HS2

August 2026

Construction noise and vibration Monthly Report – August 2026

London Borough of Camden

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Non-Technical Summary

This Noise and Vibration Monitoring Report fulfils HS2 Limited's commitment detailed in the Environmental Minimum Requirements (EMRs), Annex 1, Code of Construction Practice, to present the results of noise and vibration monitoring carried out within London Borough of Camden during the month of August 2026.

Within this period monitoring was undertaken at the following worksites:

- Adelaide Road Ventilation Shaft (ref.: ARVS) where low-key site inspections and checks, site security, replacing welfare foundations and utility works were underway.

- Vehicle Holding Area worksite (ref.: VHA), where deliveries, site maintenance and surveys were underway.

- Mornington Street Bridge worksite (ref.: MSB), Park Village East worksite (ref.: PVE), Euston Scissor Box worksite (ref.: ESB), Euston Throat Retained Cut worksite (ref.: ETRC), Euston Throat Retained Cut worksite (ref.: ETRC), Granby Terrace Bridge worksite (ref.: GTB), Hampstead Road Bridge worksite (ref.: HRB), and Euston Cavern worksite (ref.: ECAV) collectively known as Euston Approaches where deliveries (including abnormal loads), site maintenance, surveys, utility works, earthworks, retaining wall mitigation works, concrete works, formwork installation, steel fixing, hydro scabbling, turntable construction, road diversion enabling works, hoarding and access amendments activities were underway.

- Former National Temperance Hospital - Euston North, Maria Fidelis worksite (ref.: NTH-EN, MF) where cabin removal works, site demobilisation activities, borehole drilling, exhumations, stockpile management, landscaping works, enabling works for link bridge and lift, and internal refurbishment works were underway.

- Traction Substation worksite (ref.: TSS) where Drainage installation, L-wall installation, tarmac install drainage installation and utilities works were underway.

- Former Two Tower Site and Western Taxi Rank (ref.: ETD & WRT) where deliveries and collections and utility works were underway.

- Utilities adjacent to Euston Street (ref.: UN) where water diversion works and pilar relocation works were underway.

Further works, where monitoring did not take place, were also undertaken at:

- Utilities works on Delancy, Parkway, Finchley, Stanhope and Hampstead Road where utility diversions activities were underway.

The HS2 threshold levels for significant noise impacts, which are defined in Information Paper E23 (https://www.gov.uk/government/publications/hs2-information-papersenvironment) were exceeded four (4) times during the reporting period.

There were no exceedances of trigger levels as defined in section 61 consents during the reporting period at any monitoring position.

4 complaints were received during the monitoring period. A description of complaints, the results of investigations and any actions taken are detailed in Table 8 of this report.

Abbreviations and Descriptions

The abbreviations, descriptions and project terminology used within this report can be found in Table 1.

Table 1: Table of Abbreviations

Acronym/Term	Definition
LAeq,T	See equivalent continuous sound pressure level.
Ambient Sound	A description of the all-encompassing sound at a given location and time which will include sound from many sources near and far. Ambient sound can be quantified in terms of the equivalent continuous sound pressure level, LpAeq,T
Decibel(s), or dB	Between the quietest audible sound and the loudest tolerable sound there is a million to one ratio in sound pressure (measured in Pascal (Pa)). Because of this wide range, a level scale called the decibel (dB) scale, based on a logarithmic ratio, is used in sound measurement. Audibility of sound covers a range of approximately 0-140dB.
Decibel(s) A-weighted, or dB(A)	The human ear system does not respond uniformly to sound across the detectable frequency range and consequently instrumentation used to measure sound is weighted to represent the performance of the ear. This is known as the 'A weighting' and is written as 'dB(A)'.
Equivalent continuous sound pressure level, or LAeq,T	An index used internationally for the assessment of environmental sound impacts. It is defined as the notional unchanging level that would, over a given period of time (T), deliver the same sound energy as the actual time-varying sound over the same period. Hence fluctuating sound levels can be described in terms of an equivalent single figure value, typically expressed as a decibel level.
Exclusion of data	Measurement of noise levels can be affected by weather conditions such as prolonged periods of rain, winds speeds higher than 5m/s and snow/ice ground cover. Noise levels measured during these periods are considered not representative of normal noise conditions at the site and, for the purposes of this report, are excluded from the assessment of exceedances and calculation of typical noise levels and are also greyed out in charts. Identifiable incongruous noise and vibration events not attributable to HS2 construction noise are also excluded.
Façade	A facade noise level is the noise level 1m in front of a large reflecting surface. The effect of reflection, is to produce a slightly higher (typically +2.5 to +3 dB) sound level than it would be if the reflecting surface was not there.
Free-field	A free-field noise level is the noise level measured at a location where no reflective surfaces, other than the ground, lies within 3.5 metres of the microphone position.
LOAEL	Lowest Observed Adverse Effect Level - the level above which adverse effects on health and quality of life can be detected.
Peak particle velocity, or PPV	Instantaneous maximum velocity reached by a vibrating element as it oscillates about its rest position. The PPV is a simple indicator of perceptibility and risk of damage to structures due to vibration. It is usually measured in mm/s.
SOAEL	Significant Observed Adverse Effect Level - the level above which significant adverse effects on health and quality of life occur.

Sound pressure level	The parameter by which sound levels are measured in air. It is measured in decibels. The threshold of hearing has been set at 0dB, while the threshold of pain is approximately 120dB. Normal speech is approximately 60dB at a distance of 1 metre and a change of 3dB in a time varying sound signal is commonly regarded as being just detectable. A change of 10dB is subjectively twice, or half, as loud.
Vibration dose value, or VDV	An index used to evaluate human exposure to vibration in buildings. While the PPV provides information regarding the magnitude of single vibration events, the VDV provides a measure of the total vibration experienced over a specified period of time (typically 16h daytime and 8h night-time). It takes into account the magnitude, the number and the duration of vibration events and can be used to quantify exposure to continuous, impulsive, occasional and intermittent vibration. The vibration dose value is measured in $m/s^{1.75}$.

1 Introduction

1.1.1 HS2 is required to undertake noise (and vibration) monitoring as necessary to comply with the requirements of the High Speed Rail (London-West Midlands) Environmental Minimum Requirements, including specifically Annex 1: Code of Construction Practice, in addition to any monitoring requirements arising from conditions imposed through consents under Section 61 of the Control of Pollution Act, 1974 or through Undertakings & Assurances given to third parties. Such monitoring may be undertaken for the following purposes:

- monitoring the impact of construction works;
- to investigate complaints, incidents and exceedance of trigger levels; or
- monitoring the effectiveness of noise and vibration control measures.

Monitoring data and interpretive reports are to be provided to each relevant local authority on a monthly basis and shall include a summary of the construction activities occurring, the data recorded over the monitoring period, any complaints received, any periods in exceedance of agreed trigger levels, the results of any investigations and any actions taken or mitigation measures implemented. This report provides noise data, and interpretation thereof, for monitoring carried out by HS2 within the London Borough of Camden (LBC) area for the period 1-31 August 2026.

1.1.2 Active construction sites in the local authority area during this period include:

- The Adelaide Road ventilation shaft, ref.: ARVS (See plan 1 in Appendix A), where work activities included:
    - Low-key site inspections checks
    - Site security
    - Replacing welfare foundations
    - Utility works
- Vehicle Holding Area worksite ref.: VHA (see plan 1 in Appendix A), where work activities included:
    - Deliveries
    - Site maintenance
    - Surveys
    - Haul road and drainage maintenance
- Mornington Street Bridge worksite, ref.: MSB, Park Village East worksite, ref.: PVE, Euston Scissor Box worksite, ref.: ESB, Euston Throat Retained Cut worksite, ref.: ETRC, Granby Terrace Bridge worksite, ref.: GTB (see plan 2 in Appendix A), Euston Cavern worksite, ref.: ECAV, and Hampstead Road Bridge worksite, ref.: HRB (see plan 3 in Appendix A) collectively known as ‘Euston Approaches’ where work activities included:
    - Deliveries including abnormal load arrivals
    - Site maintenance including haul roads, drainage and hoarding
    - Surveys

- Utility works
- Earthworks including excavations
- Retaining wall removal
- Concrete works including pouring, repairs and reinforcement
- Formwork installation
- Steel fixing
- Hydro scabbling
- Turntable construction
- Road diversion enabling works
- Traffic management adjustments
- Hoarding and access amendments

- Former Two Tower Site and Western Taxi Rank worksite, ref.: WTD & WTR (see plan 4 in Appendix A), where work activities included:
  - Deliveries and collections
  - Utility works
- Former National Temperance Hospital – Euston North, Maria Fidelis worksite, ref.: NTH-EN and MF (see plan 4 in Appendix A), where work activities included:
  - Cabin removal
  - Site demobilisation
  - Borehole drilling
  - Exhumations
  - Stockpile management
  - Landscaping works
  - Enabling works for link bridge and lift
  - Internal refurbishment works
- Traction Substation worksite, ref.: TSS (see plan 4 in Appendix A), where work activities included:
  - Deliveries and movement of materials
  - Western Utility Haul road construction
  - Drainage installation
  - L-wall installation
  - Tarmac install
- Utilities adjacent to Euston Street, ref.: UN (see plan 3 in Appendix A) where work activities included:
  - Water diversion works in North Gower St
  - Secondary diversion works on Eversholt St
  - Pilar relocation on Hampstead Road

1.1.3 Further works, where monitoring did not take place, were also undertaken at:

- Utilities works activities were taking place:
  - Parkway and Delancey Street
  - Hampstead Road
  - Stanhope Street
  - Lidlington Place
  - Finchley Road

1.1.4 The applicable standards, guidance, and monitoring methodology is outlined in the construction noise and vibration monitoring methodology report which can be found at the following location https://www.gov.uk/government/collections/monitoring-the-environmental-effects-of-hs2. Noise and vibration monitoring reports for previous months can also be found at this location.

1.2 Measurement Locations

1.2.1 33 noise and 11 vibration monitoring installations were active in August in the London Borough of Camden area. Tables 2a and 2b summarise the position of noise and vibration monitoring installations within the London Borough of Camden area in August 2026.

1.2.2 Maps showing the position of noise and vibration monitoring installations are presented in Appendix B.

Table 2a: Noise Monitoring Locations

Worksite Reference	Measurement Reference	Address
Euston Approaches	N001	Park Village East Lamppost #1 Outside Cubitt Court
	N001b	Park Village East Adjacent to Cubitt Court
	N002	Park Village East Lamppost #2 Outside Richmond House
	N003	Park Village East Lamppost #15 Outside Silsoe House
	N004	Mornington Terrace Lamppost #7 Junction of Mornington Terrace, Mornington Place & Clarkson Row
	N005	Euston Approaches – Xavier House site office external staircase
	N018	Outside Lindale, Hampstead Road
	N019	Euston Approaches site hoarding – north facing façade of Cartmel House
	N020	Lamppost on corner of Mackworth Street and Harrington Street
	N021	Lamppost on Stanhope Street, west of Stephenson House site office
	N022	Lamppost #34 on Mornington Terrace, between Mornington Street Bridge and Edinboro Castle pub
	N023	Euston Approaches site hoarding – north facing façade of Cartmel House
	N023B	Euston Throat Retained Cut site hoarding south of Hampstead Road Bridge
	N024	Euston Approaches site hoarding – between Stephenson House site office and Langdale, Regent's Park Estate
	N026a	Euston Approaches site hoarding – east facing façade of Cartmel House
	N044	Euston Approaches site hoarding – between Stephenson House site office and Langdale, Regent's Park Estate
	N045	Euston Approaches site hoarding – east of Coniston, Regent's Park Estate
	N046	Lamppost on Mornington Terrace, between Mornington Street Bridge and Delancey Street, near Edinboro Castle pub

	N047	Lamppost #3 on corner of Park Village East and Mornington Street Bridge
	PVS-N001	Park Village Studios
TSS	N006	Roof of RCGP, facing north
	N008	Outisde RCGP, Stephenson Way
	N010	East façade of Wesley Hotel
	N011	Outside 82 Euston Street
	N012	Outside 96 Drummond Street
ETD, WTR	N007	Outside RCGP, Melton Street
MFOS	N014	Opposite 27-28 Starcross Street
NTH-EN	N016	Roof of Margarete Centre
	N017	Outside Mardale, Hampstead Road
NTH-N	N018	Outside Lindale, Hampstead Road
Euston Approaches Vehicle Holding Area	N025	Lamppost #3 on Prince Albert Road opposite the Vehicle Holding Area (VHA) site
ARVS	N051	Outside 70 Adelaide Road
	N052	Adelaide Road-Beaumont Walk

Table 2b: Vibration Monitoring Locations

Worksite Reference	Measurement Reference	Address
Euston Approaches	PVS-V001	Park Village Studios
	SH-V001	Basement of Silsoe House
	V039	Euston Approaches site – east of Coniston, Regent's Park Estate
	V043	Euston Approaches site – Cartmel House, Regents Park Estate
TSS	V002	RCGP basement boiler room, Stephenson Way
	V037	Magic Circle basement, Stephenson Way
	V038	Wesley Hotel basement, Regnart Buildings
ETD, WTR	V003	RCGP basement vaults, Melton Street
NTH-EN	V021	42 Cobourg Street, ground level
UN	V060	Prankerd House Basement, North Gower St
	V061	92 Euston St

2 Summary of Results

2.1 Summary of Measured Noise and Vibration Levels

2.1.1 Table 3 presents a summary of the measured noise levels at each monitoring location over the reporting period. The LAeq,T is presented for each of the relevant time periods averaged over the calendar month, along with the highest single period LAeq,T that was found to occur within the month.

Table 3: Summary of Measured dB LAeq Data over the Monitoring Period

Worksite Reference.	Measurement Reference	Site Address	Free-Field or Façade Measurement	Weekday Average LAeq,T (Highest Day LAeq,T)					Saturday Average LAeq,T (Highest Day LAeq,T)					Sunday / Public Holiday LAeq,T (Highest Day LAeq,T)	
				0700 - 0800	0800 - 1800	1800 - 1900	1900 - 2200	2200 - 0700	0700 - 0800	0800 - 1300	1300 - 1400	1400 - 2200	2200 - 0700	0700 - 2200	2200 - 0700
ARVS	N051	Outside 70 Adelaide Road	Free field	65.3 (71.0)	66.5 (68.1)	66.6 (71.3)	66.1 (73.9)	63.4 (76.2)	63.1 (63.7)	65.3 (67.0)	65.1 (66.4)	66.1 (73.9)	63.0 (70.2)	65.0 (73.0)	62.8 (68.2)
	N052	Adelaide Road-Beaumont Walk	Free field	64.2 (66.2)	65.7 (67.7)	65.7 (72.9)	65.8 (73.3)	62.8 (72.8)	61.9 (62.6)	64.7 (69.1)	64.2 (67.1)	64.7 (73.0)	62.7 (69.3)	64.2 (76.0)	62.1 (68.3)
Euston Approaches	N001	Park Village East Lamppost #1 Outside Cubitt Court	Free-field	56.5 (59.6)	61.6 (67.2)	57.9 (63.0)	56.5 (63.6)	51.9 (62.5)	54.8 (55.8)	56.6 (57.8)	55.6 (57.7)	56.7 (64.8)	51.0 (57.3)	57.5 (70.8)	54.0 (67.7)
	N001b*	Park Village East Adjacent to Cubitt Court	Free-field	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)
	N002	Park Village East Lamppost #2 Outside Richmond House	Free-field	57.9 (60.3)	60.7 (62.9)	60.5 (63.9)	58.5 (62.6)	54.5 (64.7)	56.5 (57.1)	57.4 (58.1)	57.6 (59.4)	58.2 (60.2)	53.5 (58.3)	57.4 (63.6)	54.0 (62.1)
	N003*	Park Village East Lamppost #2 Outside Richmond House	Free-field	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)
	N004	Mornington Terrace Lamppost #7 Junction of Mornington Terrace, Mornington Place & Clarkson Row	Free-field	63.4 (65.6)	63.2 (64.7)	62.4 (64.6)	63.1 (67.3)	59.4 (71.8)	64.5 (66.0)	61.9 (63.0)	60.1 (60.7)	60.5 (61.9)	53.3 (60.8)	60.1 (65.0)	58.8 (66.0)
	N005	Euston Approaches – Xavier House site office external staircase	Free-field	62.7 (65.4)	64.1 (68.6)	63.6 (69.2)	62.8 (67.8)	59.4 (65.2)	63.0 (64.8)	62.9 (64.8)	60.8 (61.4)	61.9 (64.8)	57.5 (64.6)	62.0 (66.2)	60.1 (64.8)
	N018	Outside Lindale, Hampstead Road	Free-field	64.8 (68.1)	67.7 (71.6)	64.7 (67.2)	65.2 (68.6)	63.6 (71.3)	63.4 (65.7)	65.1 (65.6)	63.8 (67.0)	64.9 (68.8)	63.9 (71.8)	64.3 (70.4)	63.9 (69.4)
	N019	Euston Approaches site hoarding – north facing	Façade	57.4 (62.0)	61.6 (70.7)	57.7 (60.8)	58.0 (61.7)	55.5 (62.6)	55.1 (57.9)	56.3 (57.2)	55.7 (59.0)	56.4 (60.8)	55.2 (64.6)	57.3 (65.2)	56.2 (62.8)

	façade of Cartmel House													
N020	Lamppost on corner of Mackworth Street and Harrington Street	Free-field	53.4 (58.0)	56.5 (64.8)	52.8 (62.8)	51.6 (54.1)	47.9 (59.7)	51.4 (52.6)	50.9 (52.1)	49.7 (50.3)	52.6 (66.0)	47.7 (56.8)	50.6 (55.2)	47.7 (54.2)
N021	Lamppost on Stanhope Street, west of Stephenson House site office	Free-field	56.9 (62.0)	60.1 (66.7)	57.7 (63.6)	56.3 (68.6)	51.7 (64.4)	53.5 (55.5)	55.5 (57.5)	54.8 (57.6)	57.6 (69.6)	51.2 (57.9)	55.4 (61.5)	51.4 (58.9)
N022	Lamppost #34 on Mornington Terrace, between Mornington Street Bridge and Edinboro Castle pub	Free-field	58.2 (60.0)	60.2 (66.4)	59.7 (62.2)	58.0 (60.3)	54.1 (61.1)	58.3 (58.7)	57.7 (58.1)	57.5 (58.2)	57.9 (63.6)	53.3 (65.0)	56.4 (61.7)	52.5 (58.1)
N023*	Lamppost #34 on Mornington Terrace, between Mornington Street Bridge and Edinboro Castle pub	Free-field	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)
N023B	Euston Throat Retained Cut site hoarding south of Hampstead Road Bridge	Free-field	63.1 (67.2)	66.2 (68.2)	63.3 (70.6)	62.5 (65.4)	60.9 (72.2)	62.8 (64.8)	62.4 (64.5)	61.6 (63.4)	62.2 (65.4)	61.7 (72.9)	62.3 (67.9)	60.8 (64.8)
N024	Lamppost outside Park Village Studios, Park Village East	Free-field	58.5 (61.6)	58.7 (62.1)	58.5 (60.6)	57.7 (68.9)	52.3 (62.5)	55.5 (56.7)	56.4 (58.7)	57.0 (60.0)	56.5 (61.3)	52.7 (58.1)	55.5 (60.0)	52.6 (63.1)
N026a	Euston Approaches site hoarding – east facing façade of Cartmel House	Façade	59.0 (62.7)	63.5 (67.2)	58.9 (60.9)	59.5 (63.2)	57.7 (64.9)	56.9 (58.7)	58.3 (59.6)	57.0 (60.2)	58.9 (63.2)	57.6 (65.4)	58.5 (65.8)	58.1 (64.0)
N044	Regents Park Estate west, near Langdale	Free-field	57.6 (59.3)	60.5 (62.7)	56.3 (57.7)	55.0 (57.8)	52.1 (60.7)	56.6 (58.8)	55.1 (55.5)	53.7 (53.9)	53.8 (56.5)	49.8 (55.9)	54.5 (58.0)	52.7 (59.1)
N045	Euston Approaches site hoarding – east of Coniston	Free-field	59.8 (62.0)	63.8 (68.2)	59.0 (65.9)	58.4 (63.9)	55.5 (63.1)	57.8 (61.6)	59.0 (61.7)	56.9 (63.3)	57.1 (61.2)	54.7 (62.0)	57.4 (63.3)	55.5 (61.6)
N046	Lamppost on Mornington Terrace, between Mornington Street Bridge and Delancey Street, near Edinboro Castle pub	Free-field	60.9 (62.3)	61.8 (63.6)	61.3 (62.3)	60.7 (63.4)	56.2 (63.0)	61.0 (61.3)	60.0 (60.6)	59.8 (60.0)	60.4 (62.6)	55.5 (64.7)	59.7 (66.6)	56.2 (60.2)
N047	Lamppost on Mornington Terrace, between Mornington Street Bridge	Free-field	57.8 (61.0)	60.8 (65.7)	58.9 (63.9)	58.2 (70.2)	52.9 (65.3)	55.8 (58.4)	56.6 (58.1)	56.8 (57.9)	57.6 (63.0)	52.2 (58.8)	56.6 (69.4)	52.1 (57.7)

		and Delancey Street, near Edinboro Castle pub													
	PVS-N001	Roof of RCGP, facing north	Free field	63.4 (65.5)	64.8 (67.2)	63.8 (64.9)	63.1 (65.1)	58.4 (64.7)	63.1 (64.3)	63.8 (64.6)	63.4 (64.6)	63.0 (64.8)	60.6 (73.6)	62.6 (66.3)	59.1 (64.0)
TSS	N006	Roof of RCGP, facing north	Free field	53.7 (57.2)	65.6 (71.1)	54.6 (58.9)	53.3 (58.9)	50.0 (58.1)	51.8 (52.4)	52.8 (53.4)	53.0 (55.4)	52.9 (58.6)	49.3 (54.4)	53.4 (58.9)	50.1 (52.5)
	N008	Outisde RCGP, Stephenson Way	Façade	59.3 (63.0)	63.1 (67.6)	55.6 (64.1)	55.4 (68.3)	57.1 (70.7)	57.1 (60.3)	56.6 (59.3)	54.7 (56.1)	55.0 (59.3)	53.4 (56.1)	56.0 (64.0)	56.5 (66.4)
	N010	East façade of Wesley Hotel	Façade	69.3 (69.9)	70.5 (72.8)	69.1 (69.3)	67.1 (69.4)	60.1 (69.4)	69.1 (69.3)	69.1 (69.2)	67.8 (69.1)	53.2 (64.8)	59.4 (69.4)	66.4 (70.2)	59.3 (69.5)
	N011	Outside 82 Euston Street	Free field	53.1 (55.9)	60.2 (68.2)	54.3 (57.2)	52.8 (56.7)	49.4 (54.8)	51.0 (52.6)	53.0 (54.9)	54.1 (56.4)	54.3 (66.1)	48.9 (55.4)	52.5 (58.9)	50.5 (58.1)
	N012	Outside 96 Drummond Street	Free field	57.0 (78.6)	65.3 (76.2)	58.0 (61.1)	57.4 (60.4)	54.9 (64.6)	55.0 (55.8)	56.5 (56.7)	56.2 (56.5)	57.4 (63.6)	53.8 (56.9)	57.1 (62.8)	54.8 (63.6)
ETD, WTR	N007	Outside RCGP, Melton Street	Free field	62.2 (63.5)	65.5 (70.2)	61.7 (65.0)	61.4 (65.6)	59.4 (65.9)	61.5 (61.9)	62.9 (63.7)	61.3 (63.0)	61.9 (65.1)	59.0 (64.0)	61.3 (64.9)	59.1 (62.7)
MFOS	N014	Opposite 27-28 Starcross Street	Free field	55.0 (62.0)	59.5 (65.5)	62.2 (69.6)	60.6 (72.2)	54.0 (67.6)	57.6 (66.6)	60.6 (66.8)	60.5 (67.4)	57.6 (64.4)	52.3 (66.3)	54.8 (62.0)	51.4 (57.3)
NTH-EN	N016**	Roof of Margarete Centre	Free field	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)
	N017	Outside Mardale, Hampstead Road	Free field	66.3 (70.1)	68.1 (69.8)	66.2 (69.4)	66.8 (71.6)	65.4 (73.0)	64.8 (66.5)	66.2 (66.6)	66.8 (68.4)	67.0 (71.2)	65.9 (74.0)	66.5 (73.6)	65.4 (69.6)
NTH-N	N018	Outside Lindale, Hampstead Road	Free field	64.9 (68.1)	67.7 (71.7)	64.6 (67.2)	65.3 (68.7)	63.6 (71.3)	63.4 (65.8)	64.9 (65.6)	63.8 (67.0)	64.9 (68.8)	64.0 (71.8)	64.3 (70.3)	64.0 (69.4)
Euston Approaches Vehicle Holding Area	N025	Lamppost #3 on Prince Albert Road	Free-field	65.6 (67.1)	65.4 (67.6)	63.8 (68.9)	63.6 (69.1)	62.6 (74.7)	63.1 (64.4)	64.0 (69.8)	64.5 (67.6)	63.6 (68.6)	62.9 (68.4)	63.4 (72.3)	62.5 (66.6)

* Note: No data measured throughout the month due to loss of power to the lighting column which supplies power to the monitoring station.

** Note: No data recorded due to a fault with the monitor

2.1.2 Table 4: Summary of Measured PPV Data over the Monitoring Period presents a summary of the measured vibration levels at each monitoring location over the reporting period. The highest PPV measured during the monitoring along any axis is presented in the table.

Table 4: Summary of Measured PPV Data over the Monitoring Period

Worksite Reference	Measurement Reference	Monitor Address	Highest PPV measured in any axis, mm/s
ETD, WTR	V003	RCGP basement vaults, Melton Street	0.46 (Z-axis)
Euston Approaches	PVS-V001	Park Village Studios	0.83 (Y-axis)
	SH-V001	Basement of Silsoe House	2.15 (Y-axis)

	V039	Euston Approaches site – east of Coniston, Regent's Park Estate	0.45 (Y-axis)
	V043	Euston Approaches site – Cartmel House, Regents Park Estate	0.50 (Z-axis)
NTH-EN	V021	42 Cobourg Street, ground level	0.83 (Z-axis)
TSS	V002	RCGP basement boiler room, Stephenson Way	4.74 (Y-axis)
	V037	Magic Circle basement, Stephenson Way	8.02 (X-axis)
	V038	Wesley Hotel basement, Regnart Buildings	1.73 (Y-axis)
UN	V060	Prankerd House Basement, North Gower St	0.37 (Z-axis)
	V061	92 Euston St	(*)

* Note: No data measured throughout the month due to a fault with the monitor

2.1.3 Appendix C presents graphs of the noise and vibration monitoring data over the month for each of the measurement locations. Noise data presented consists of the hourly LAeq values and, where relevant, the LAeq,T values (where the time period T has been taken to be the averaging period as specified in Table 1 of HS2 Information Paper E23). Vibration data presented consist of hourly PPV values. The full data set for the monitoring equipment can be found at the following location: https://data.gov.uk/dataset/24542ae7-dd44-444f-b259-871c4cc43b5e/environmental-monitoring-data.

2.2 Exceedances of the SOAEL

2.2.1 The significant observed adverse effect level (SOAEL) is defined in the 'Planning Practice Guidance – Noise' as the level above which "noise causes a material change in behaviour and/or attitude, e.g. avoiding certain activities during periods of intrusion; where there is no alternative ventilation, having to keep windows closed most of the time because of the noise. Potential for sleep disturbance resulting in difficulty in getting to sleep, premature awakening and difficulty in getting back to sleep. Quality of life diminished due to change in acoustic character of the area."

2.2.2 HS2 Phase One Information Paper E23: Control of Construction Noise and Vibration sets out the SOAELs for construction noise.

2.2.3 Where construction noise levels exceed the SOAEL, relevant periods will be identified, and summary statistics provided in order to evaluate ongoing qualification for noise insulation and temporary rehousing.

2.2.4 Table 5 presents a summary of recorded exceedances of the SOAEL at each measurement location over the reporting period, including the number of exceedances during each time period.

Table 5: Summary of Exceedances of SOAEL

Worksite Reference	Measurement Reference	Site Address	Day (Weekday, Saturday, Sunday, Night)	Time period	Number of exceedances of SOAEL
ARVS	N051	Outside 70 Adelaide Road	Weekday	1800 - 1900 1900 - 2200	No exceedances No exceedances

			Saturday	1400 - 2200	No exceedances
			Sunday	0700 - 2200	No exceedances
			Night	2200 - 0700	No exceedances
	N052	Adelaide Road-Beaumont Walk	Weekday	1800 - 1900	No exceedances
				1900 - 2200	No exceedances
			Saturday	0800 - 1300	No exceedances
				1400 - 2200	No exceedances
			Sunday	0700 - 2200	No exceedances
			Night	2200 - 0700	No exceedances
ETD, WTR	N007	North of Euston Road and East of Melton St	Weekday	0700 - 0800	No exceedances
				0800 - 1800	No exceedances
				1800 - 1900	No exceedances
				1900 - 2200	No exceedances
			Saturday	0700 - 0800	No exceedances
				0800 - 1300	No exceedances
				1300 - 1400	No exceedances
				1400 - 2200	No exceedances
			Sunday	0700 - 2200	No exceedances
			Night	2200 - 0700	No exceedances
Euston Approaches	N001	Park Village East Lamppost #1 Outside Cubitt Court	Weekday	0800 - 1800	No exceedances
				1900 - 2200	No exceedances
			Saturday	1400 - 2200	No exceedances
			Sunday	0700 - 2200	1
			Night	2200 - 0700	No exceedances
	N001b	Park Village East Adjacent to Cubitt Court	All days	All periods	No exceedances
	N002	Park Village East Lamppost #2 Outside Richmond House	Weekday	1900 - 2200	No exceedances
			Sunday	0700 - 2200	No exceedances
			Night	2200 - 0700	No exceedances
	N003	Park Village East Lamppost #15 Outside Silsoe House	All days	All periods	No exceedances
	N004	Mornington Terrace Lamppost #7 Junction of Mornington Terrace, Mornington Place & Clarkson Row	Weekday	0700 - 0800	No exceedances
				1900 - 2200	No exceedances
			Saturday	0700 - 0800	No exceedances
			Sunday	0700 - 2200	No exceedances
			Night	2200 - 0700	No exceedances
	N005	Euston Approaches – Xavier House site office external staircase	Weekday	0800 - 1800	No exceedances
				1800 - 1900	No exceedances
				1900 - 2200	No exceedances
			Sunday	0700 - 2200	No exceedances
			Night	2200 - 0700	No exceedances

N018	Euston Approaches – Xavier House site office external staircase	All days	All periods	No exceedances
N019	Outside replacement housing, Hampstead Road	All days	All periods	No exceedances
N020	Lamppost on corner of Mackworth Street and Harrington Street	Weekday	0800 - 1800	No exceedances
			1800 - 1900	No exceedances
		Saturday	1400 - 2200	No exceedances
		Night	2200 - 0700	No exceedances
N021	Lamppost on Stanhope Street, west of Stephenson House site office	Weekday	0700 - 0800	No exceedances
			0800 - 1800	No exceedances
			1800 - 1900	No exceedances
			1900 - 2200	No exceedances
		Saturday	1400 - 2200	No exceedances
		Sunday	0700 - 2200	No exceedances
		Night	2200 - 0700	No exceedances
N022	Lamppost #34 on Mornington Terrace, between Mornington Street Bridge and Edinboro Castle pub	Weekday	0800 - 1800	No exceedances
			1900 - 2200	No exceedances
		Saturday	1400 - 2200	No exceedances
		Sunday	0700 - 2200	No exceedances
		Night	2200 - 0700	No exceedances
N023	Lamppost #21 on Hampstead Road - opposite Xavier House site office	All days	All periods	No exceedances
N023B	Euston Throat Retained Cut site hoarding south of Hampstead Road Bridge	Night	2200 - 0700	No exceedances
N024	Lamppost outside Park Village Studios, Park Village East	Weekday	1900 - 2200	No exceedances
		Night	2200 - 0700	No exceedances
N026a	Euston Approaches site hoarding – east facing façade of Cartmel House	All days	All periods	No exceedances
N044	Regents Park Estate west, near Langdale	Night	2200 - 0700	No exceedances
N045	Euston Approaches site hoarding – east of Coniston, Regent's Park Estate	Weekday	0700 - 0800	No exceedances
			0800 - 1800	No exceedances
			1800 - 1900	No exceedances
			1900 - 2200	No exceedances
		Saturday	0700 - 0800	No exceedances
			1300 - 1400	No exceedances
			1400 - 2200	No exceedances

			Sunday	0700 - 2200	No exceedances
			Night	2200 - 0700	No exceedances
	N046	Lamppost on Mornington Terrace, between Mornington Street Bridge and Delancey Street, near Edinboro Castle pub	Weekday	0700 - 0800	No exceedances
				1900 - 2200	No exceedances
			Saturday	1400 - 2200	No exceedances
			Sunday	0700 - 2200	No exceedances
			Night	2200 - 0700	1
	N047	Lamppost #3 on corner of Park Village East and Mornington Street Bridge	Weekday	1900 - 2200	No exceedances
			Saturday	1400 - 2200	No exceedances
			Sunday	0700 - 2200	No exceedances
			Night	2200 - 0700	No exceedances
	PVS-N001	Park Village Studios	Weekday	0700 - 0800	No exceedances
				1900 - 2200	No exceedances
			Saturday	0700 - 0800	No exceedances
				1300 - 1400	No exceedances
				1400 - 2200	No exceedances
			Sunday	0700 - 2200	No exceedances
			Night	2200 - 0700	3
Euston Approaches Vehicle Holding Area	N025	Lamppost #3 on Prince Albert Road opposite the Vehicle Holding Area (VHA) site	Weekday	1800 - 1900	No exceedances
				1900 - 2200	No exceedances
			Saturday	0800 - 1300	No exceedances
				1400 - 2200	No exceedances
			Sunday	0700 - 2200	No exceedances
			Night	2200 - 0700	No exceedances
MFOS	N014	Opposite 27-28 Starcross Street	Weekday	0700 - 0800	No exceedances
				0800 - 1800	No exceedances
				1800 - 1900	No exceedances
				1900 - 2200	No exceedances
			Saturday	0700 - 0800	No exceedances
				0800 - 1300	No exceedances
				1300 - 1400	No exceedances
				1400 - 2200	No exceedances
			Sunday	0700 - 2200	No exceedances
			Night	2200 - 0700	No exceedances
NTH-EN	N016	The site of the former Maria Fidelis School and National Temperance Hospital	All days	All periods	No exceedances
	N017	The site of the former Maria Fidelis School and National Temperance Hospital	Weekday	1900 - 2200	No exceedances
			Sunday	0700 - 2200	No exceedances
			Night	2200 - 0700	No exceedances
NTH-N	N018	The site of the former Maria Fidelis School	All days	All periods	No exceedances

		and National Temperance Hospital			
TSS	N006	Located west of Euston Station, between Stephenson Way, Melton St and Drummond St	Weekday	0800 - 1800	No exceedances
				1800 - 1900	No exceedances
				1900 - 2200	No exceedances
			Saturday	1400 - 2200	No exceedances
			Sunday	0700 - 2200	No exceedances
			Night	2200 - 0700	No exceedances
	N008	Located west of Euston Station, between Stephenson Way, Melton St and Drummond St	Weekday	0700 - 0800	No exceedances
				0800 - 1800	No exceedances
				1800 - 1900	No exceedances
				1900 - 2200	No exceedances
			Saturday	1400 - 2200	No exceedances
			Sunday	0700 - 2200	No exceedances
			Night	2200 - 0700	No exceedances
	N010	Located west of Euston Station, between Stephenson Way, Melton St and Drummond St	Weekday	0700 - 0800	No exceedances
				0800 - 1800	No exceedances
				1800 - 1900	No exceedances
				1900 - 2200	No exceedances
			Saturday	0700 - 0800	No exceedances
				0800 - 1300	No exceedances
				1300 - 1400	No exceedances
				1400 - 2200	No exceedances
			Sunday	0700 - 2200	No exceedances
			Night	2200 - 0700	No exceedances
	N011	Located west of Euston Station, between Stephenson Way, Melton St and Drummond St	Weekday	0800 - 1800	No exceedances
			Saturday	1400 - 2200	No exceedances
	N012	Located west of Euston Station, between Stephenson Way, Melton St and Drummond St	Weekday	0700 - 0800	No exceedances
				0800 - 1800	No exceedances
			Saturday	1400 - 2200	No exceedances
			Sunday	0700 - 2200	No exceedances
			Night	2200 - 0700	No exceedances

2.2.5 For the purpose of assessing eligibility for noise insulation or temporary rehousing, multiple exceedances of the SOAEL in a 24-hour period would be counted as a single exceedance during that day. Over the reporting period, the overall number of SOAEL exceedances at each measurement location is shown in Table 6 and may be lower than the total sum of individual exceedances reported in Table 5 for each location.

Table 6: Summary of Total Exceedances of SOAEL

Worksite Reference	Measurement Reference	Monitor Address	Total of SOAEL exceedances in the month
Euston Approaches	N001	Park Village East Lamppost #1 Outside Cubitt Court	1
	N046	Lamppost on Mornington Terrace, between Mornington Street Bridge and Delancey Street, near Edinboro Castle pub	1
	PVS-N001	Park Village Studios	3

2.3 Exceedances of Trigger Level

2.3.1 Table 7 provides a summary of exceedances of the S61 trigger noise levels determined to be due to HS2 related construction noise measured during the reporting period, along with the findings of any investigation.

Table 7: Summary of Exceedances of Trigger Levels

Complaint Reference Number (if applicable)	Worksite Reference	Date and Time Period	Identified Source	Results of Investigation (including noise monitoring results)	Actions Taken
-	-	-	-	-	-

2.4 Complaints

2.4.1 Table 8 provides a summary of complaint information related to noise and vibration received during the reporting period, monitor along with the findings of any investigation.

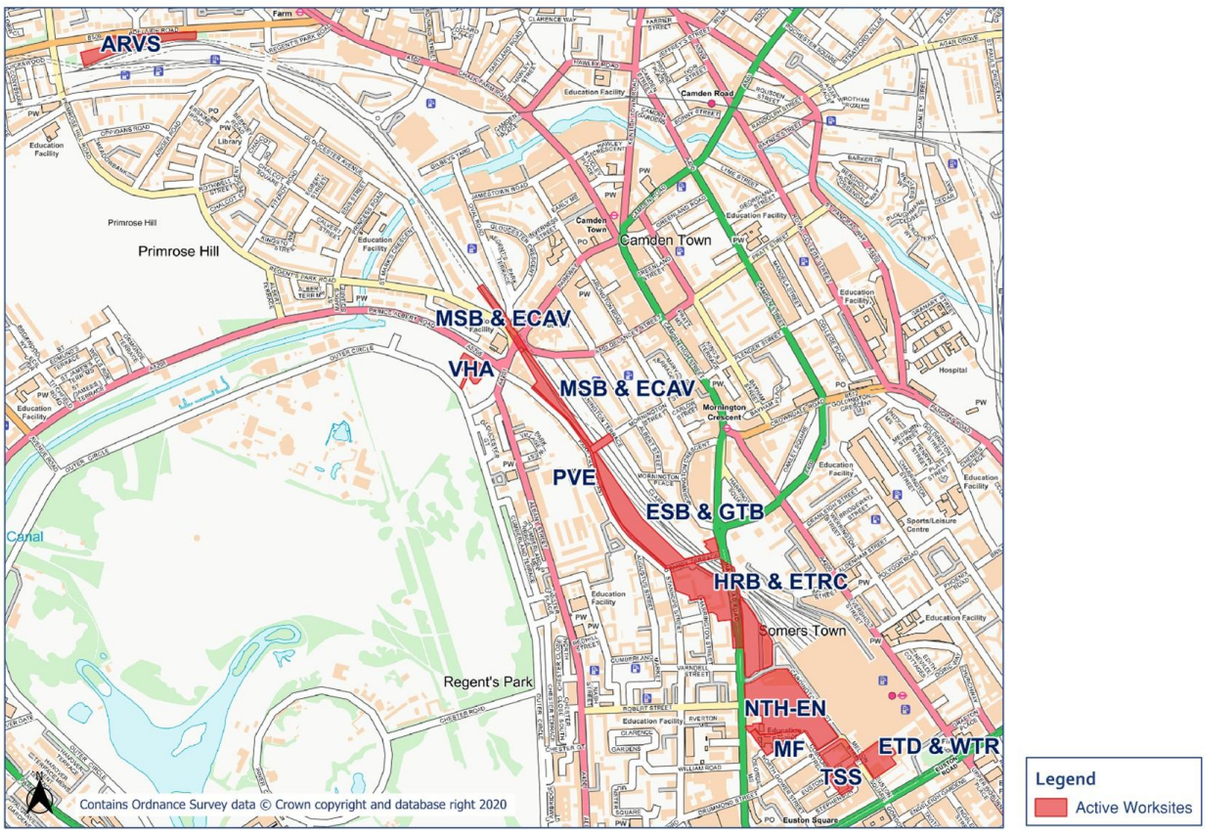
Table 8: Summary of Complaints

Complaint Reference Number	Worksite Reference	Description of Complaint	Results of Investigation	Actions Taken
HS2-26-47677-C	UN	Concerns raised regarding the level of dust and noise generated by the works on Euston Street and North Gower Street.	Investigation initiated and found that works were ongoing in accordance with the issued consent. Review of mitigation undertaken. Noise levels checked and within consented levels.	Stakeholder informed of the results of investigation
HS2-26-137223-E-C	UN	Noise at Night – 7pm – 7am	Utilities works Planned night-time works required due to	Stakeholder informed of the results of investigation

			interface with Thames Water infrastructure.	
HS2-26-47753-C	Utilities	Complaint received regarding Finchley Road Utilities and prolonged and repeated noise and vibration impacts from the works.	Investigation instigated and found works were ongoing in accordance with the issued consent. Review of mitigation undertaken. Noise levels checked and within consented levels.	Response pending.
HS2-26-137069-E-C	Euston Approaches	Complaint regarding recurring whistling noise from tower cranes near a residential property, requesting investigation of the source and an update on any actions taken.	Investigation on-going to identify source and actions.	Response pending.

