34.3	2.2	0
	11:45							09/07/23	40.1	34.4	3.1	0

Start Date	Start Time	RP4A: Pennar Point LAeq	RP4A: Pennar Point LAF90.0	RP3: Lambeeth Farm LAeq	RP3: Lambeeth Farm LAF90.0	Wind Speed m/s	Rain mm	Start Date	RP2A: Greenhill Farm LAeq	RP2A: Greenhill Farm LAF90.0	Wind Speed m/s	Rain mm
	12:00							09/07/23	41.5	35.9	3.6	0
	12:15							09/07/23	42.9	36.1	4.5	0
	12:30							09/07/23	43.5	37.8	4.5	0
	12:45							09/07/23	42.5	37.0	4.5	0
	13:00							09/07/23	41.1	36.7	4.5	0
	13:15							09/07/23	42.9	38.1	4	0
	13:30							09/07/23	42.3	38.0	3.6	0
	13:45							09/07/23	42.2	37.6	4	0
	14:00							09/07/23	44.8	39.5	4.5	0
	14:15							09/07/23	44.3	38.6	4	0
	14:30							09/07/23	44.7	40.1	4.5	0
	14:45							09/07/23	42.5	39.0	4.5	0
	15:00							09/07/23	46.5	41.3	4.5	0
	15:15							09/07/23	44.2	39.7	4.5	0
	15:30							09/07/23	44.8	40.0	4.5	0
	15:45							09/07/23	44.9	39.8	4.9	0
	16:00							09/07/23	44.4	40.0	4.5	0
	16:15							09/07/23	44.8	40.6	5.4	0
	16:30							09/07/23	45.0	40.0	4.5	0
	16:45							09/07/23	44.4	39.4	4.5	0
	17:00							09/07/23	44.2	40.1	4	0
	17:15							09/07/23	44.4	39.6	4.5	0
	17:30							09/07/23	43.1	39.1	4.5	0
	17:45							09/07/23	42.1	38.1	4.9	0
	18:00							09/07/23	43.3	39.2	4.5	0
	18:15							09/07/23	42.3	38.8	4	0
	18:30							09/07/23	43.3	39.0	3.6	0
	18:45							09/07/23	45.6	38.5	3.6	0
	19:00							09/07/23	42.3	38.7	3.6	0
	19:15							09/07/23	41.3	38.1	3.1	0
	19:30							09/07/23	40.6	37.4	3.6	0
	19:45							09/07/23	41.3	37.8	3.1	0
	20:00							09/07/23	39.5	36.7	2.7	0
	20:15							09/07/23	38.4	36.1	2.7	0
	20:30							09/07/23	39.6	36.6	2.7	0
	20:45							09/07/23	38.9	37.0	1.8	0
	21:00							09/07/23	39.0	37.1	0.4	0
	21:15							09/07/23	41.0	37.4	0	0
	21:30							09/07/23	41.5	37.5	0	0
	21:45							09/07/23	38.9	37.0	0.4	0
	22:00							09/07/23	38.4	36.8	0	0
	22:15							09/07/23	38.4	36.6	0.4	0
	22:30							09/07/23	38.5	36.9	0.4	0
	22:45							09/07/23	38.3	36.9	1.3	0
	23:00							09/07/23	37.6	35.8	1.3	0
	23:15							09/07/23	37.9	35.9	1.3	0
	23:30							09/07/23	37.4	35.6	1.3	0
	23:45							09/07/23	37.3	35.7	0.9	0

Start Date	Start Time	RP4A: Pennar Point LAeq	RP4A: Pennar Point LAF90.0	RP3: Lambeeth Farm LAeq	RP3: Lambeeth Farm LAF90.0	Wind Speed m/s	Rain mm	Start Date	RP2A: Greenhill Farm LAeq	RP2A: Greenhill Farm LAF90.0	Wind Speed m/s	Rain mm
	00:00							10/07/23	37.3	35.7	1.3	0
	00:15							10/07/23	38.0	36.5	1.3	0
	00:30							10/07/23	37.2	35.1	1.3	0
	00:45							10/07/23	37.5	35.2	1.8	0
	01:00							10/07/23	37.1	35.2	1.8	0
	01:15							10/07/23	37.1	35.1	1.8	0
	01:30							10/07/23	37.3	35.3	1.3	0
	01:45							10/07/23	37.3	35.4	0.9	0
	02:00							10/07/23	37.2	35.4	1.3	0
	02:15							10/07/23	36.5	34.6	1.3	0
	02:30							10/07/23	36.7	34.8	1.3	0
	02:45							10/07/23	36.8	34.9	1.3	0
	03:00							10/07/23	34.1	31.3	1.3	0
	03:15							10/07/23	32.1	31.0	1.3	0
	03:30							10/07/23	34.1	31.3	1.3	0
	03:45							10/07/23	33.8	31.1	1.8	0
	04:00							10/07/23	33.4	31.0	1.8	0
	04:15							10/07/23	33.5	31.3	1.3	0
	04:30							10/07/23	35.0	30.9	1.3	0
	04:45							10/07/23	44.0	32.8	1.8	0
	05:00							10/07/23	45.4	33.1	1.8	0
	05:15							10/07/23	36.6	32.6	1.8	0
	05:30							10/07/23	43.6	33.3	1.8	0
	05:45							10/07/23	45.5	35.0	2.2	0
	06:00							10/07/23	43.5	34.8	2.2	0
	06:15							10/07/23	43.0	35.5	2.7	0
	06:30							10/07/23	39.5	35.4	2.7	0
	06:45							10/07/23	46.6	40.4	3.1	0
	07:00							10/07/23	47.7	39.3	3.1	0
	07:15							10/07/23	42.4	38.2	3.1	0
	07:30							10/07/23	43.6	39.8	3.6	0
	07:45							10/07/23	43.4	36.7	2.7	0
	08:00							10/07/23	45.7	36.9	2.2	0
	08:15							10/07/23	50.7	44.2	1.8	0
	08:30							10/07/23	51.0	46.3	3.6	0
	08:45							10/07/23	50.9	48.1	4	0
	09:00							10/07/23	48.4	42.3	4	0
	09:15							10/07/23	47.7	42.6	4	0
	09:30							10/07/23	48.1	44.5	4	0
	09:45							10/07/23	51.8	46.4	4.5	0
	10:00							10/07/23	54.3	50.2	4.9	0
	10:15							10/07/23	50.2	45.1	3.6	0
	10:30							10/07/23	48.7	42.0	4	0
	10:45							10/07/23	48.4	42.0	4	0
	11:00							10/07/23	53.4	43.6	5.4	0
	11:15							10/07/23	55.3	47.7	6.7	0
	11:30							10/07/23	51.6	44.9	5.4	0
	11:45							10/07/23	53.1	45.0	5.4	0

Head Office
Spectrum Acoustic Consultants Ltd
27-29 High Street
Biggleswade
Bedfordshire
SG18 0JE
UNITED KINGDOM

+44 (0)1767 318871
enquiries@spectrumacoustic.com
www.spectrumacoustic.com