Abbreviated Noise Monitoring Report

Monitoring Period: 29 September 2025 to 02 November 2025

Project:	Grenfell Tower
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Period:	29 September 2025 to 02 November 2025

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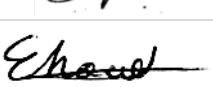
Details of Noise Monitoring Locations at Receptor Point NMP1 – NMP3

ID Reference	Location
NMP1	South-East of site on the hoarding
NMP2	North-East of site on the hoarding
NMP3	South-West of site on the hoarding

Contents

Review and Authorisation

	Name	Role	Signature	Date
Author:	Ibrahim Busari MSc	Acoustic Consultant		03/11/2025
Technical Reviewer:	Emma Howard AMIOA, AISEP	Operations Manager/ Senior Consultant		10/11/2025

1. Exceedance Summary

At NMP1:
There were **three (3) exceedances** of the **75dB $L_{Aeq,1hr}$, Amber Alert Level** and **no exceedances** of the of the **Red Alert Level 72dB $L_{Aeq,10hr}$** during this reporting period.

At NMP2:
There was **one (1) exceedance** of the **74dB $L_{Aeq,\ 1hr}$, Amber Alert Level**, and **no exceedances** of the **Red Alert 71dB $L_{Aeq,10hr}$** during this reporting period.

At NMP3:
There were **no exceedances** any of the alert levels during site working hours. However, there were two exceedances of the **74**dB $L_{Aeq,\ 1hr}$ Amber Alert Level outside site typical working hours on 30 September 2025 at 05:00 and 06:00 at 83.8dB and 86.4dB respectively.

Any exceedances that do occur will be shown in Tables 0.1 and 0.2, if there are no exceedances these tables will remain empty.

It is noted that amber alerts are only for site, works will be investigated and adapted as necessary, however works are not required to be stopped or recorded following an amber exceedance.

Table 0.1. – Amber Alert Exceedance Count -1 hour (dB $L_{Aeq,1hr}$)

Monitoring Location	Time and Date of Exceedance	Measured Level of Exceedance (dB $L_{Aeq,1hr}$)	Amber Trigger Alert Level (dB $L_{Aeq,1hr}$)	Cause of Exceedance
NMP1	30/09/2025 12:00	76.7	75	It was noted that these were unrelated to DCUK works and were caused by scaffold removal external to site along Barandon Walk.
	30/09/2025 14:00	76.6		
	17/10/2025 09:00	77.2		The audio trigger indicates this was caused by hand tools, likely to be riveting/drilling.
NMP2	31/10/2025 13:00	74.4	74	Transferring metal from the liftable skip into the 40yard skip via 14t machine. Toolbox Talk was given to the machine operators to load more quietly
NMP3	30/09/2025 05:00	83.8	74	Exceedances occurred outside typical site working hours
	30/09/2025 06:00	86.4		

Table 0.2. Red Alert Exceedance Count -10 hour (dB $L_{Aeq,10hr}$)

Monitoring Location	Time and Date of Exceedance	Measured Level of Exceedance (dB $L_{Aeq\ 10hr}$)	Red Action Alert Level (dB $L_{Aeq,10hr}$)	Cause of Exceedance	Mitigation
NMP1	-	-	72	-	-
NMP2	-	-	71	-	-
NMP3	-	-	71	-	-

It is noted that there is a Green Trigger Alert, but this is a pre-warning for site only. These are not actionable and therefore the green alerts are not reported on. Please see Section 4 – Methodology for more information on this.