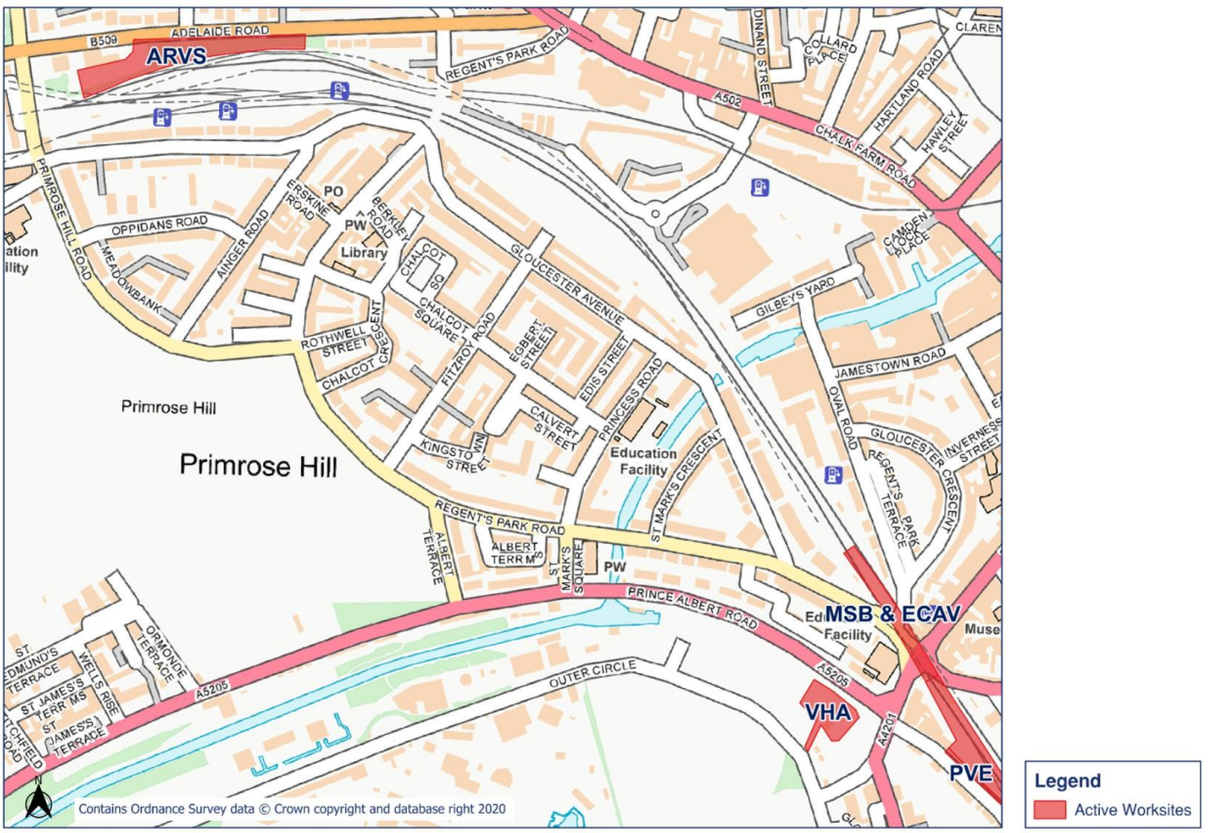
Appendix A Site Locations

HS2 **Worksite Identification Plan - Overview**

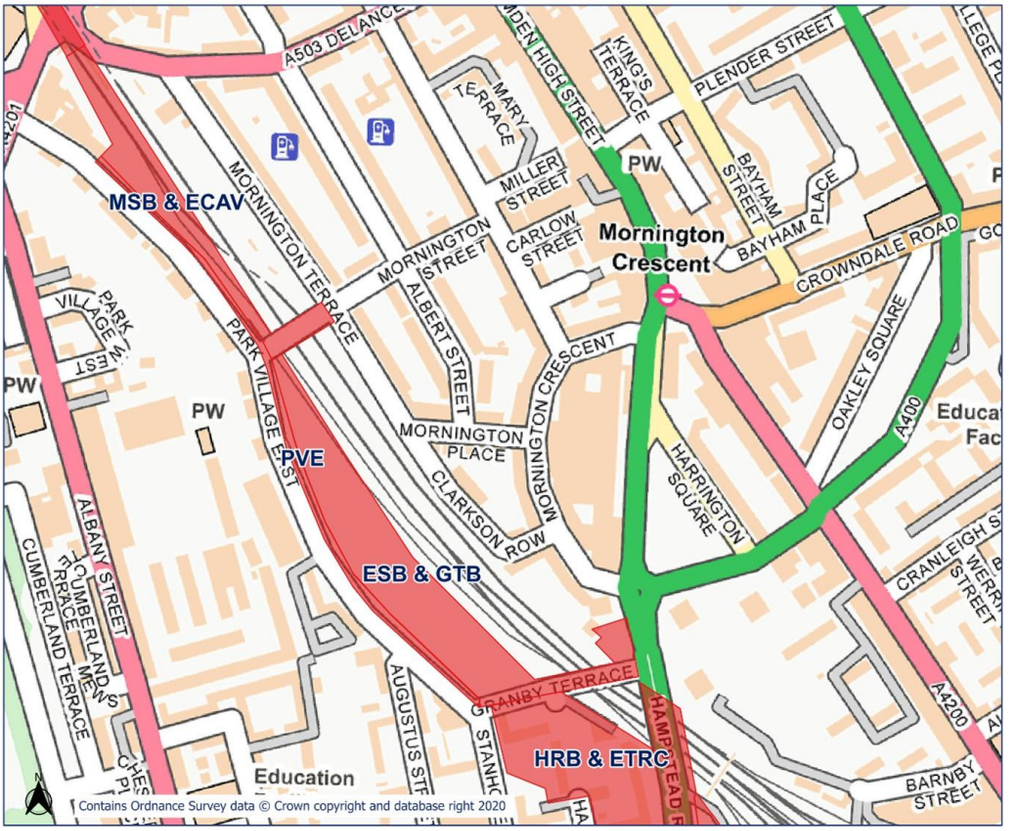


HS2

Worksite Identification Plan - 1

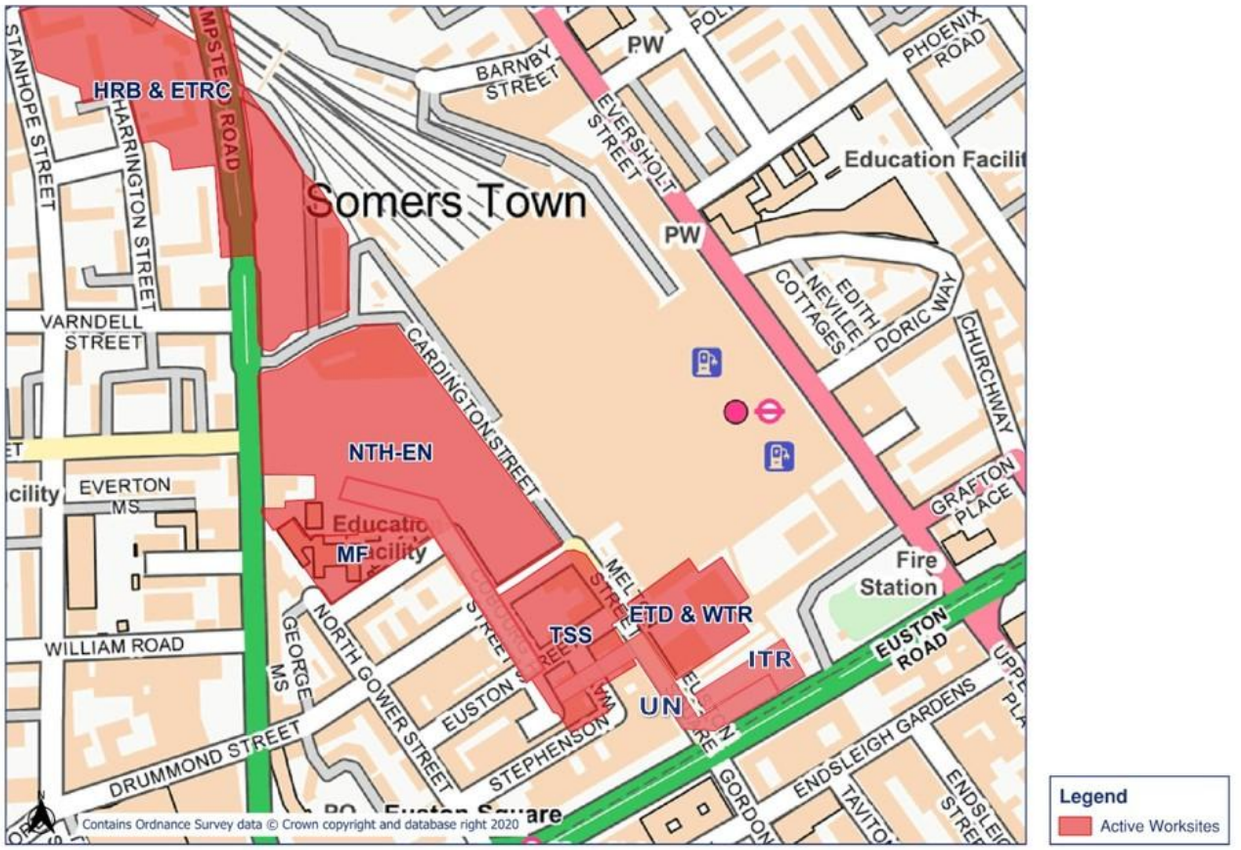


Worksite Identification Plan - 2



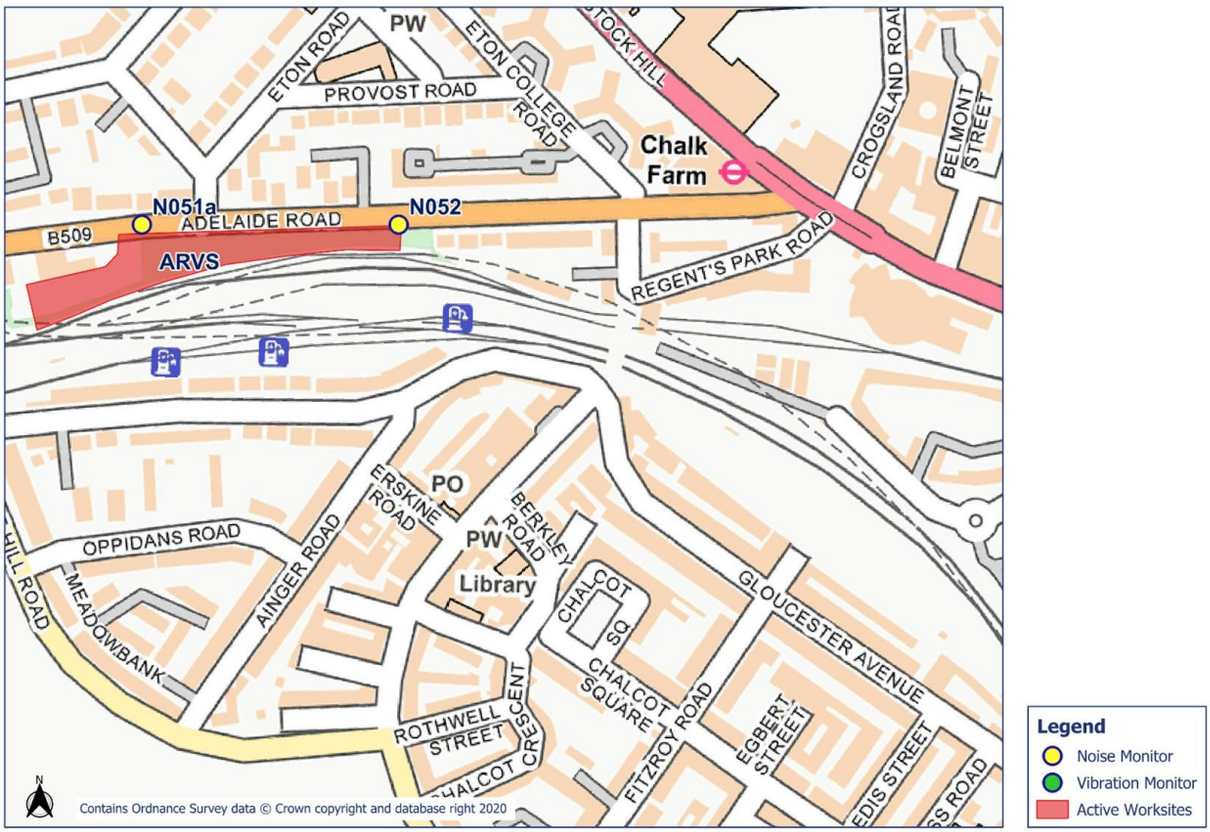
HS2

Worksite Identification Plan - 3

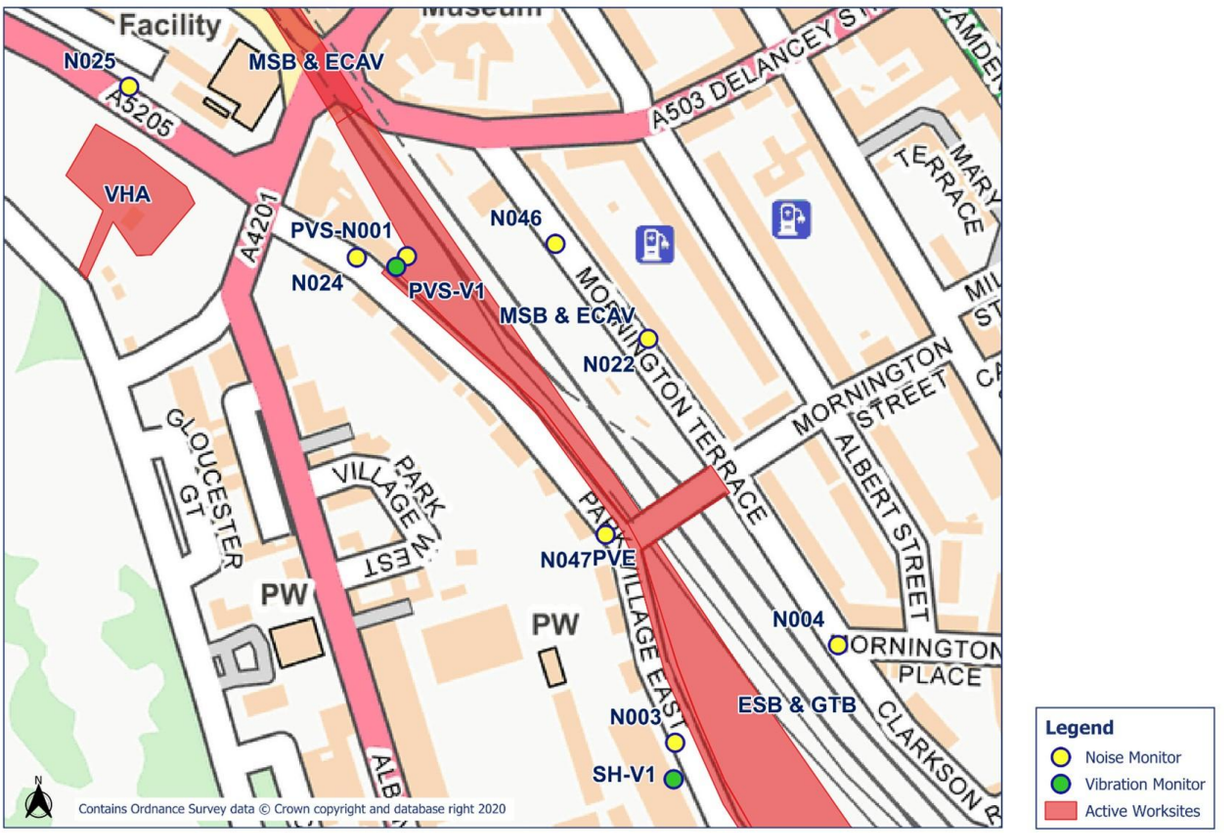


Appendix B Monitoring Locations

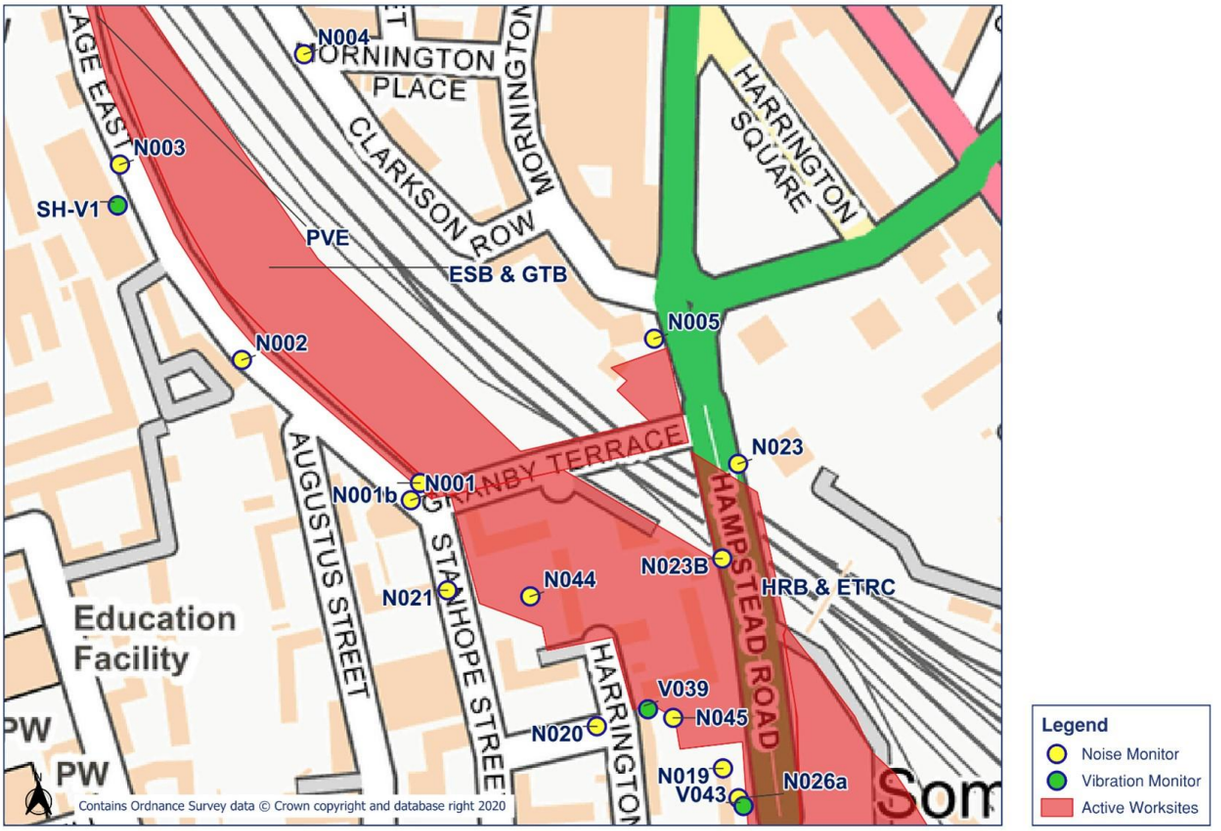
HS2 Noise and Vibration Monitoring Plan - 1



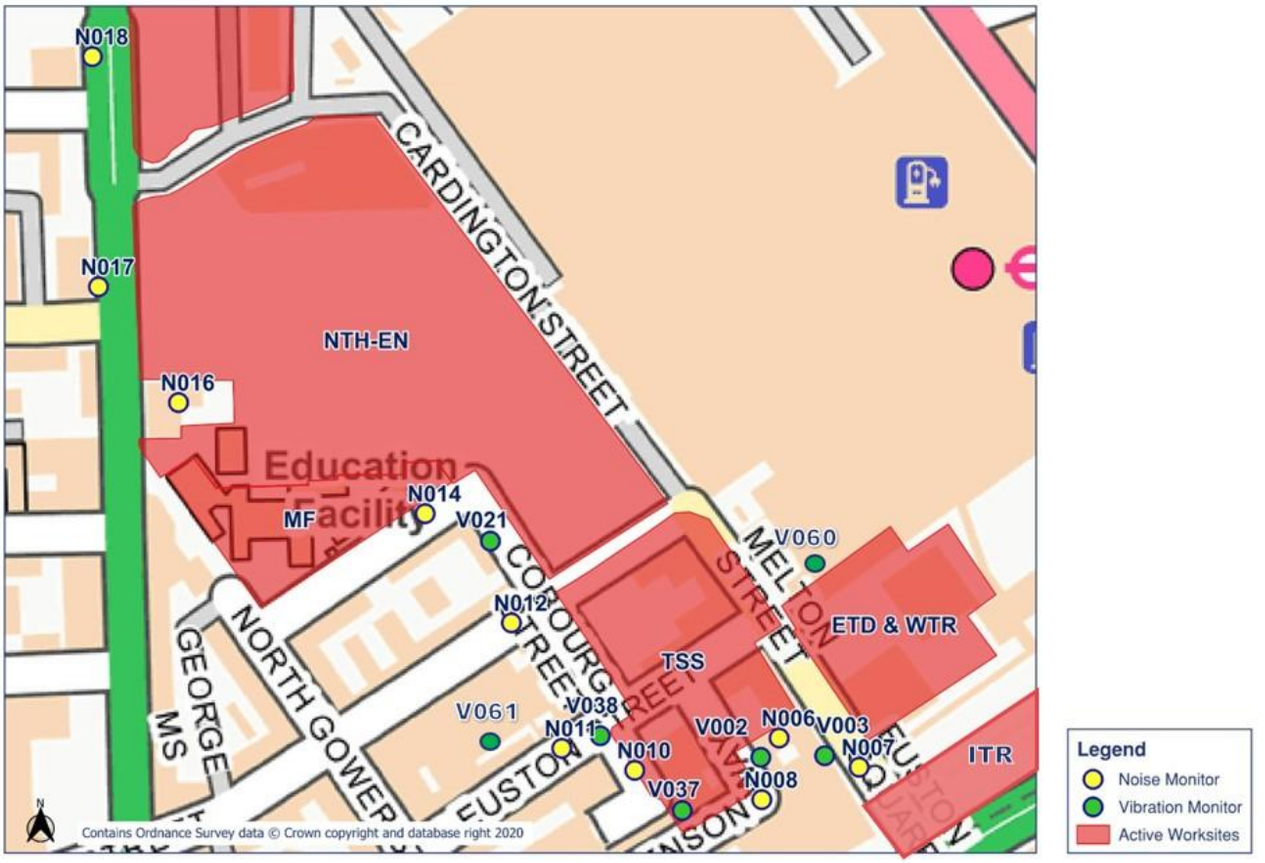
Noise and Vibration Monitoring Plan - 2



HS2 Noise and Vibration Monitoring Plan - 3



HS2 **Noise and Vibration Monitoring Plan - 4**

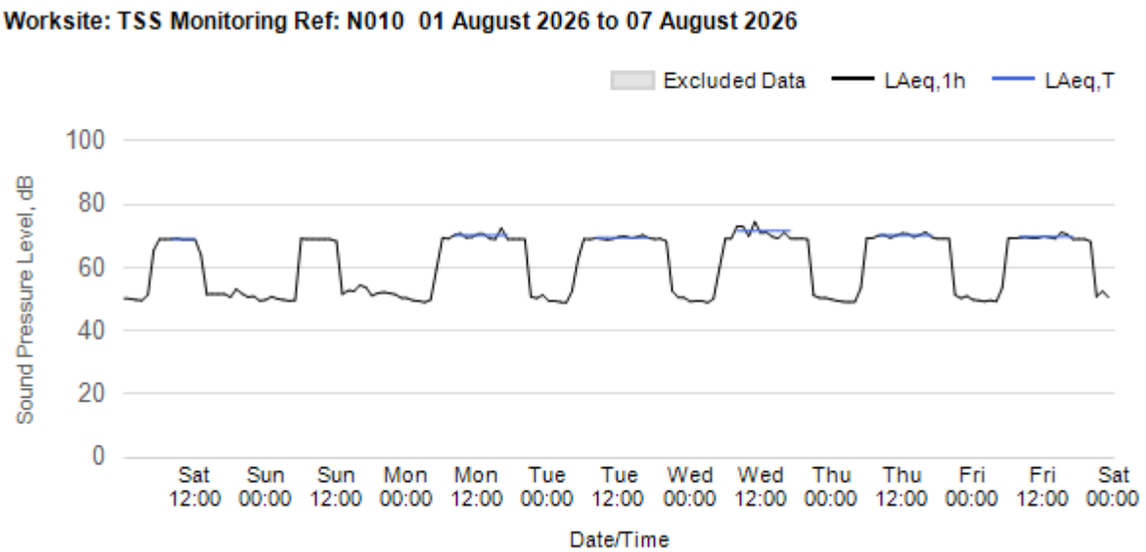


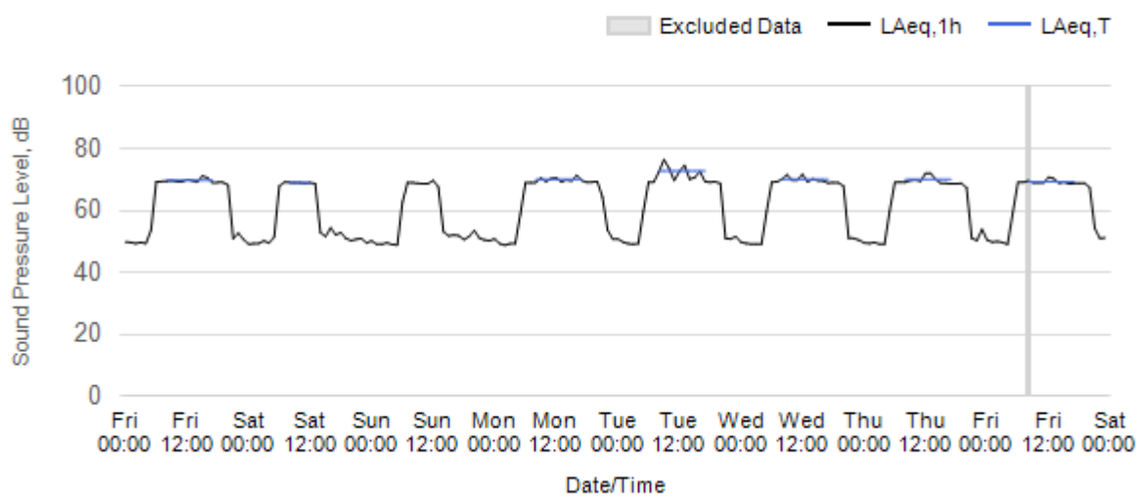
Appendix C Data

Noise

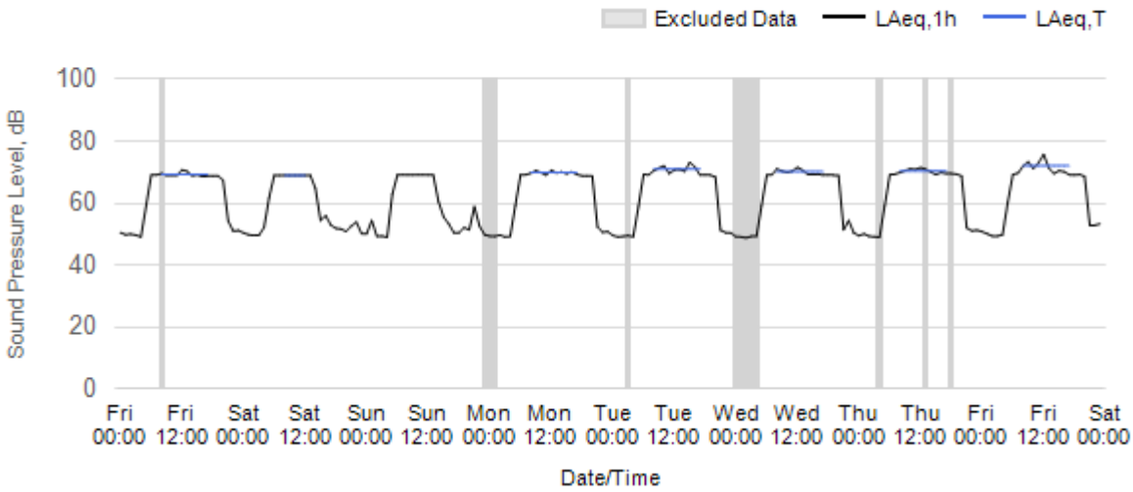
The following graphs show the hourly measured ambient noise level LAeq,1h and, where relevant, the averaged noise level LAeq,T values, where the time period T is as specified in Table 1 of HS2 Information Paper E23. Periods where noise levels are adversely affected by weather or only measured for part of the period, which are not representative of HS2 construction works, have been greyed out and excluded from the calculation of the LAeq,T values in in Table 3 of the main report.

Worksite: TSS - Monitoring Ref: N010

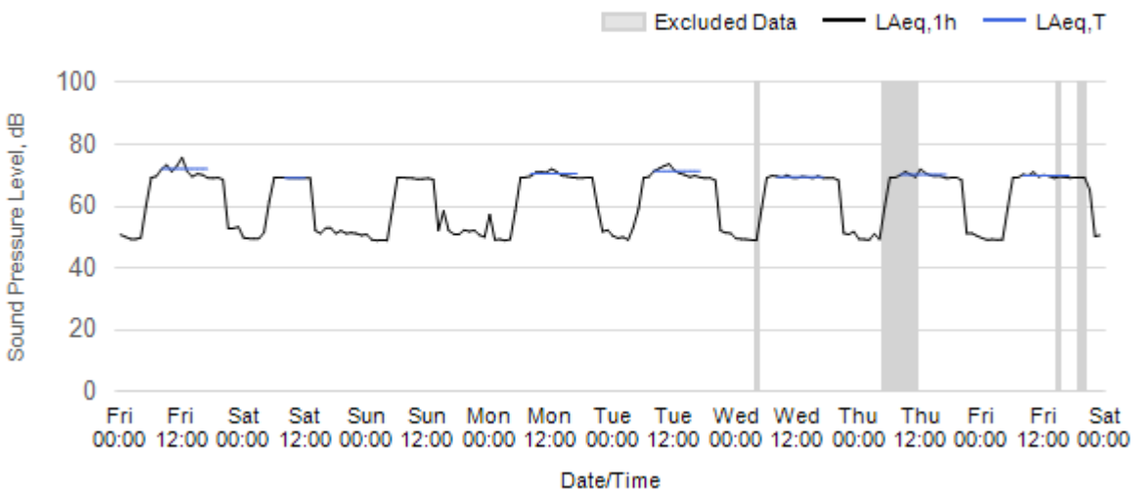




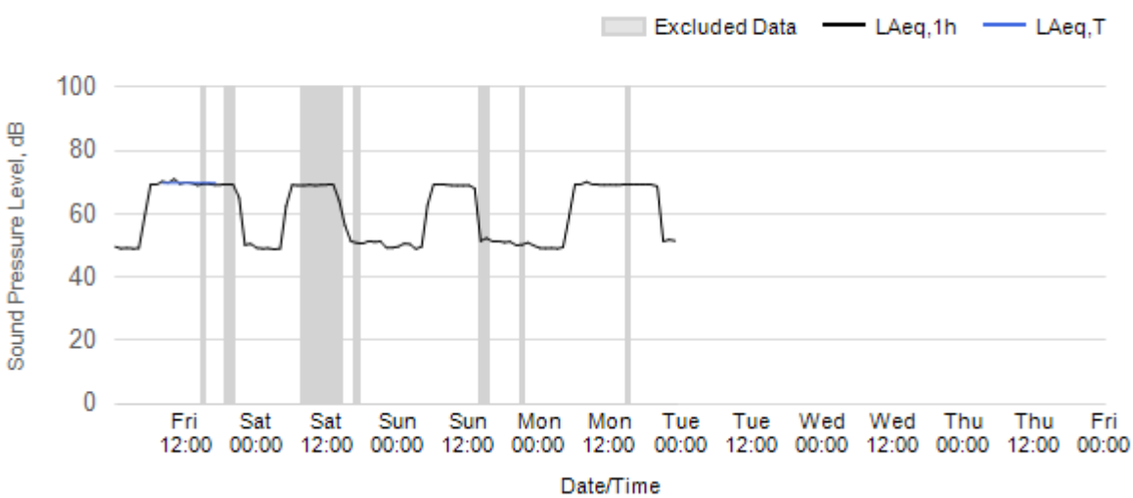
Worksite: TSS Monitoring Ref: N010 15 August 2026 to 21 August 2026



Worksite: TSS Monitoring Ref: N010 22 August 2026 to 28 August 2026

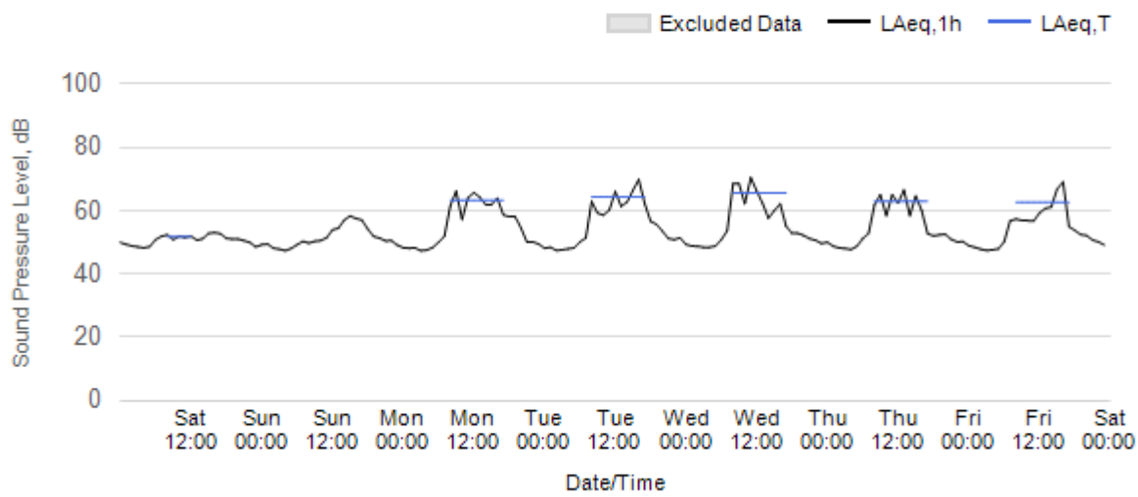


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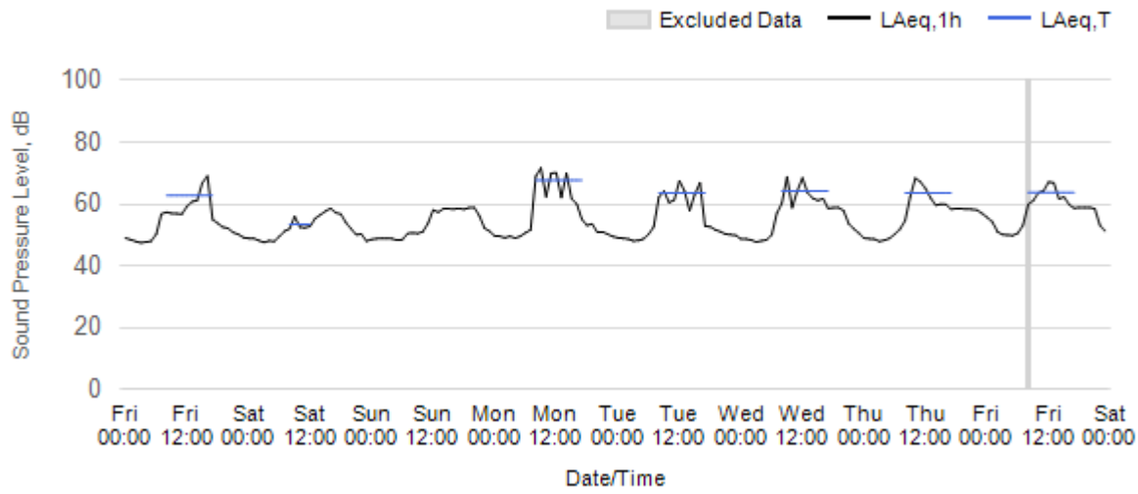


Worksite: TSS - Monitoring Ref: N006

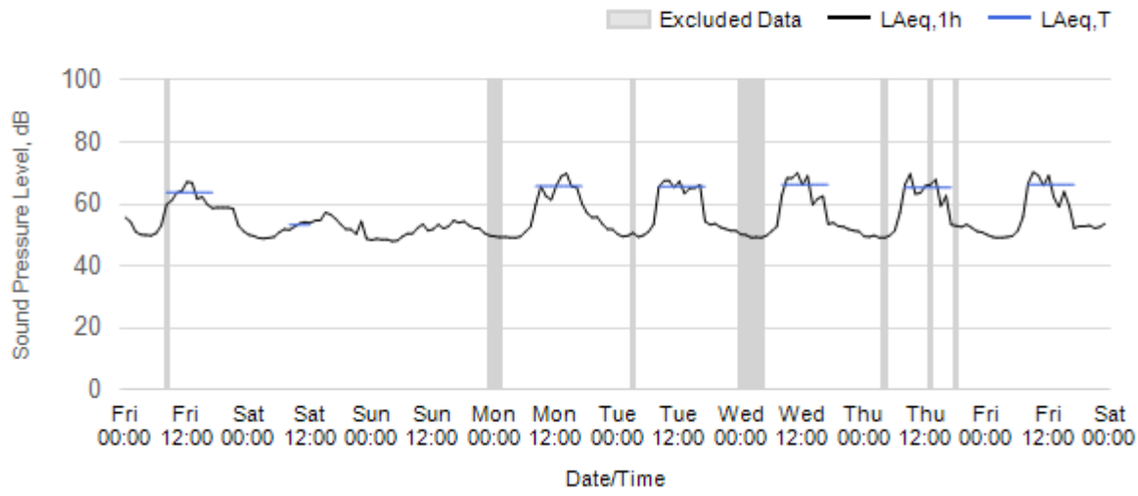
Worksite: TSS Monitoring Ref: N006 01 August 2026 to 07 August 2026



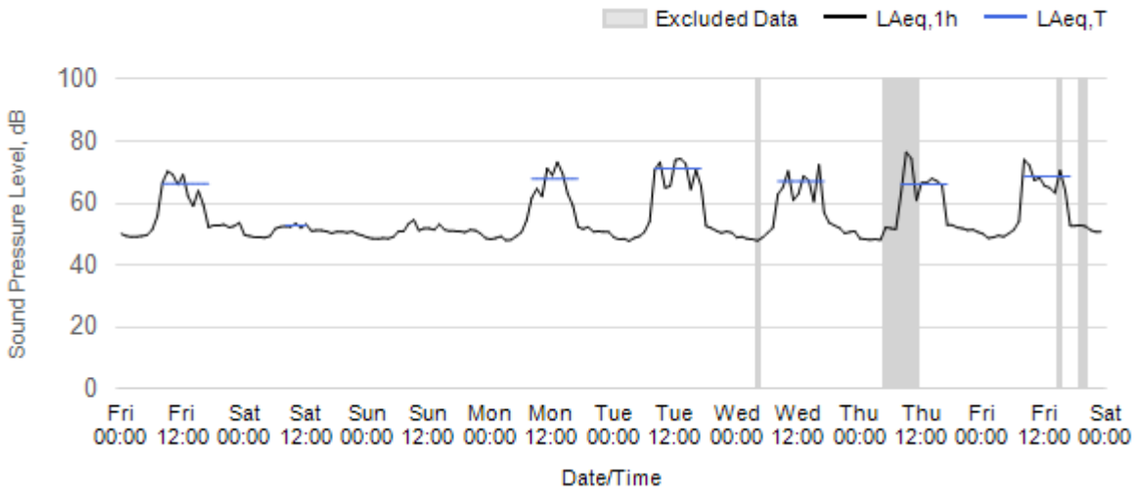
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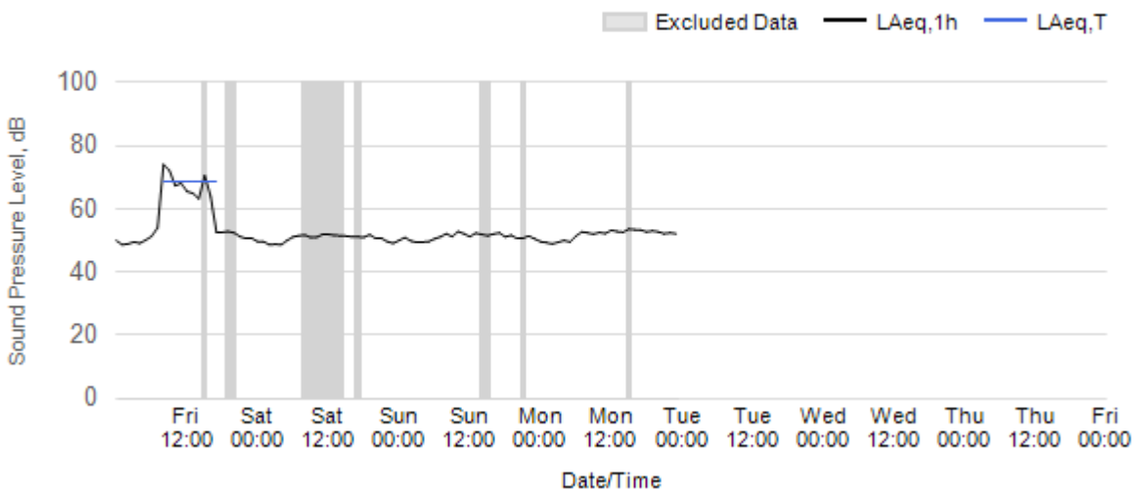
Worksite: TSS Monitoring Ref: N006 15 August 2026 to 21 August 2026



Worksite: TSS Monitoring Ref: N006 22 August 2026 to 28 August 2026

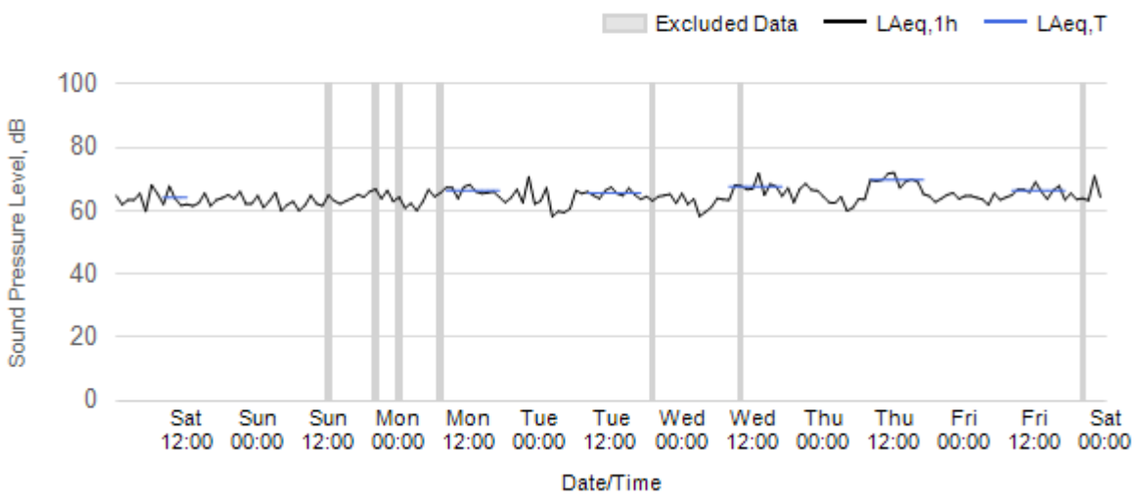


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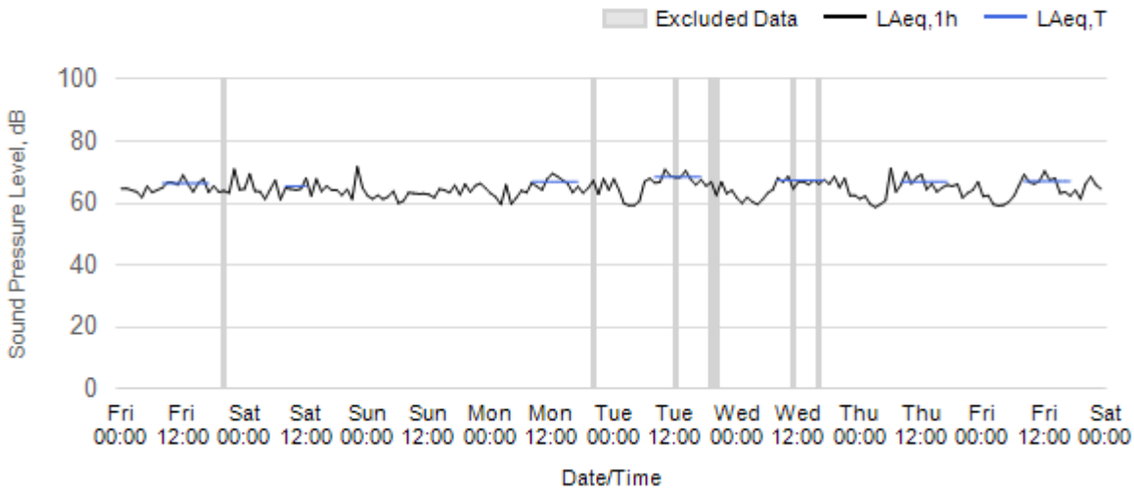


Worksite: Euston Approaches - Monitoring Ref: N018

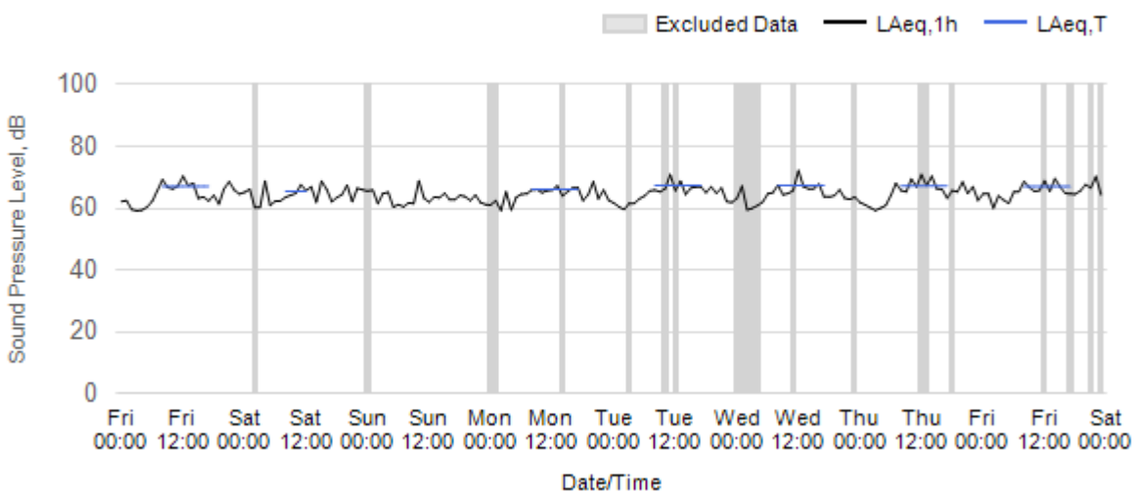
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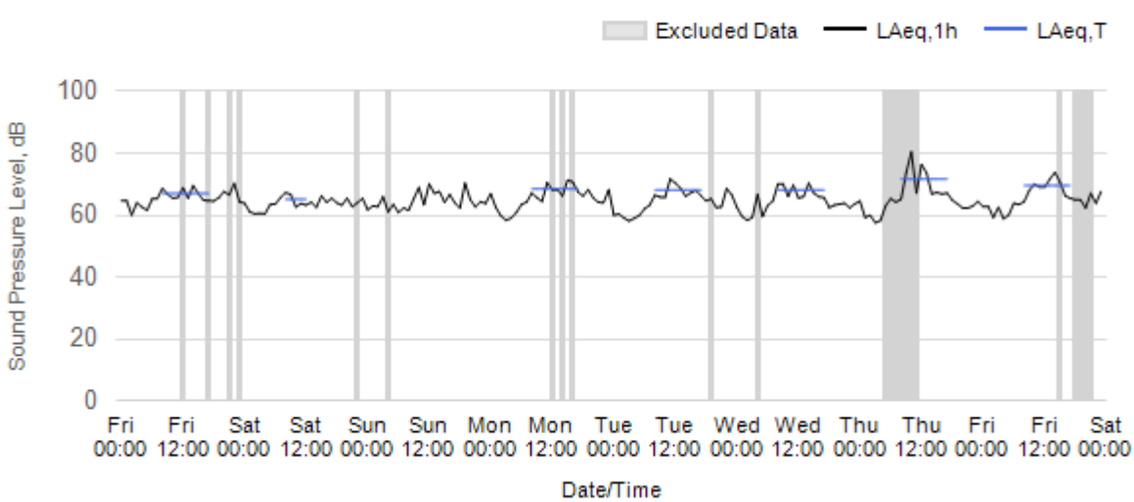
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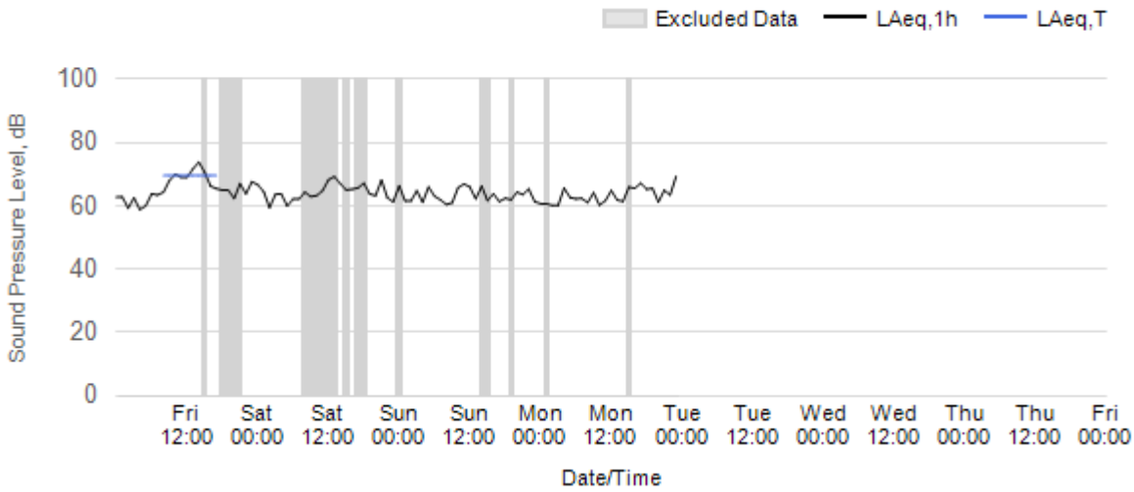
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Worksite: Euston Approaches Monitoring Ref: N018 22 August 2026 to 28 August 2026

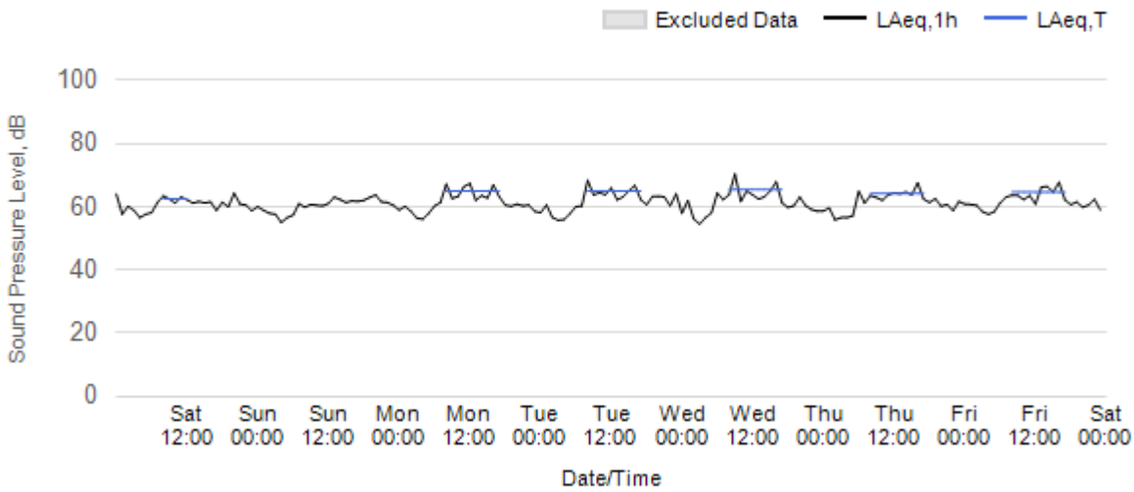


Worksite: Euston Approaches Monitoring Ref: N018 29 August 2026 to 4 September 2026

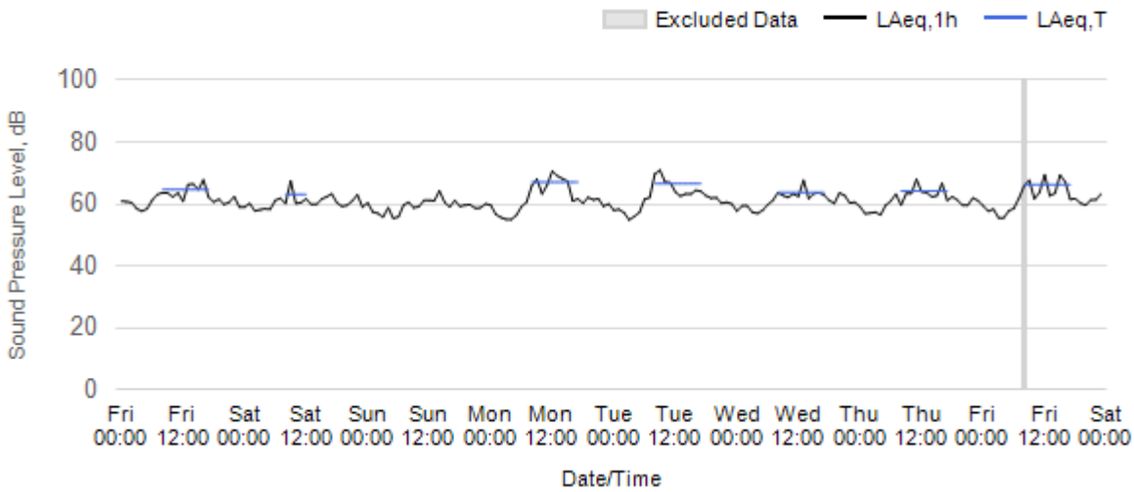


Worksite: ETD, WTR - Monitoring Ref: N007

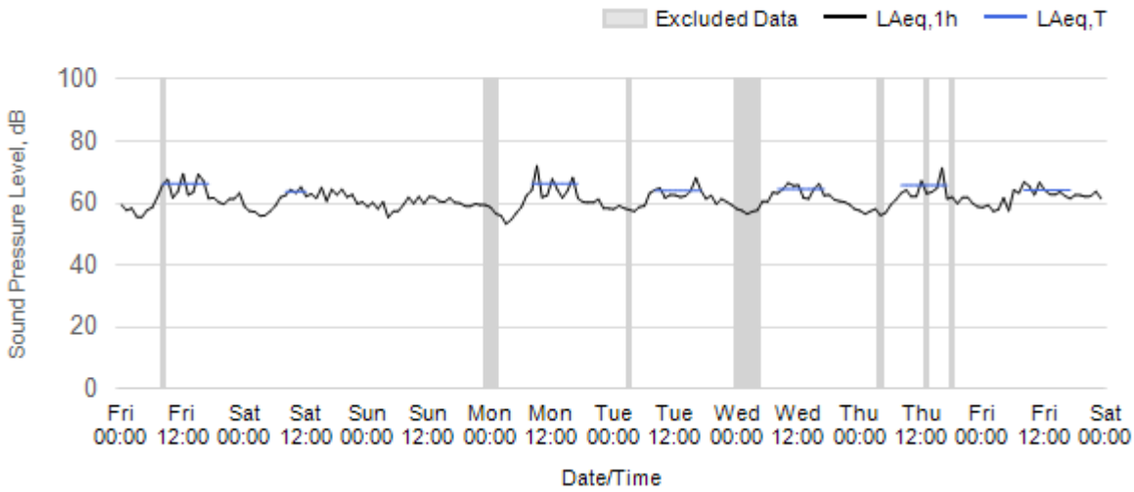
Worksite: ETD, WTR Monitoring Ref: N007 01 August 2026 to 07 August 2026



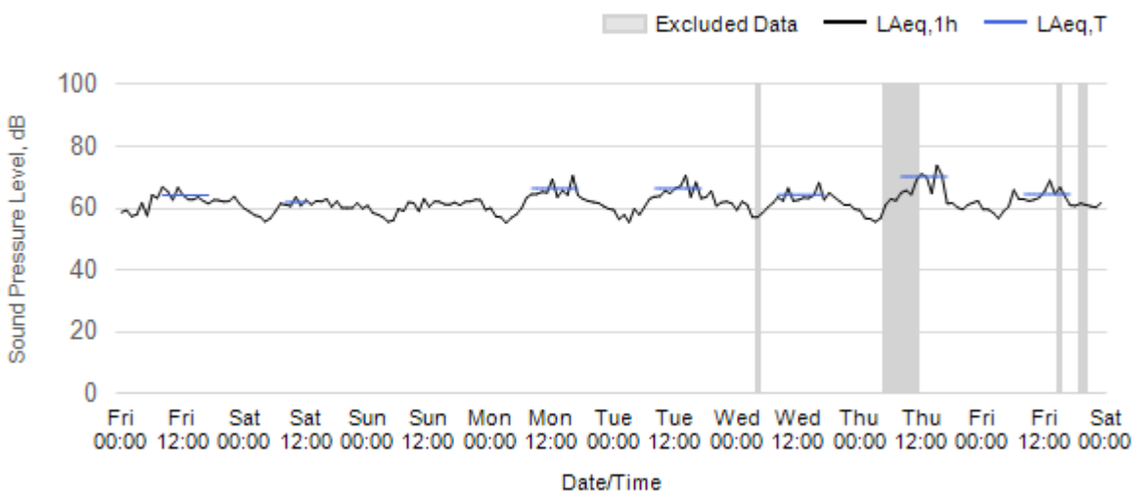
Worksite: ETD, WTR Monitoring Ref: N007 08 August 2026 to 14 August 2026



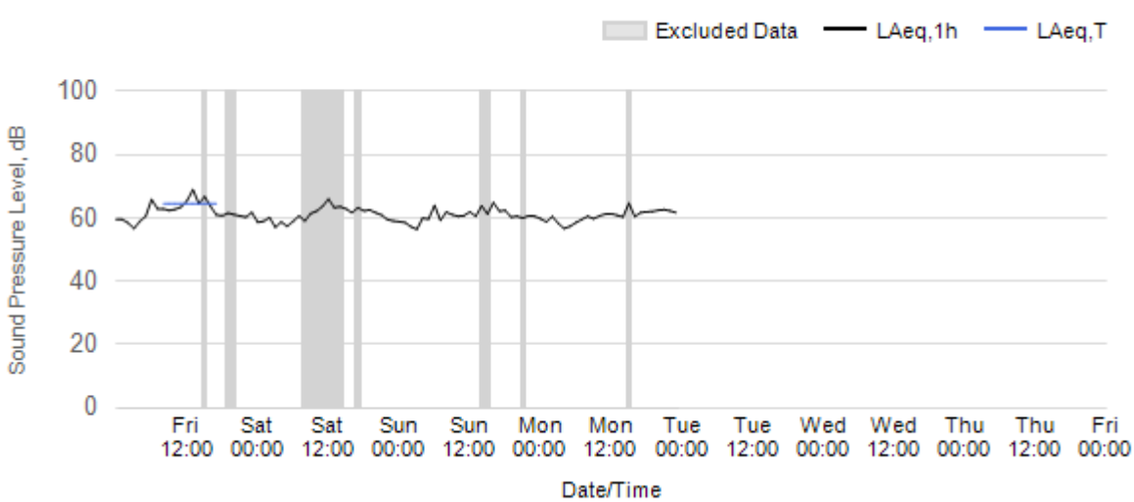
Worksite: ETD, WTR Monitoring Ref: N007 15 August 2026 to 21 August 2026



Worksite: ETD, WTR Monitoring Ref: N007 22 August 2026 to 28 August 2026



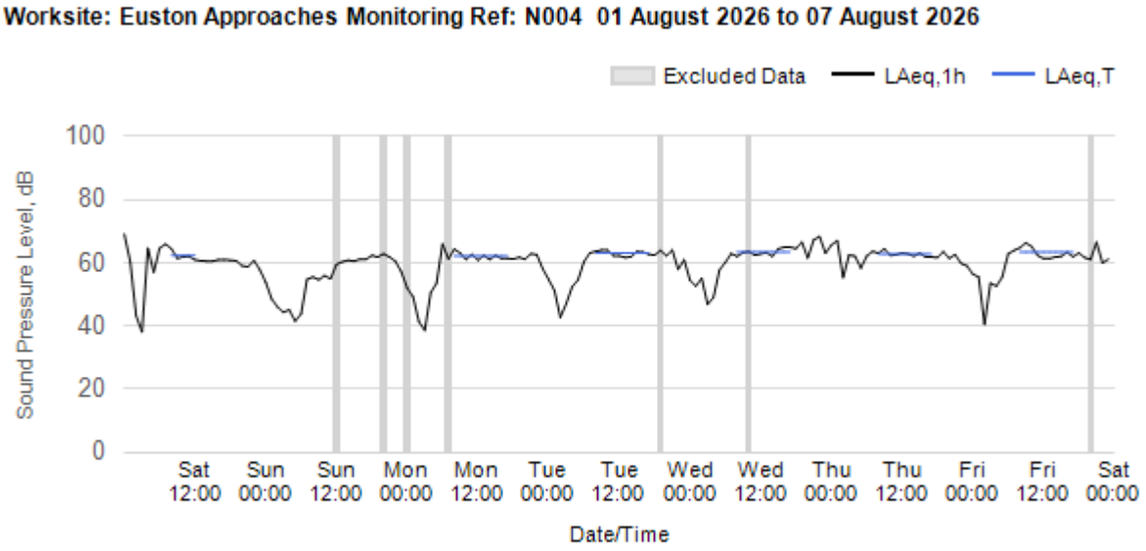
Worksite: ETD, WTR Monitoring Ref: N007 29 August 2026 to 4 September 2026

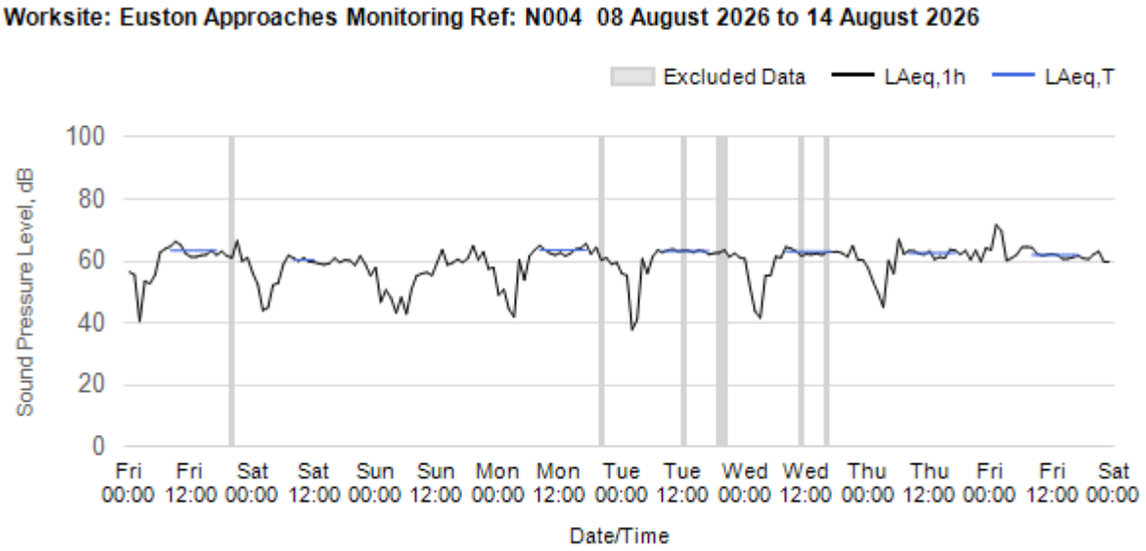


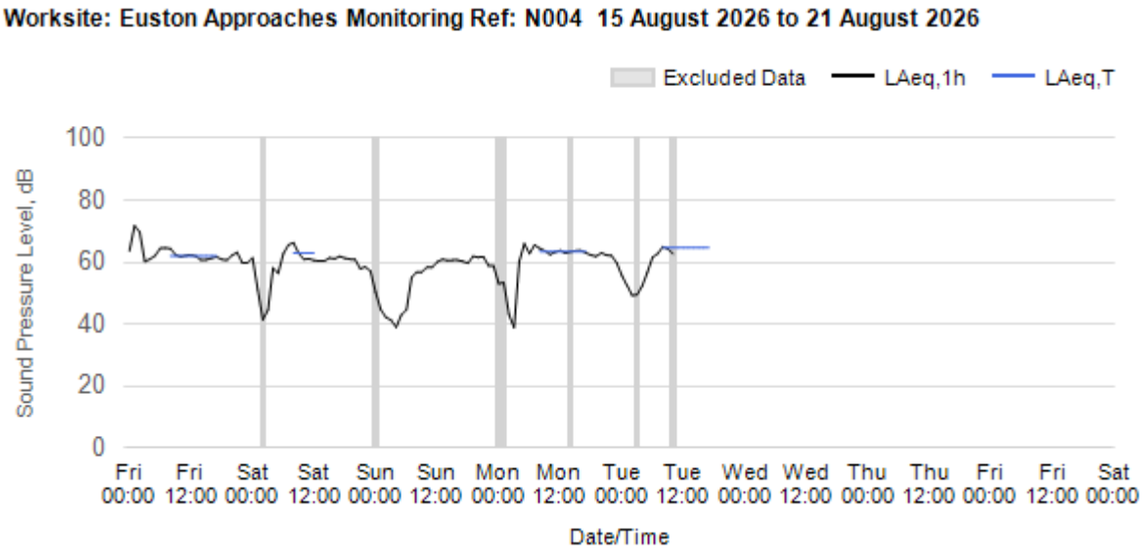
Worksite: NTH-EN - Monitoring Ref: N016

Note: No data measured throughout the month due to a fault with the monitor.

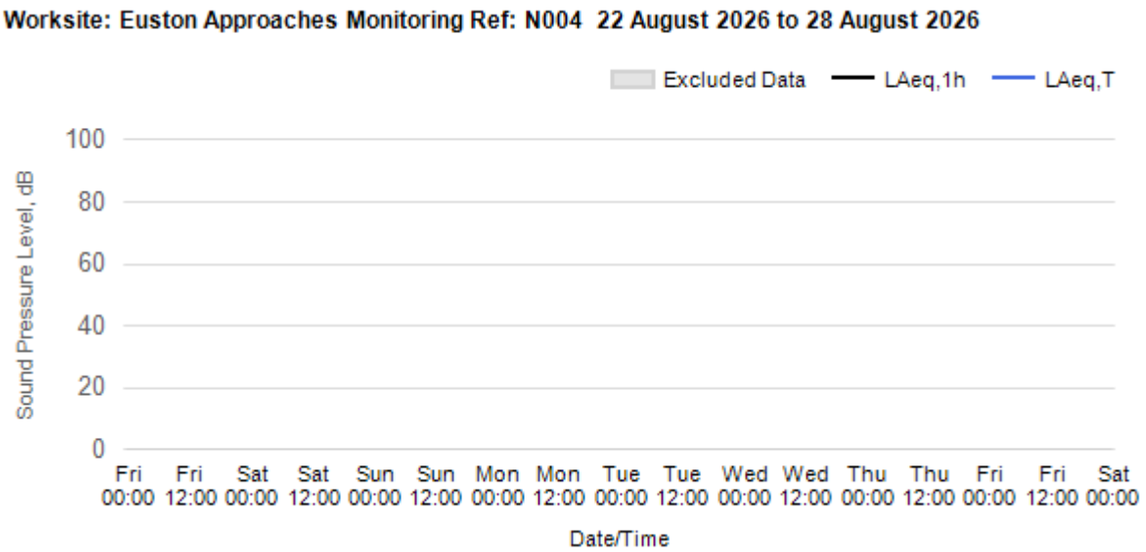
Worksite: Euston Approaches - Monitoring Ref: N004





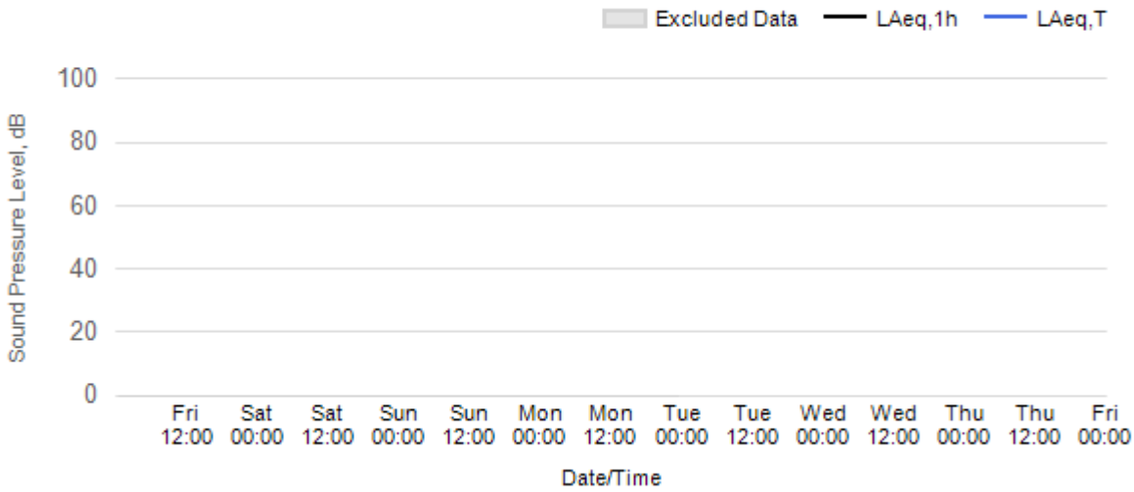


Note: Missing data due to loss of power to the lighting column which supplies power to the monitoring station.



Note: Missing data due to loss of power to the lighting column which supplies power to the monitoring station.

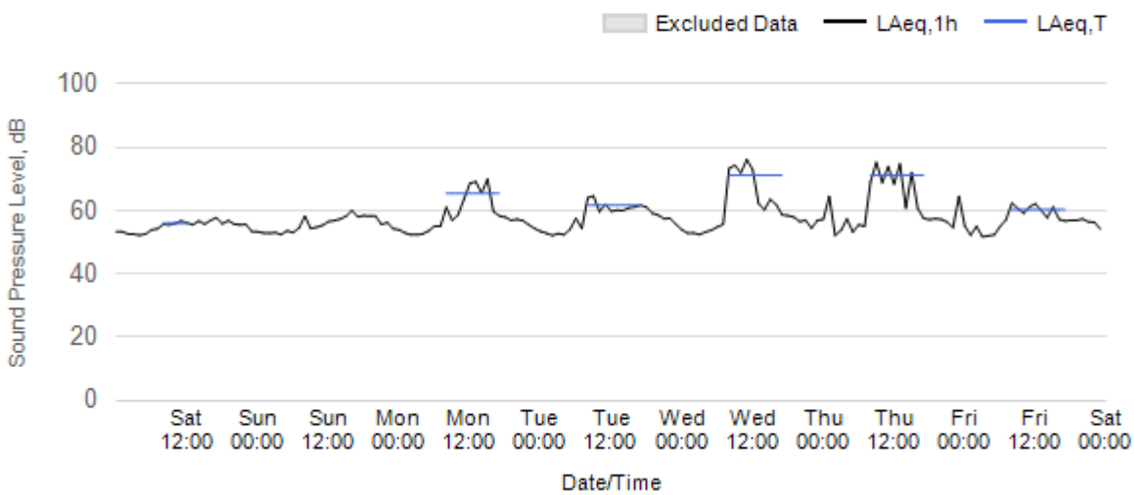
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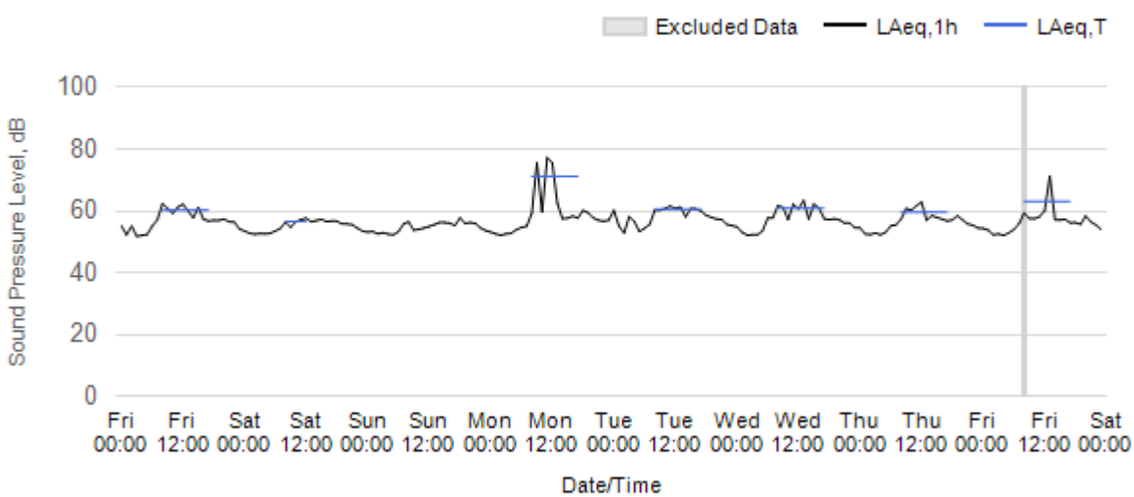
Note: Missing data due to loss of power to the lighting column which supplies power to the monitoring station.

Worksite: TSS - Monitoring Ref: N012

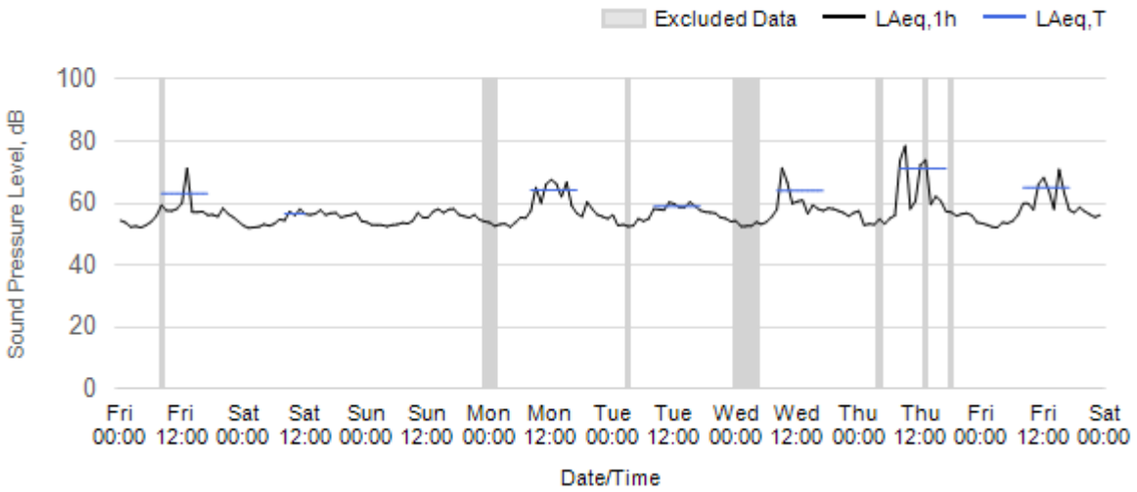
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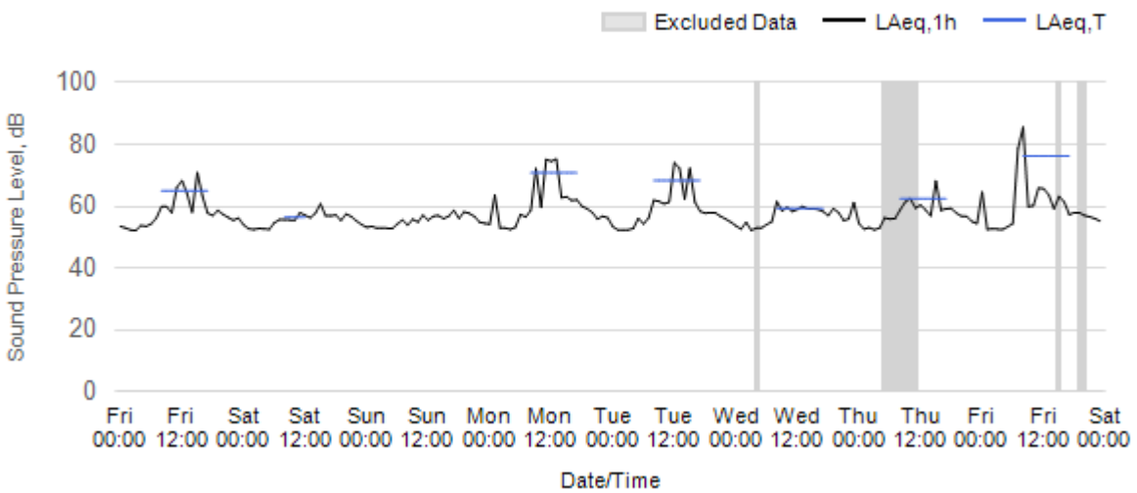
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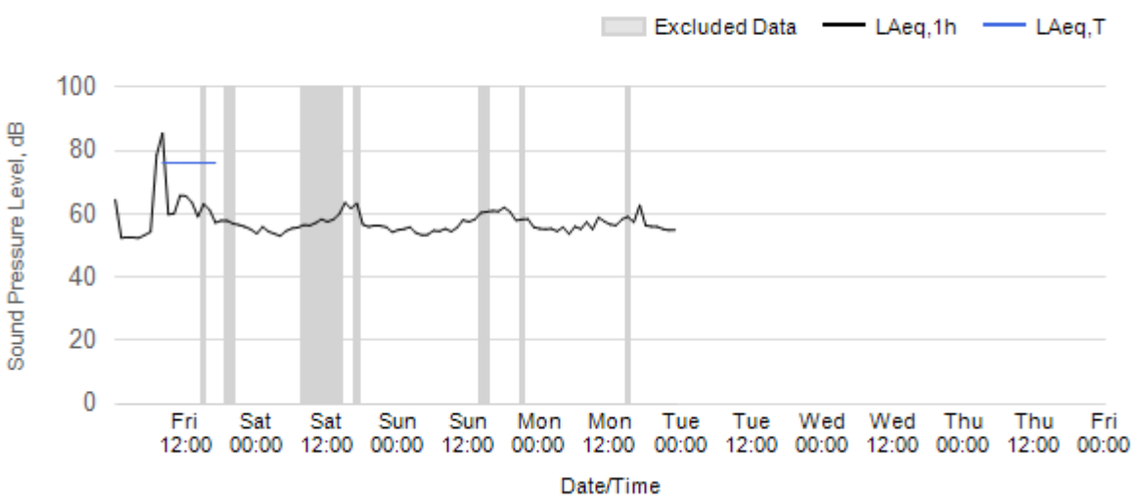
Worksite: TSS Monitoring Ref: N012 15 August 2026 to 21 August 2026



Worksite: TSS Monitoring Ref: N012 22 August 2026 to 28 August 2026

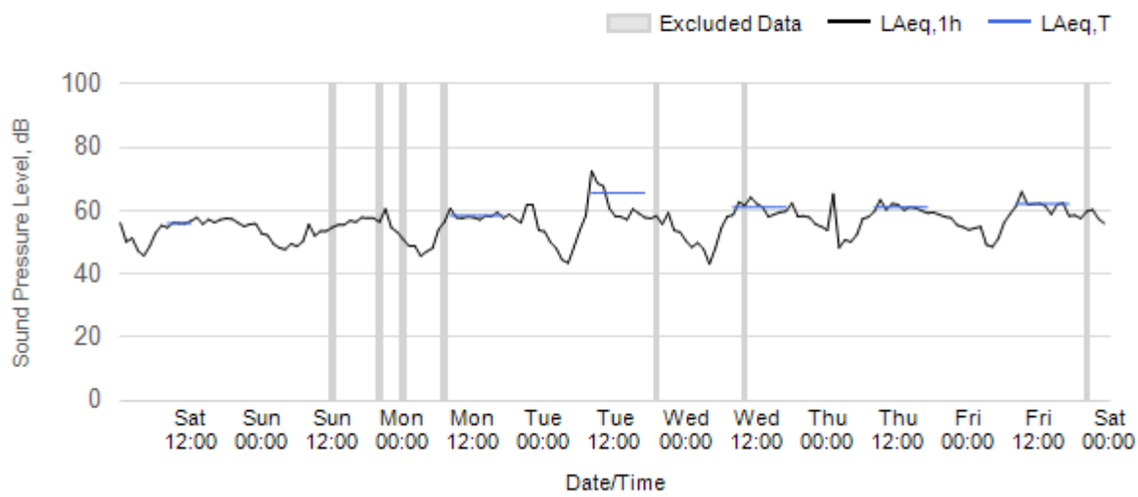


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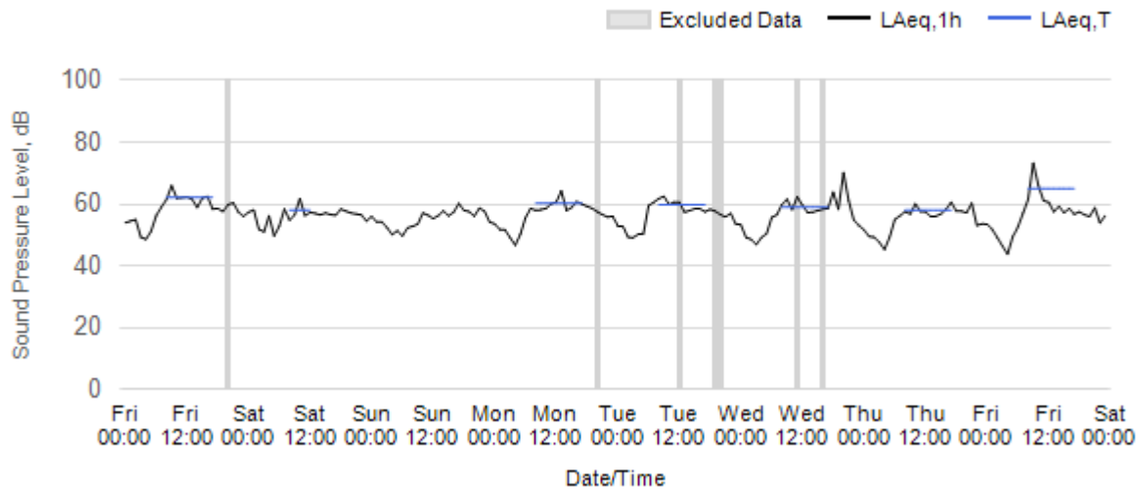


Worksite: Euston Approaches - Monitoring Ref: N047

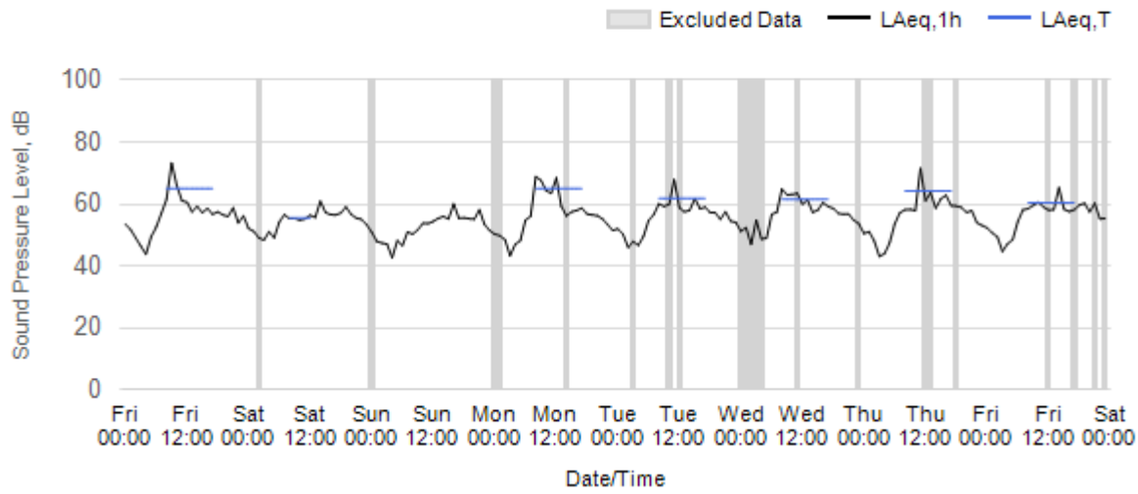
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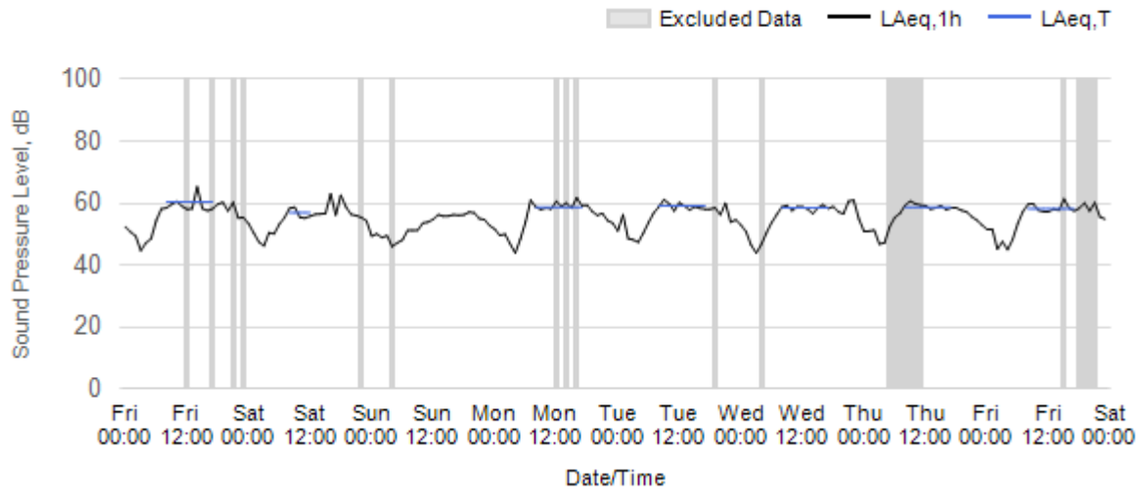
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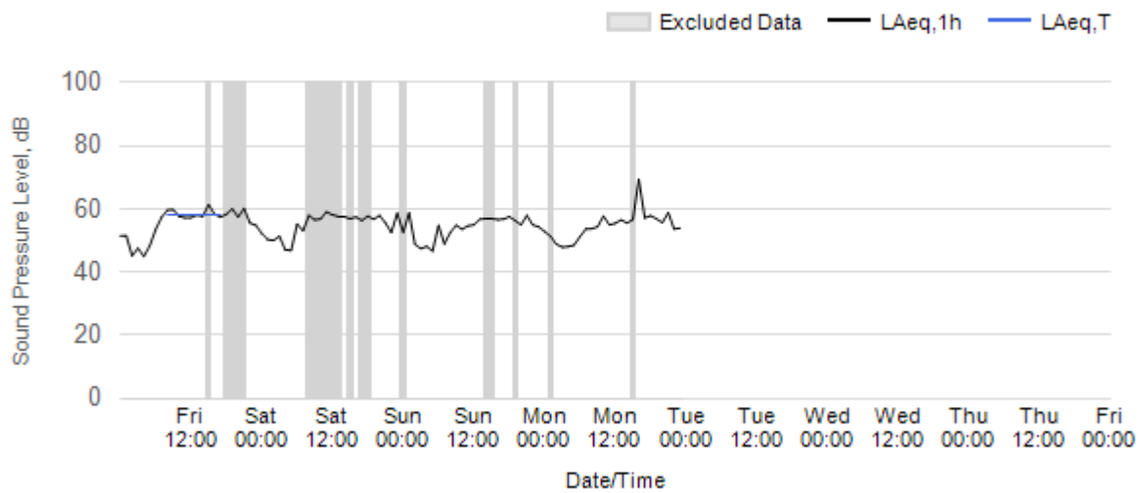
Worksite: Euston Approaches Monitoring Ref: N047 15 August 2026 to 21 August 2026



Worksite: Euston Approaches Monitoring Ref: N047 22 August 2026 to 28 August 2026



Worksite: Euston Approaches Monitoring Ref: N047 29 August 2026 to 4 September 2026

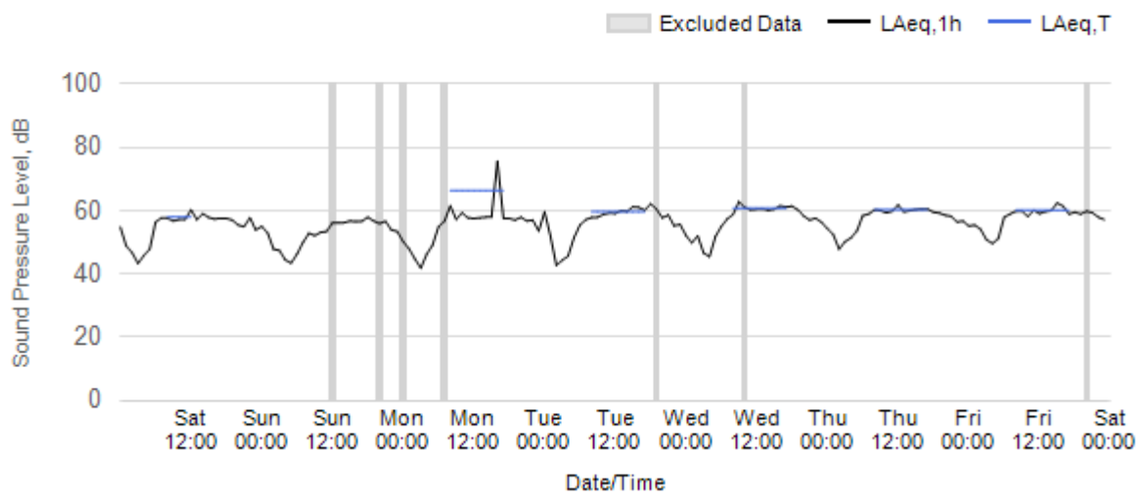


Worksite: Euston Approaches - Monitoring Ref: N023

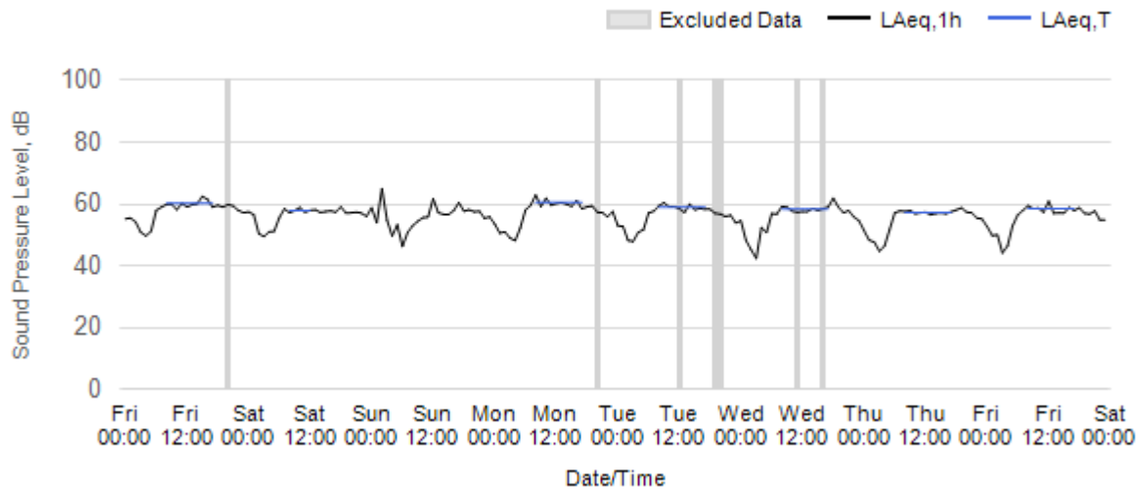
Note: No data measured throughout the month due to loss of power to the lighting column which supplies power to the monitoring station.

Worksite: Euston Approaches - Monitoring Ref: N022

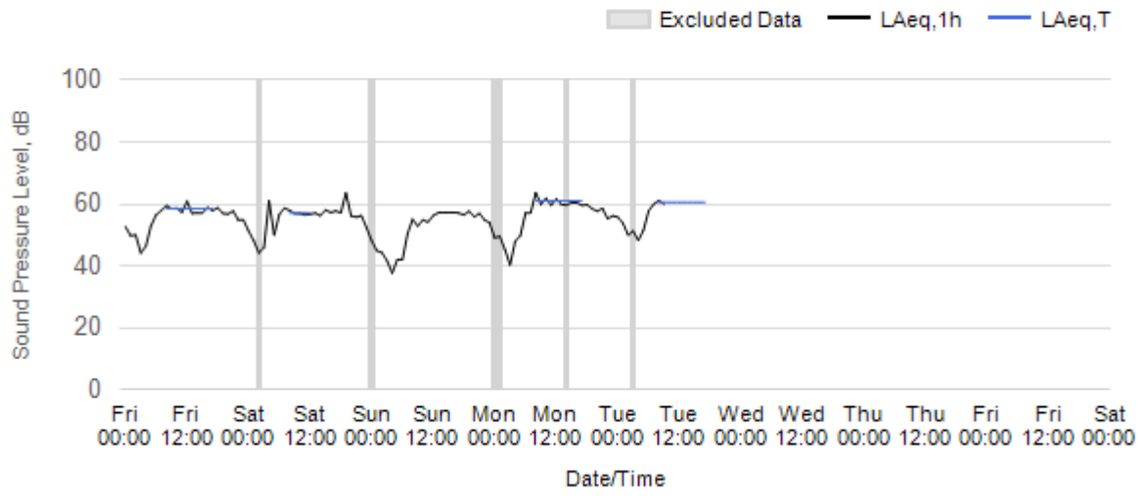
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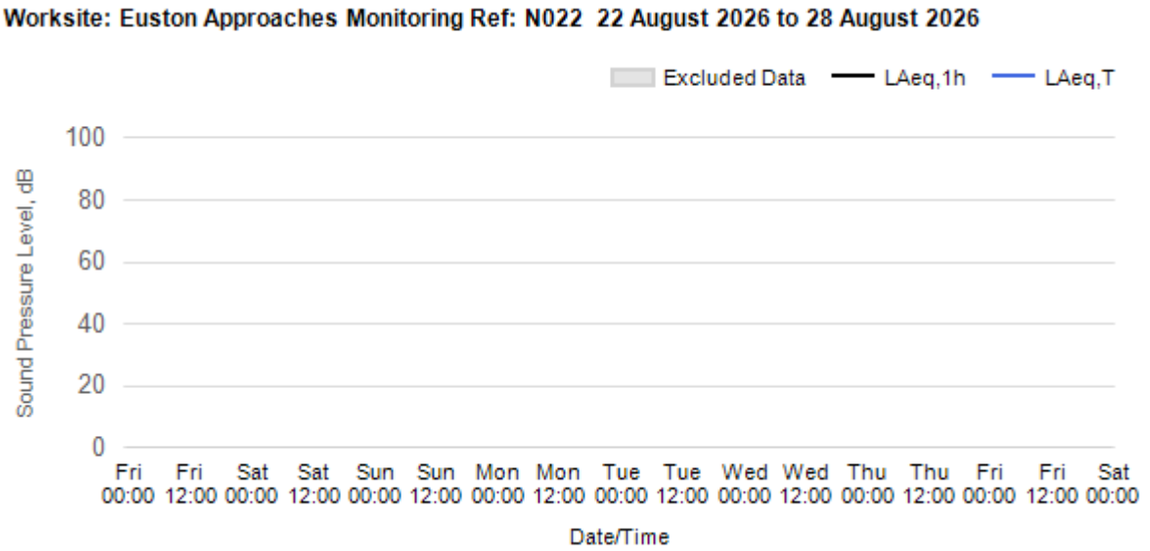
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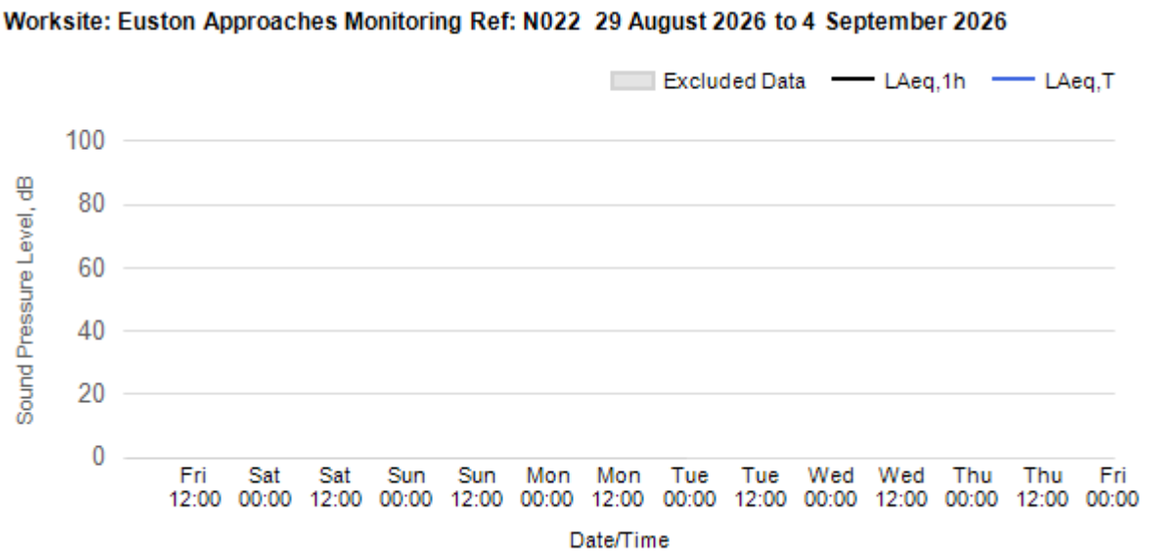
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Note: Missing data due to loss of power to the lighting column which supplies power to the monitoring station.



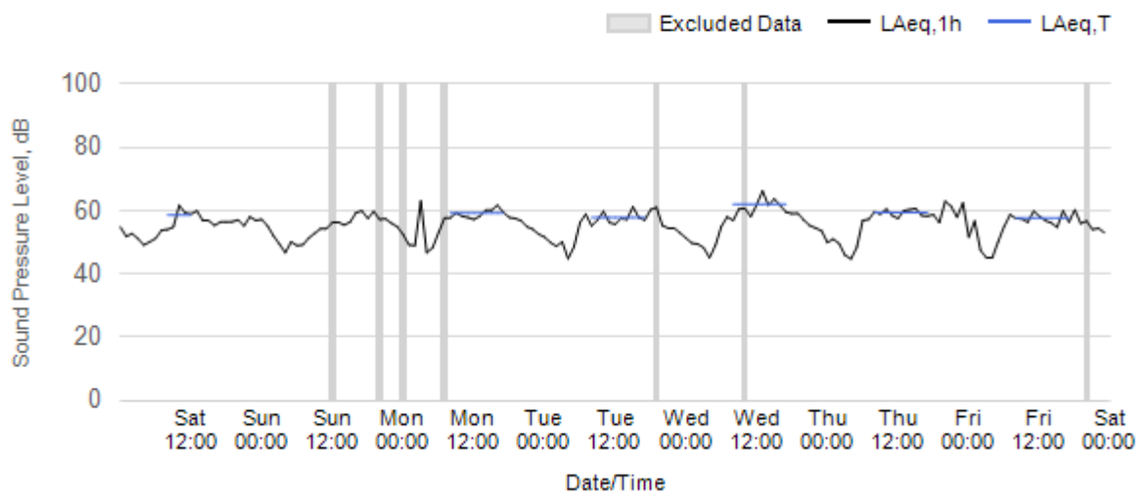
Note: Missing data due to loss of power to the lighting column which supplies power to the monitoring station.



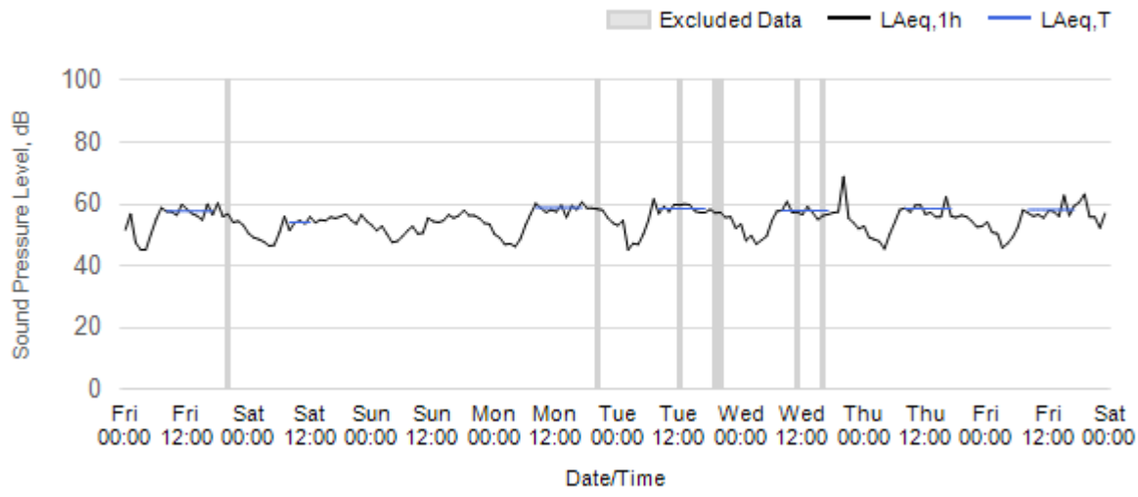
Note: Missing data due to loss of power to the lighting column which supplies power to the monitoring station.

Worksite: Euston Approaches - Monitoring Ref: N024

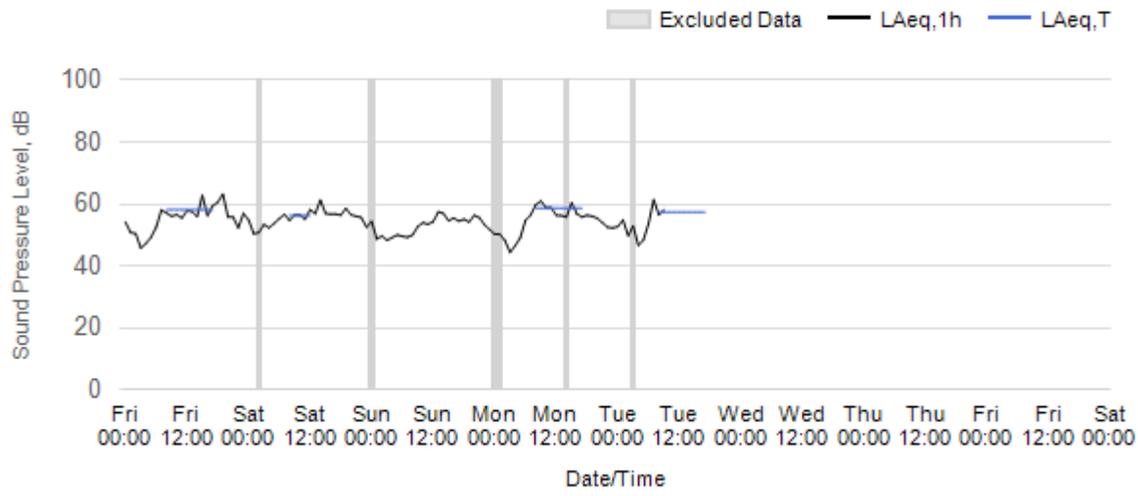
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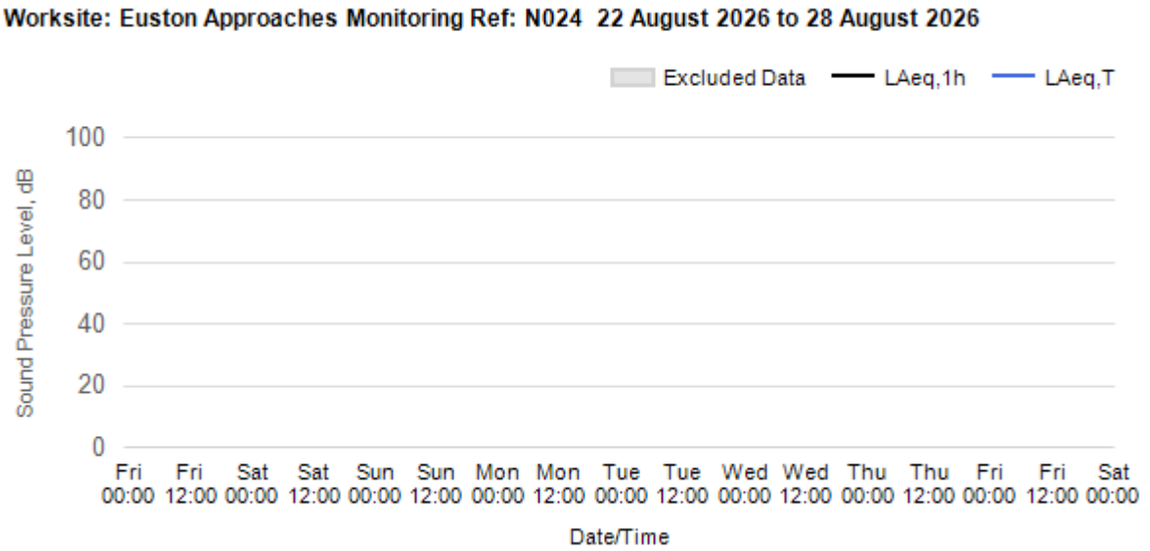
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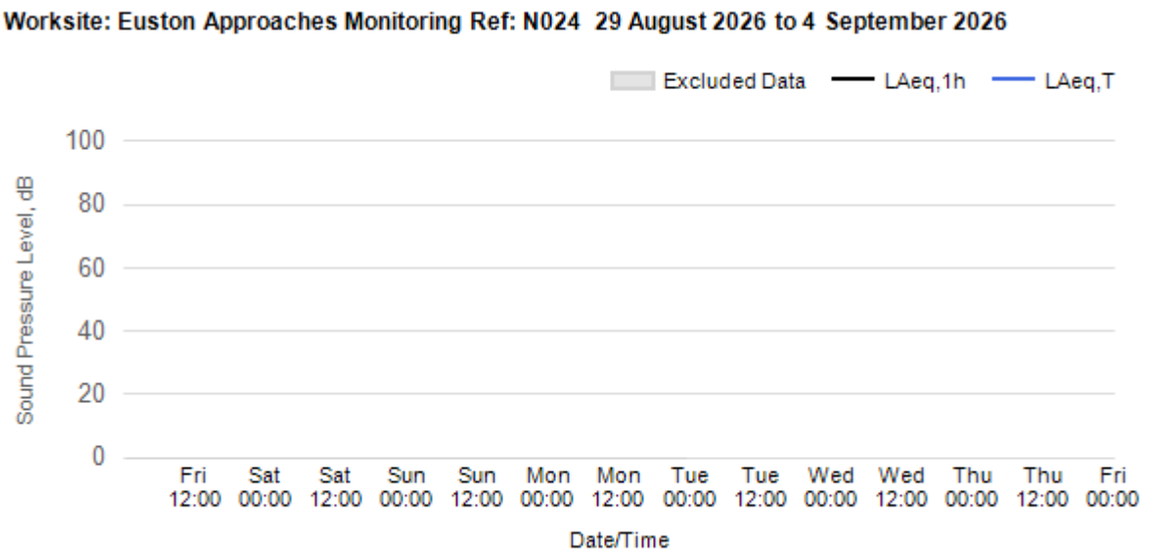
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Note: Missing data due to loss of power to the lighting column which supplies power to the monitoring station.



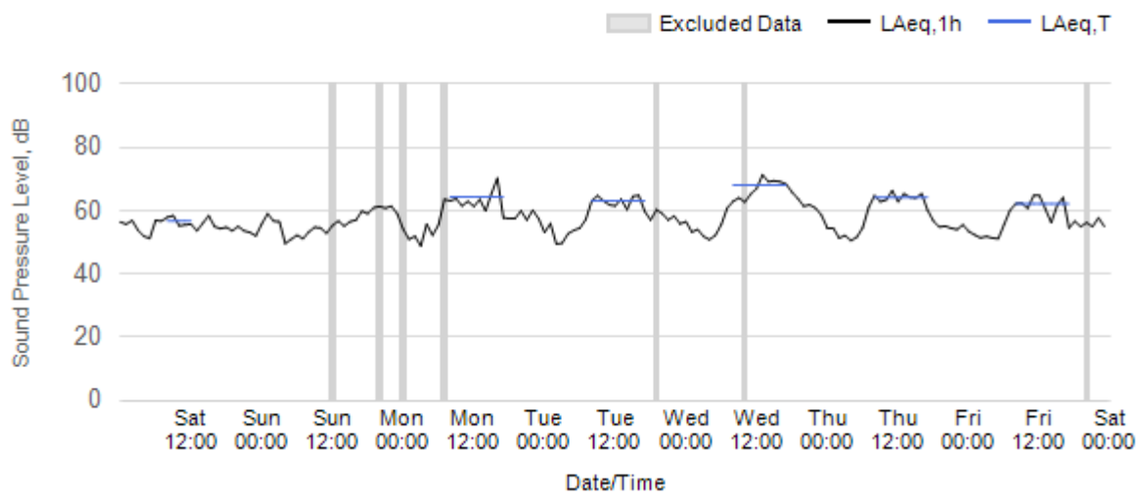
Note: Missing data due to loss of power to the lighting column which supplies power to the monitoring station.



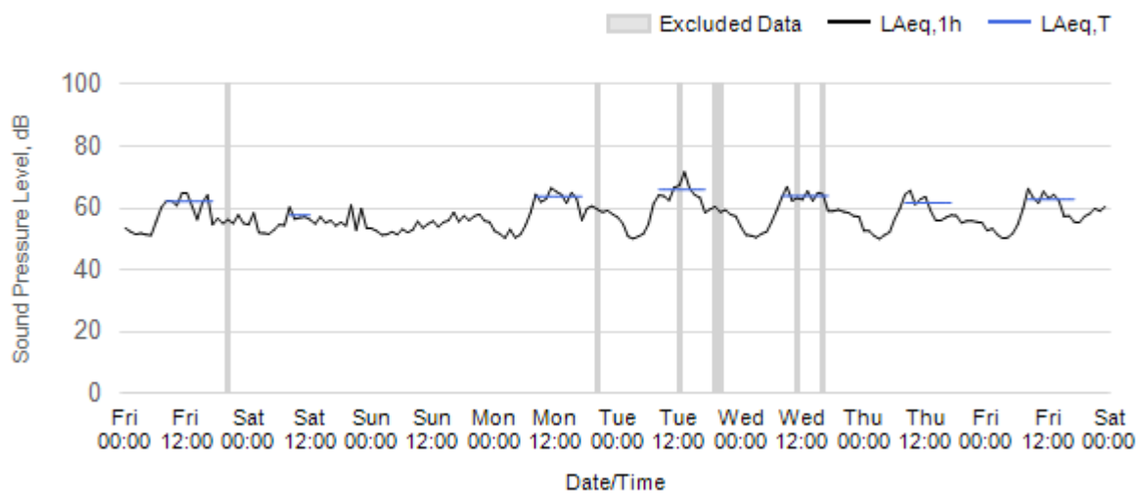
Note: Missing data due to loss of power to the lighting column which supplies power to the monitoring station.