Figure 1- Map of Noise, Dust & Vibration Monitoring Locations

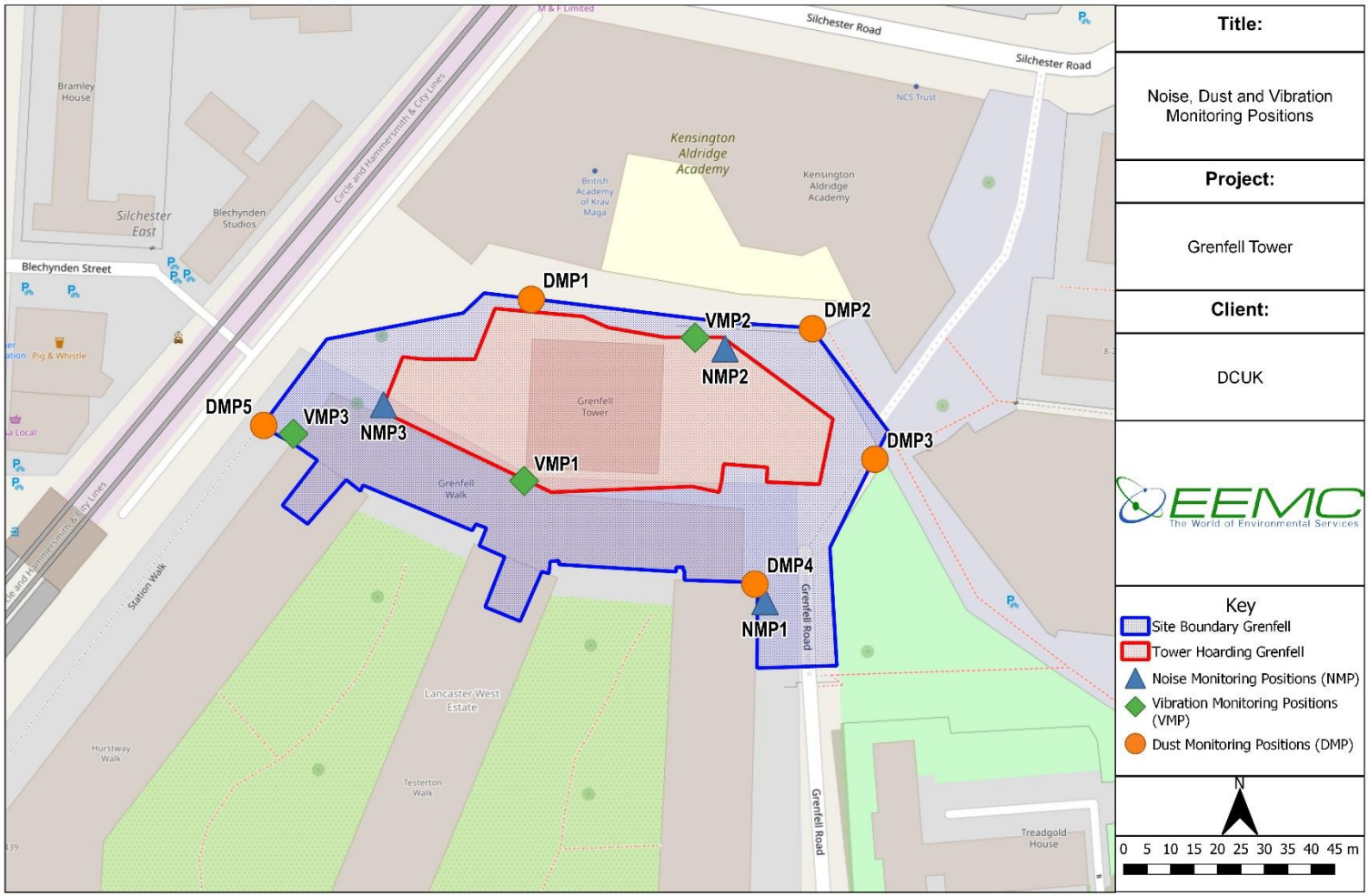


Image 1 –NMP1 Monitoring Location ***(19th May 2025)***

Image 2 –NMP2 Monitoring Location ***(9th May 2025)***

Image 3 –NMP3 Monitoring Location ***(9th May 2025)***

2. Introduction

European Environmental Monitoring and Consultancy (EEMC) Limited have been appointed by Deconstruct to undertake noise monitoring work during the Deconstruction works at the Grenfell Tower project.