Worksite: Euston Approaches - Monitoring Ref: N045

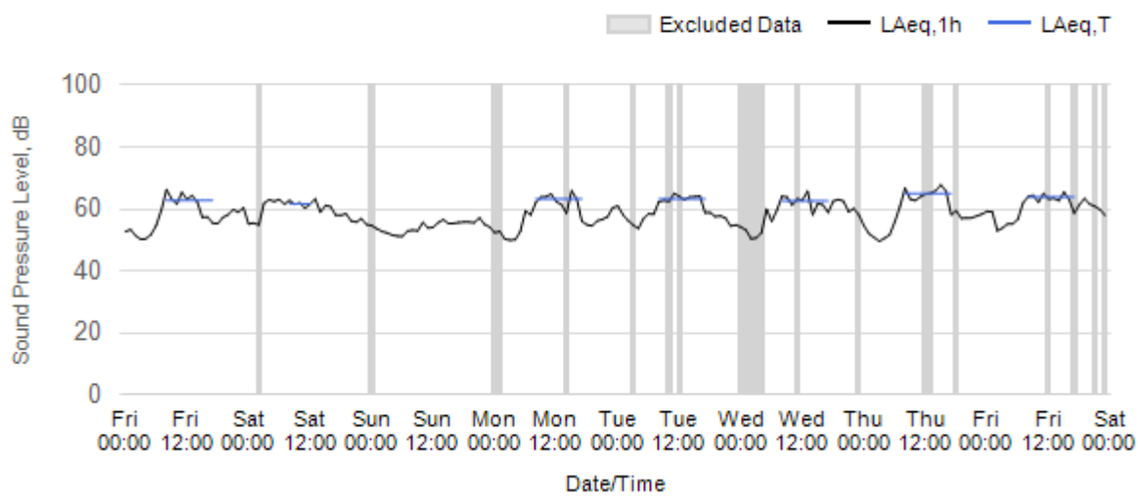
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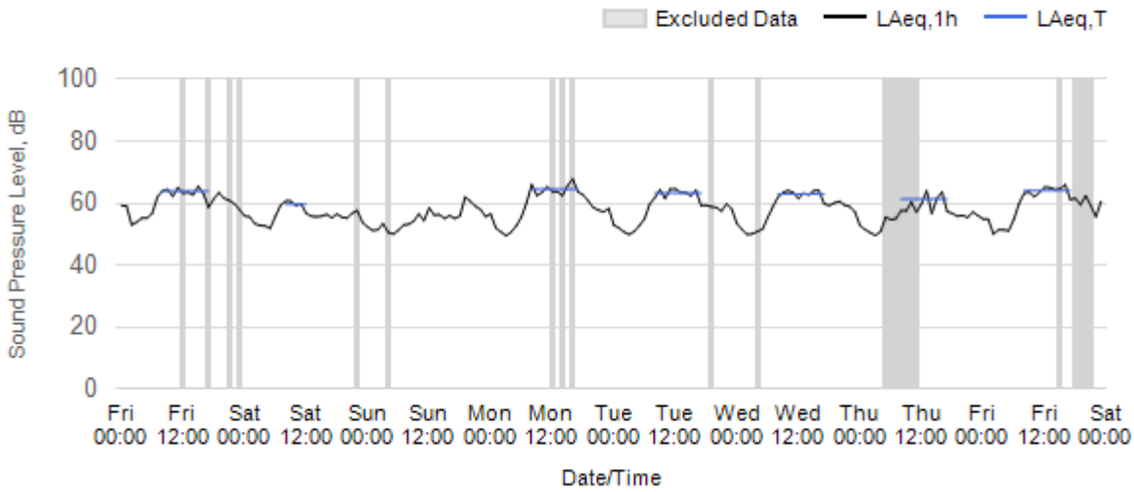
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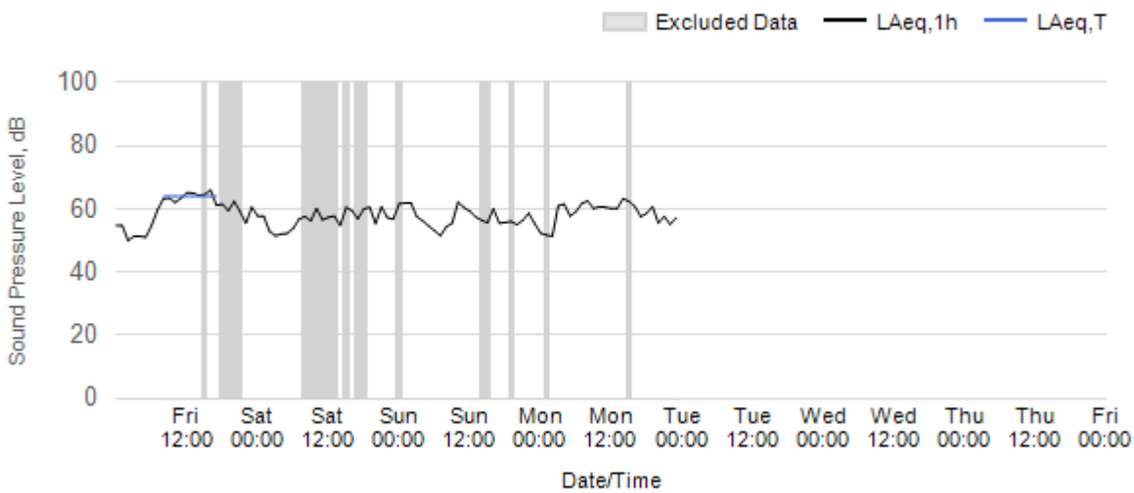
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Worksite: Euston Approaches Monitoring Ref: N045 22 August 2026 to 28 August 2026

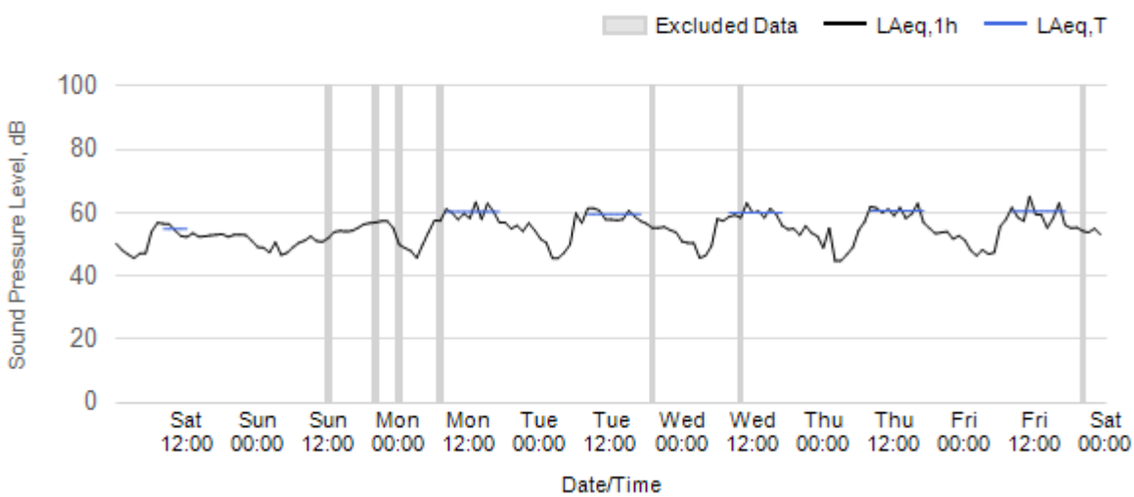


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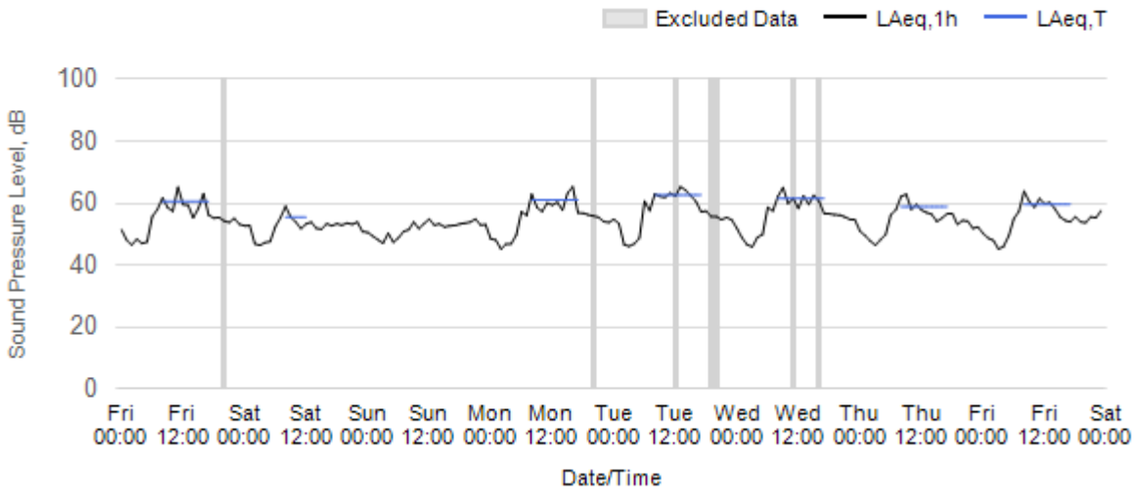


Worksite: Euston Approaches - Monitoring Ref: N044

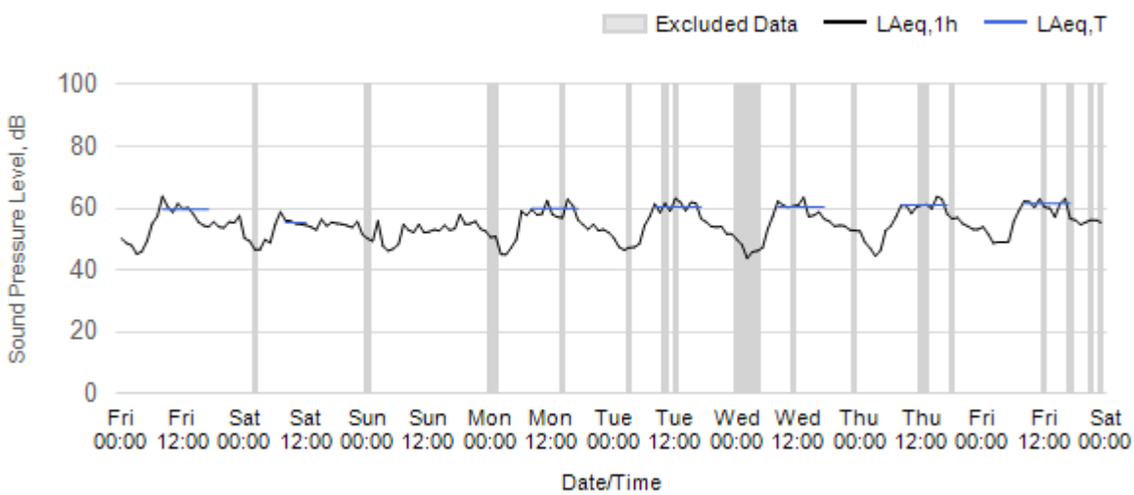
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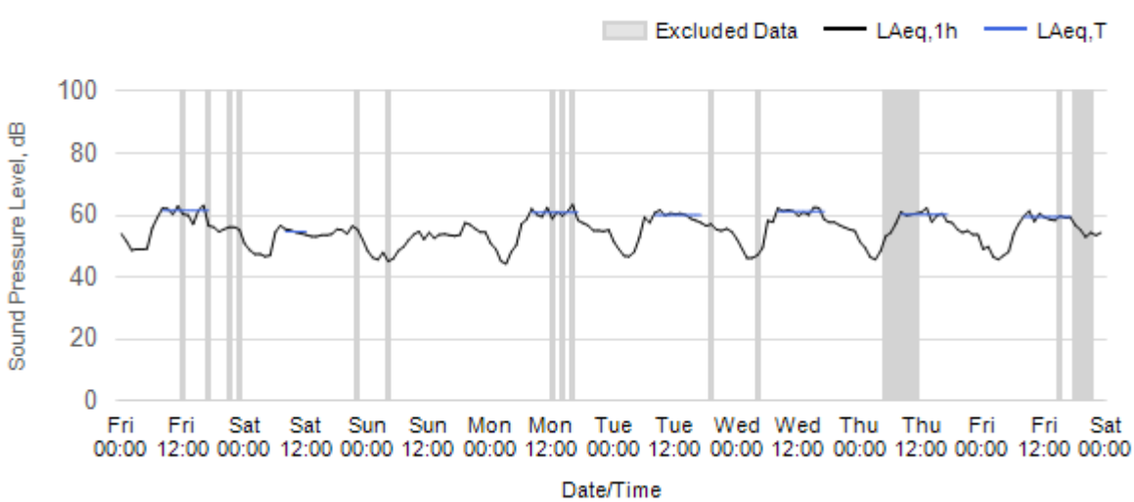
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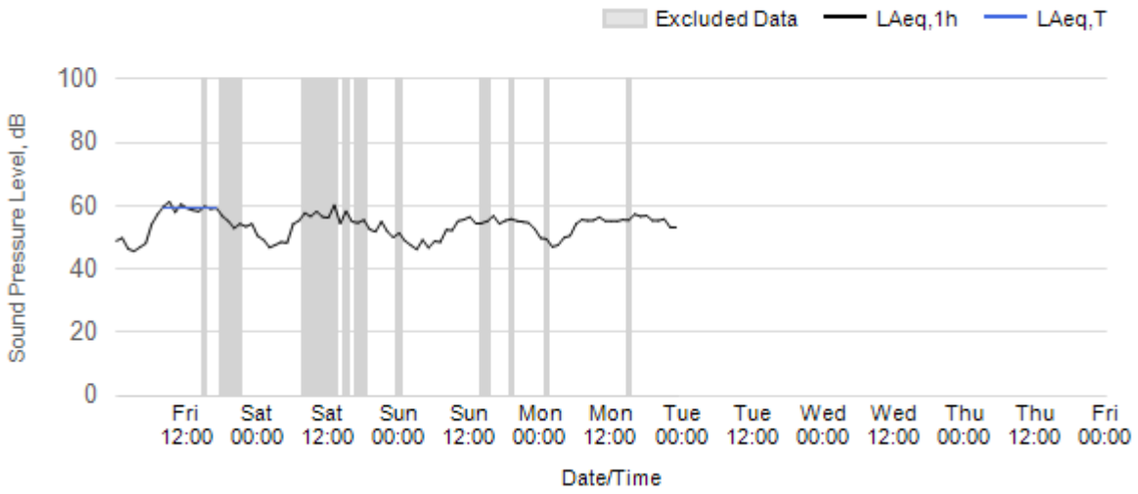
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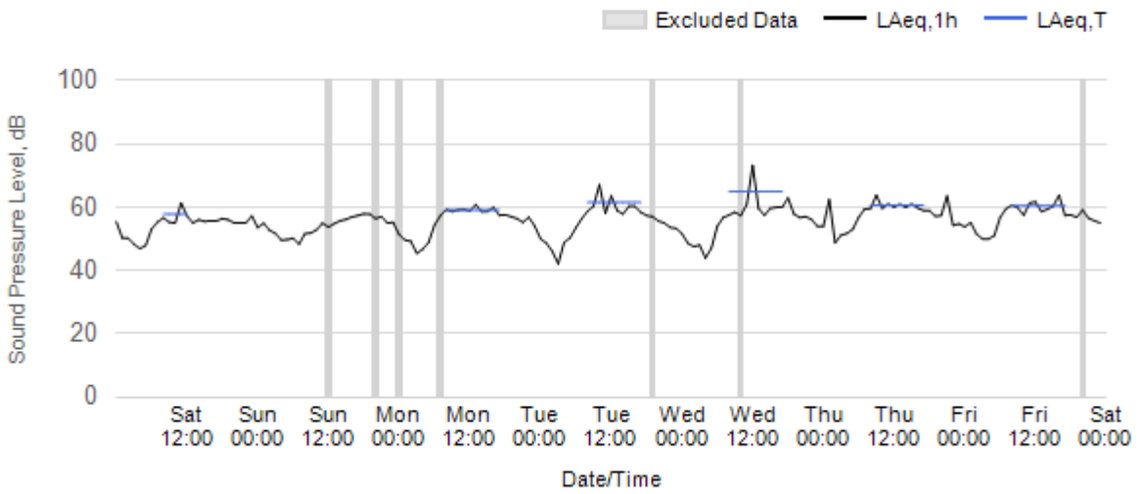


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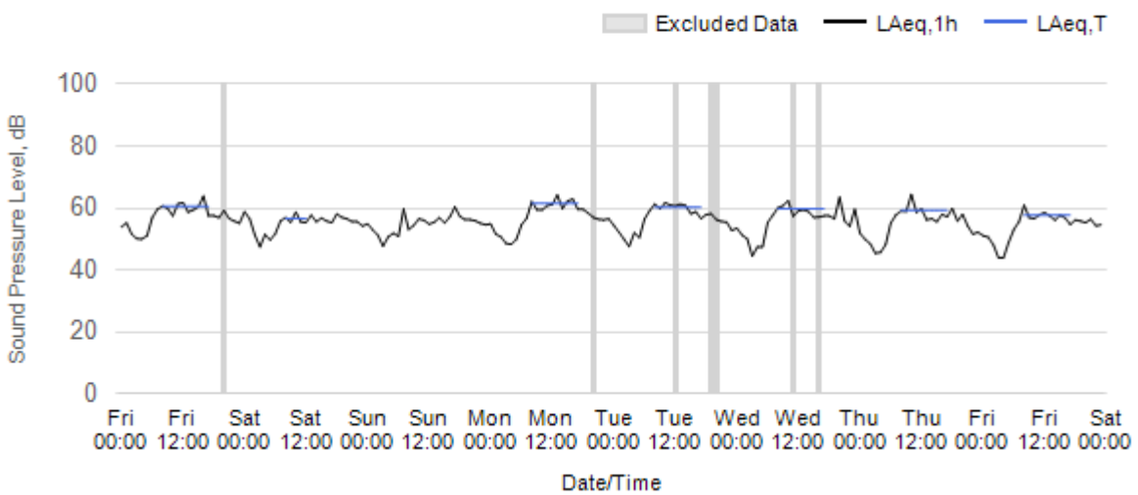


Worksite: Euston Approaches - Monitoring Ref: N001

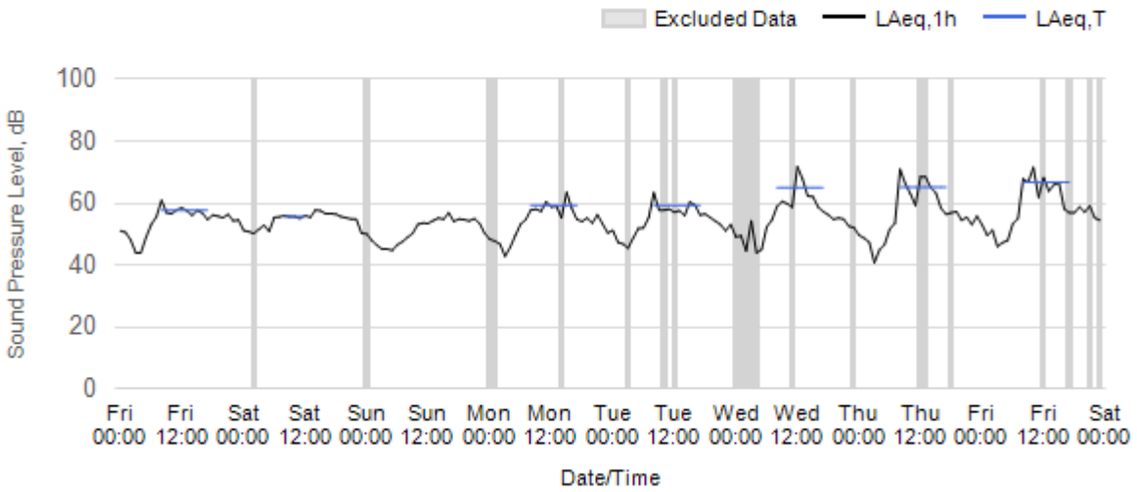
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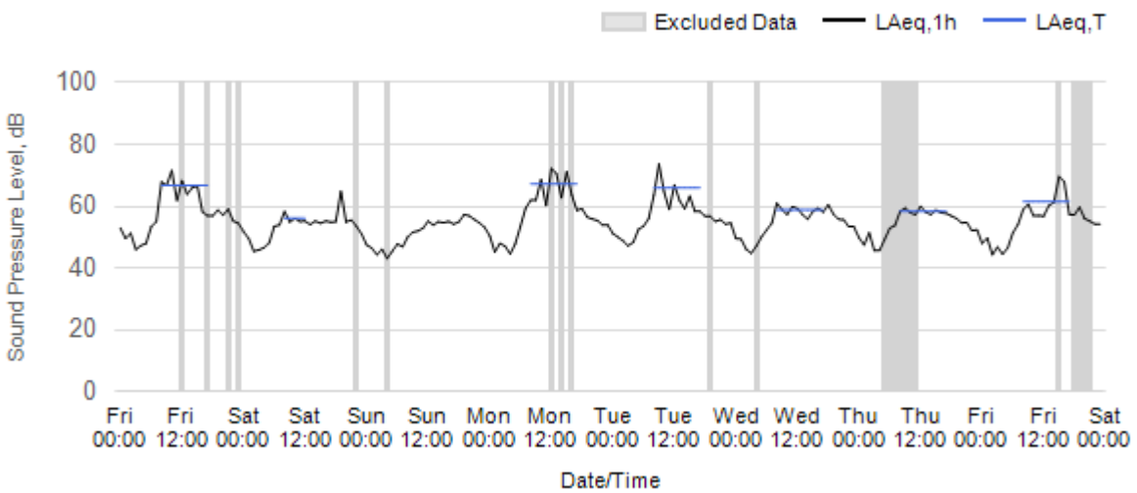
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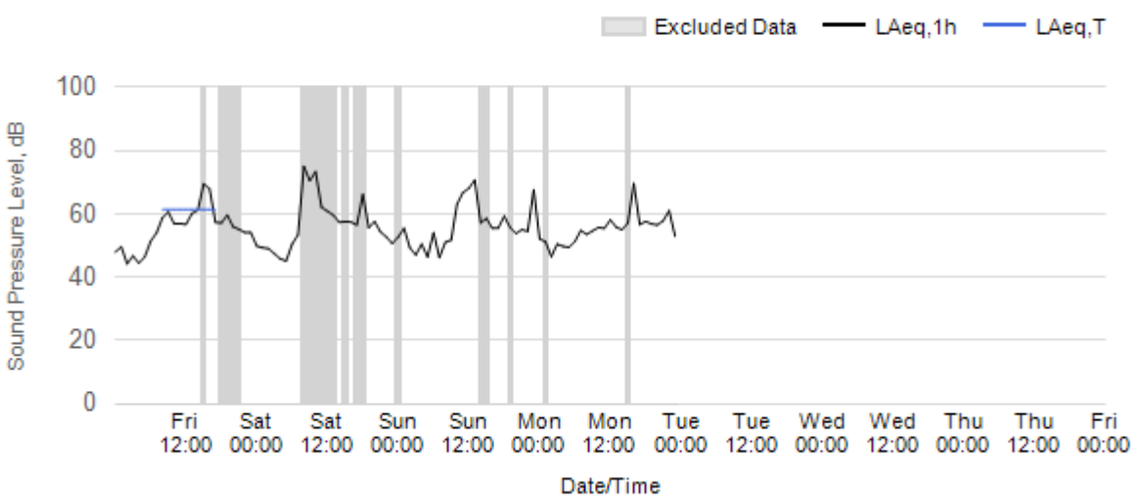
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Worksite: Euston Approaches Monitoring Ref: N001 22 August 2026 to 28 August 2026

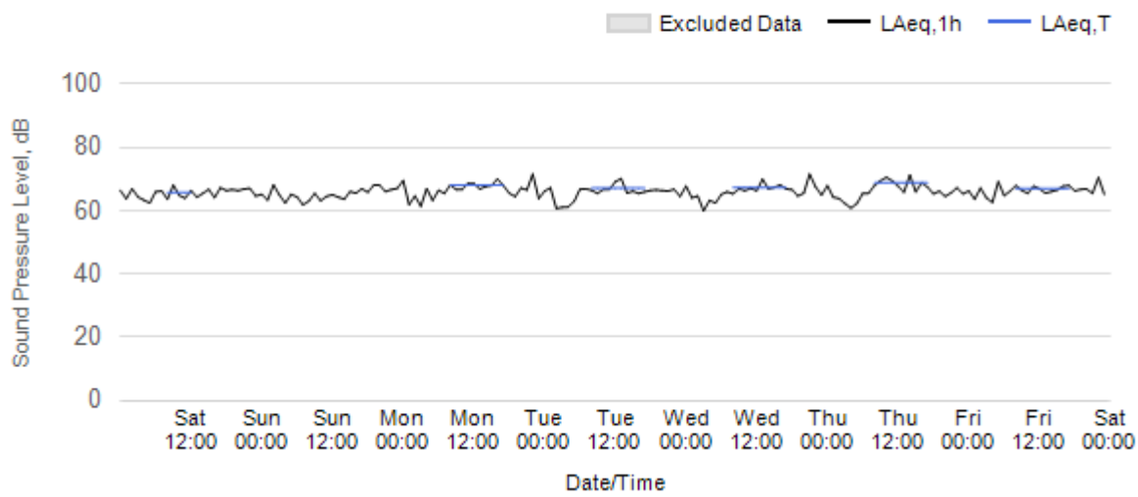


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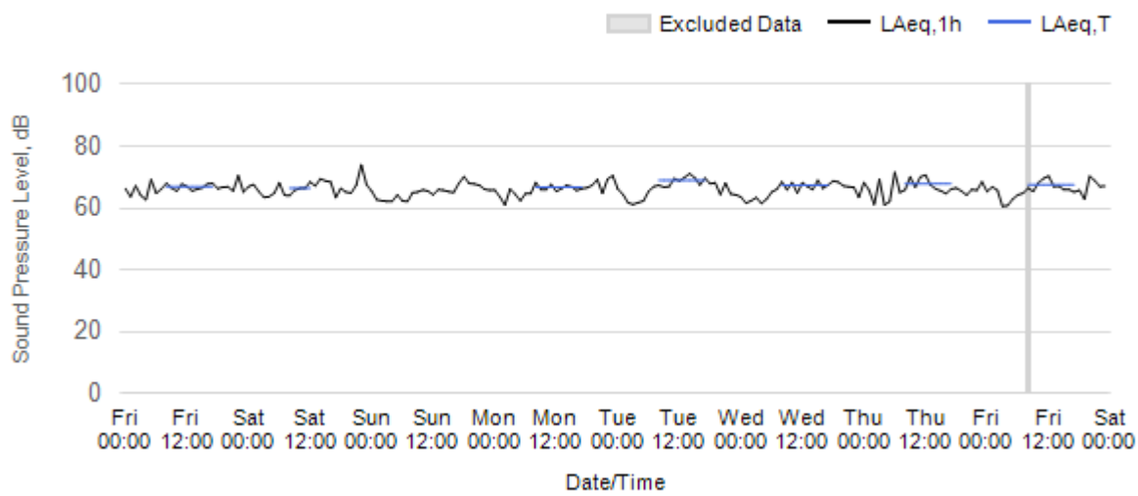


Worksite: NTH-EN - Monitoring Ref: N017

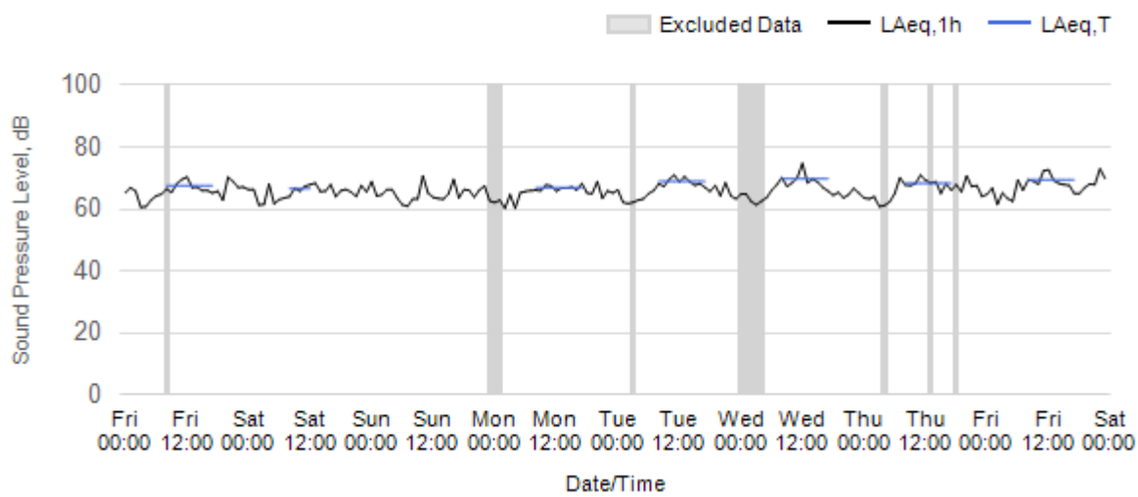
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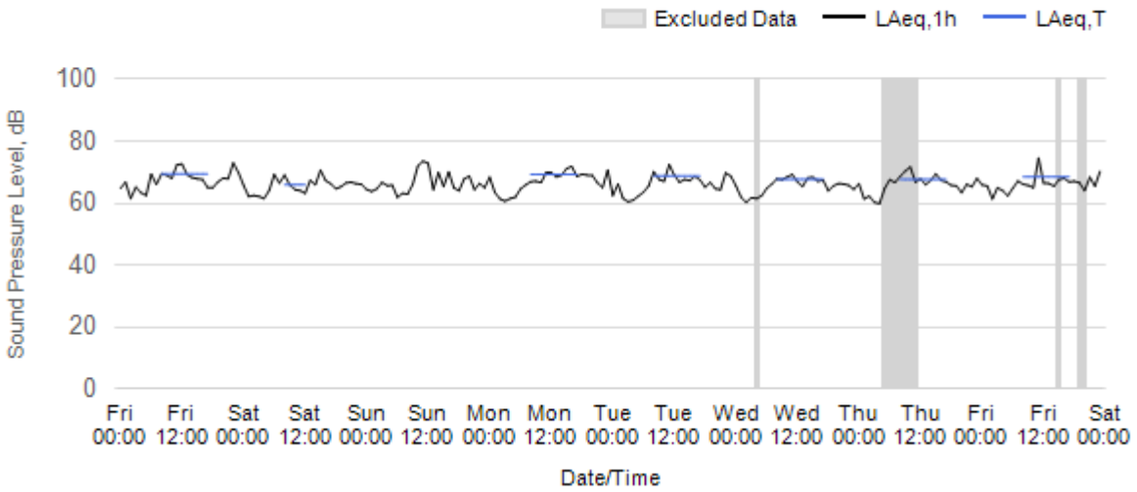
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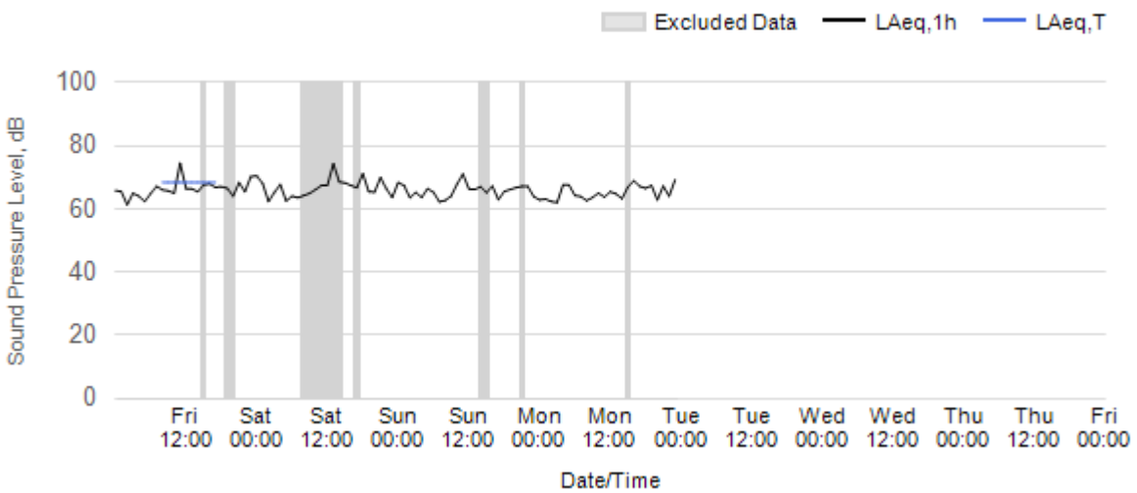
Worksite: NTH-EN Monitoring Ref: N017 15 August 2026 to 21 August 2026



Worksite: NTH-EN Monitoring Ref: N017 22 August 2026 to 28 August 2026

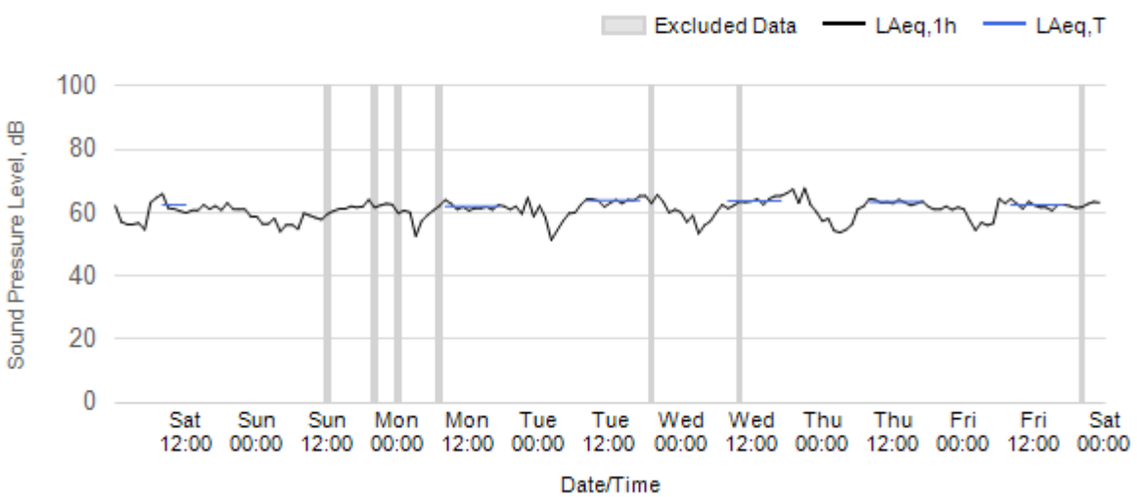


Worksite: NTH-EN Monitoring Ref: N017 29 August 2026 to 4 September 2026

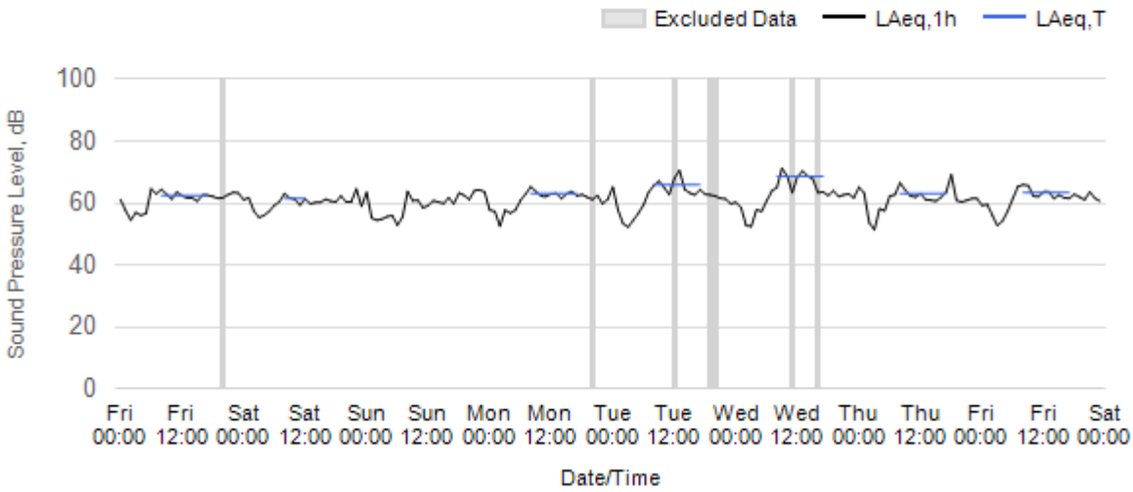


Worksite: Euston Approaches - Monitoring Ref: N005

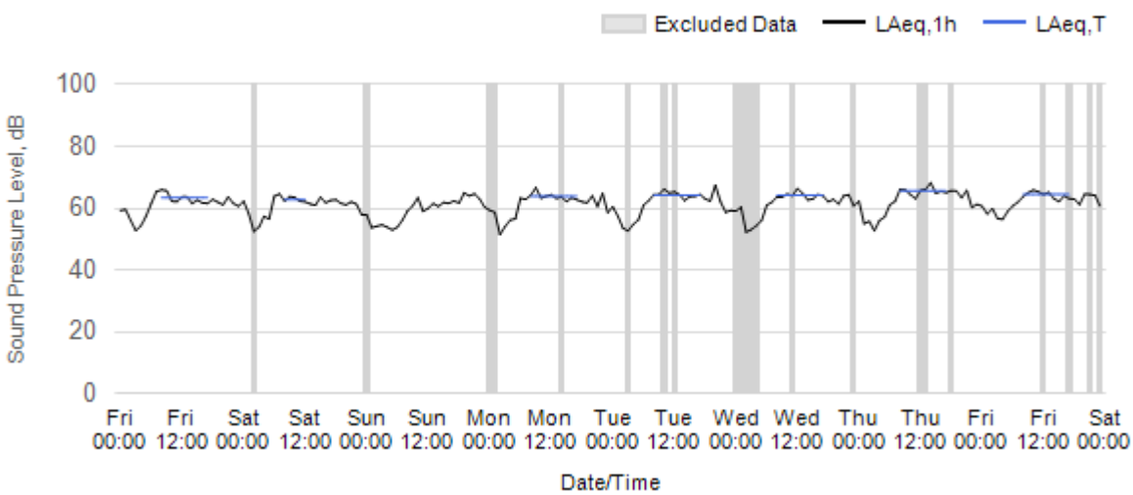
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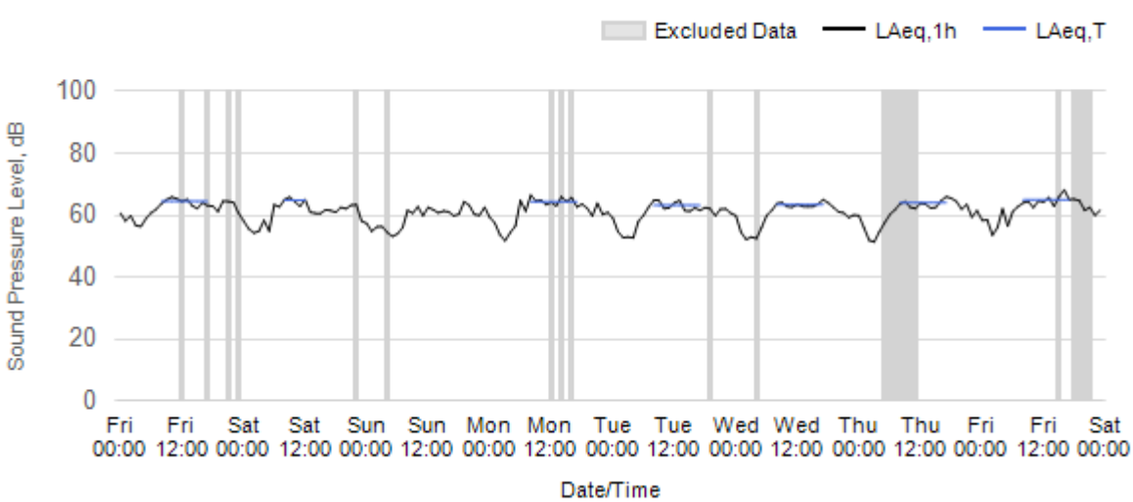
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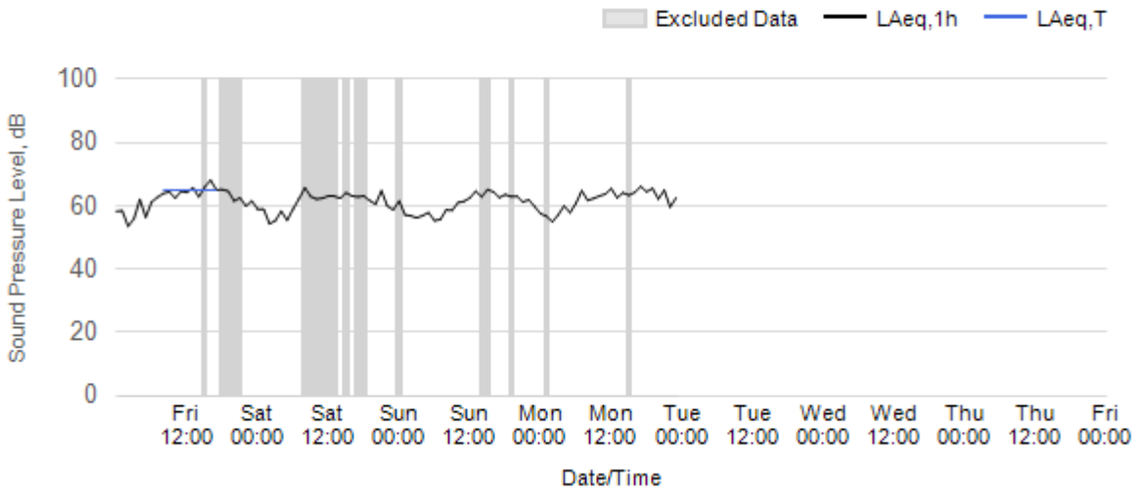
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Worksite: Euston Approaches Monitoring Ref: N005 22 August 2026 to 28 August 2026

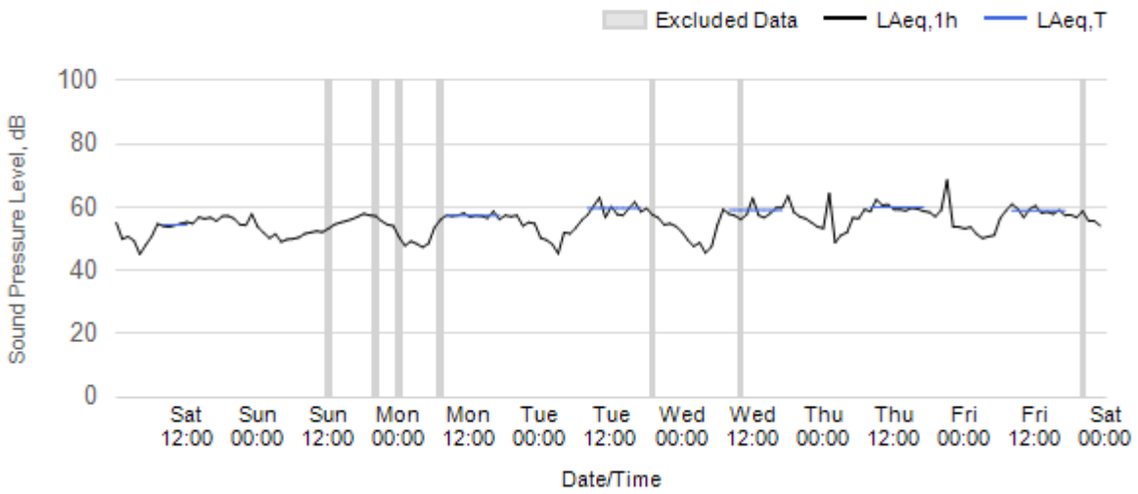


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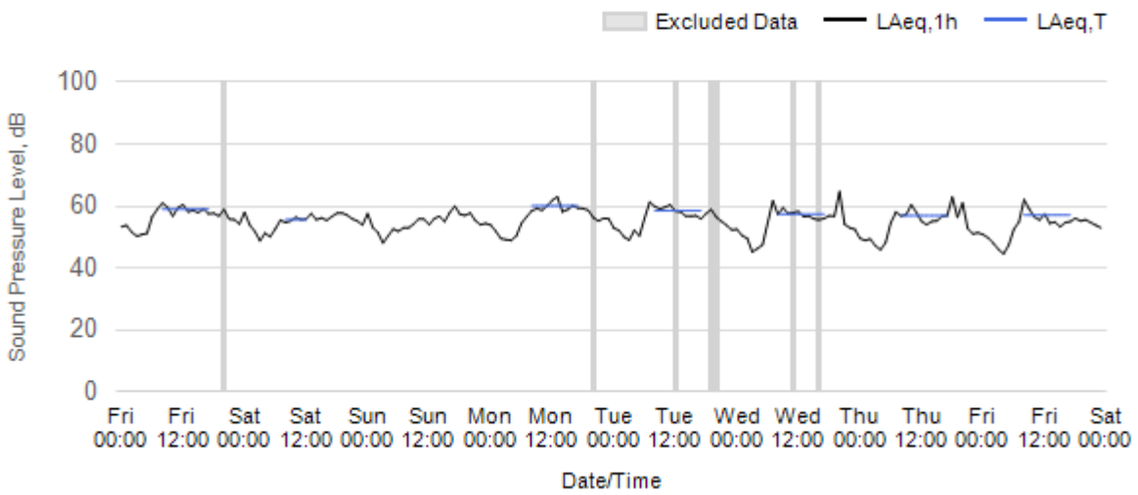


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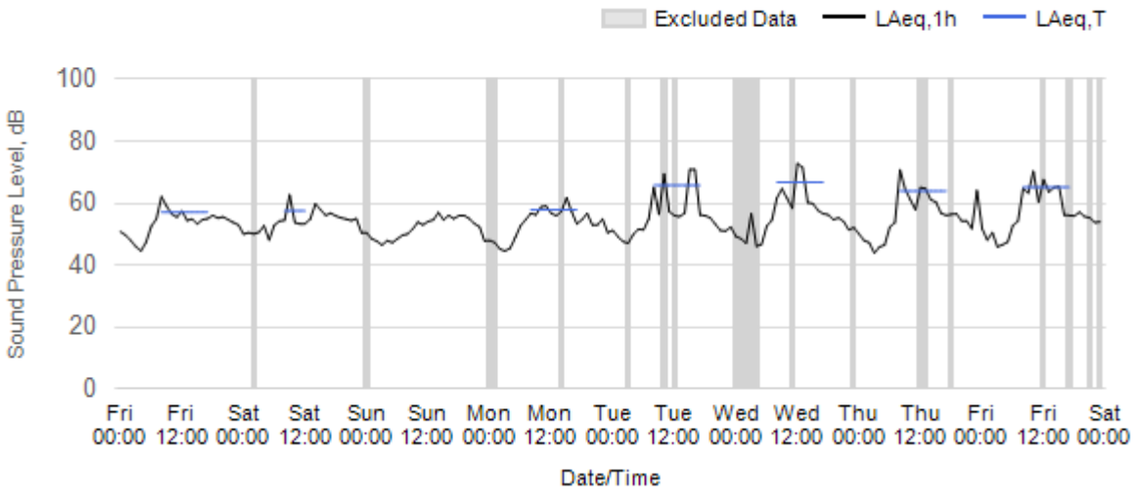
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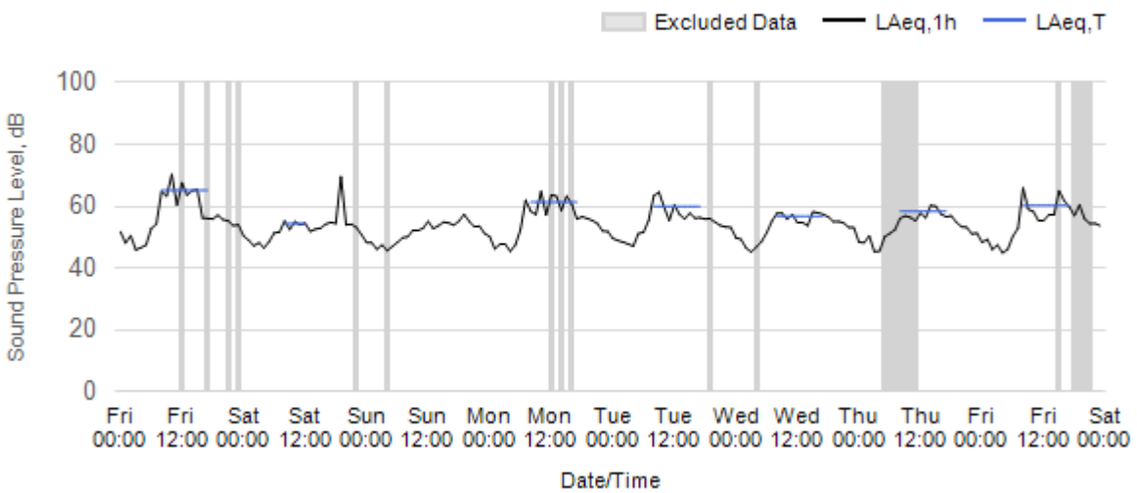
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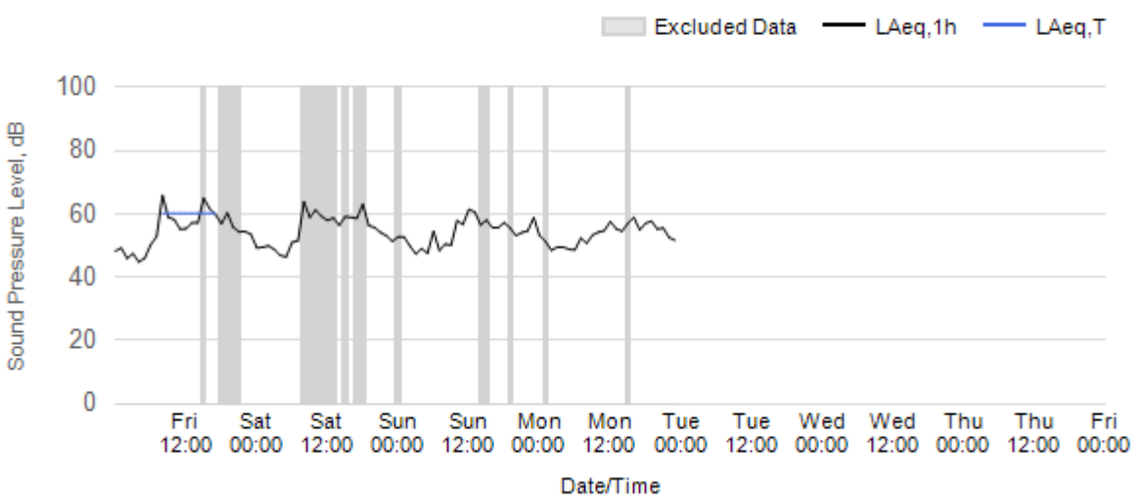
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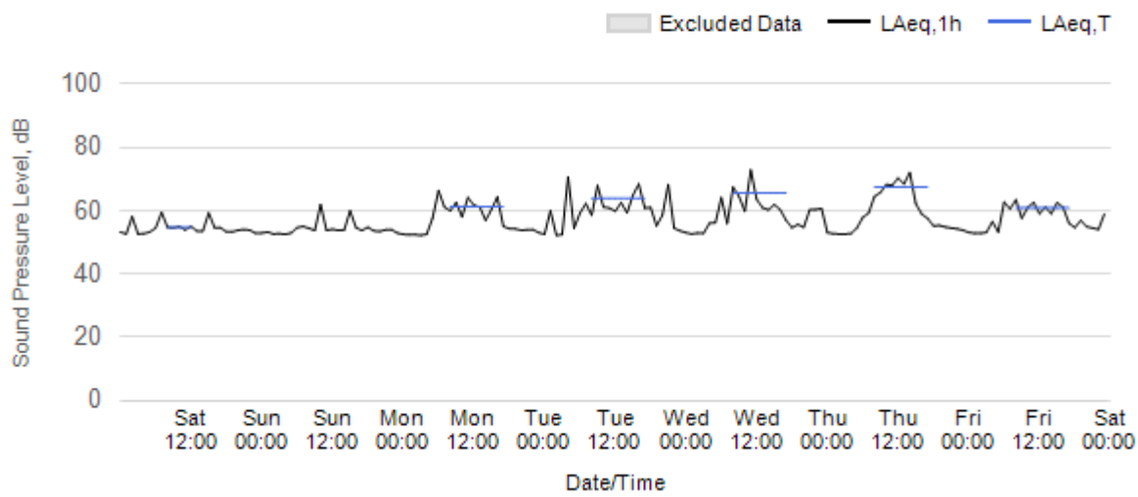


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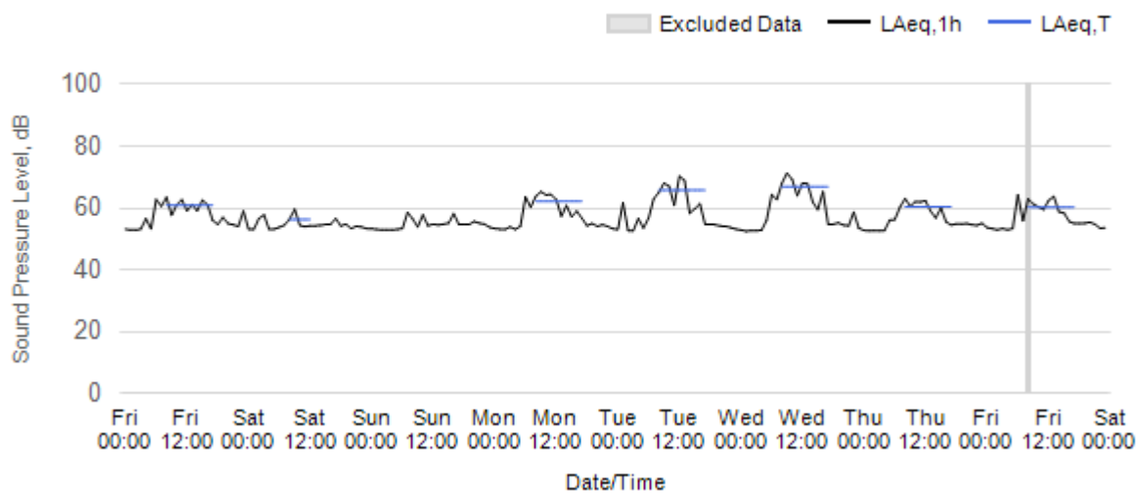