The site boundary and hoarding line of this project is shown in Figure 1. The project is located at Grenfell Tower, Grenfell Road, W11 1TQ. The entire site is located within Royal Borough of Kensington & Chelsea (RBKC) and is bordered by residential blocks to the south, and a school and football pitches to the north and a leisure centre to the east. The London Underground viaduct is 70m to the west and Latimer Road Tube station is 200m from the project

This report presents the measured and recorded unattended noise monitoring data for the period 29 September 2025 to 02 November 2025.

Deconstruct will ensure ongoing liaison with MHCLG and RBKC when required to obtain any required consents and permits for the project.

3. Instrumentation

Three (3) Class 1 compliant noise monitors have been deployed to undertake noise monitoring on the site. A map indicating the location of the noise monitors is provided as Figure 1 and a photograph of the installed noise monitor NMP1 is provided as Image 1. A copy of the calibration certificate for this monitor is attached as Appendix 1.

The noise monitors are installed with an all-weather protective system fitted to the remote microphone, at elevations and locations previously agreed with RBKC. Each system is fitted with a modem to allow remote access to the measurement data via the internet. The modem also enables the provision of automatic email alerts.

4. Methodology

All results are recorded (dB $_{LAeq,\,T}$) and data is uploaded directly to the web interface in real time (note, there can be a 15min lag time for results to appear on the website).

The Trigger and Action levels for the project are set out in the **Noise Vibration Management Plan** (ref: Noise and vibration management plan - Grenfell Tower) and are reproduced for reference in Table 3.1.

It is noted that the noise trigger and action levels will change depending on the sequence of works being undertaken. Currently the site are on **Sequence 2: Deconstruction of tower at 67m high (24th floor) to 35m high (12th floor).**

Table 4.1 – Trigger & Action Levels for Sequence 2

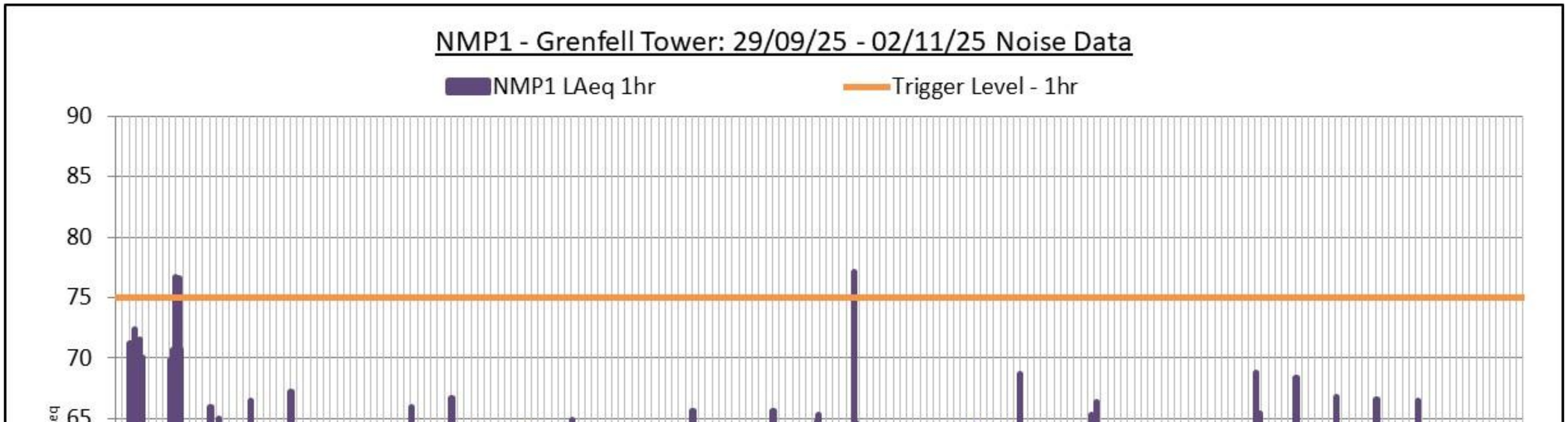
Monitoring Position	Time Period (T)	Noise Alert Levels	
NMP1	10 hour	Green Trigger Alert (dB $L_{Aeq\ 10hr}$)	67
	1 hour	Amber Trigger Alert (dB $L_{Aeq\ 1hr}$)	75
	10 hour	Red Action Alert (dB $L_{Aeq\ 10hr}$)	72
NMP2 & NMP3	10 hour	Green Trigger Alert (dB $L_{Aeq\ 10hr}$)	66
	1 hour	Amber Trigger Alert (dB $L_{Aeq\ 1hr}$)	74
	10 hour	Red Action Alert (dB $L_{Aeq\ 10hr}$)	71

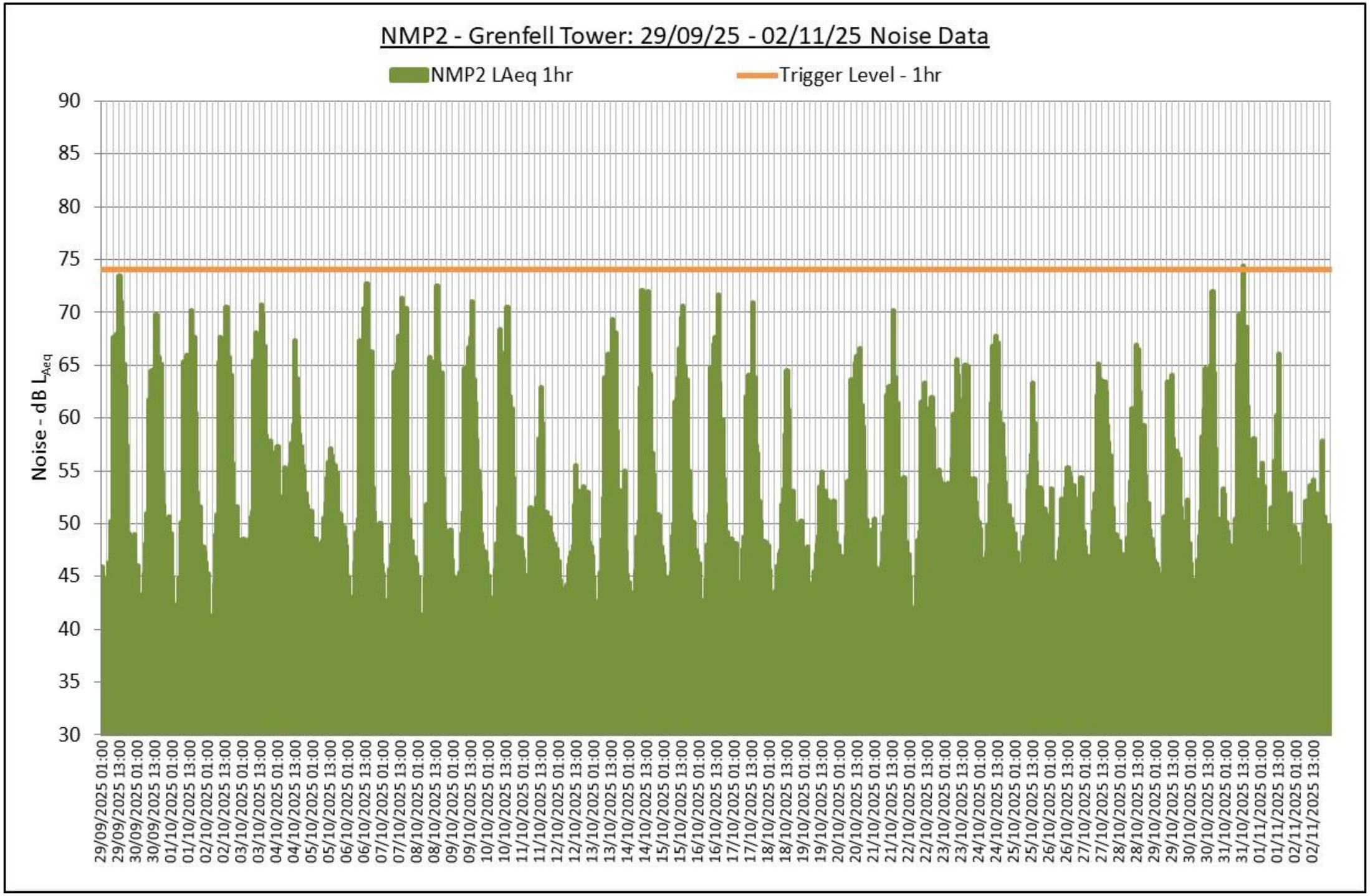
**Green Trigger Alerts are a pre-warning for site only. These are not actionable and therefore the green alerts are not reported on in this report. Amber are a warning for site and red alerts are exceedances which require investigation and mitigation measures.*