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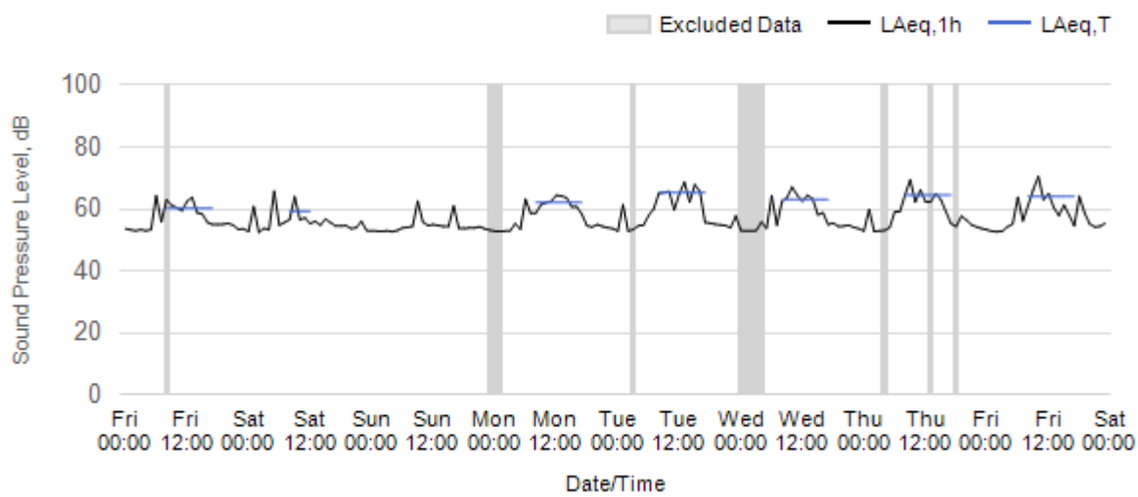
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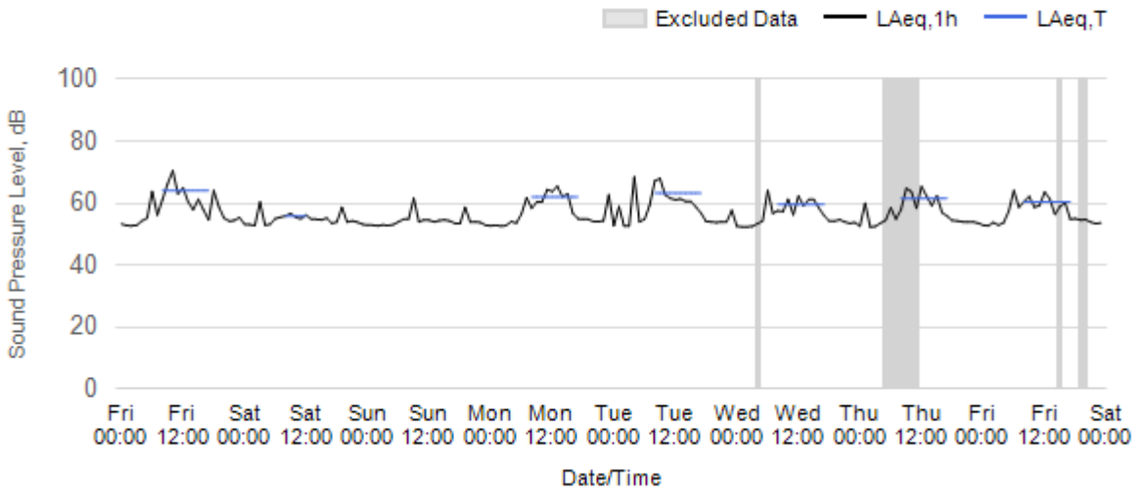
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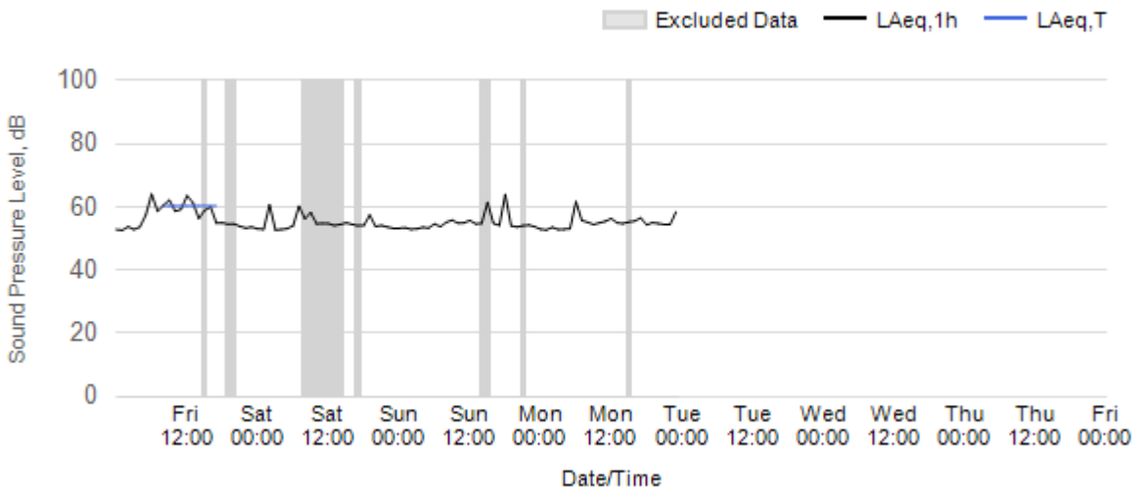
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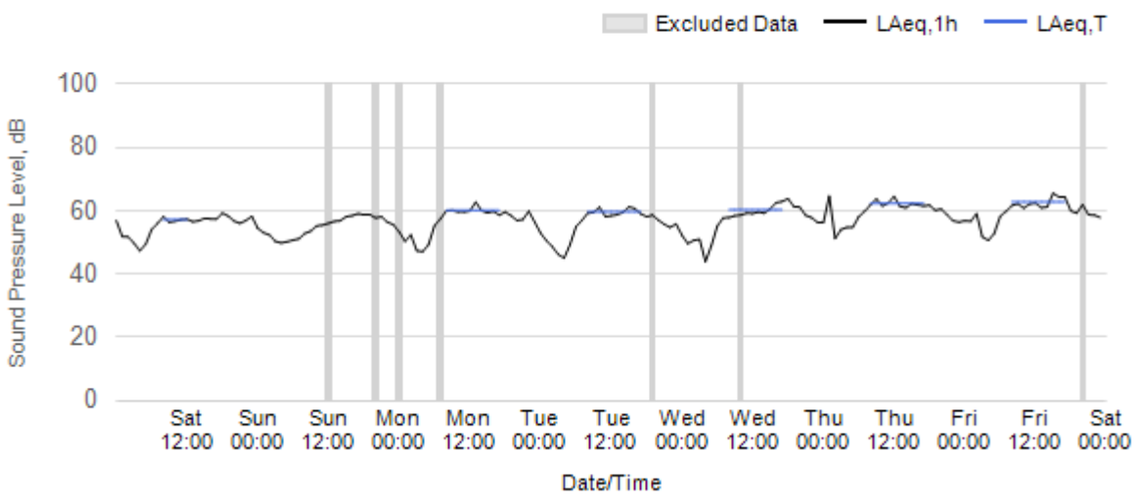


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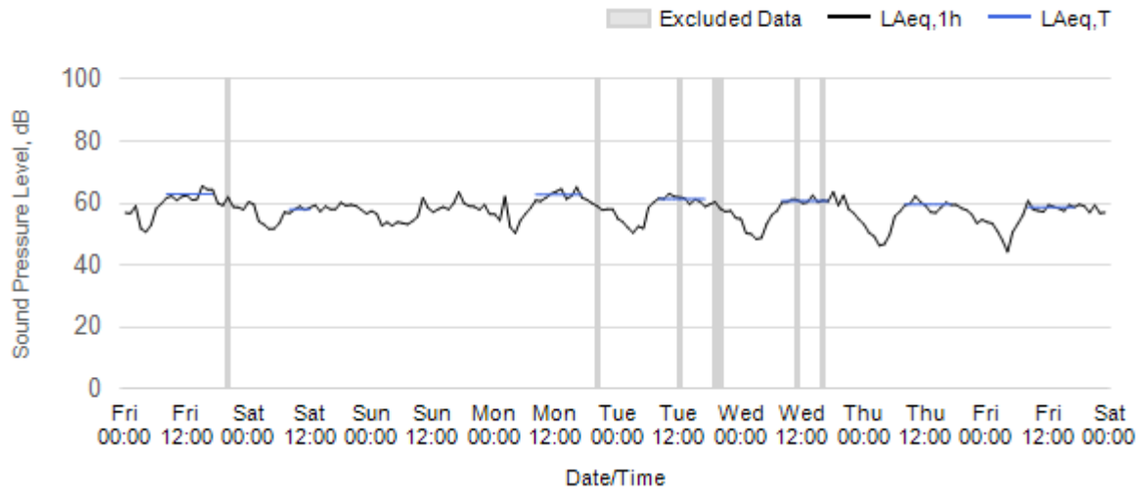


Worksite: Euston Approaches - Monitoring Ref: N002

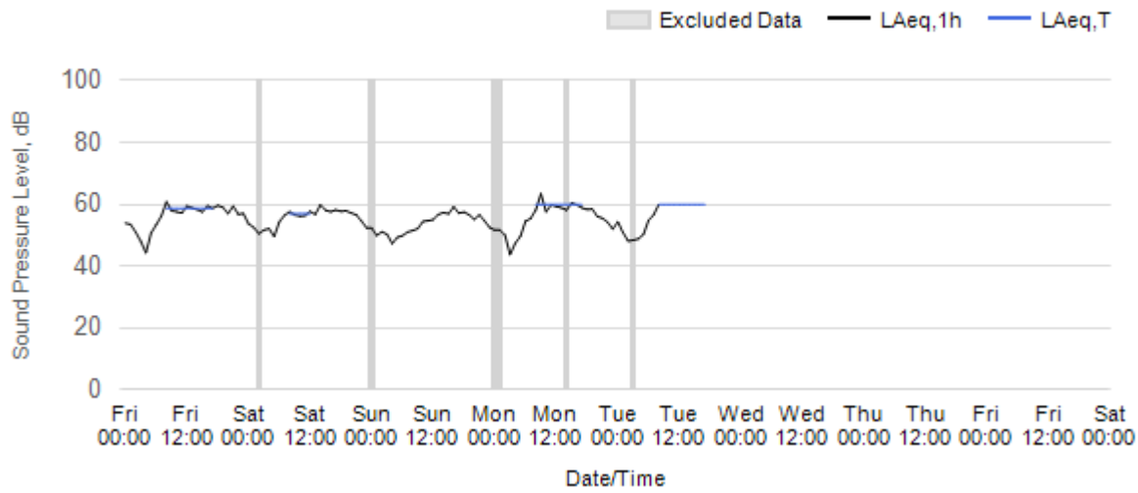
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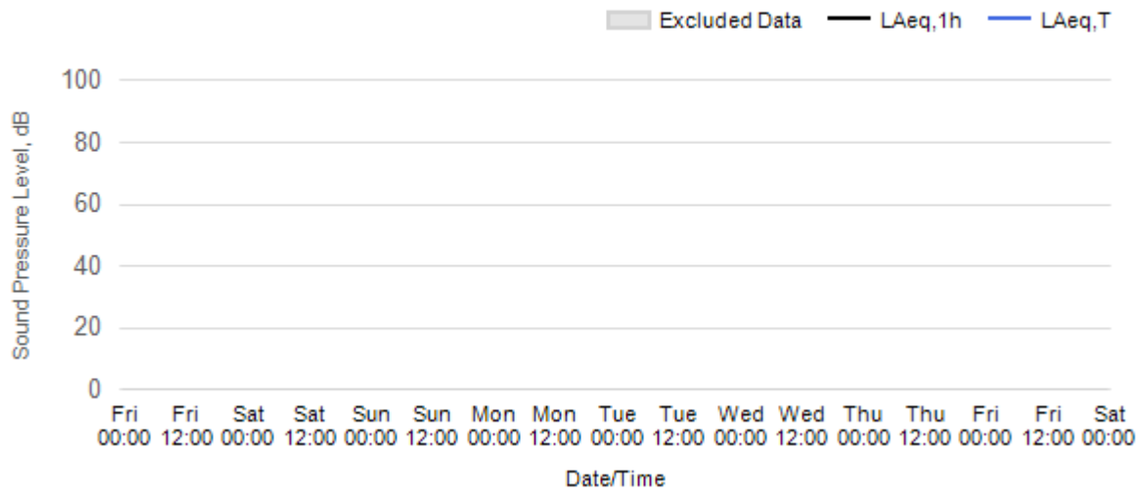


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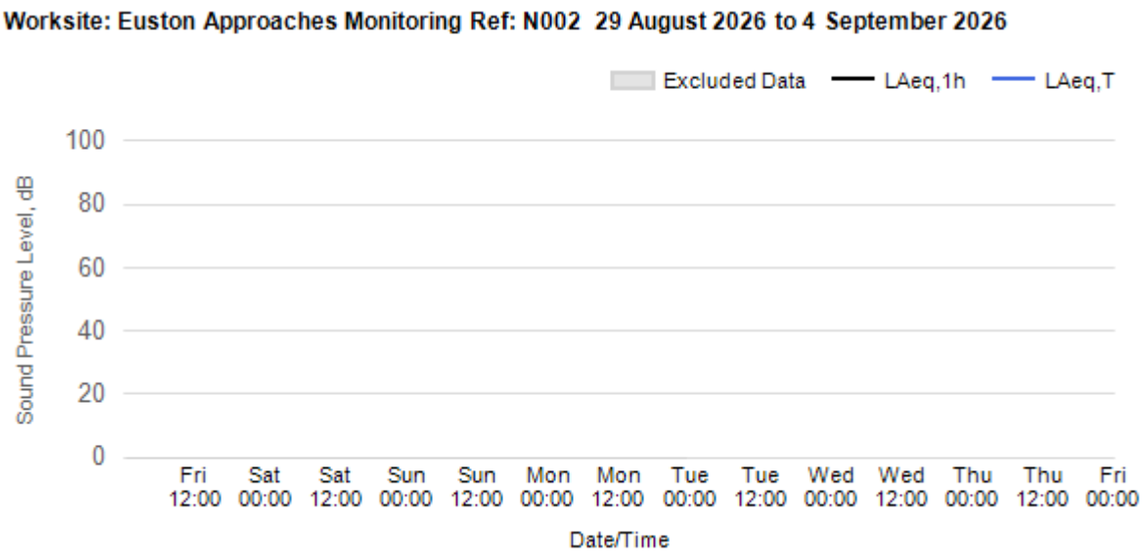


Note: Missing data due to loss of power to the lighting column which supplies power to the monitoring station.

Worksite: Euston Approaches Monitoring Ref: N002 22 August 2026 to 28 August 2026



Note: Missing data due to loss of power to the lighting column which supplies power to the monitoring station.

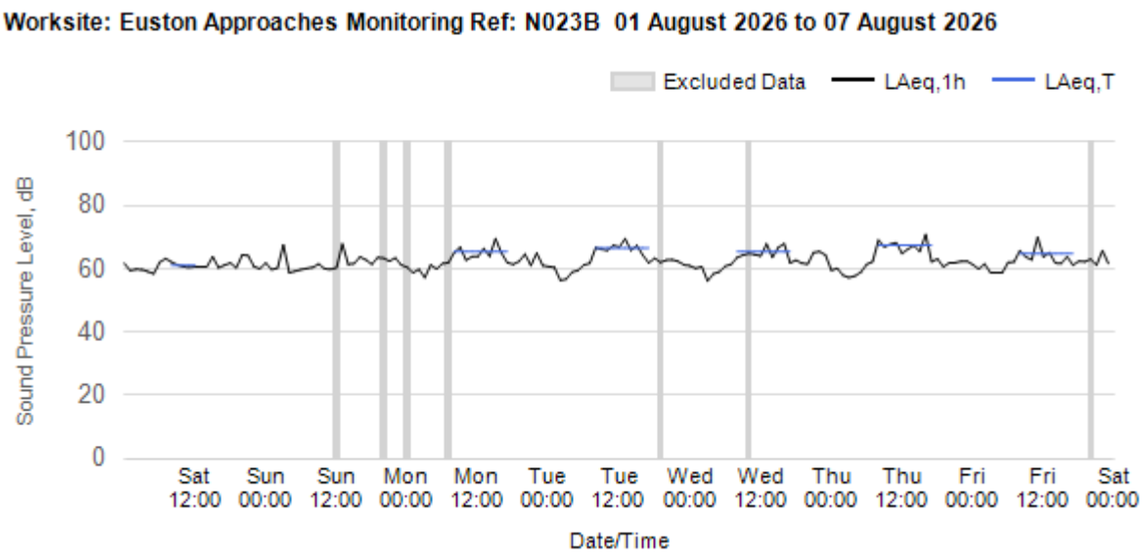


Note: Missing data due to loss of power to the lighting column which supplies power to the monitoring station.

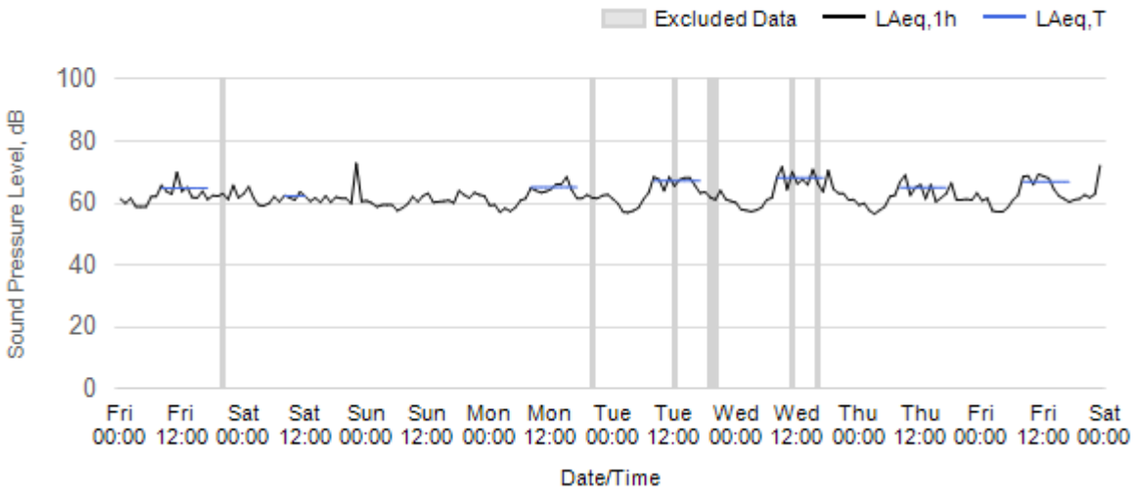
Worksite: Euston Approaches - Monitoring Ref: N001b

Note: No data measured throughout the month due to loss of power to the lighting column which supplies power to the monitoring station.

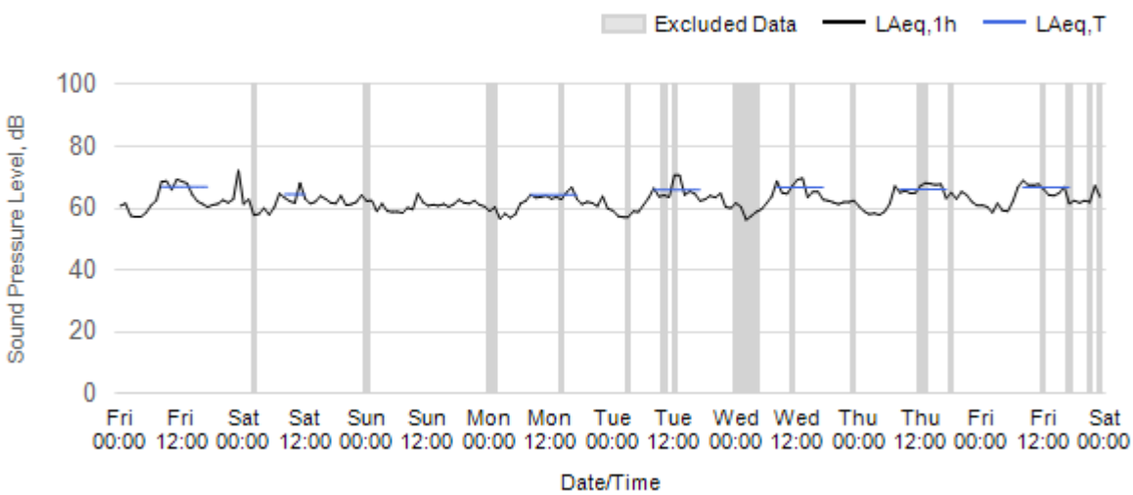
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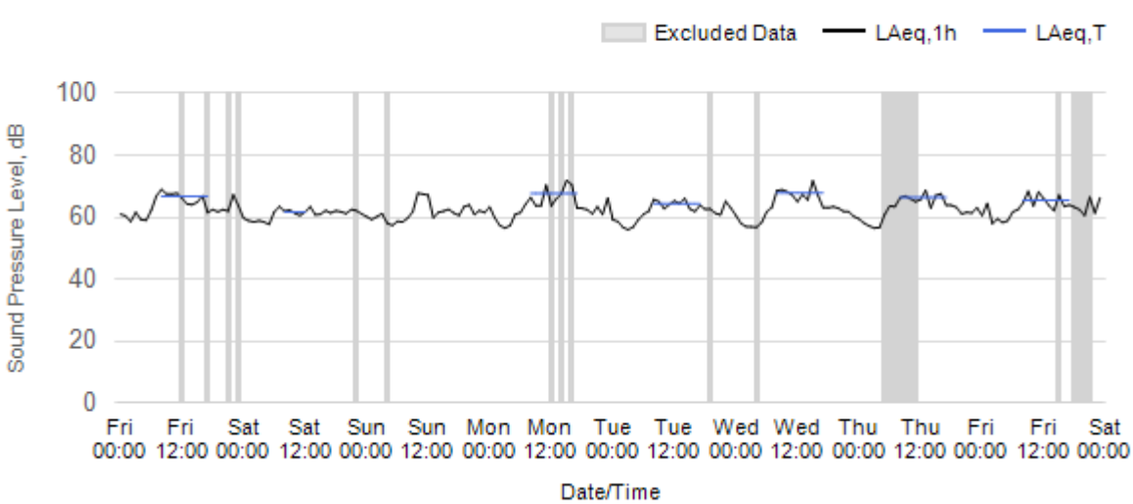
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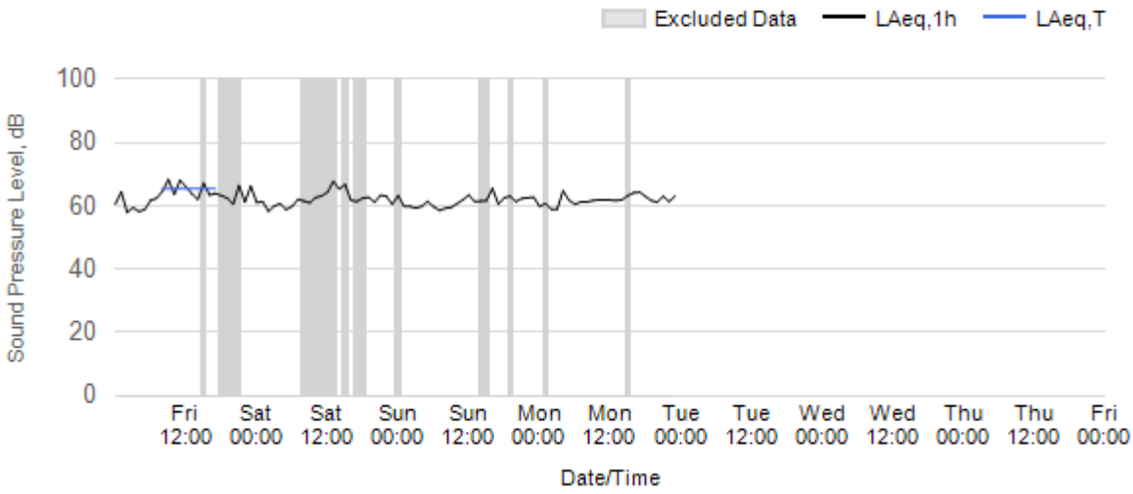
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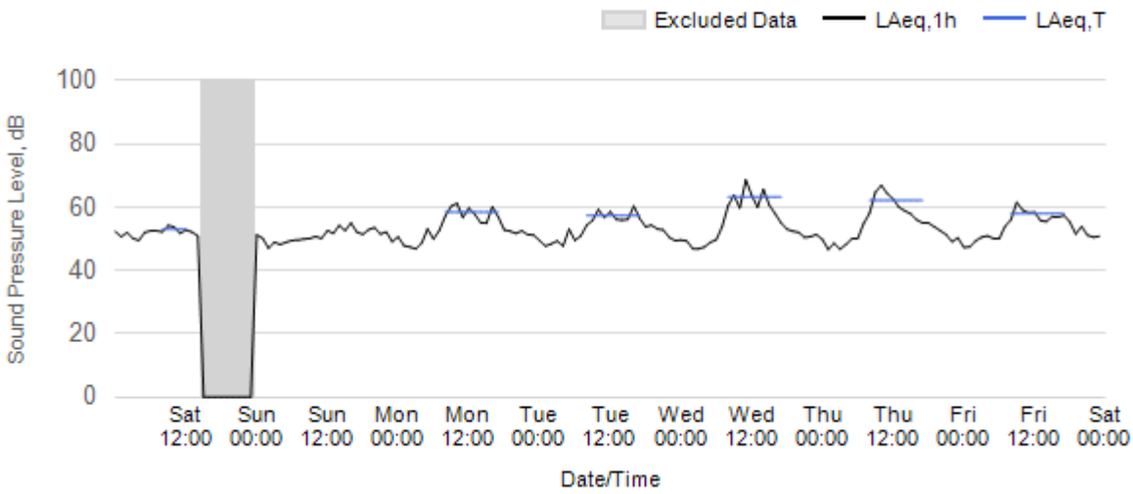


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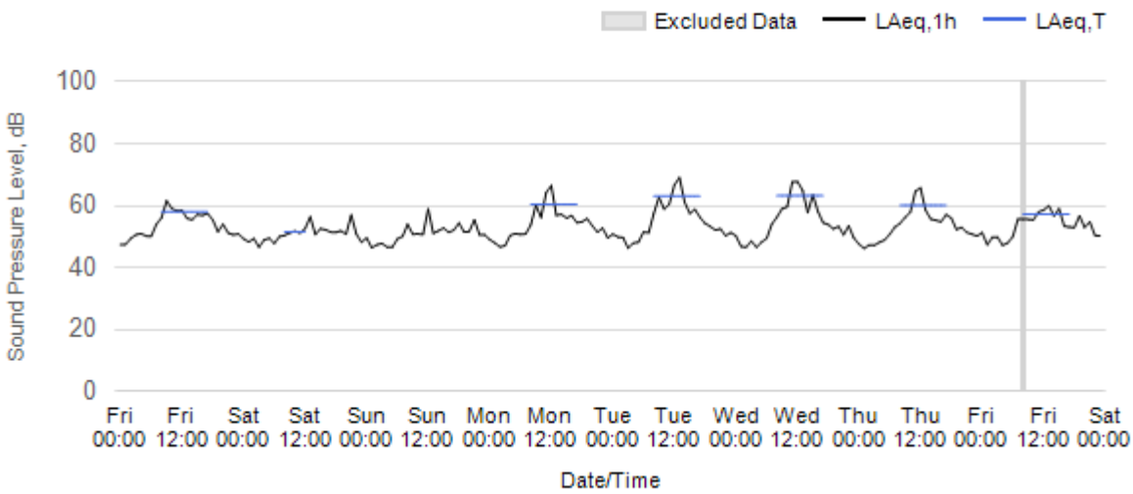
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Worksite: TSS Monitoring Ref: N011 01 August 2026 to 07 August 2026

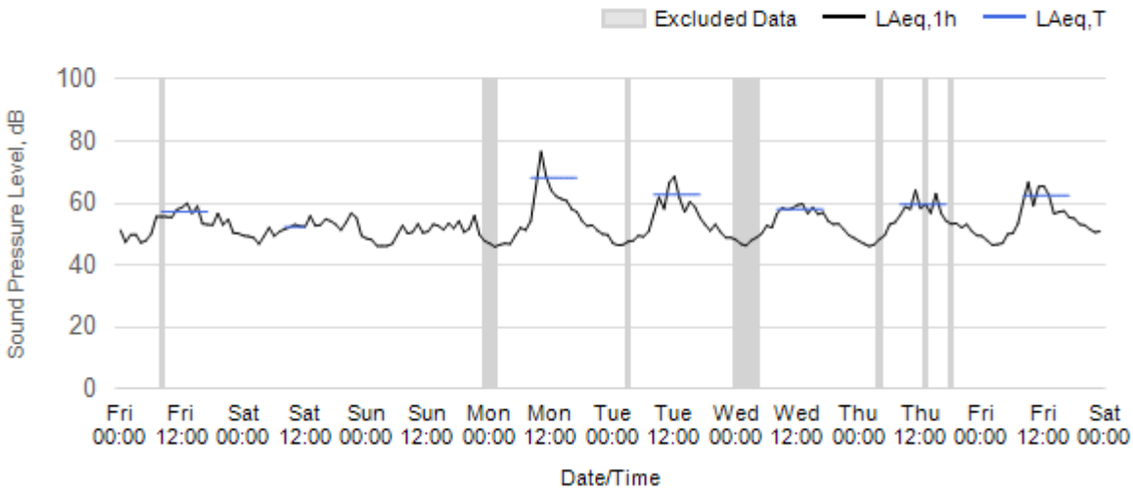


Note: Missing data due to a fault with monitoring equipment.

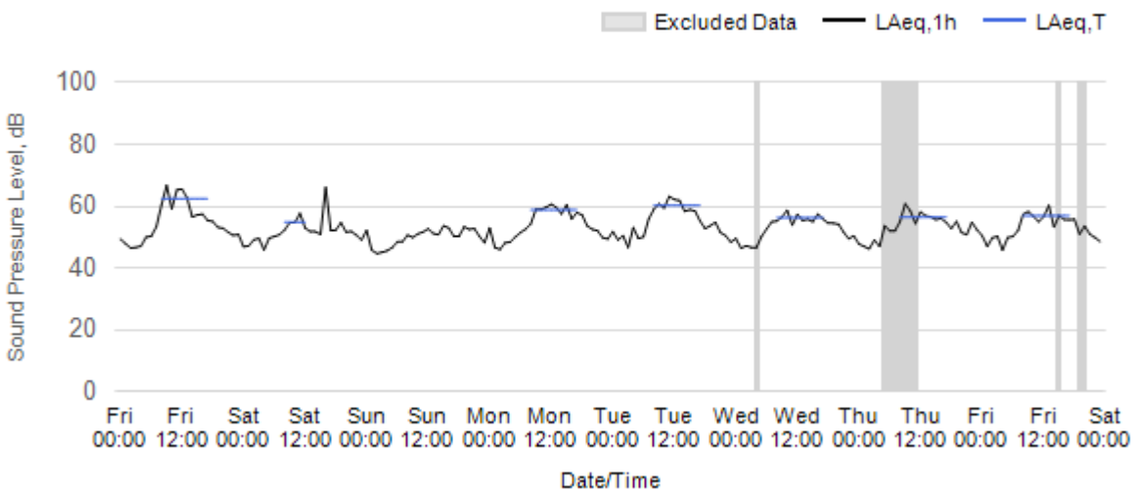
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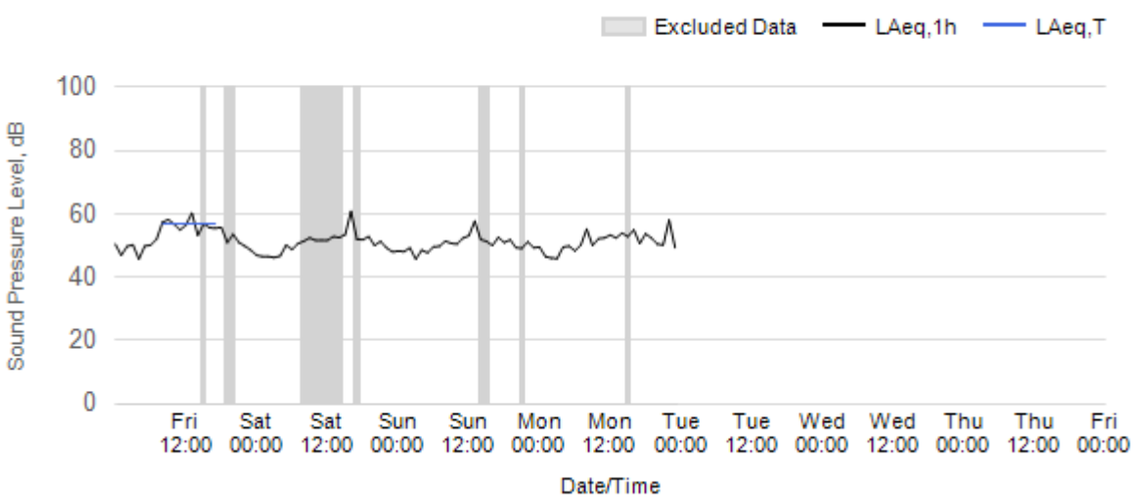
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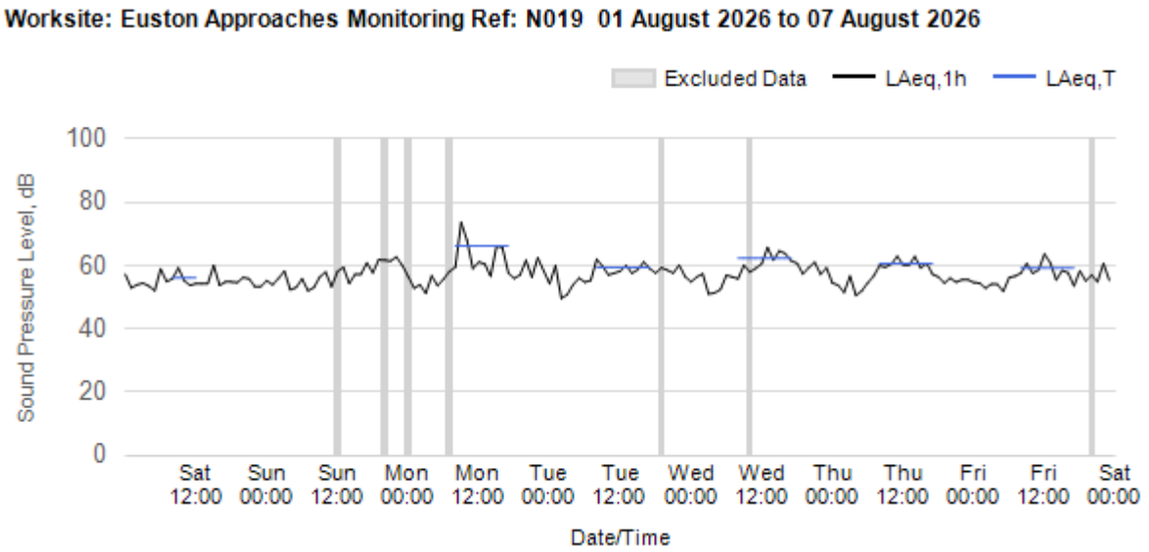
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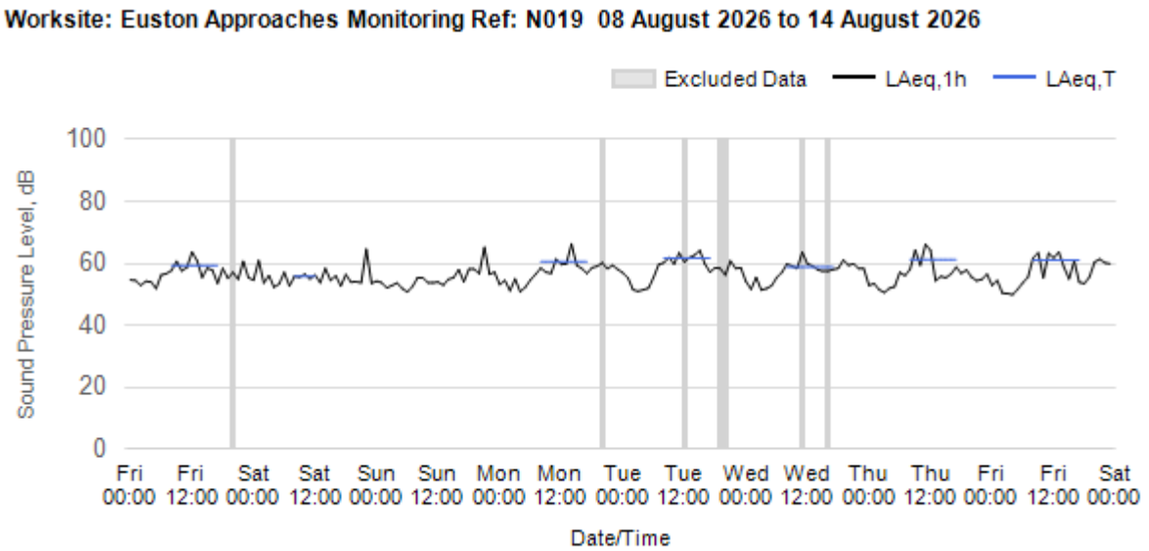


Worksite: Euston Approaches - Monitoring Ref: N003

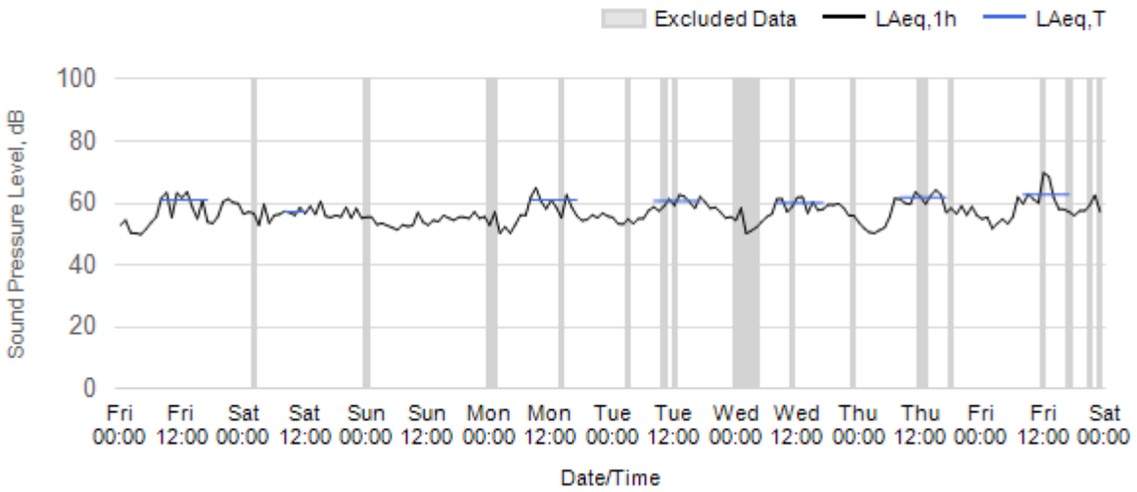
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Worksite: Euston Approaches - Monitoring Ref: N019

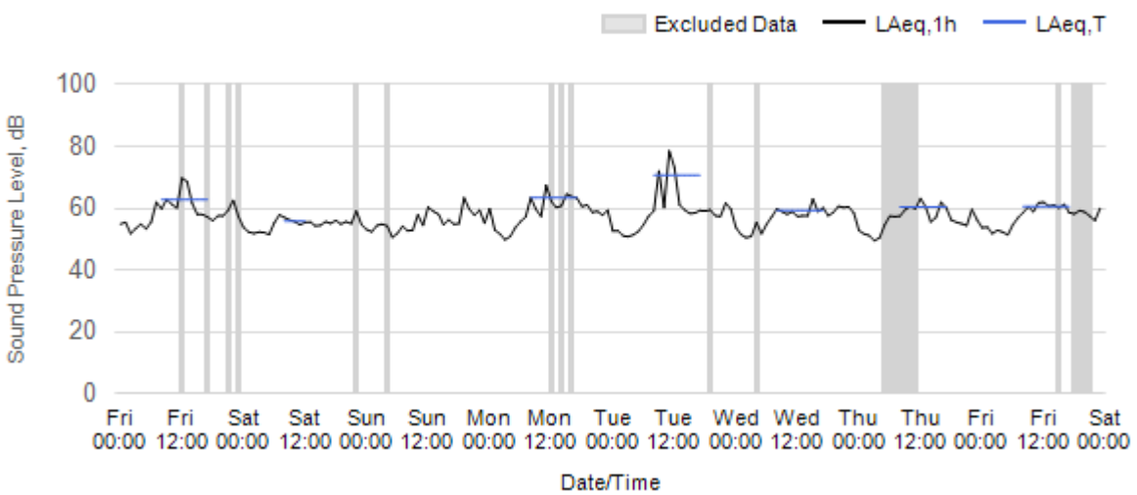




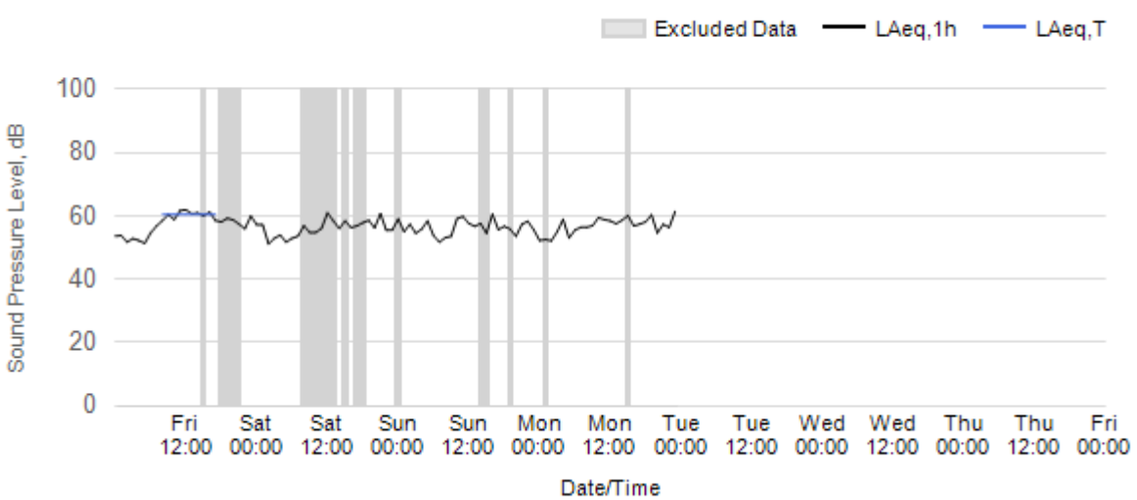
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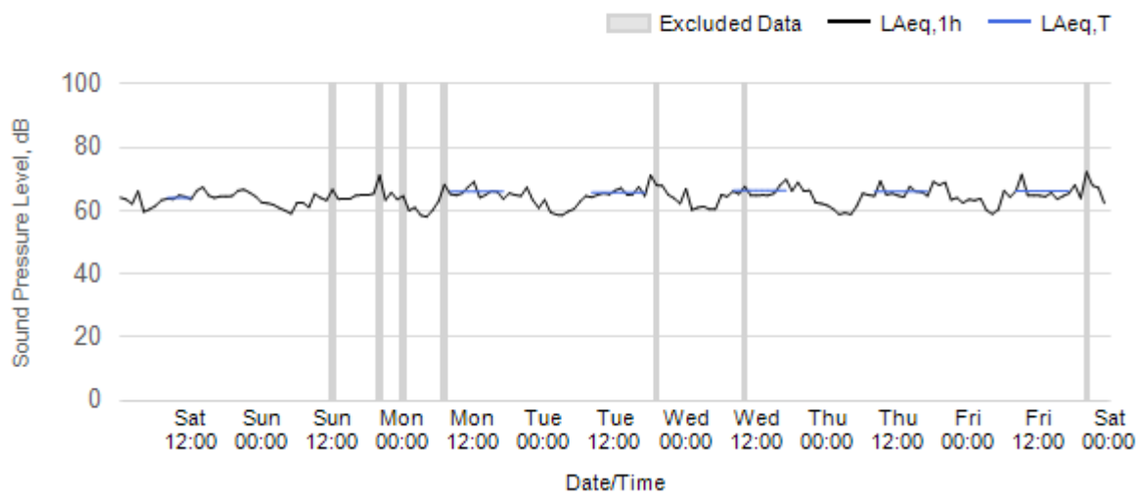


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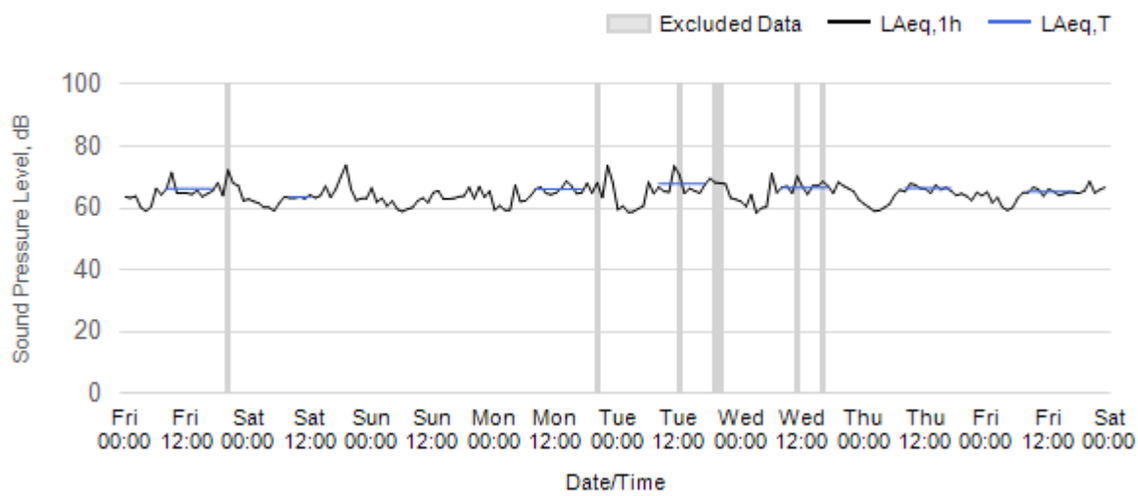


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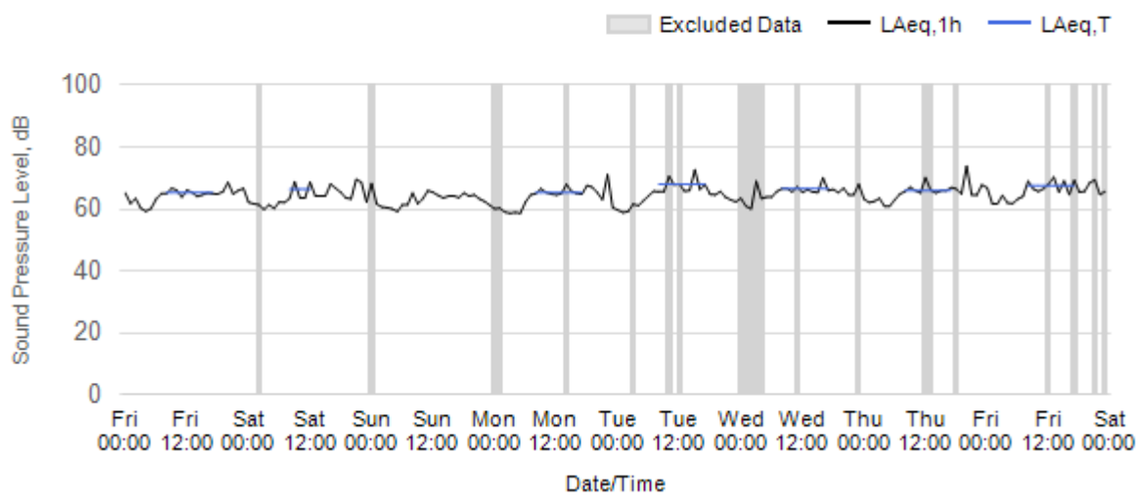
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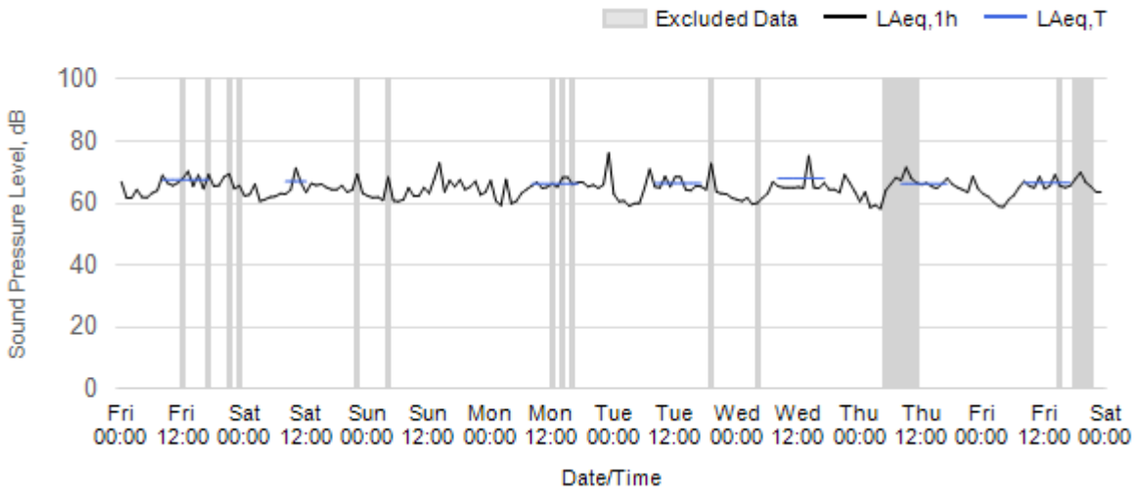
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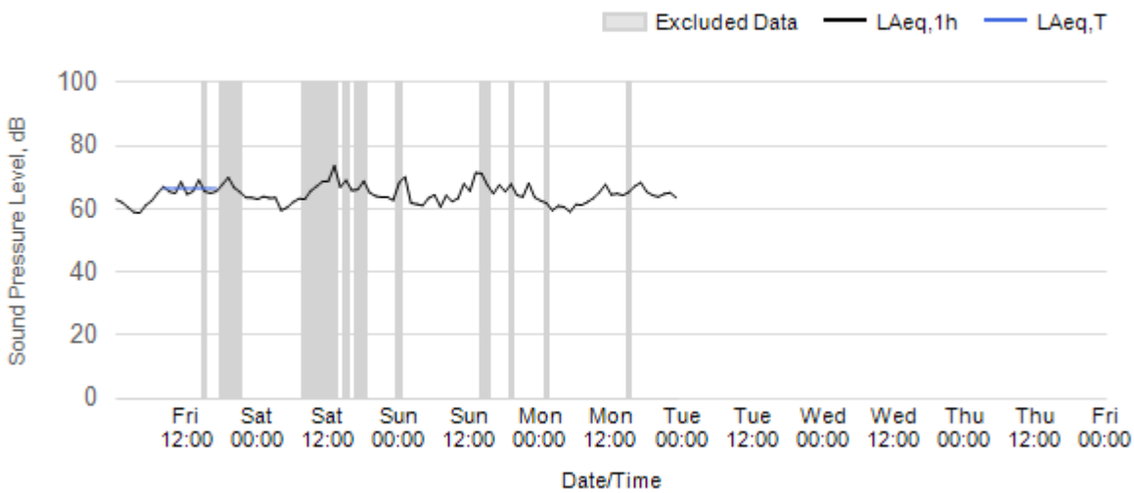
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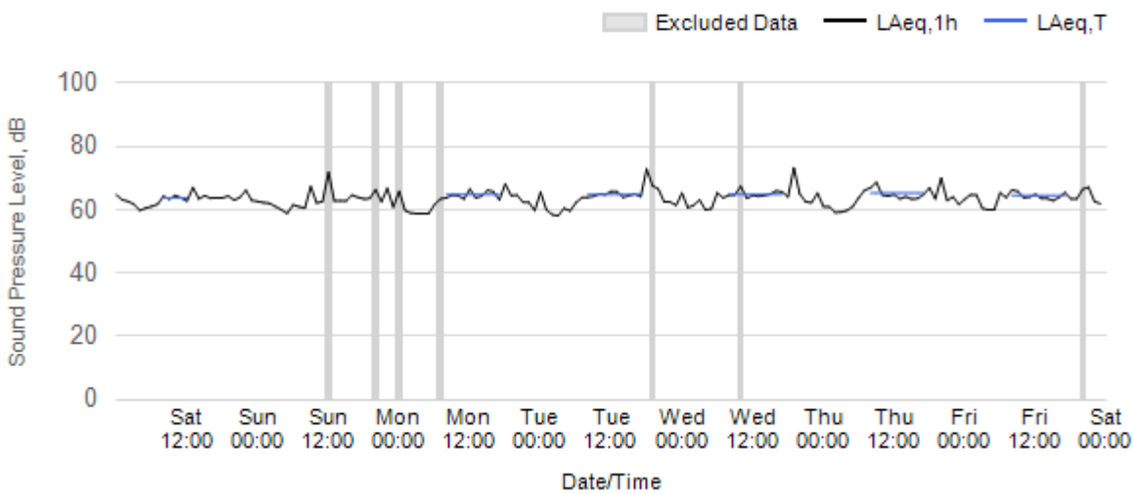


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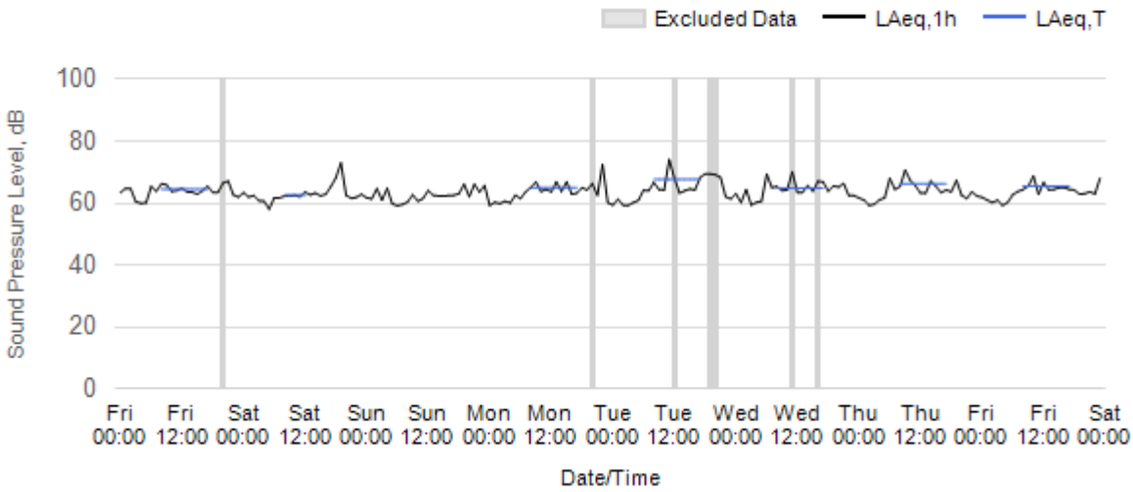


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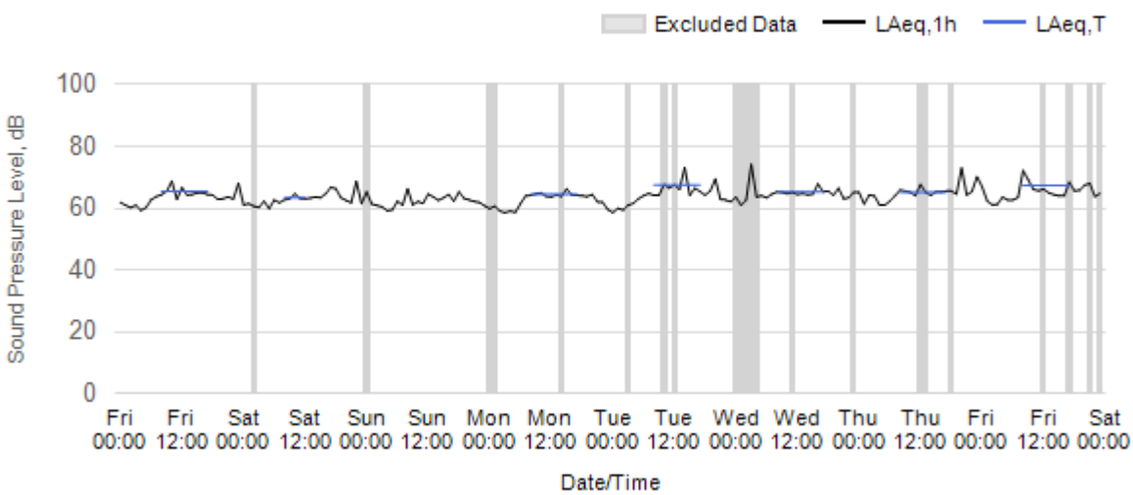
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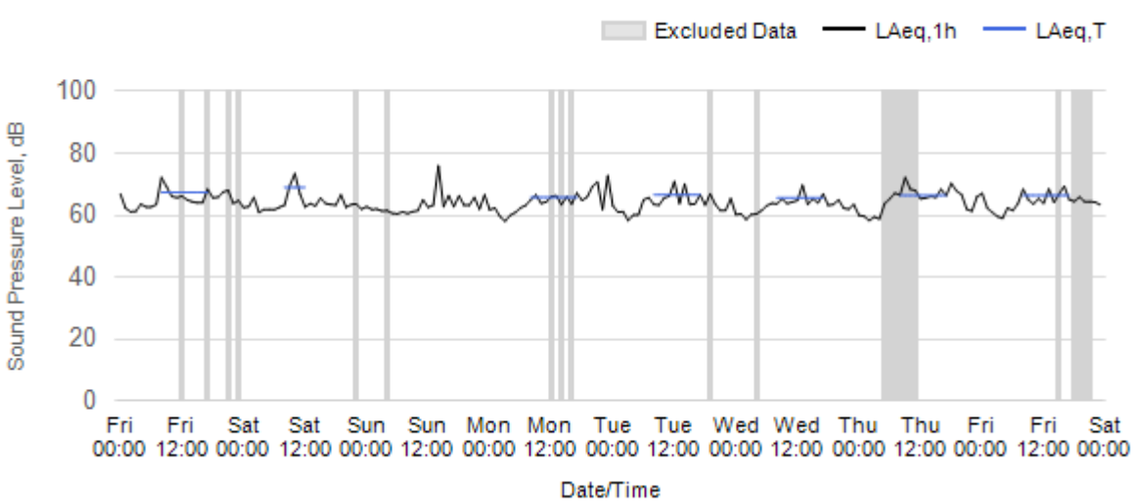
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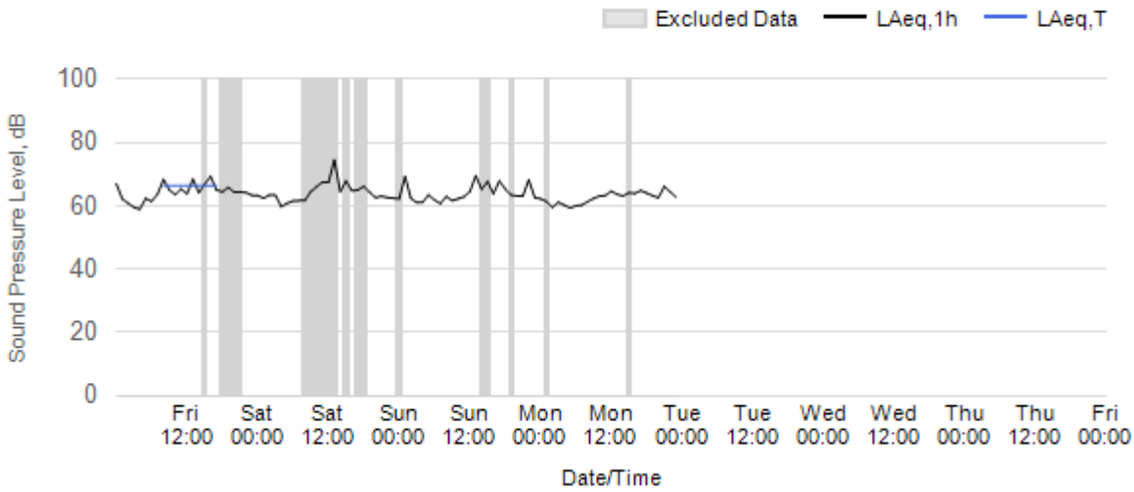
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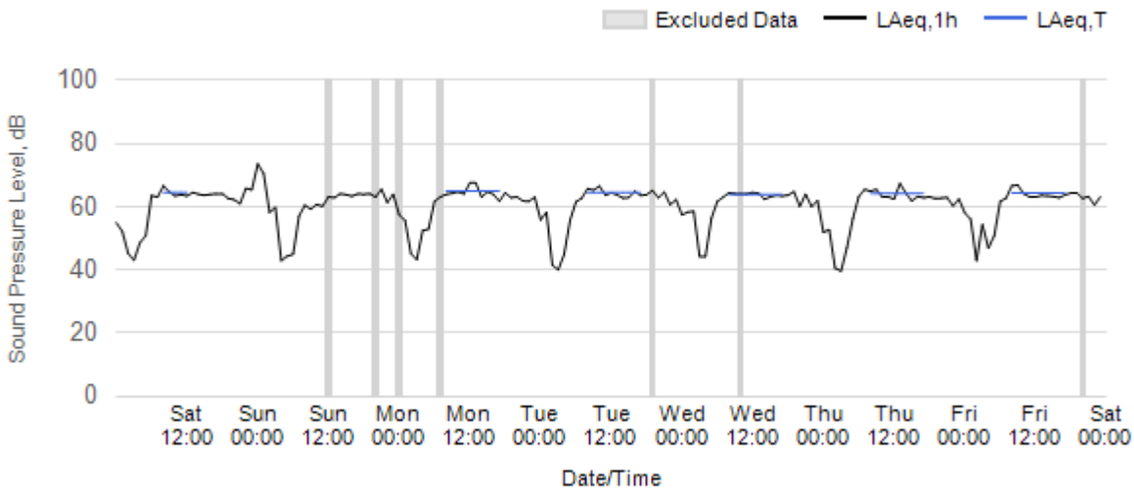


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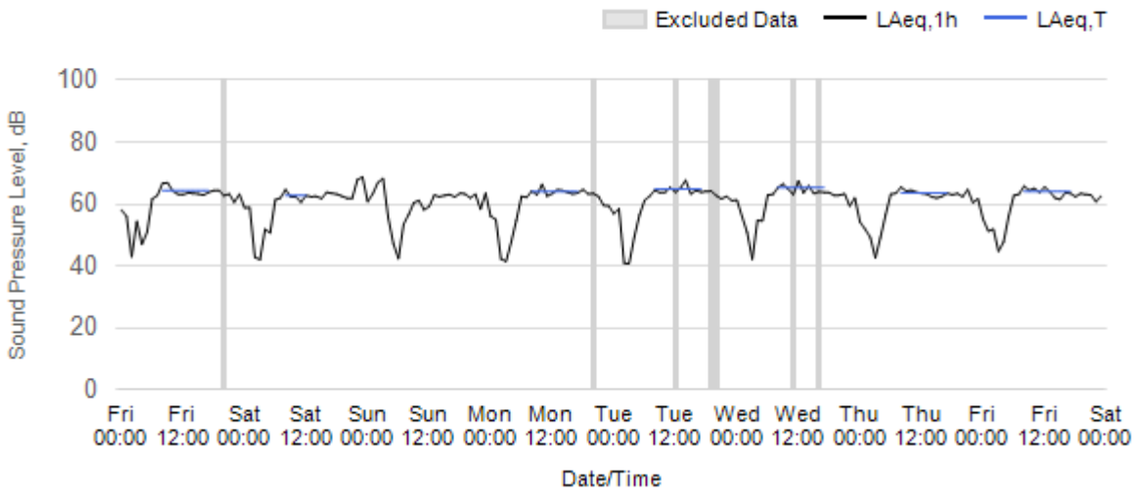


Worksite: Euston Approaches - Monitoring Ref: PVS-N001

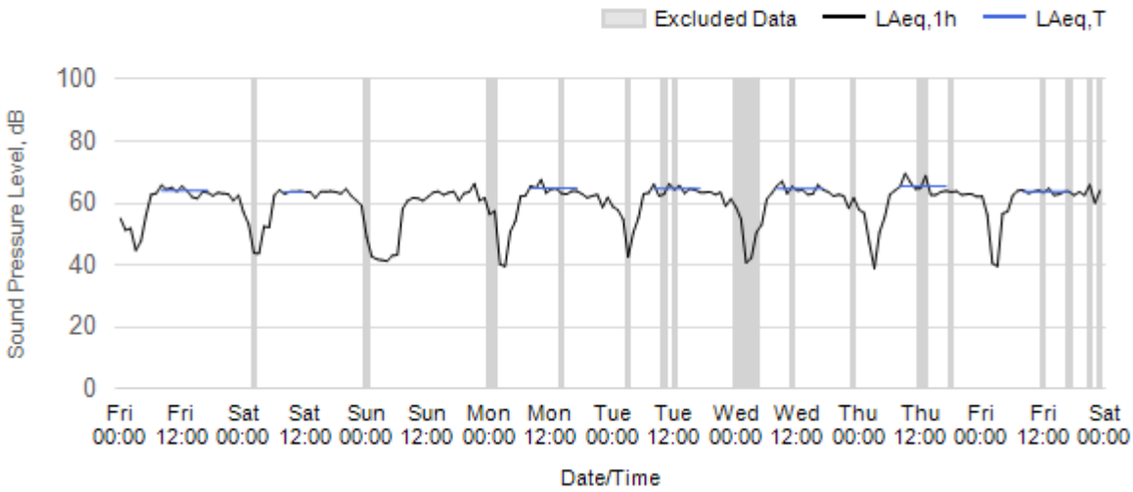
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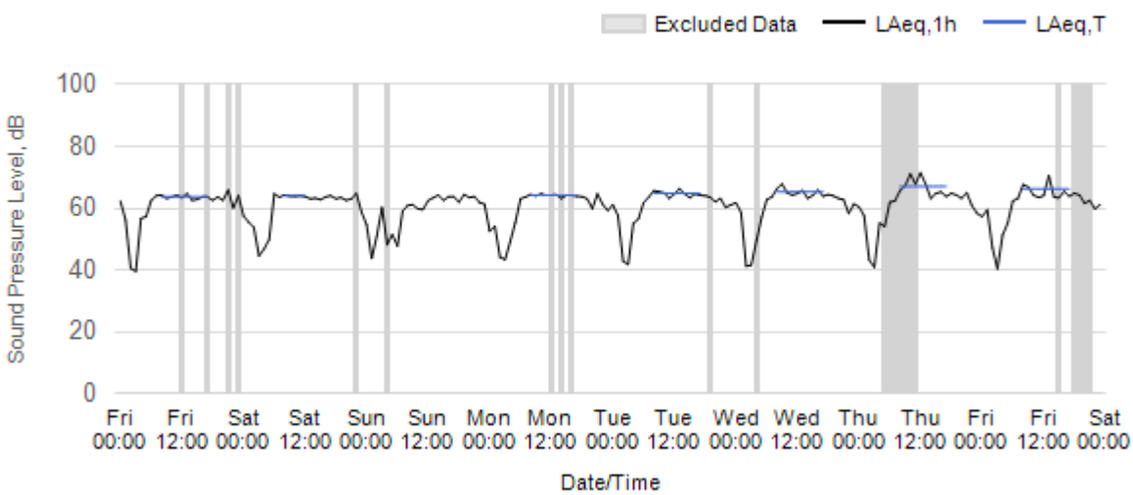
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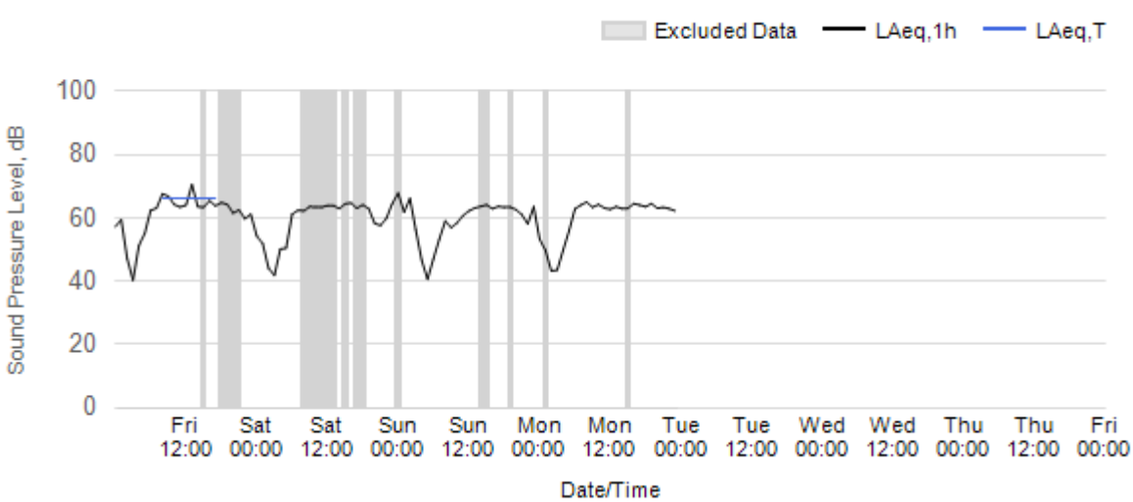
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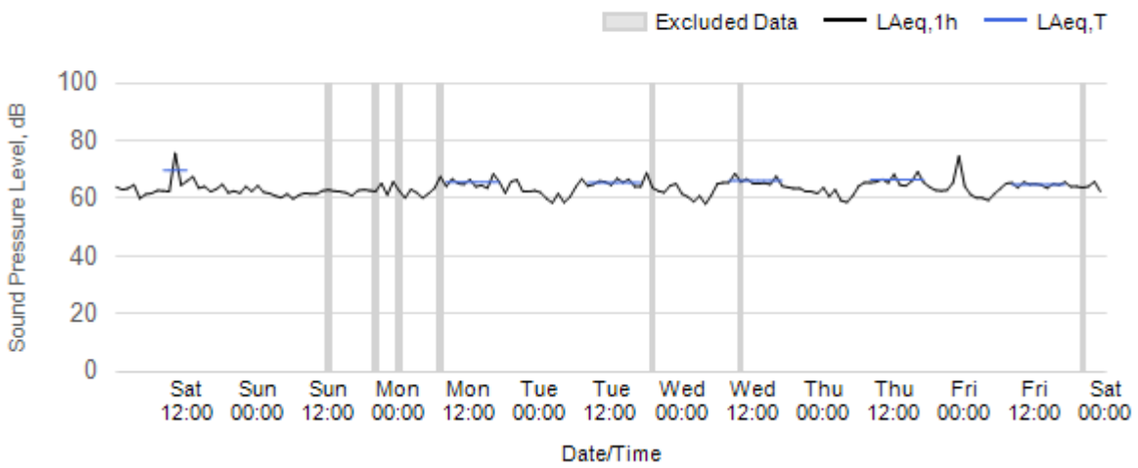


Worksite: Euston Approaches Monitoring Ref: PVS-N001 29 August 2026 to 4 September 2026

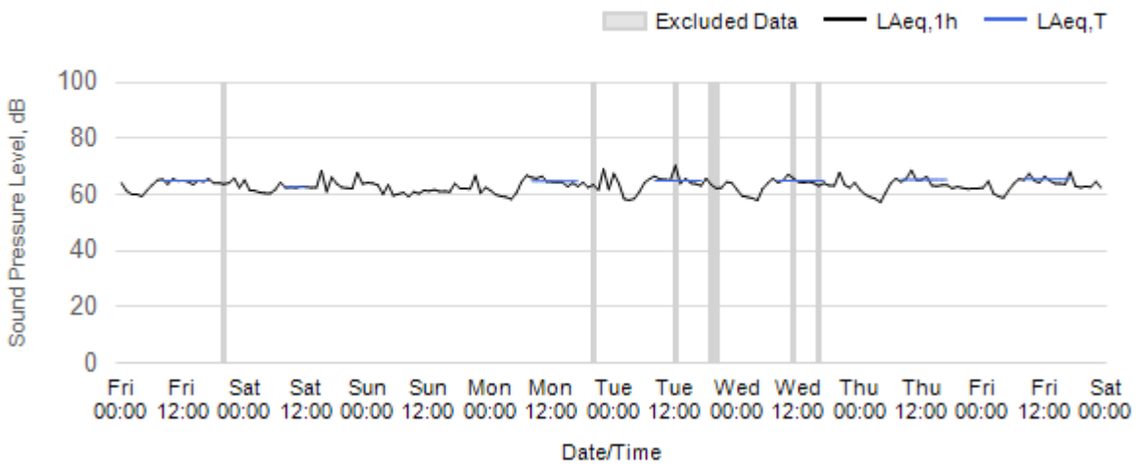


Worksite: Euston Approaches Vehicle Holding Area - Monitoring Ref: N025

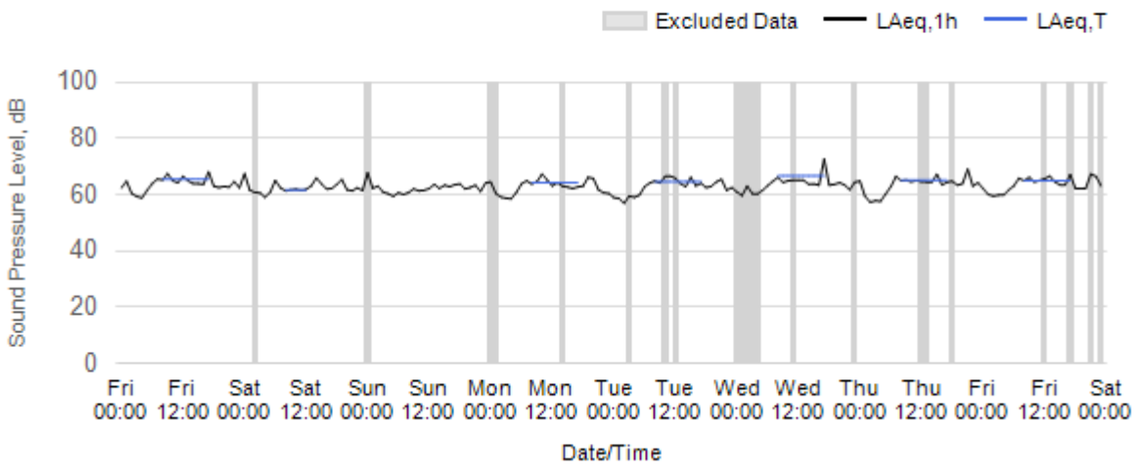
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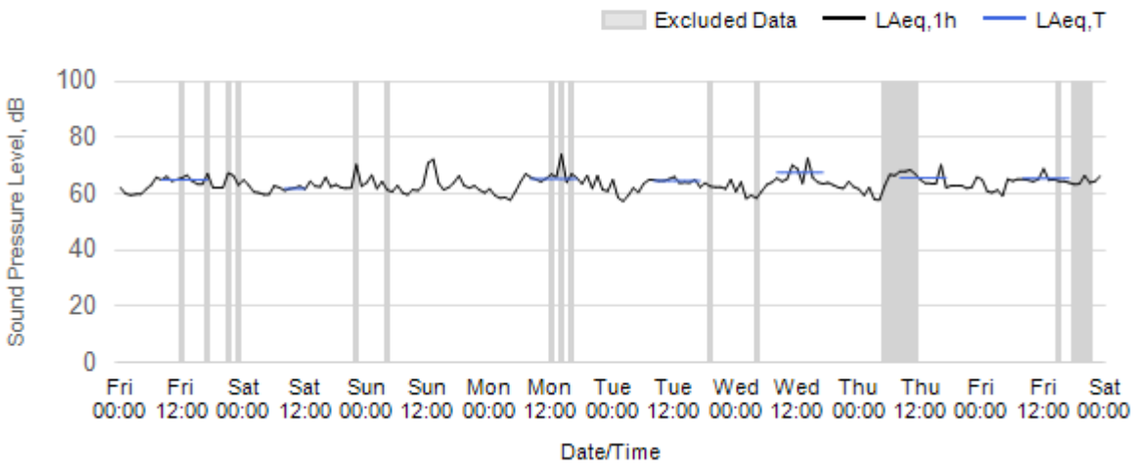
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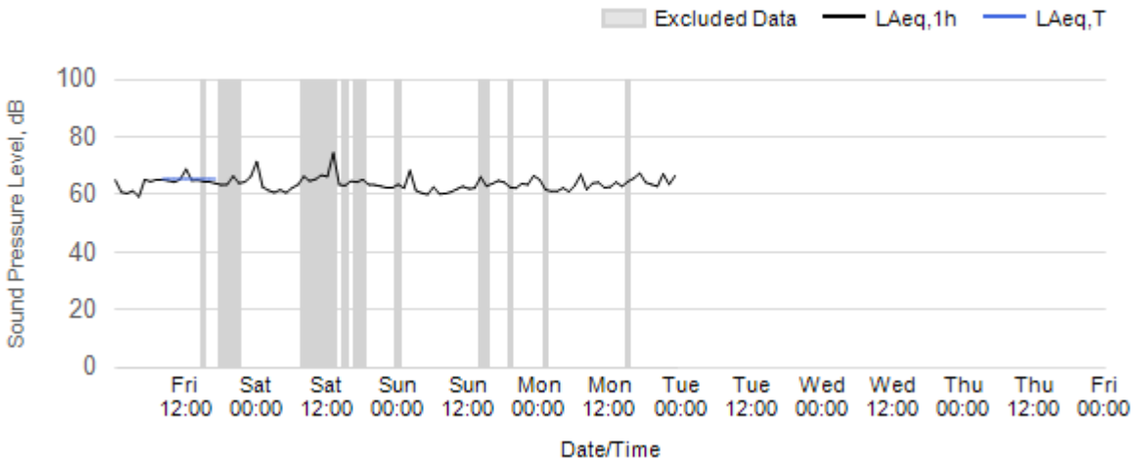
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Worksite: Euston Approaches Vehicle Holding Area Monitoring Ref: N025 22 August 2026 to 28 August 2026

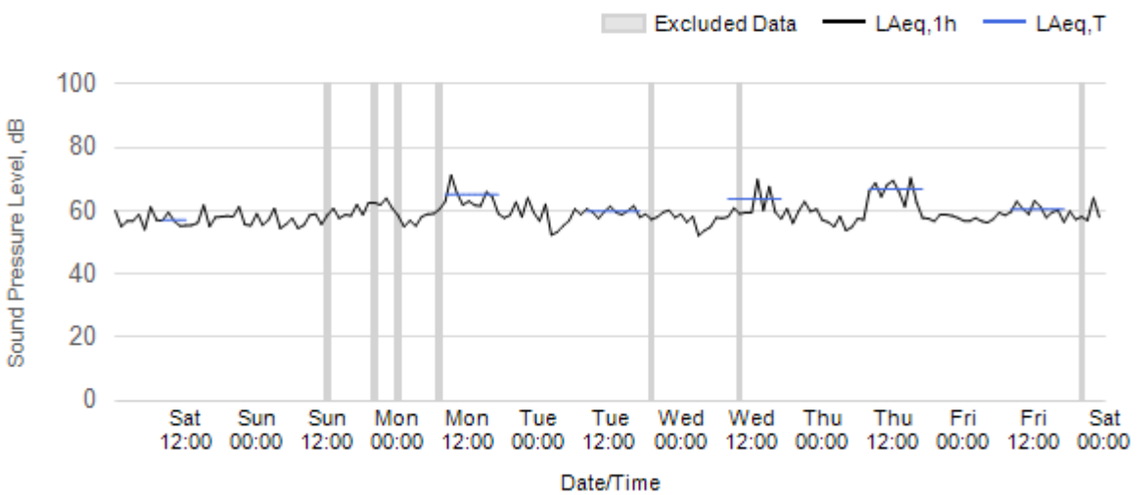


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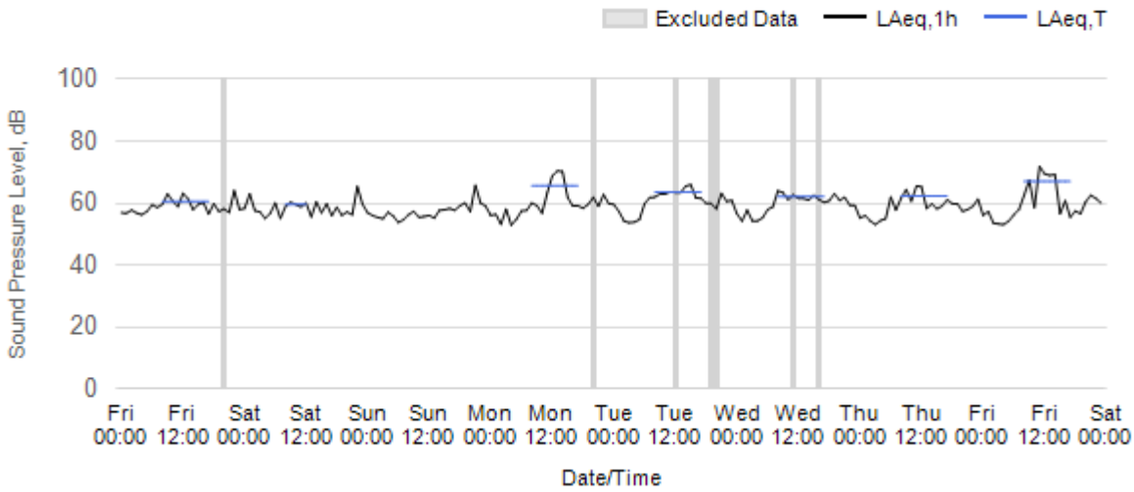


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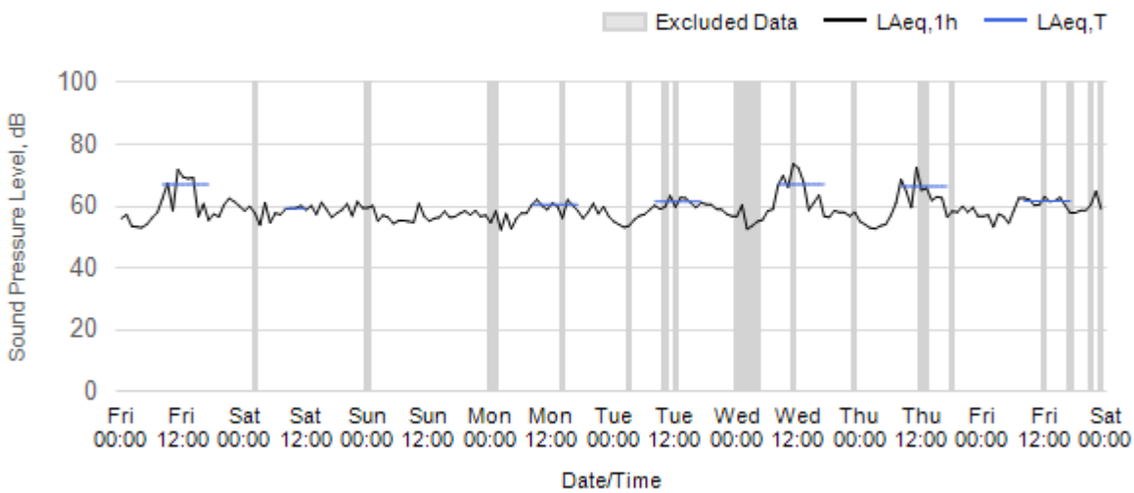
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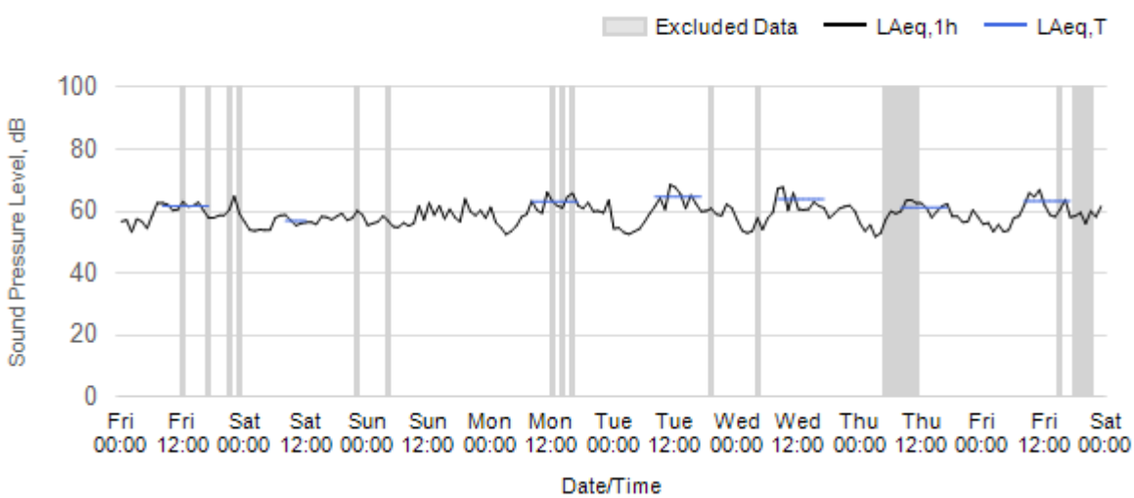
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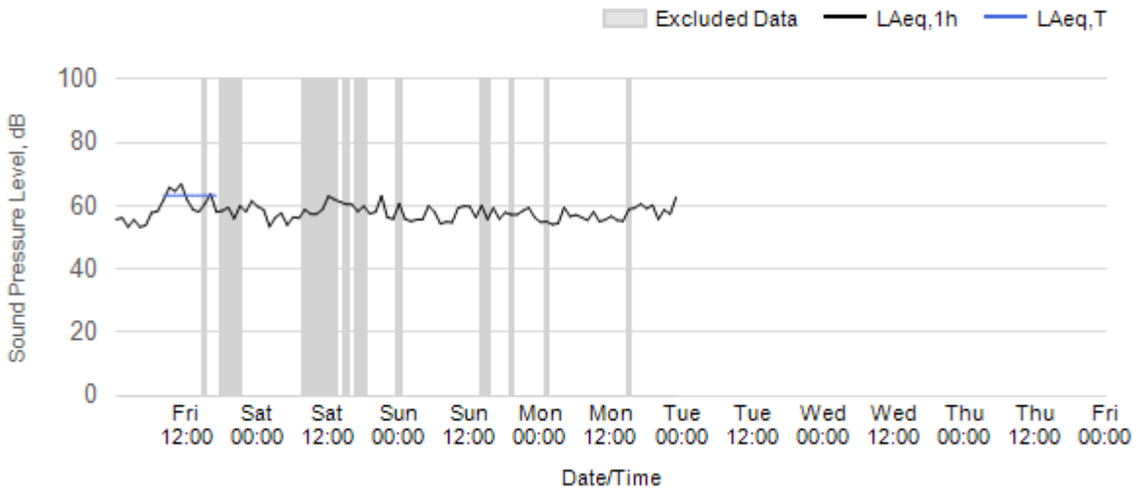
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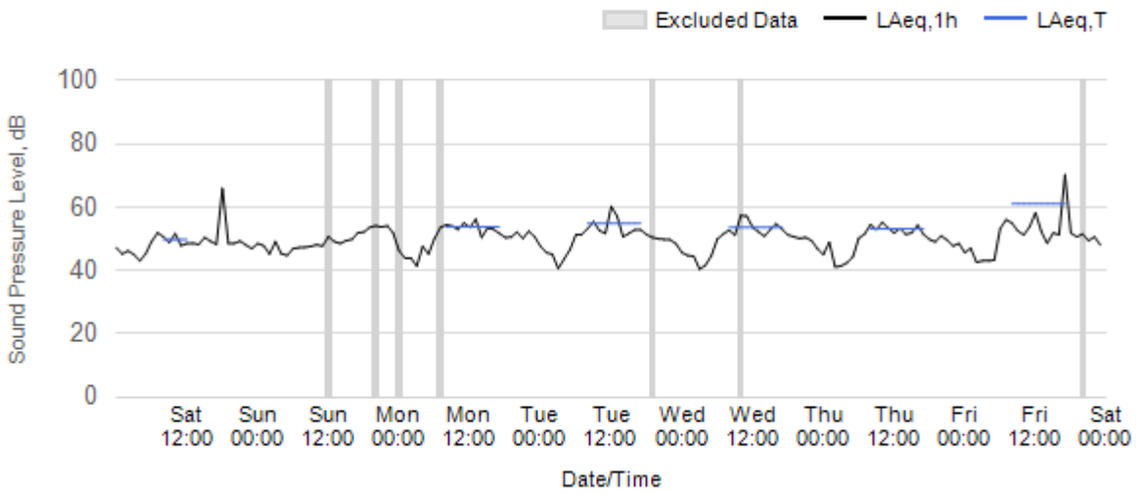


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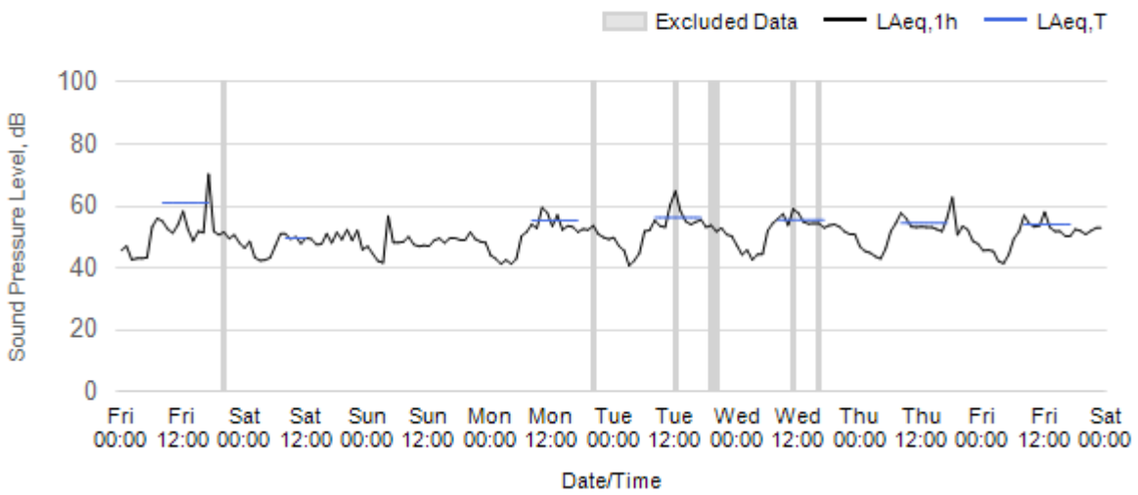


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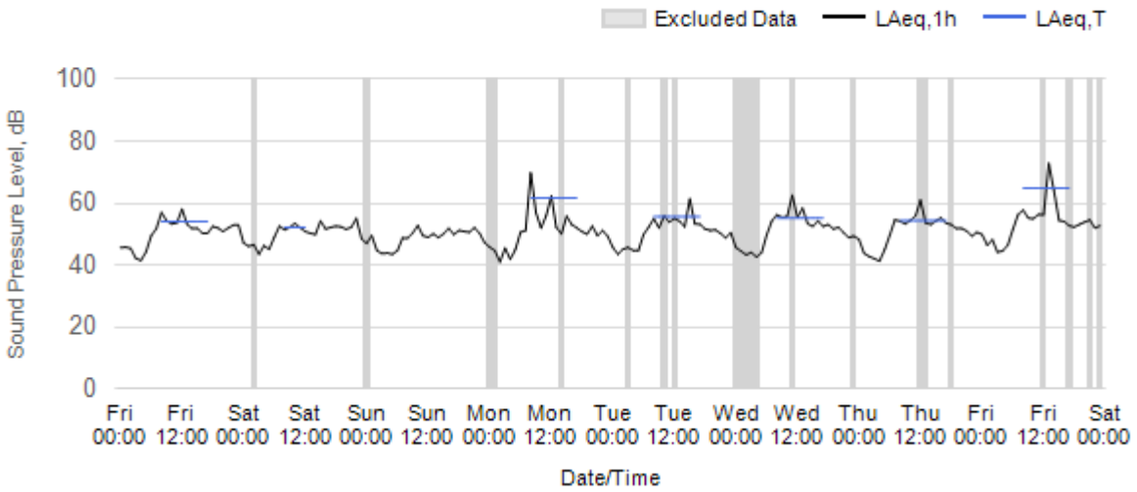
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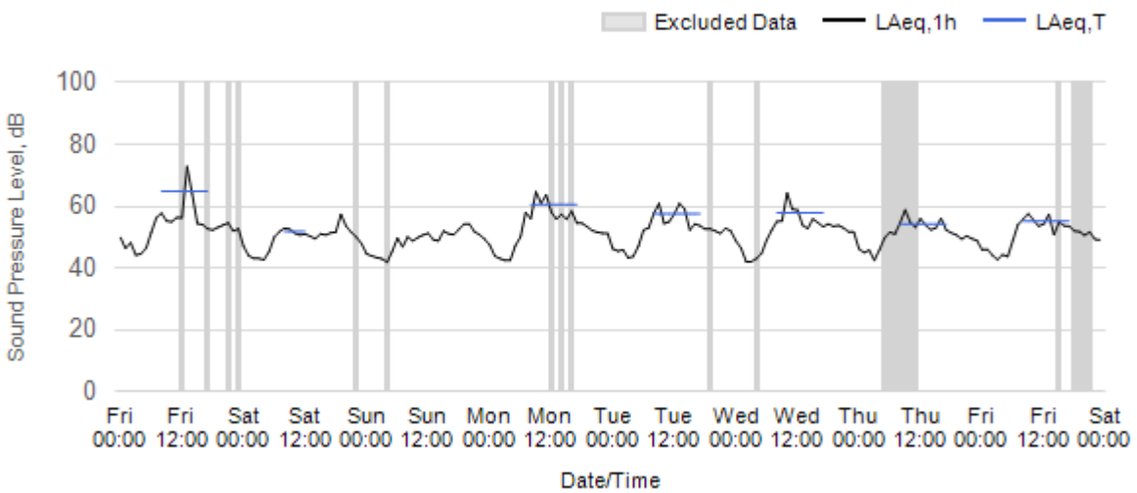
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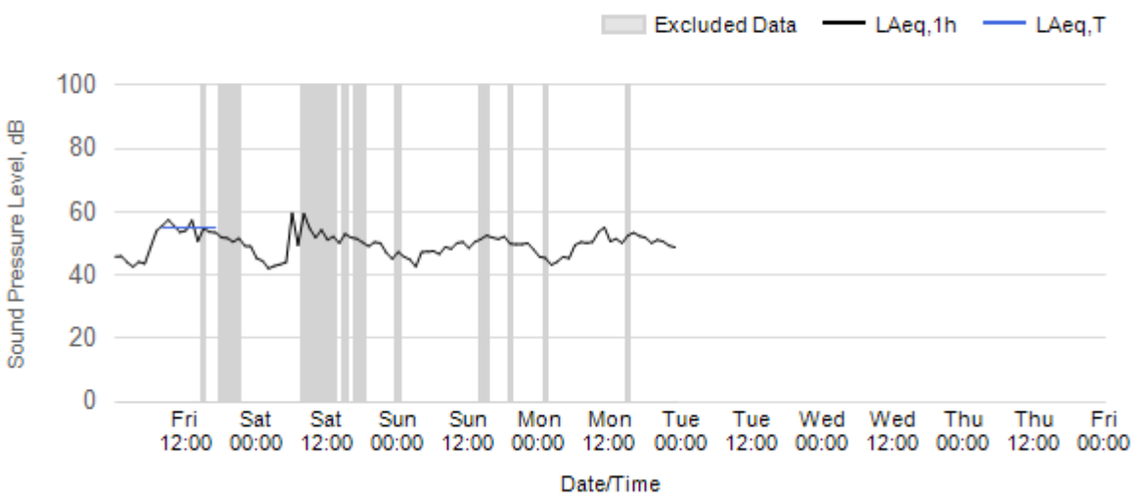
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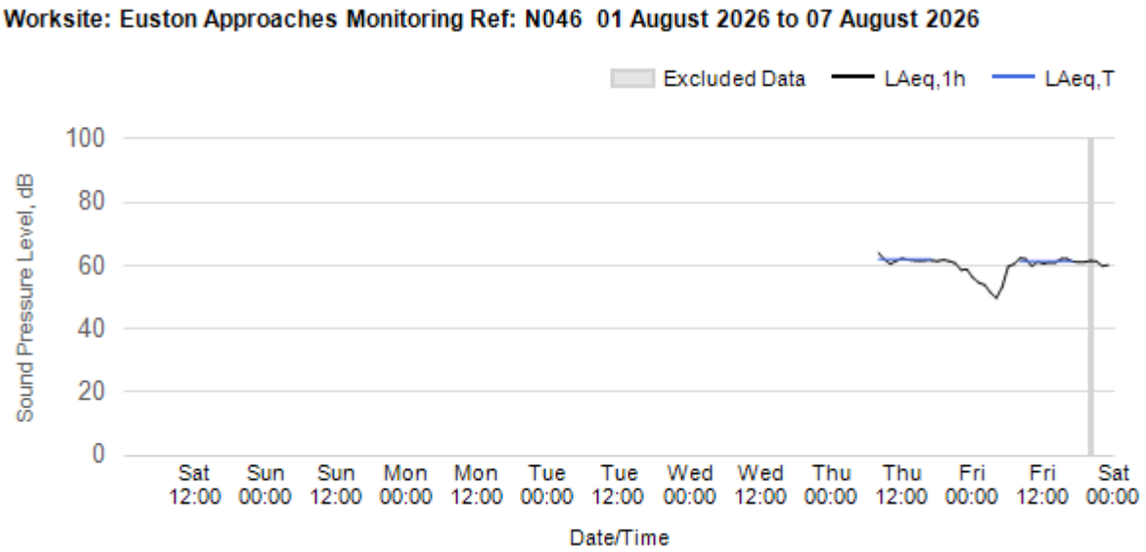
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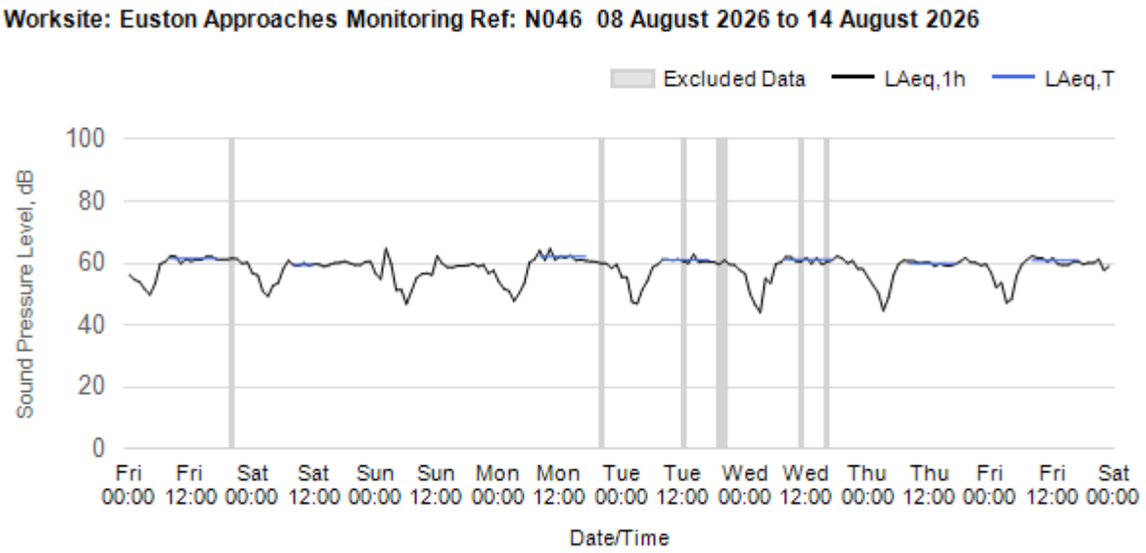
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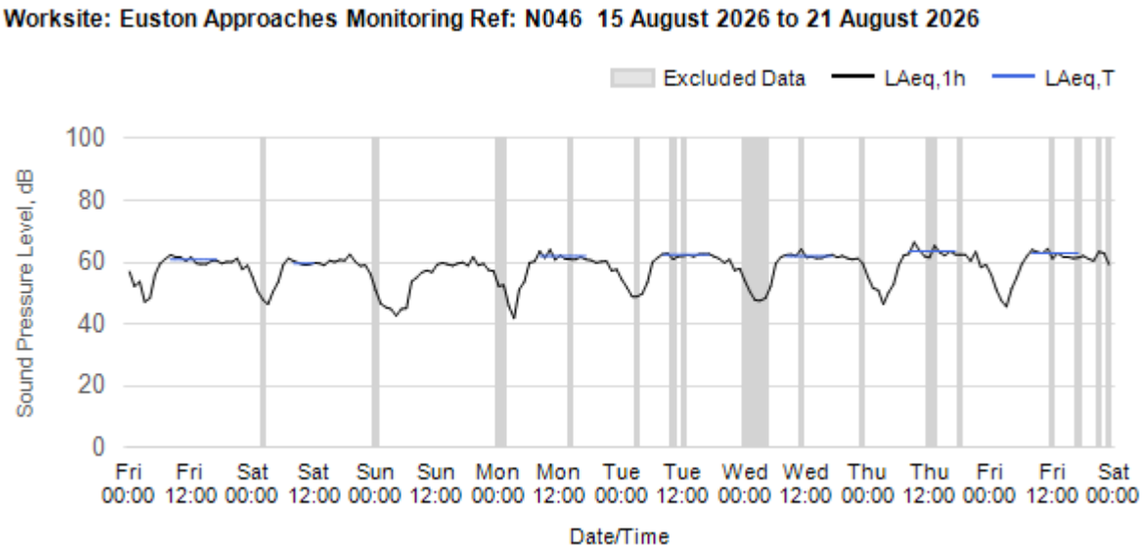


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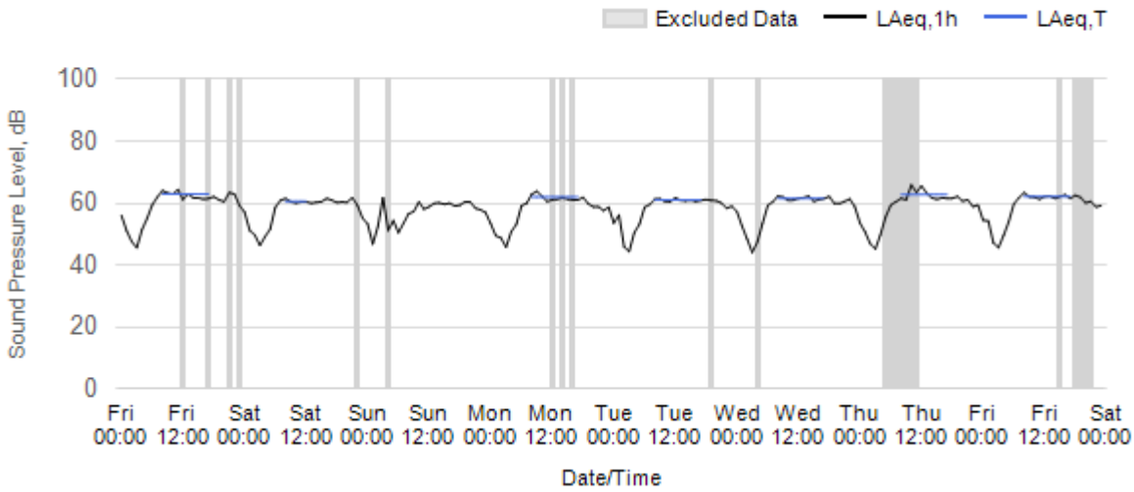


Note: Missing data due to loss of power to the lighting column which supplies power to the monitoring station.