5. Measurement Results

The results of the Noise measurements in this period are presented graphically and tabulated in Sections 6 and 7 respectively of this report.

6. 1-hour Noise Monitoring Graphs




NMP2 - Grenfell Tower: 29/09/25 - 02/11/25 Noise Data
NMP2 LAeq 1hr
Trigger Level - 1hr
Noise - dB LAeq
90
85
80
75
70
65
60
55
50
45
40
35
30
29/09/2025 01:00
29/09/2025 13:00
30/09/2025 01:00
30/09/2025 13:00
01/10/2025 01:00
01/10/2025 13:00
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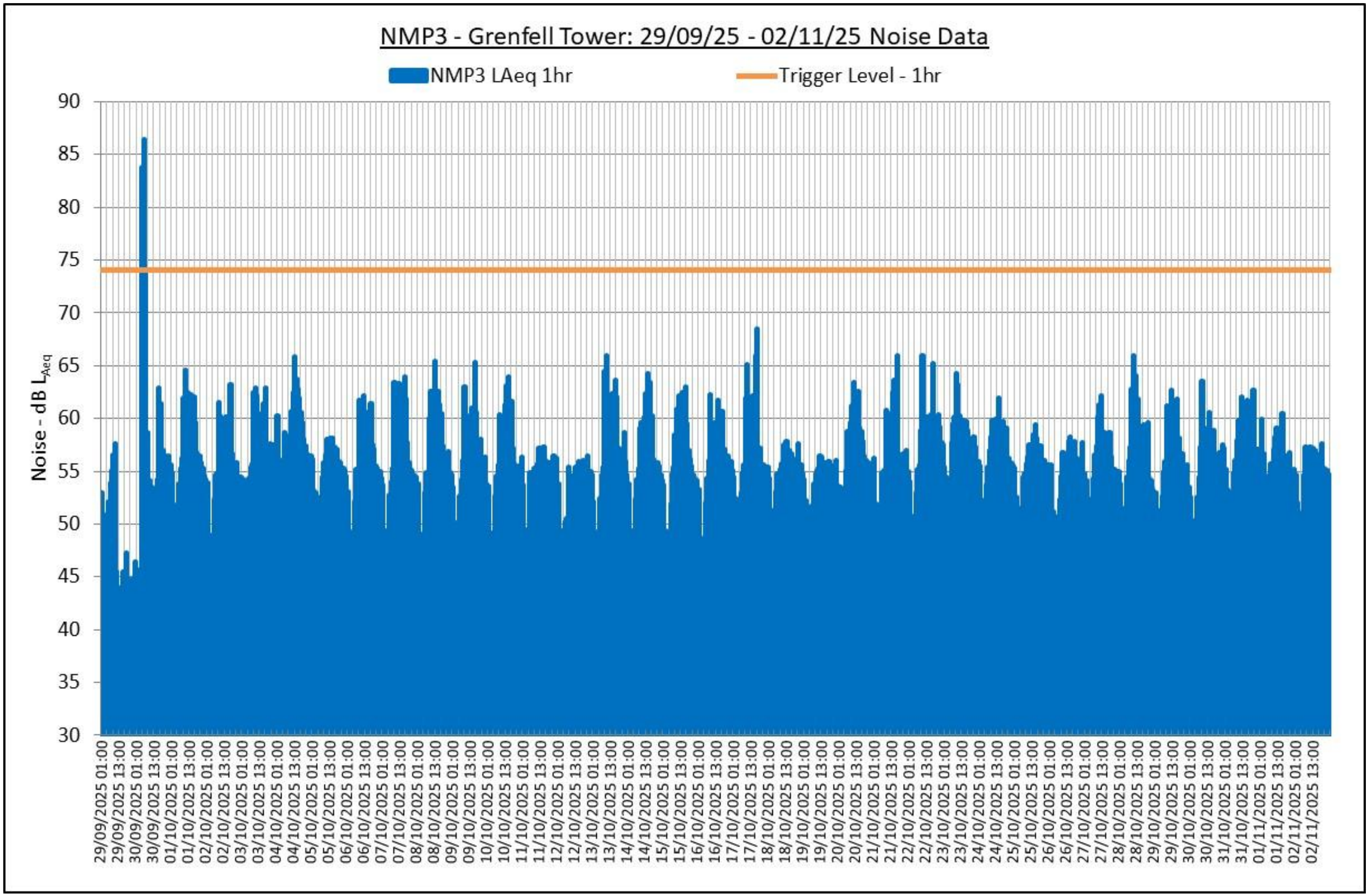
NMP3 - Grenfell Tower: 29/09/25 - 02/11/25 Noise Data
NMP3 LAeq 1hr
Trigger Level - 1hr
Noise - dB LAeq
90
85
80
75
70
65
60
55
50
45
40
35
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29/09/2025 01:00
29/09/2025 13:00
30/09/2025 01:00
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02/11/2025 01:00
02/11/2025 13:00