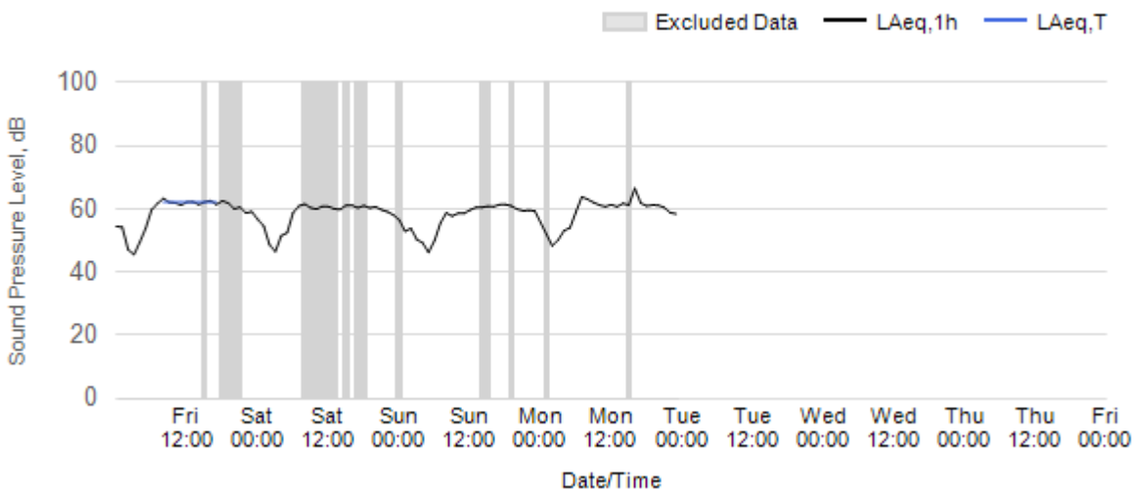




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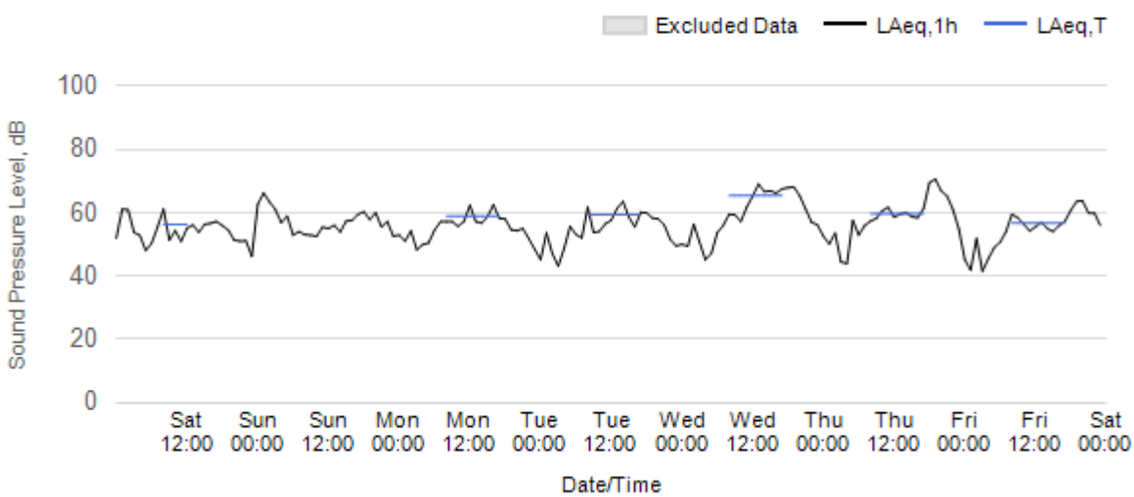


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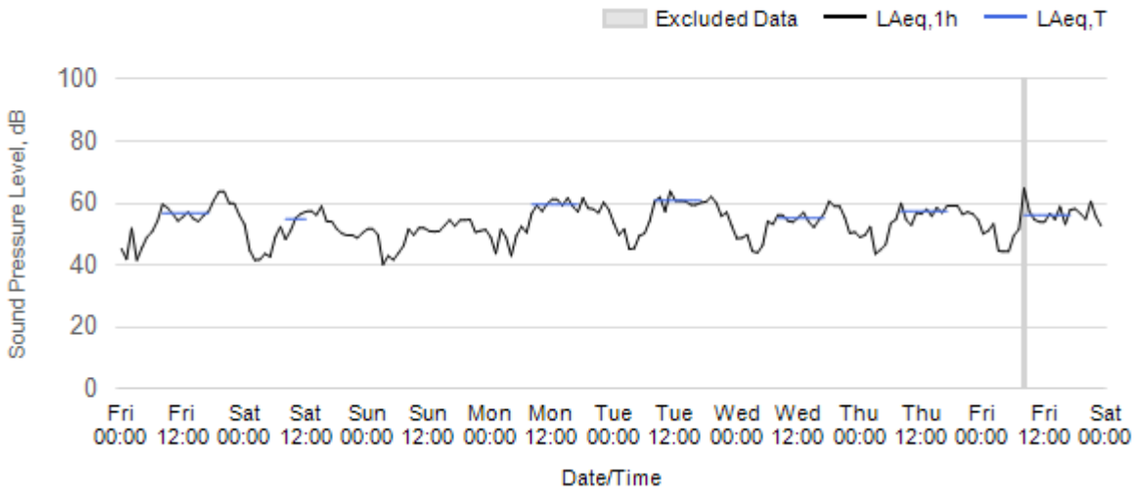


Worksite: MFOS - Monitoring Ref: N014

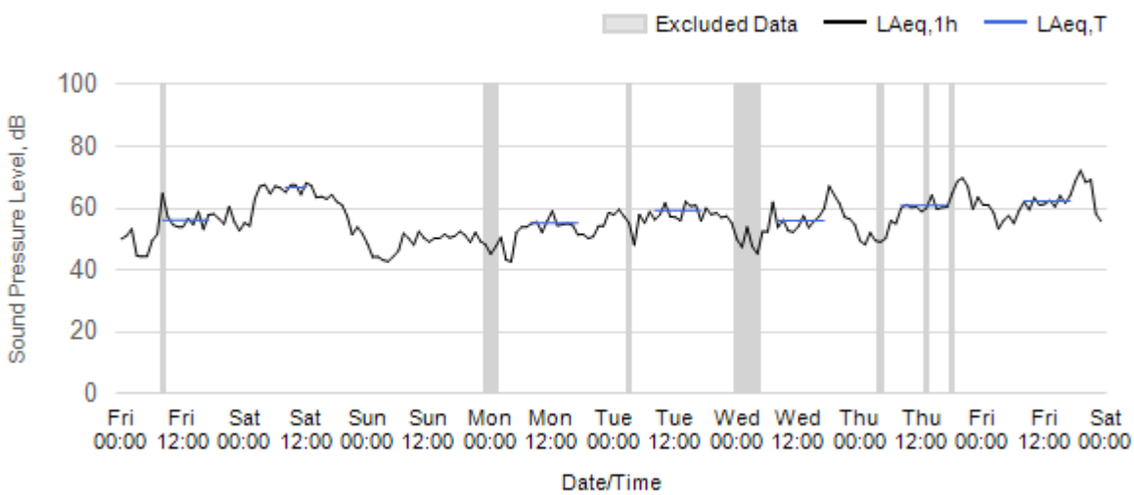
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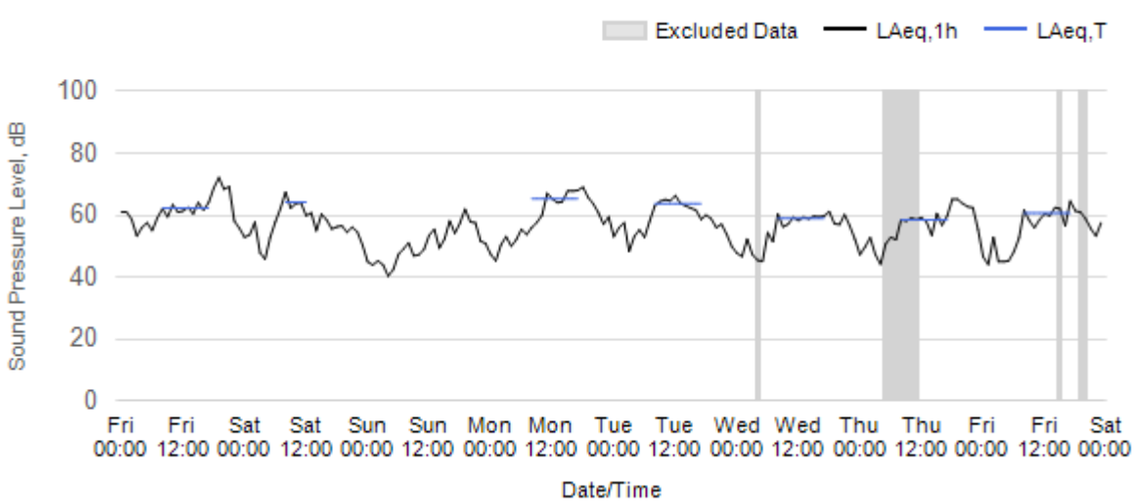
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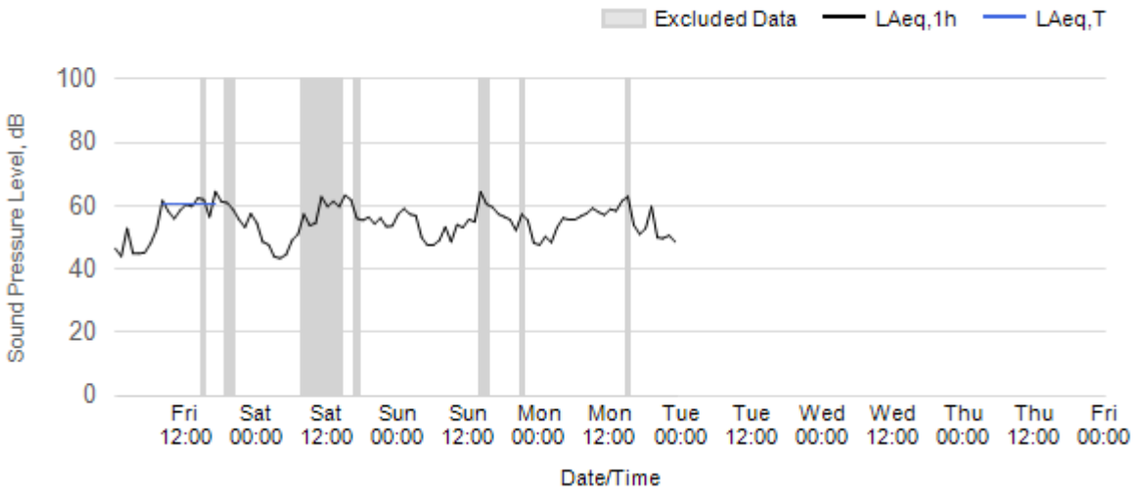
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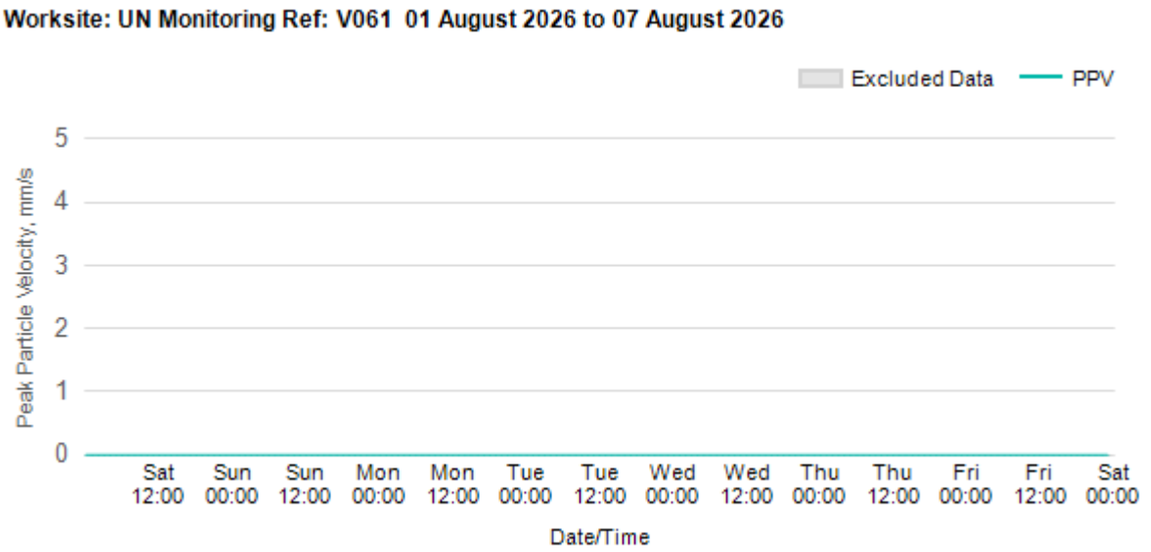
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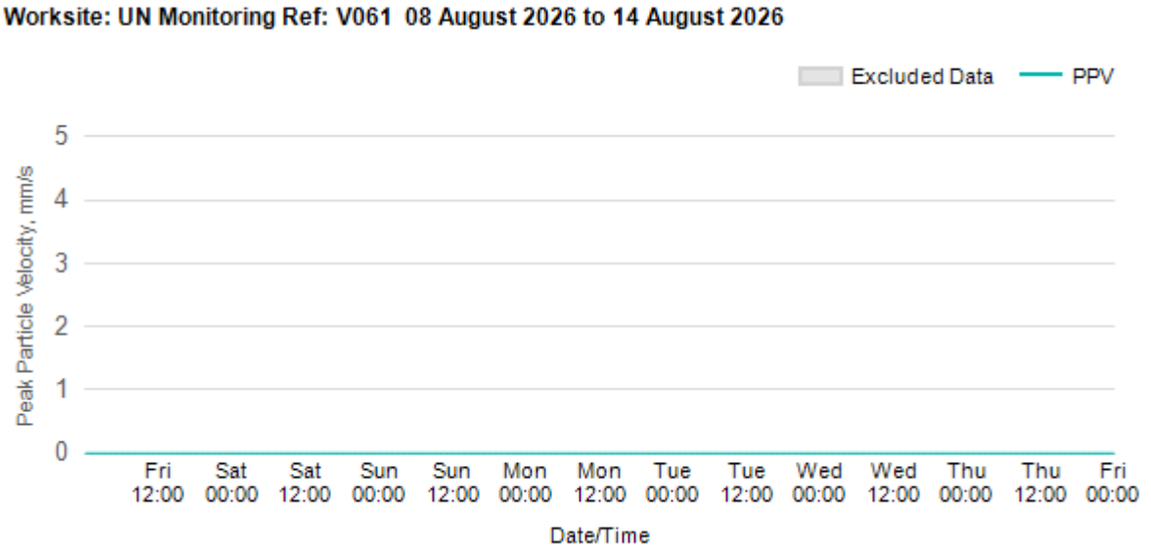


Vibration

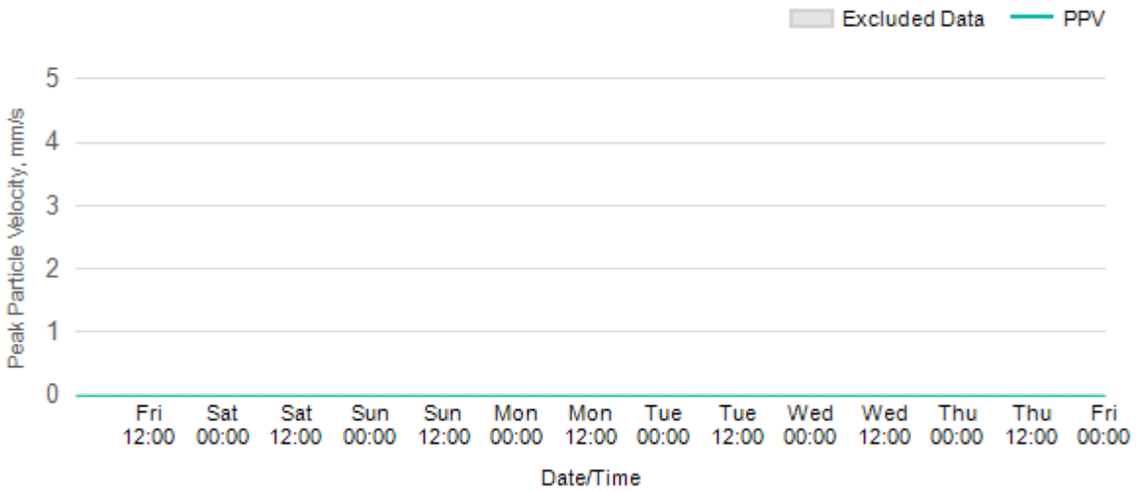
The following graphs show the hourly measured peak particle velocity PPV recorded during the monitoring period. The graphs show the resultant PPV due to vibration components on three orthogonal axis x, y and z. Where high values of PPV were caused by local interference with the vibration monitor, which are not representative of HS2 construction works, these values have been greyed out in the following charts and have been excluded to calculate values in Table 4 of the main report.

Worksite: UN - Monitoring Ref: V061

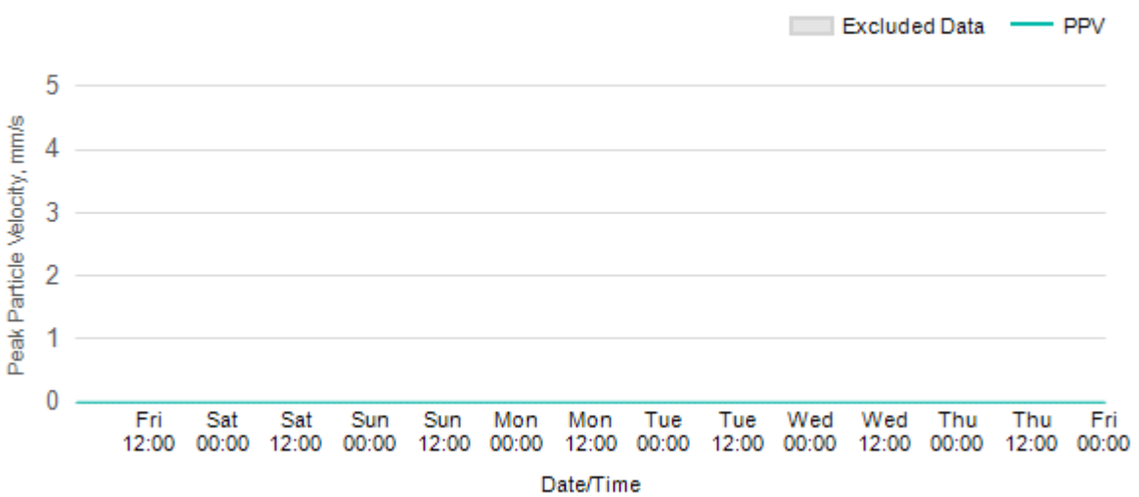




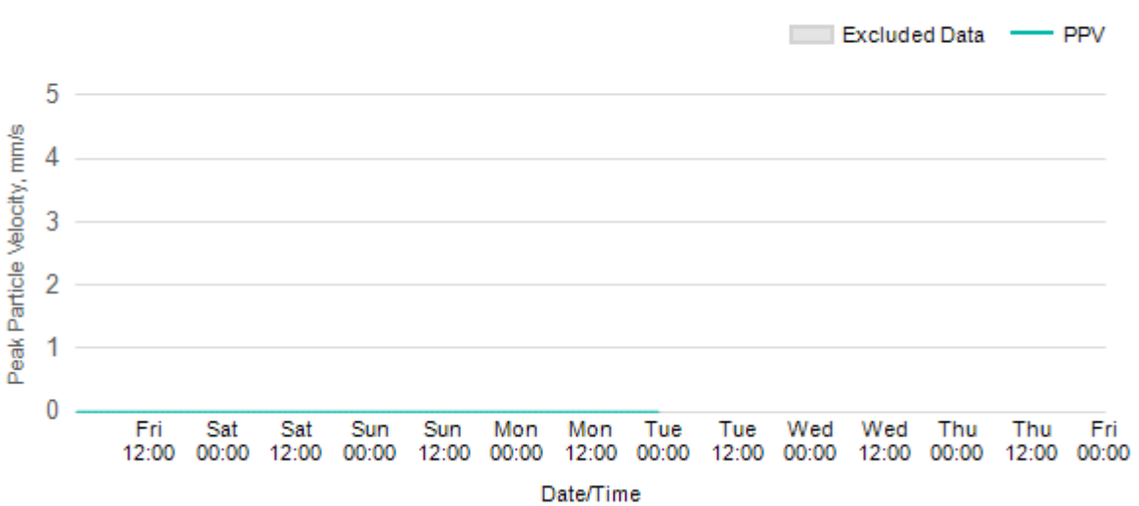
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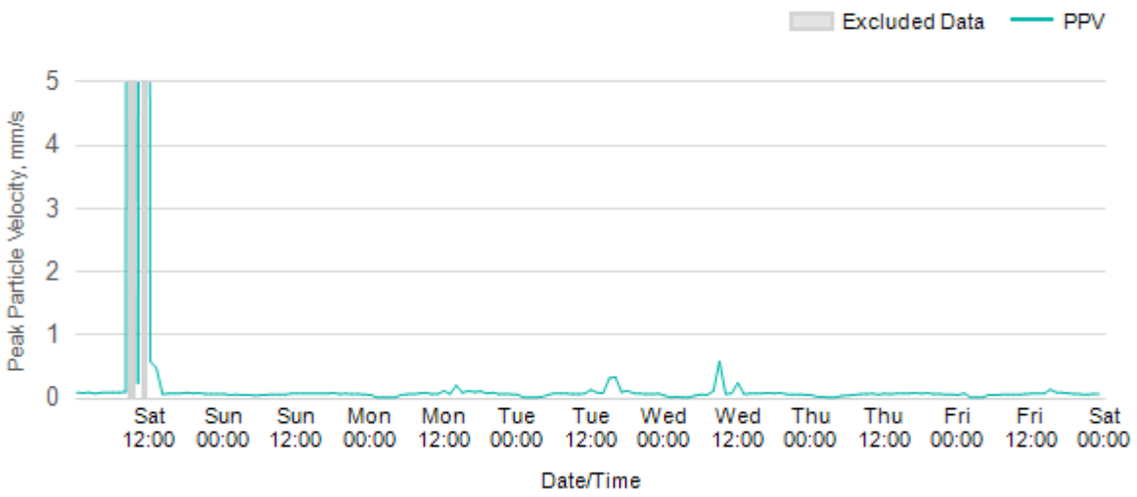


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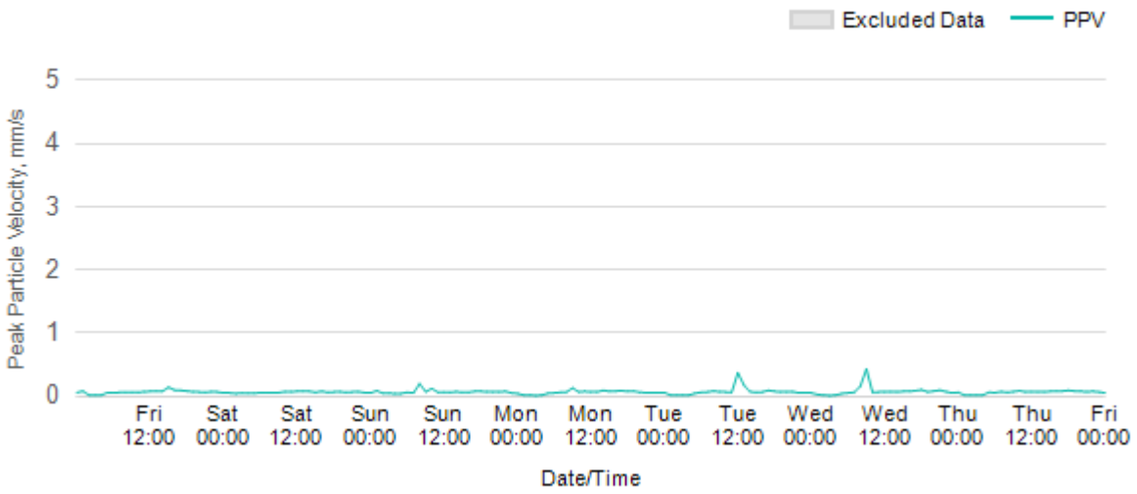


Worksite: TSS - Monitoring Ref: V002

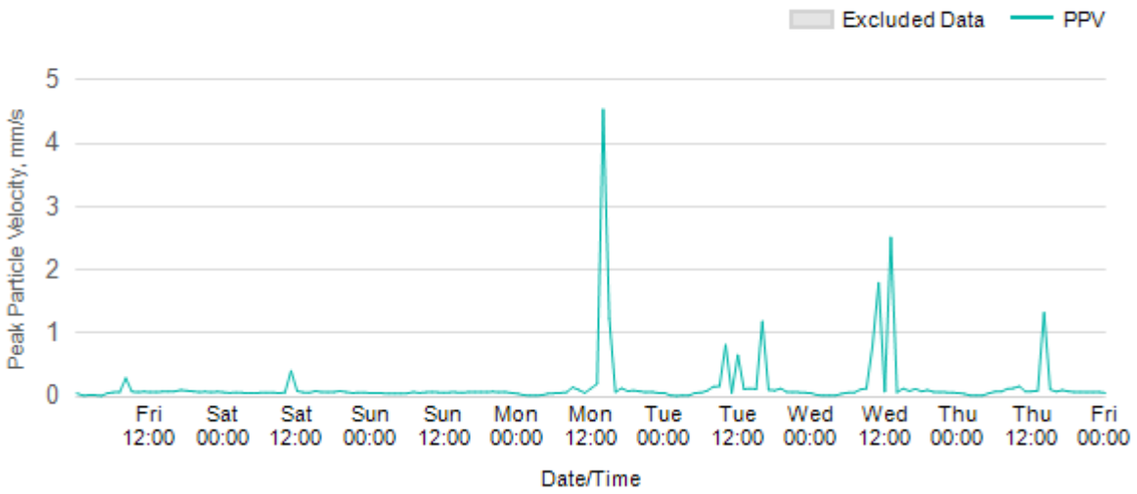
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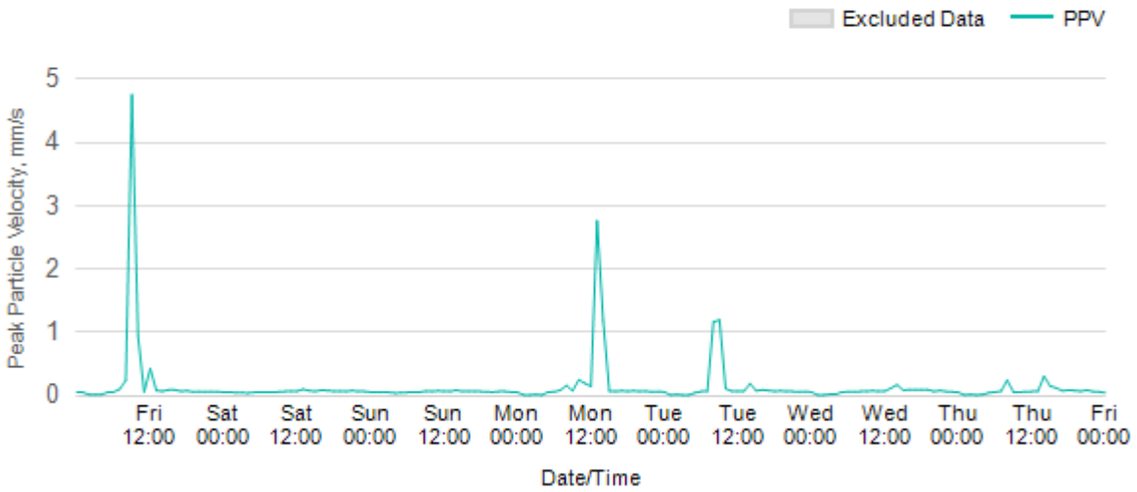
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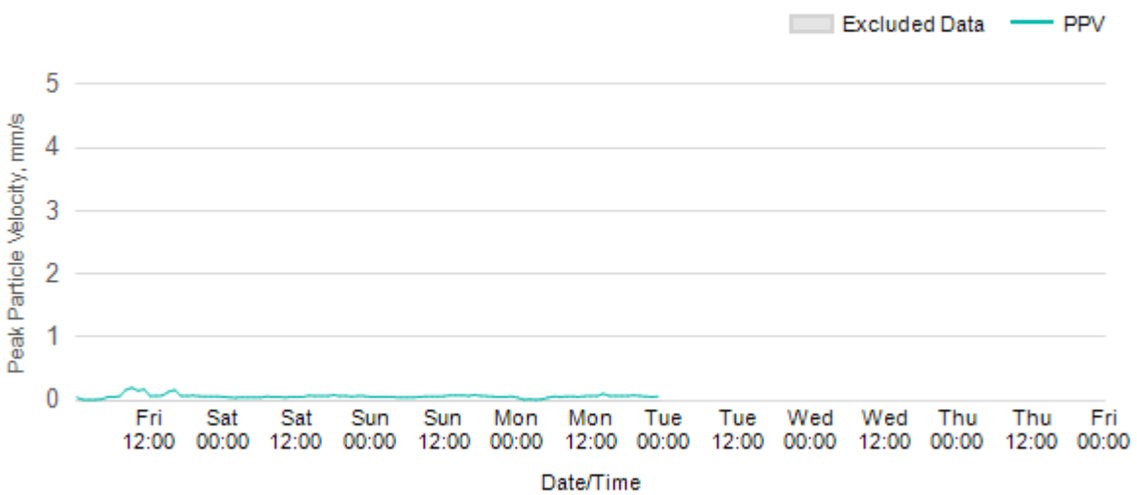
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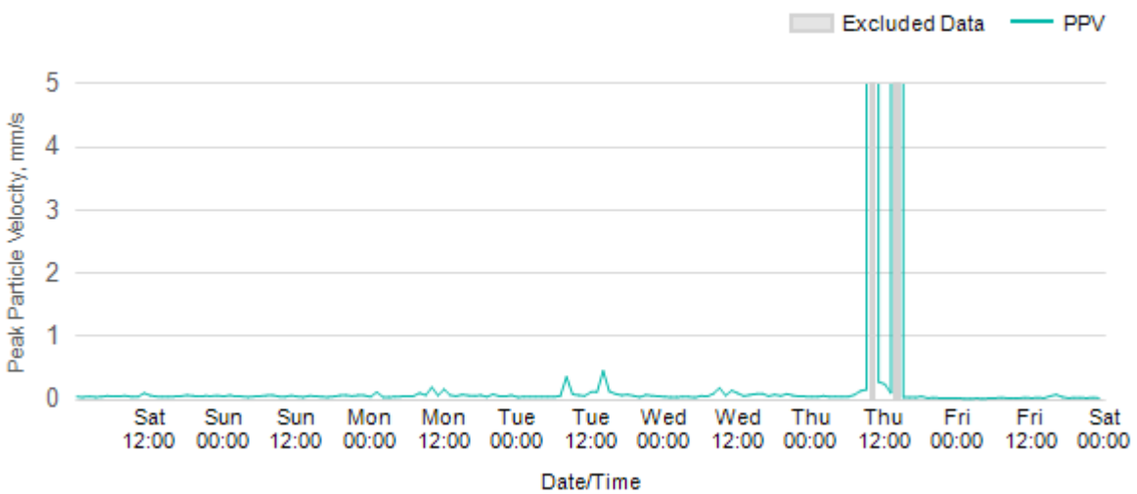


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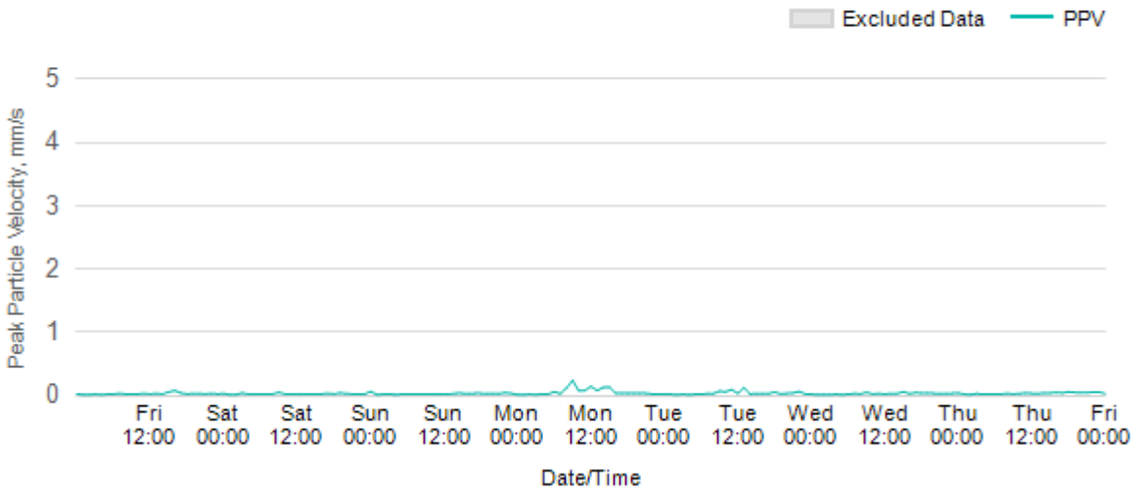


Worksite: ETD, WTR - Monitoring Ref: V003

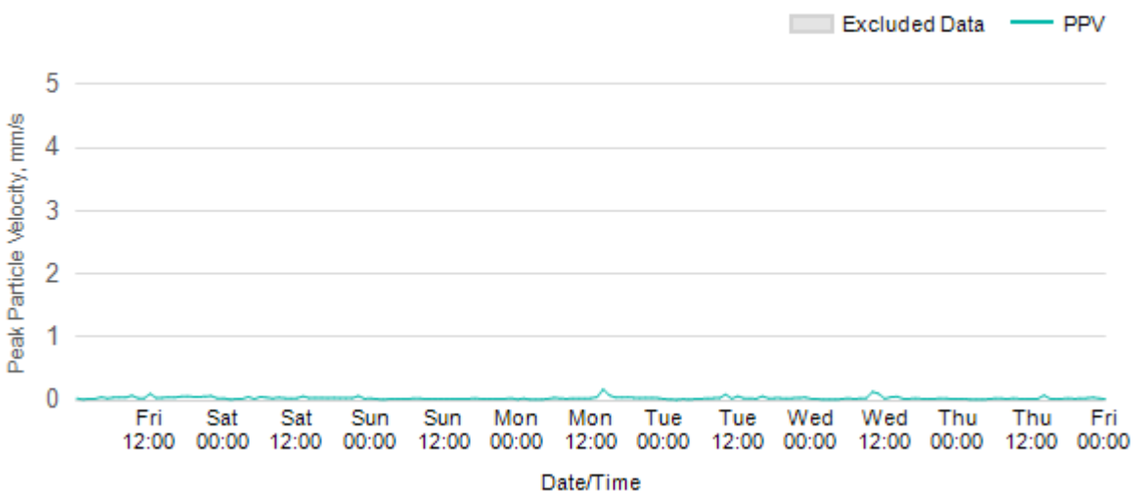
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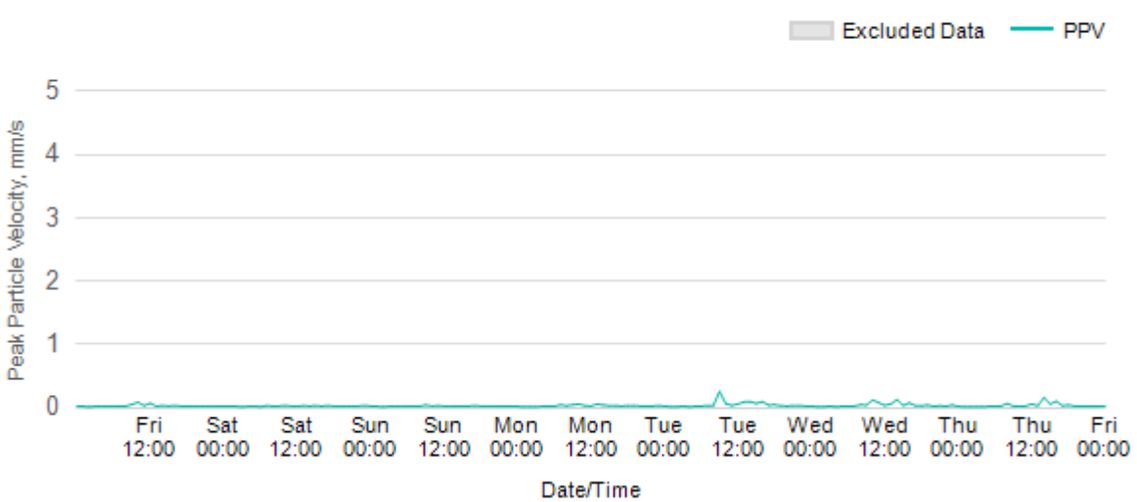
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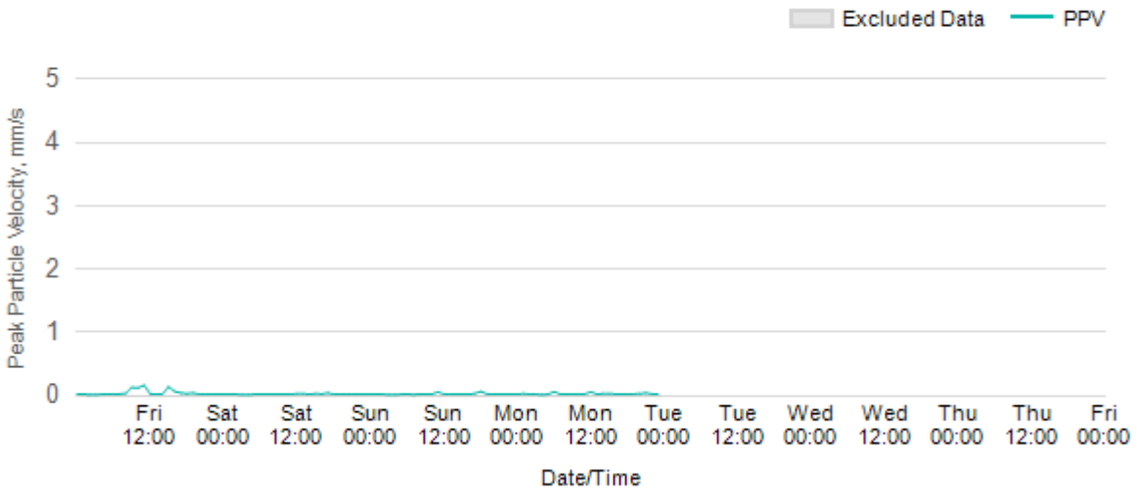
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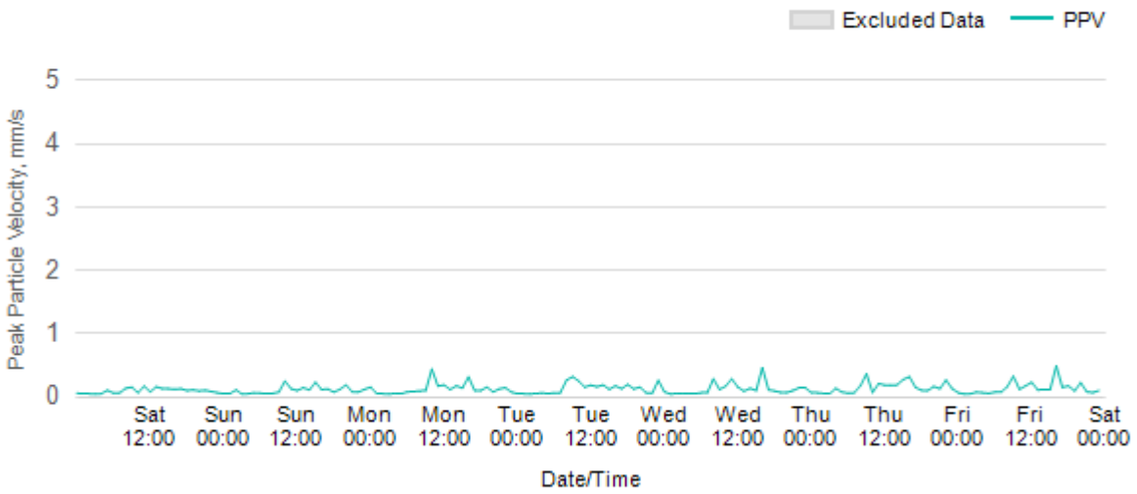


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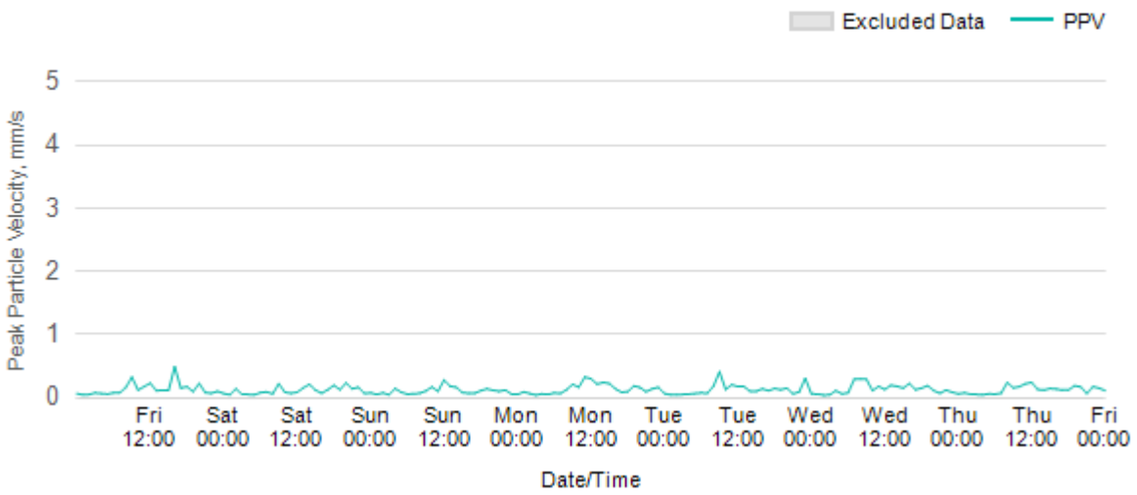


Worksite: NTH-EN - Monitoring Ref: V021

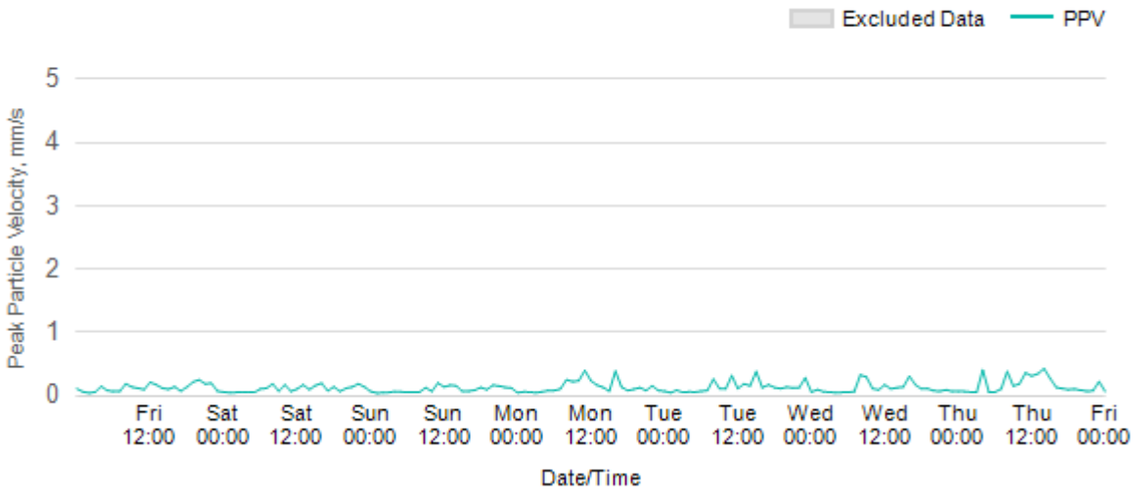
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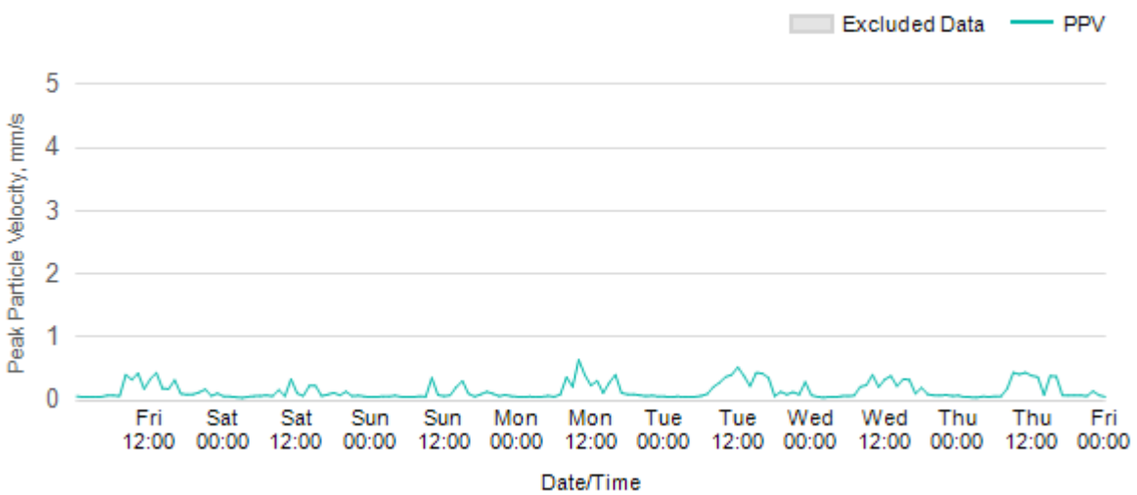
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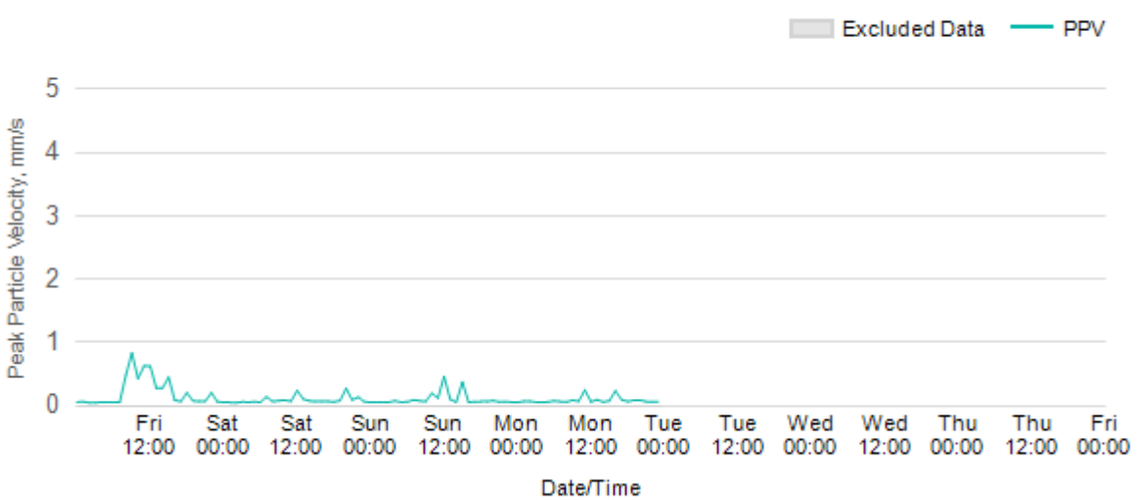
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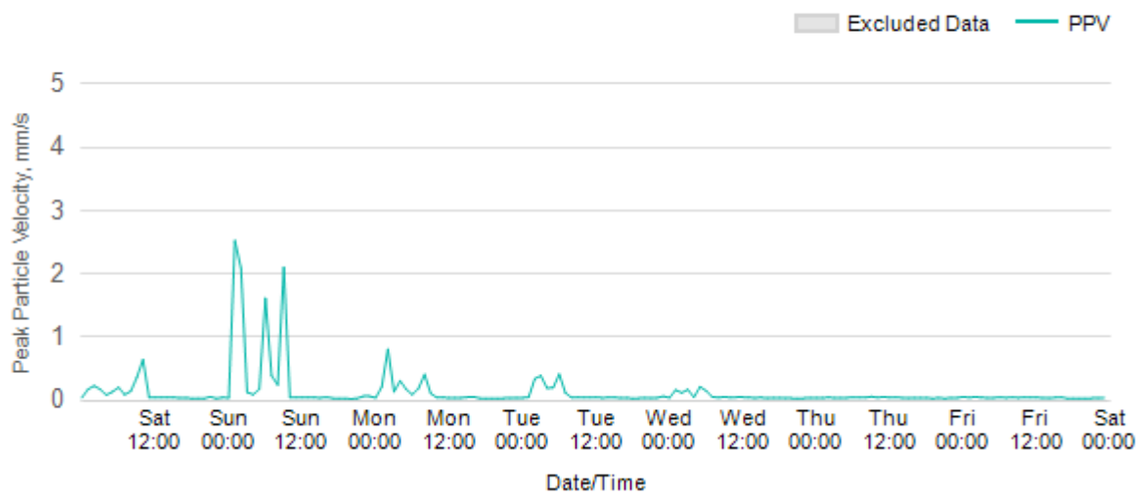


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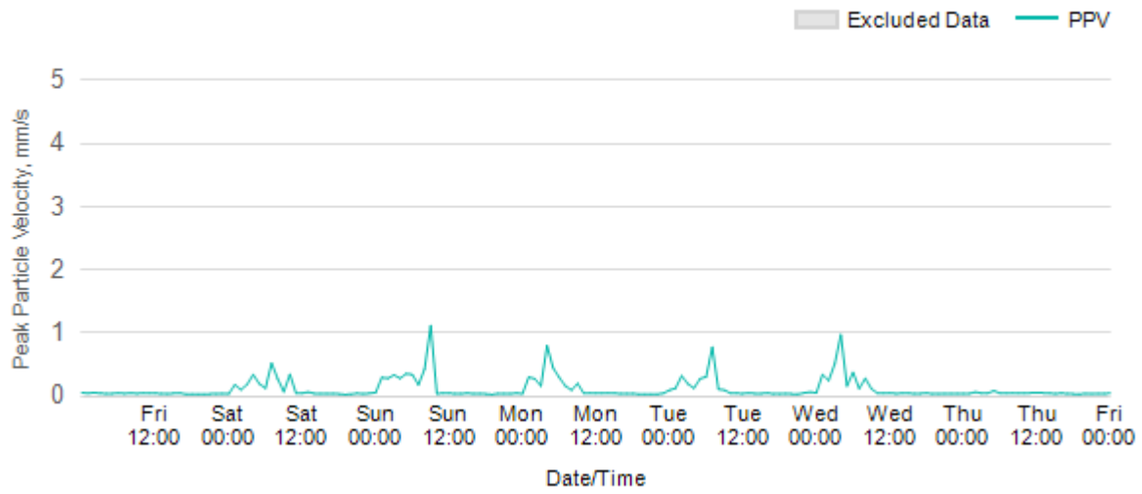


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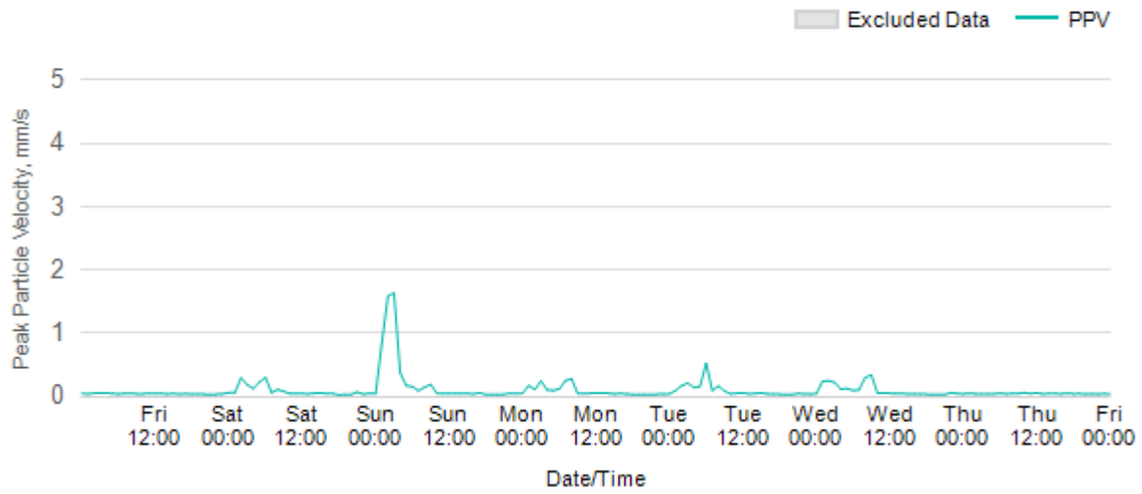
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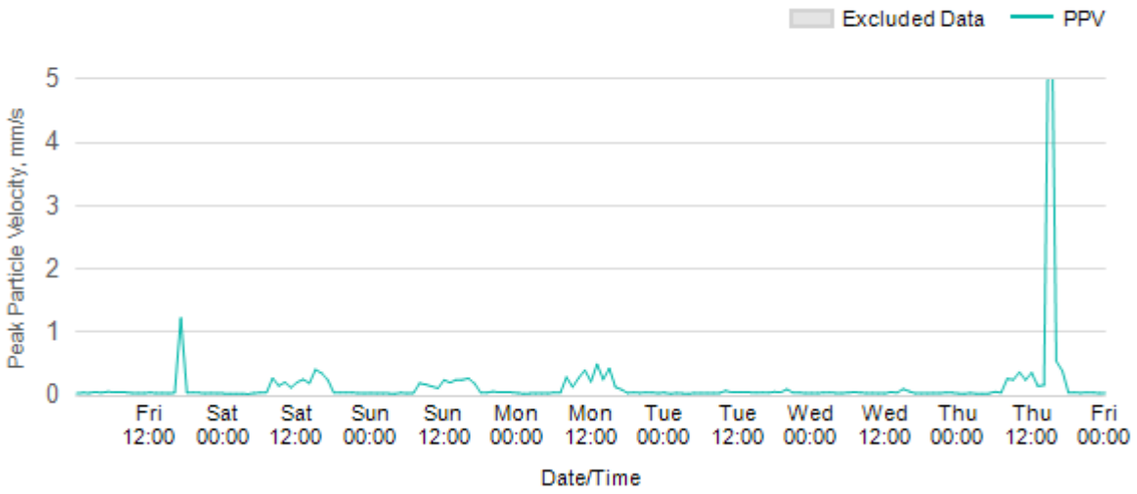
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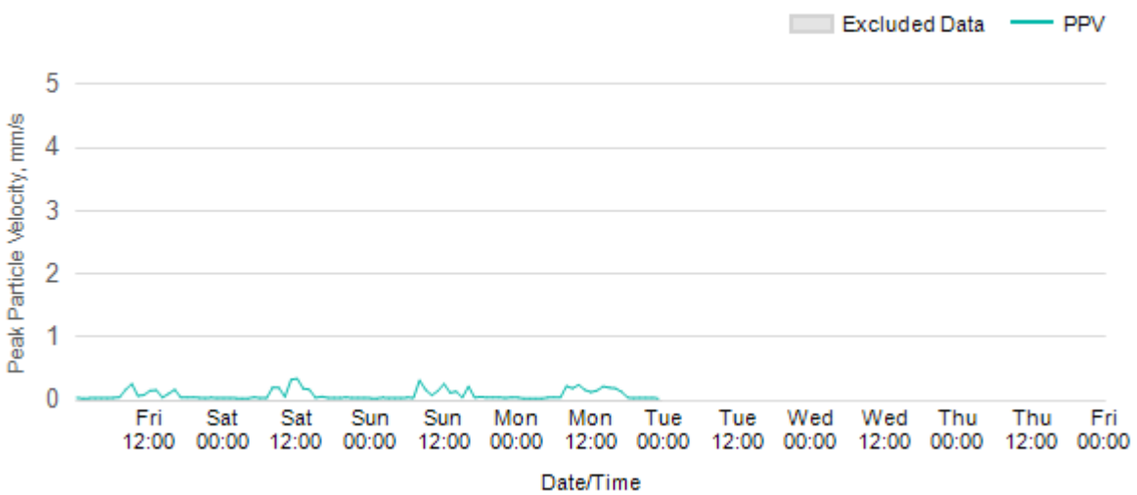
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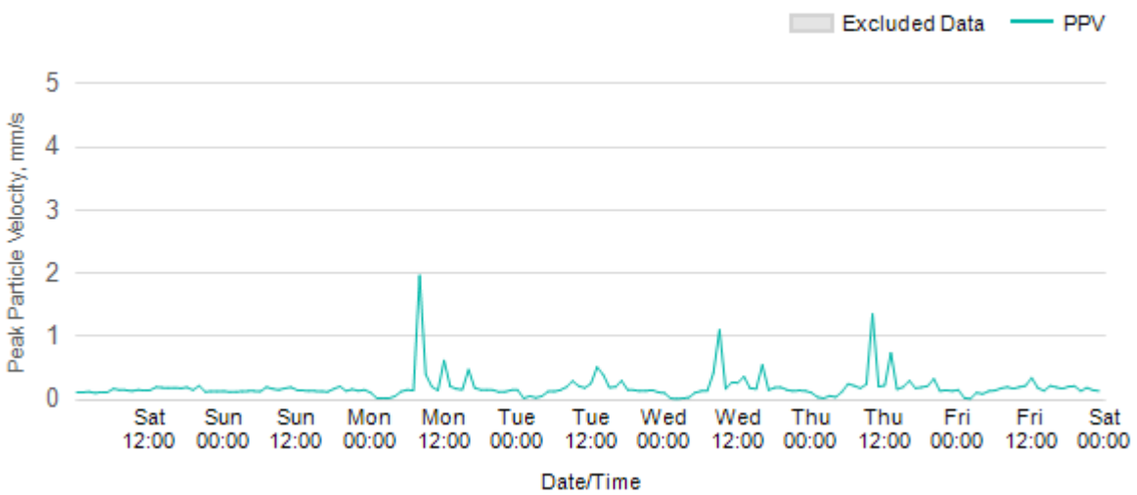