7. 10hr Noise Monitoring Tables

The 10 hour log averages are shown for each working day in the tables below for each monitoring position.

Any exceedances of the 10hr Red Action Alerts are highlighted in the Tables below.

NMP1

Overview: Week Commencing 29/09/25 for NMP1 Noise					
	$L_{Aeq\ 10hr}$ dB				
Date	**Mon 29/09**	**Tue 30/09**	**Wed 01/10**	**Thu 02/10**	**Fri 03/10**
Measured Level	69.5	72.0	61.8	62.0	62.0
Red Level - 10hr	72.0	72.0	72.0	72.0	72.0
Data %	100%	100%	100%	100%	100%

Table 7.1

Overview: Week Commencing 06/10/25 for NMP1 Noise					
	$L_{Aeq\ 10hr}$ dB				
Date	**Mon 06/10**	**Tue 07/10**	**Wed 08/10**	**Thu 09/10**	**Fri 10/10**
Measured Level	60.9	61.4	59.4	60.6	58.9
Red Level - 10hr	72.0	72.0	72.0	72.0	72.0
Data %	100%	100%	100%	100%	100%

Table 7.2

Overview: Week Commencing 13/10/25 for NMP1 Noise					
	$L_{Aeq\ 10hr}$ dB				
Date	**Mon 13/10**	**Tue 14/10**	**Wed 15/10**	**Thu 16/10**	**Fri 17/10**
Measured Level	60.0	58.1	60.9	61.1	67.8
Red Level - 10hr	72.0	72.0	72.0	72.0	72.0
Data %	100%	100%	100%	100%	100%

Table 7.3

Overview: Week Commencing 20/10/25 for NMP1 Noise					
	$L_{Aeq\ 10hr}$ dB				
Date	**Mon 20/10**	**Tue 21/10**	**Wed 22/10**	**Thu 23/10**	**Fri 24/10**
Measured Level	61.0	62.1	59.4	62.0	60.9
Red Level - 10hr	72.0	72.0	72.0	72.0	72.0
Data %	100%	100%	100%	100%	100%

Table 7.4

Overview: Week Commencing 27/10/25 for NMP1 Noise					
	$L_{Aeq\ 10hr}$ dB				
Date	**Mon 27/10**	**Tue 28/10**	**Wed 29/10**	**Thu 30/10**	**Fri 31/10**
Measured Level	62.5	61.3	59.8	60.7	60.4
Red Level - 10hr	72.0	72.0	72.0	72.0	72.0
Data %	100%	100%	100%	100%	100%