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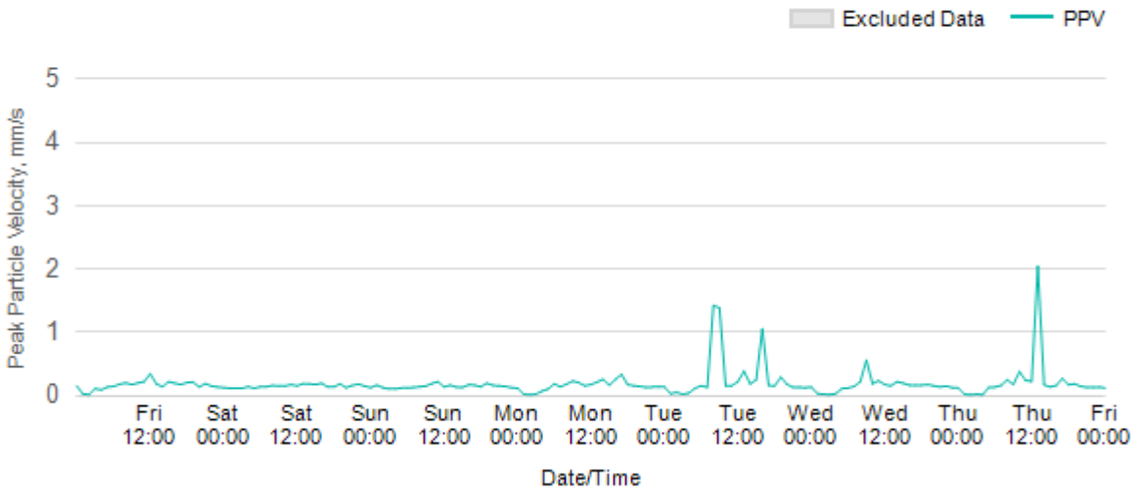


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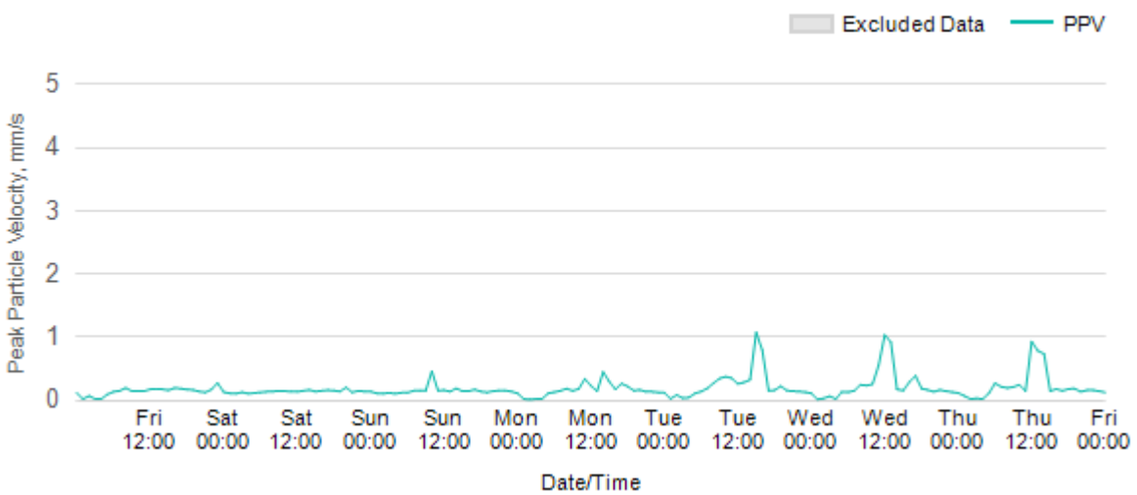
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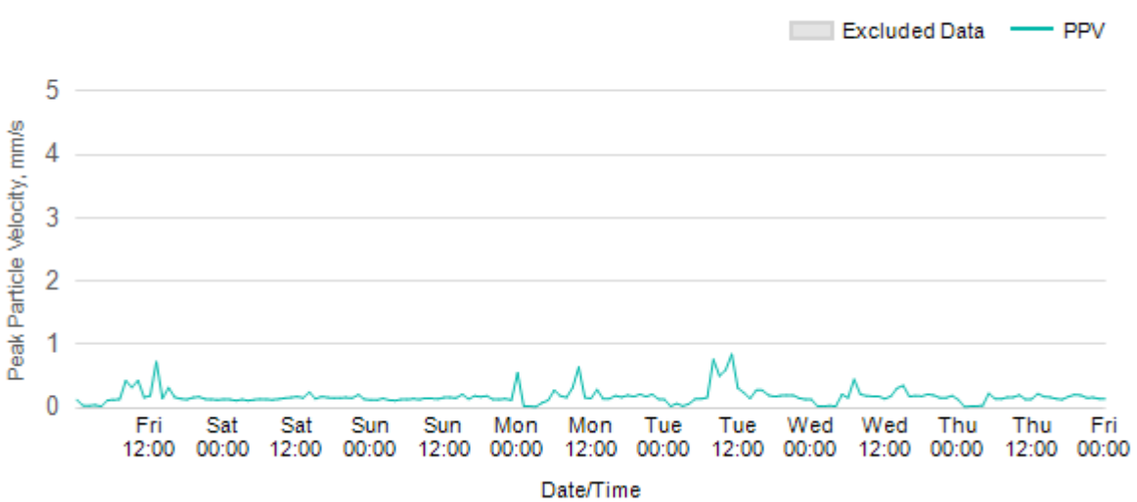
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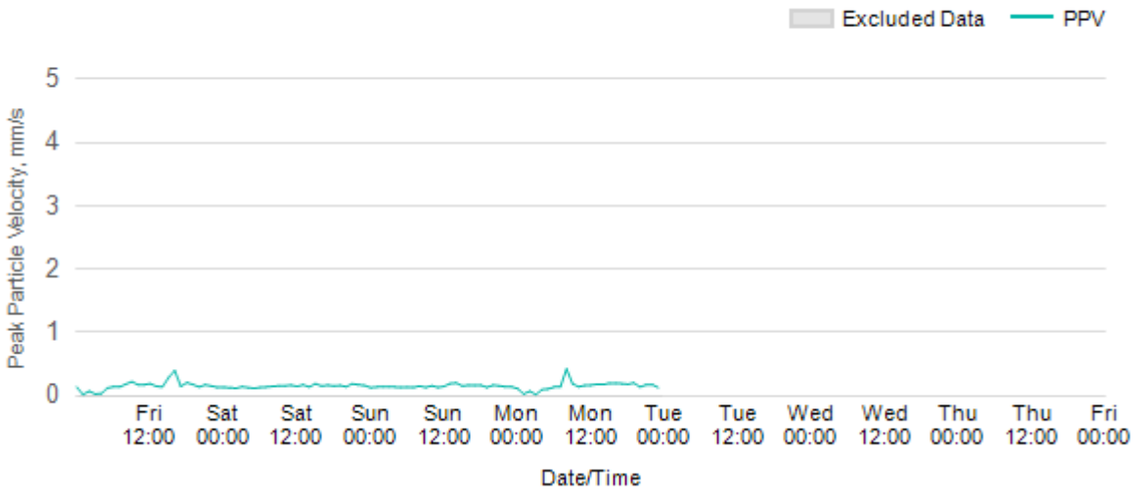
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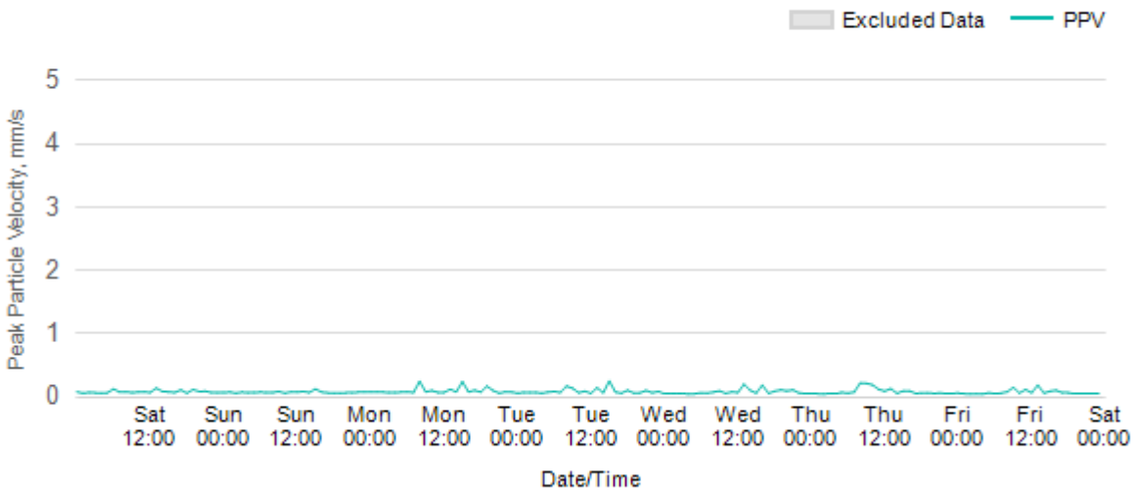


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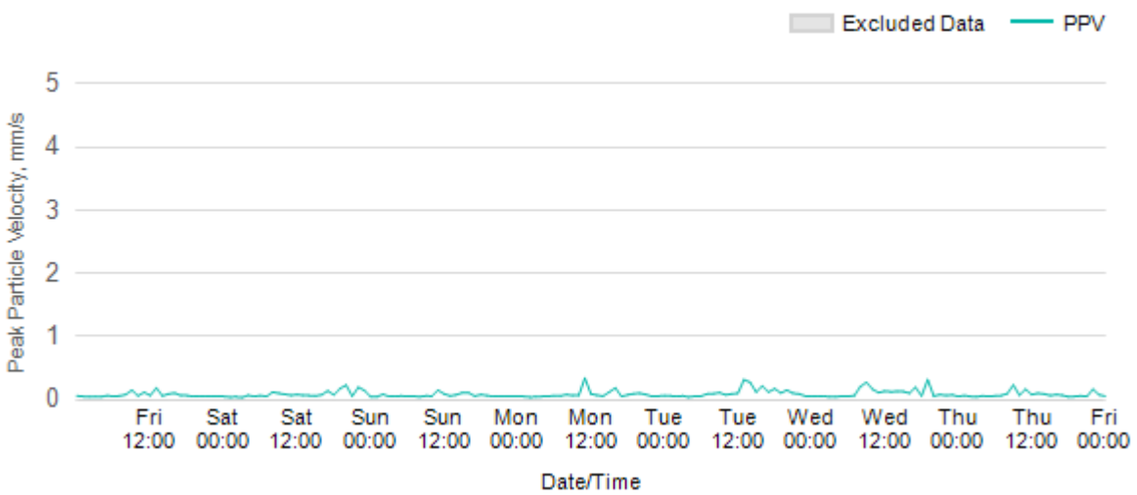


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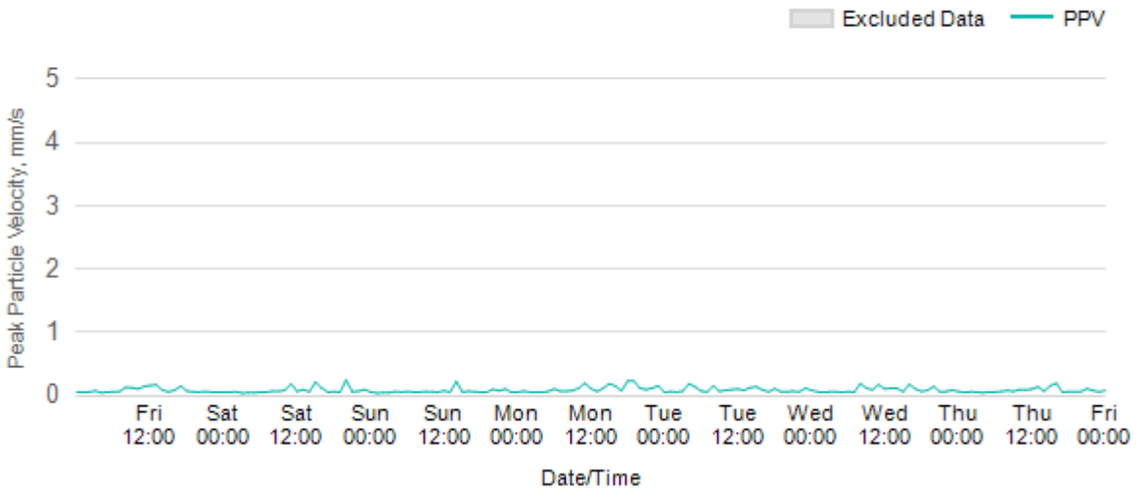
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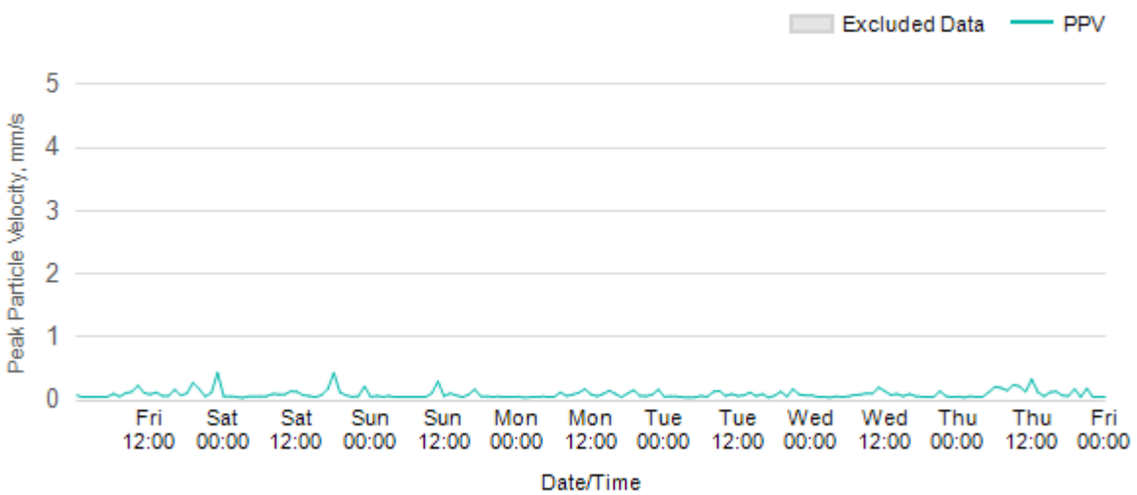
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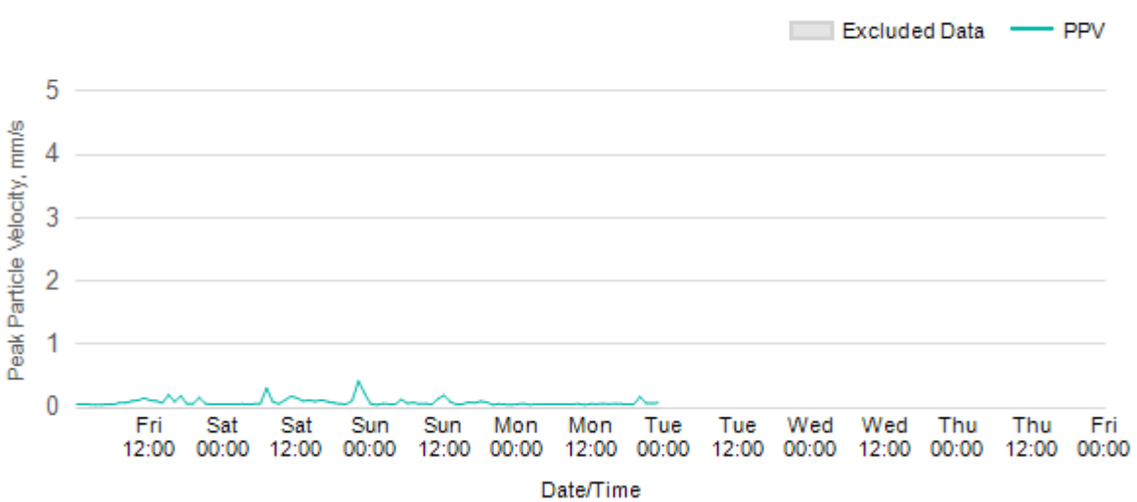
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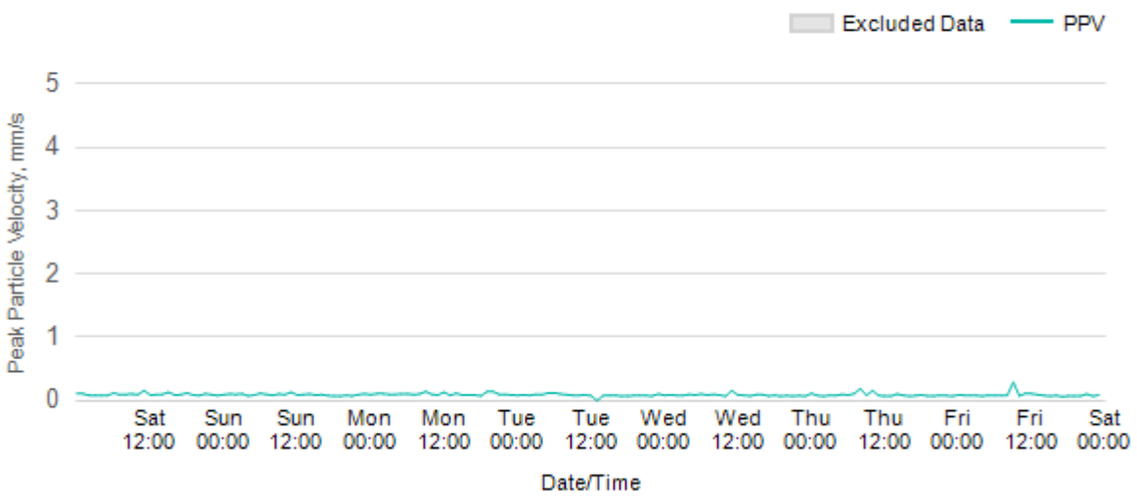


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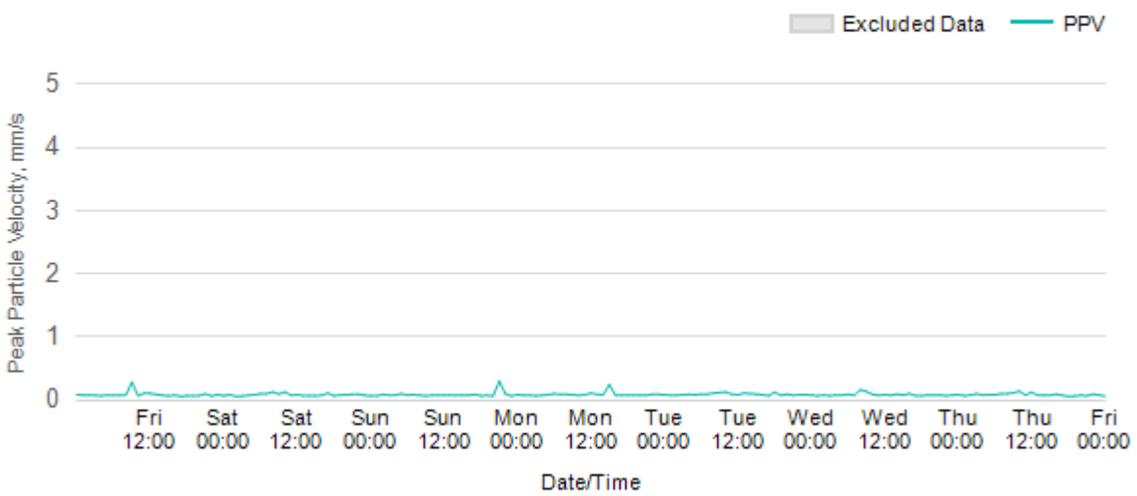


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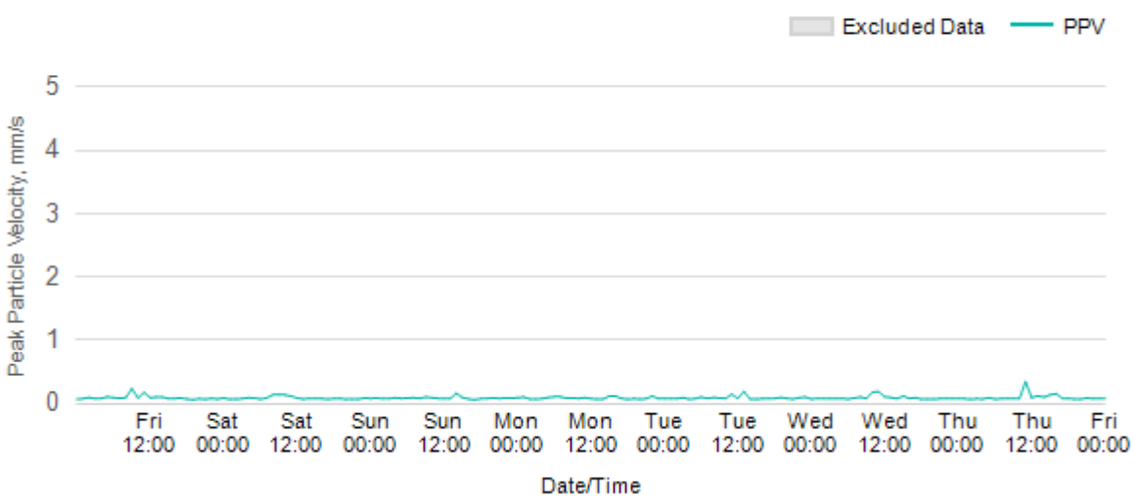
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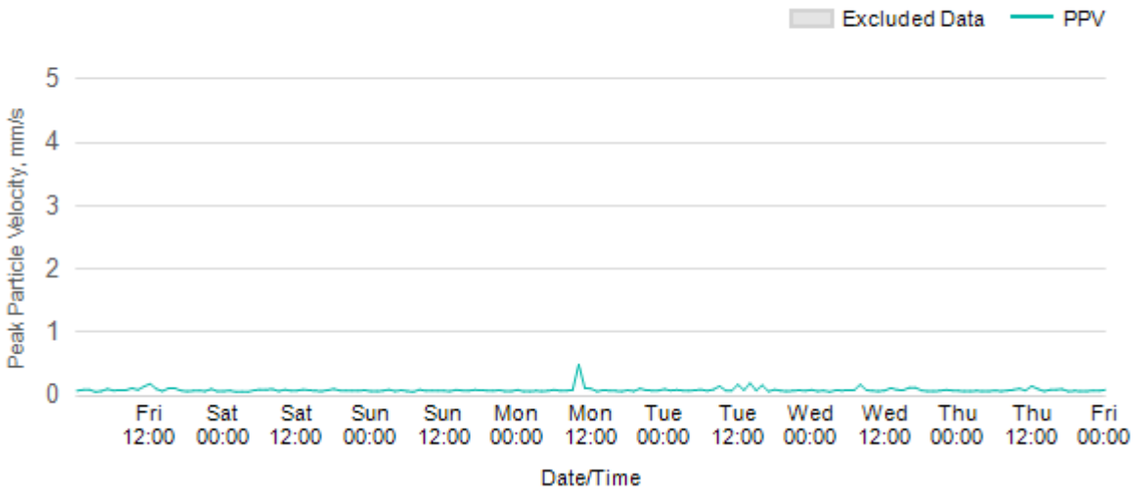
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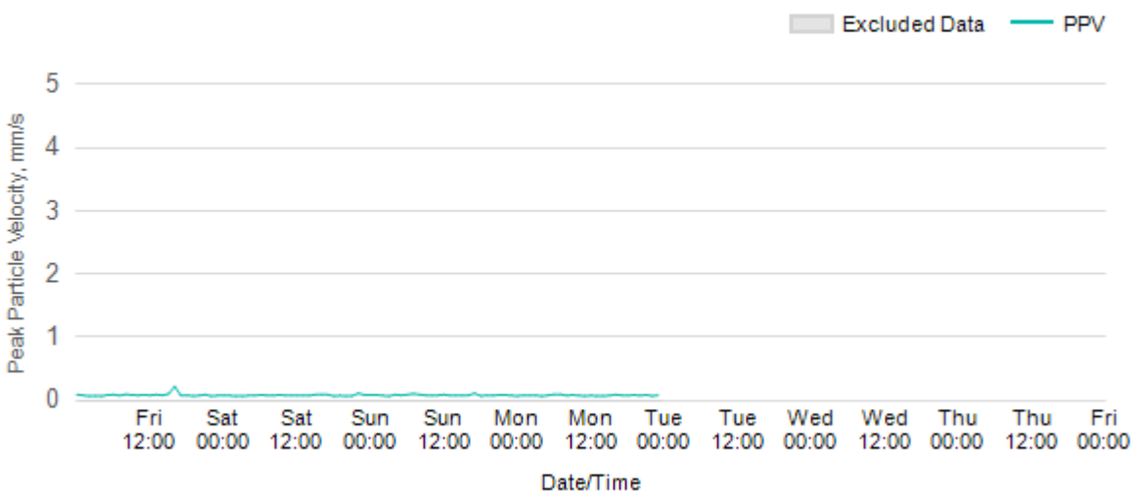
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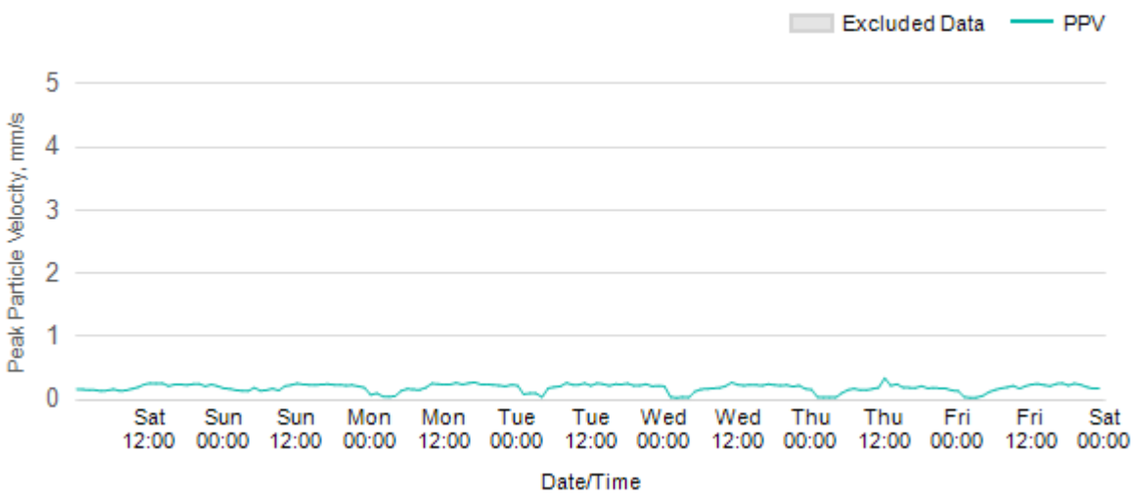


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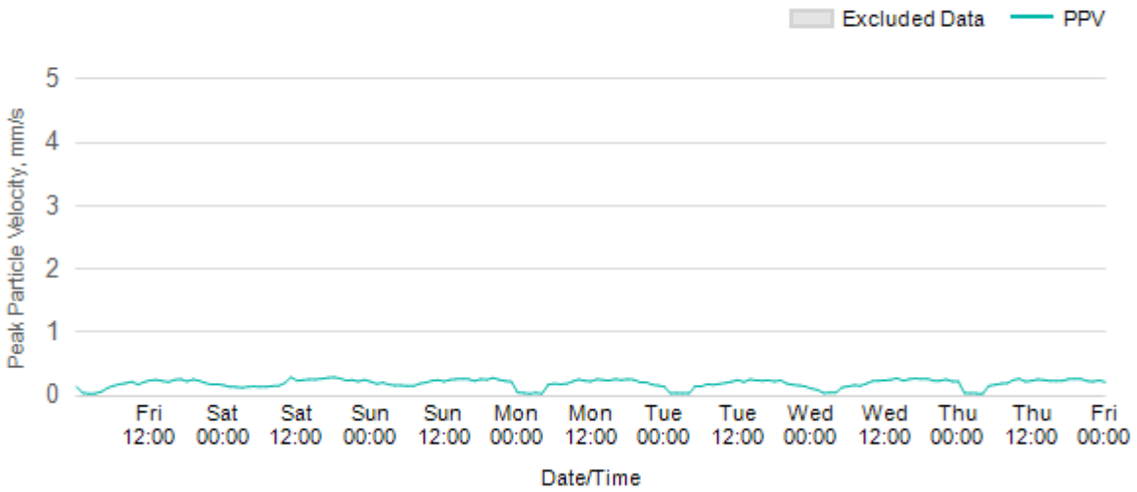


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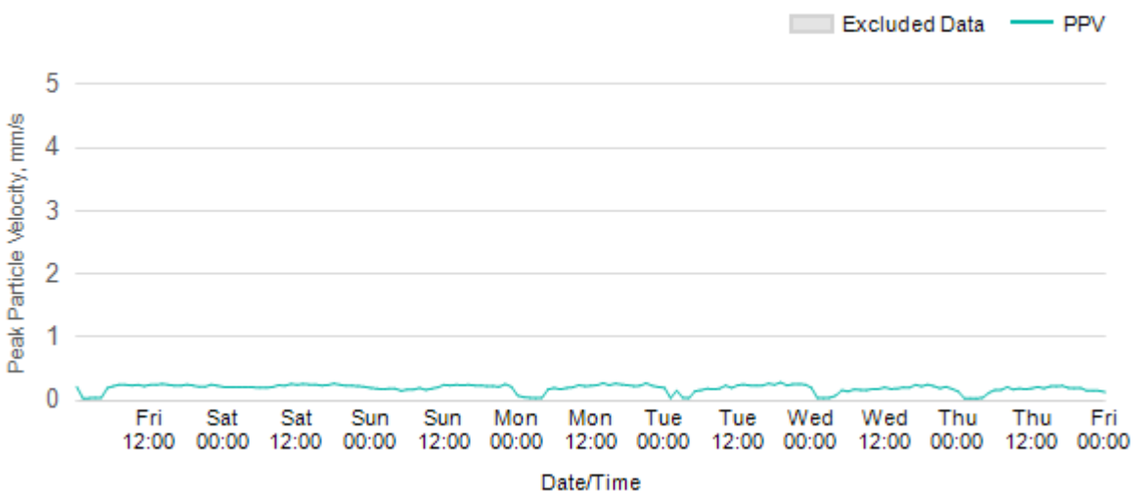
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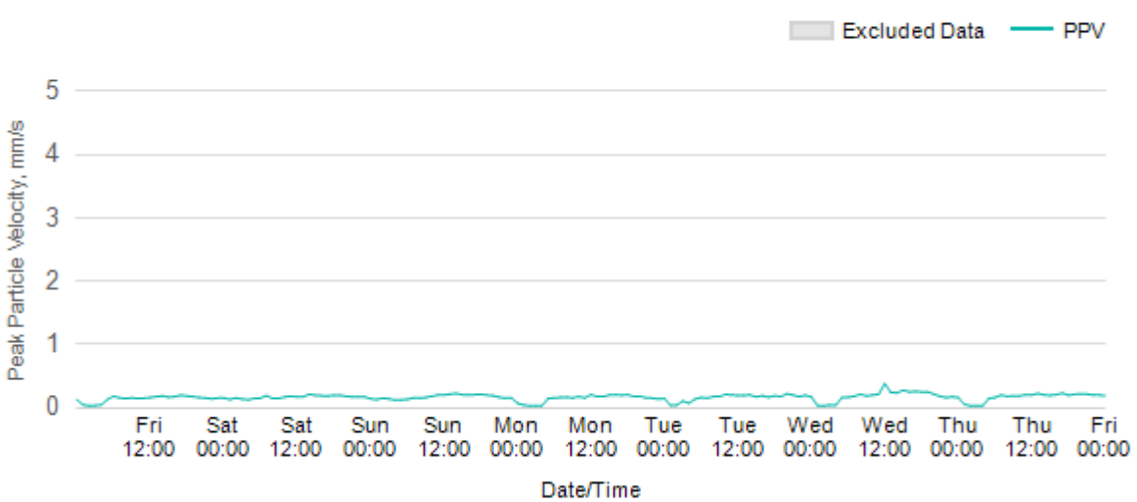
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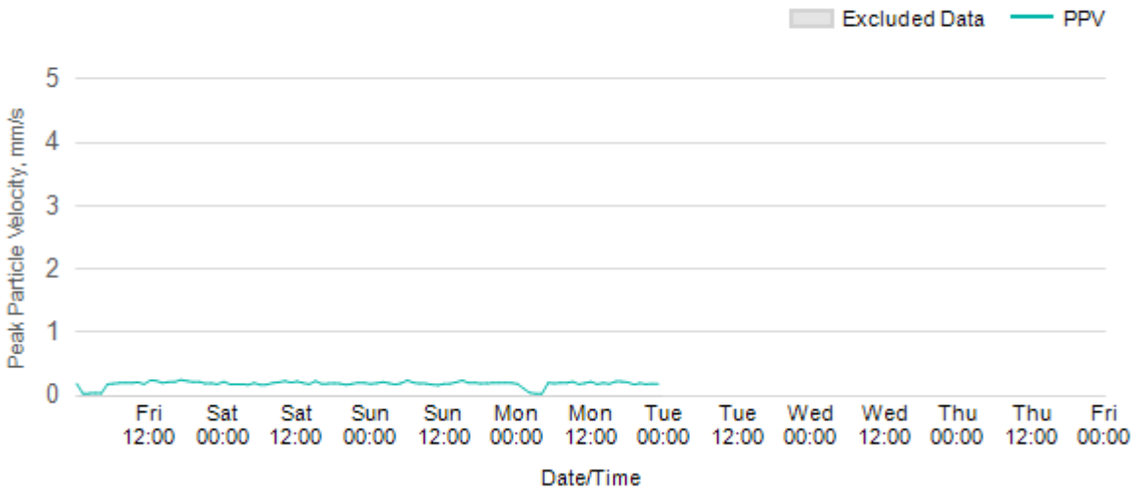
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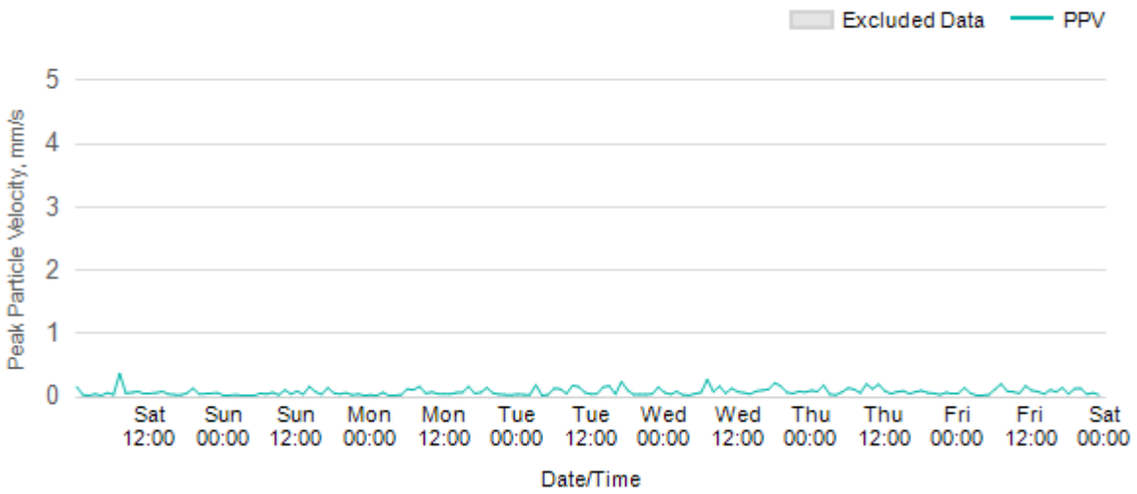


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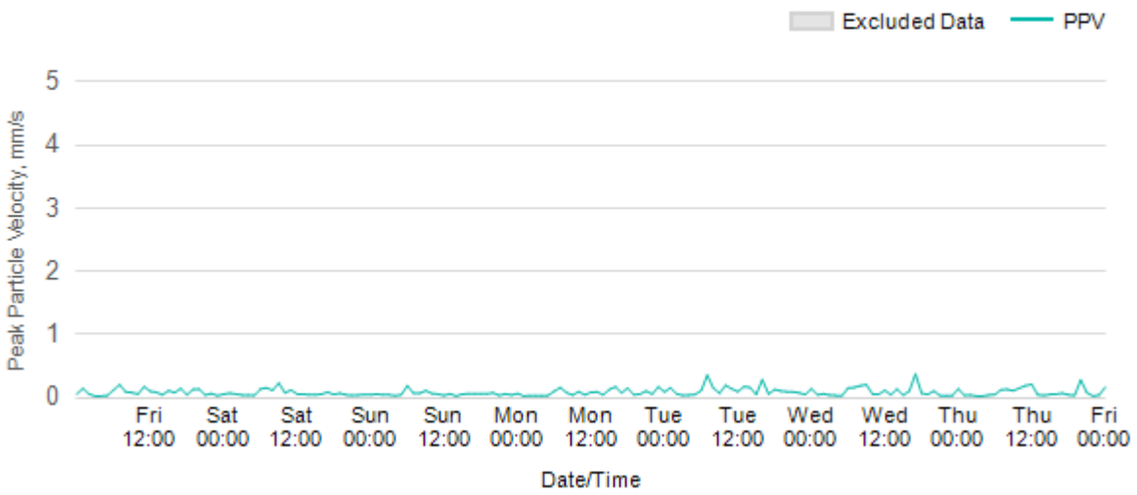


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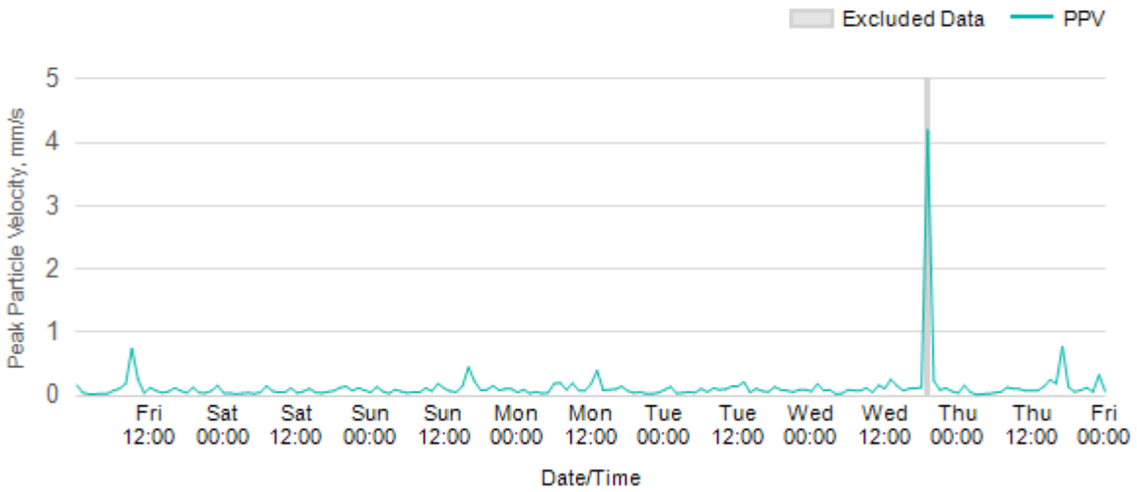
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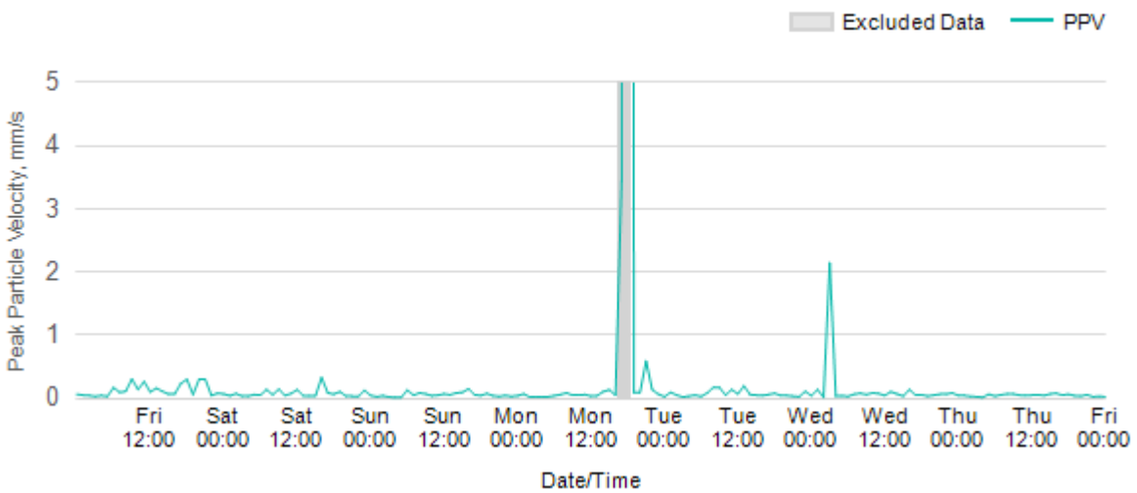
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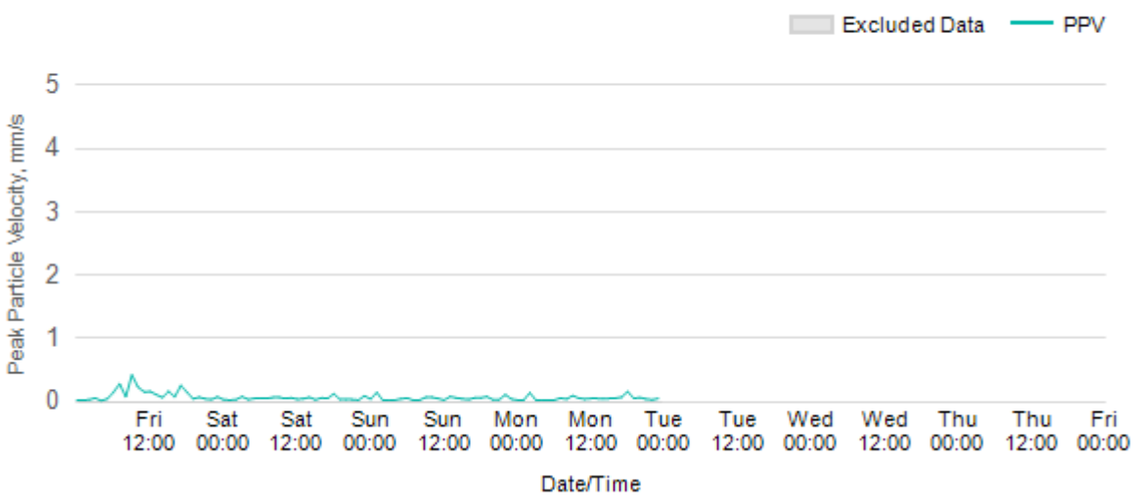
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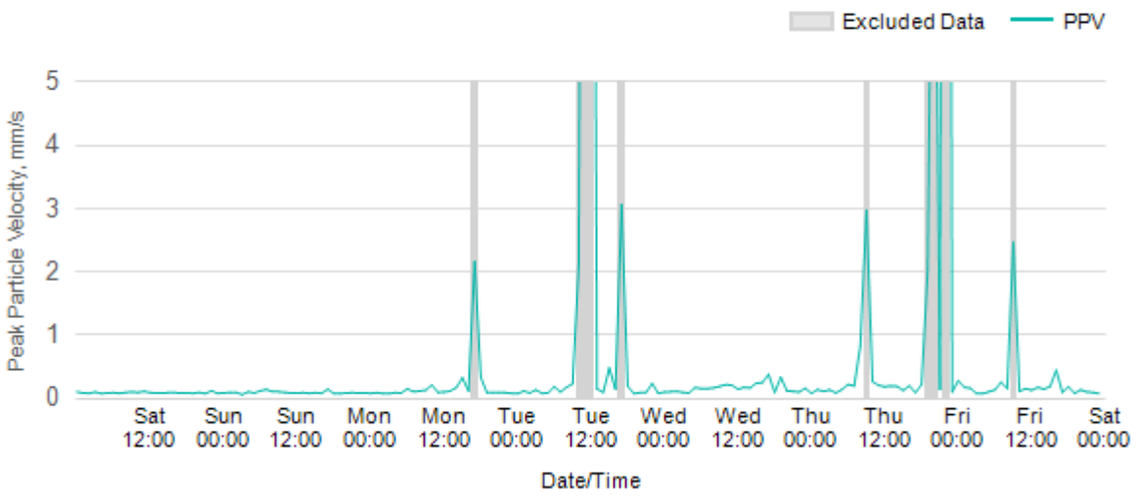


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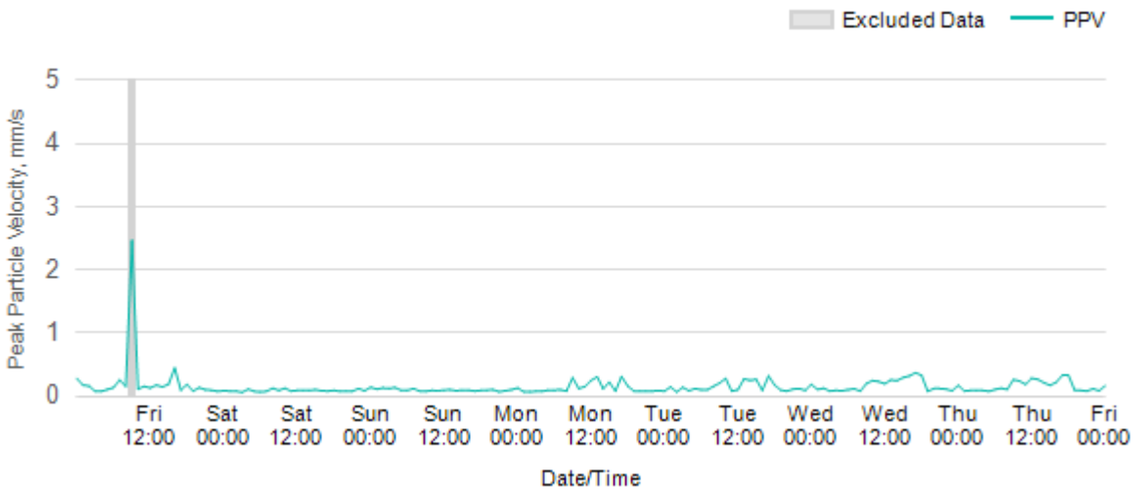


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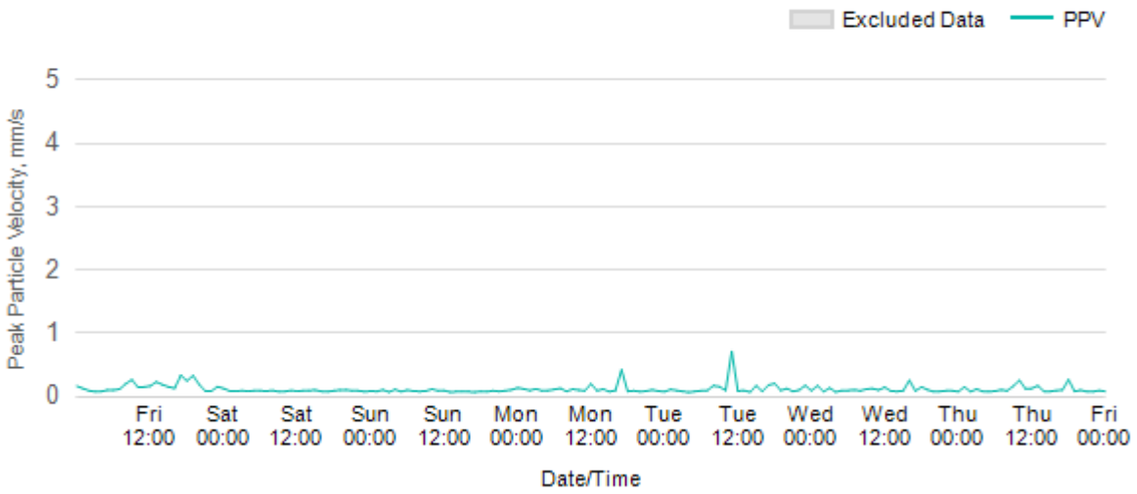
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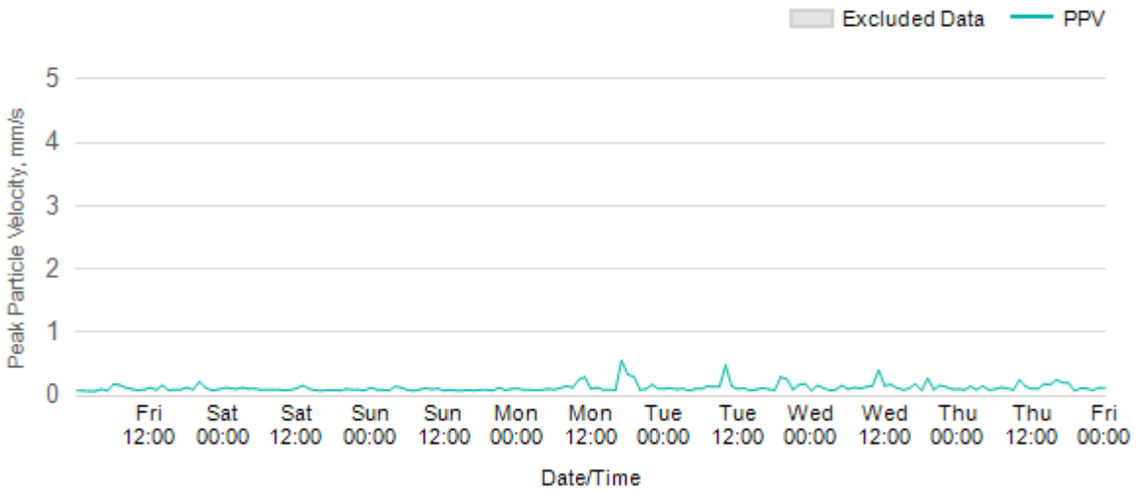
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