Table 7.5

NMP2

Overview: Week Commencing 29/09/25 for NMP2 Noise					
	$L_{Aeq\ 10hr}$ dB				
Date	**Mon 29/09**	**Tue 30/09**	**Wed 01/10**	**Thu 02/10**	**Fri 03/10**
Measured Level	68.4	64.4	65.2	66.0	66.9
Red Level - 10hr	72.0	72.0	72.0	72.0	72.0
Data %	100%	100%	100%	100%	100%

Table 7.6

Overview: Week Commencing 06/10/25 for NMP2 Noise					
	$L_{Aeq\ 10hr}$ dB				
Date	**Mon 06/10**	**Tue 07/10**	**Wed 08/10**	**Thu 09/10**	**Fri 10/10**
Measured Level	67.5	66.9	66.2	65.4	65.5
Red Level - 10hr	72.0	72.0	72.0	72.0	72.0
Data %	100%	100%	100%	100%	100%

Table 7.7

Overview: Week Commencing 13/10/25 for NMP2 Noise					
	$L_{Aeq\ 10hr}$ dB				
Date	**Mon 13/10**	**Tue 14/10**	**Wed 15/10**	**Thu 16/10**	**Fri 17/10**
Measured Level	64.6	66.7	65.8	65.5	63.9
Red Level - 10hr	72.0	72.0	72.0	72.0	72.0
Data %	100%	100%	100%	100%	100%

Table 7.8

Overview: Week Commencing 20/10/25 for NMP2 Noise					
	$L_{Aeq\ 10hr}$ dB				
Date	**Mon 20/10**	**Tue 21/10**	**Wed 22/10**	**Thu 23/10**	**Fri 24/10**
Measured Level	63.2	63.5	60.5	62.9	63.9
Red Level - 10hr	72.0	72.0	72.0	72.0	72.0
Data %	100%	100%	100%	100%	100%

Table 7.9

Overview: Week Commencing 27/10/25 for NMP2 Noise					
	$L_{Aeq\ 10hr}$ dB				
Date	**Mon 27/10**	**Tue 28/10**	**Wed 29/10**	**Thu 30/10**	**Fri 31/10**
Measured Level	61.7	62.0	59.8	64.8	68.4
Red Level - 10hr	72.0	72.0	72.0	72.0	72.0
Data %	100%	100%	100%	100%	100%

Table 8.0

NMP3

Overview: Week Commencing 29/09/25 for NMP3 Noise					
	$L_{Aeq\ 10hr}$ dB				
Date	**Mon 29/09**	**Tue 30/09**	**Wed 01/10**	**Thu 02/10**	**Fri 03/10**
Measured Level	51.0	57.2	61.5	59.7	61.1
Red Level - 10hr	72.0	72.0	72.0	72.0	72.0
Data %	100%	100%	100%	100%	100%

Table 8.1

Overview: Week Commencing 06/10/25 for NMP3 Noise					
	$L_{Aeq\ 10hr}$ dB				
Date	**Mon 06/10**	**Tue 07/10**	**Wed 08/10**	**Thu 09/10**	**Fri 10/10**
Measured Level	60.2	61.7	61.9	60.9	61.0
Red Level - 10hr	72.0	72.0	72.0	72.0	72.0
Data %	100%	100%	100%	100%	100%

Table 8.2

Overview: Week Commencing 13/10/25 for NMP3 Noise					
	$L_{Aeq\ 10hr}$ dB				
Date	**Mon 13/10**	**Tue 14/10**	**Wed 15/10**	**Thu 16/10**	**Fri 17/10**
Measured Level	62.2	61.0	60.6	59.8	63.4
Red Level - 10hr	72.0	72.0	72.0	72.0	72.0
Data %	100%	100%	100%	100%	100%

Table 8.3

Overview: Week Commencing 20/10/25 for NMP3 Noise					
	$L_{Aeq\ 10hr}$ dB				
Date	**Mon 20/10**	**Tue 21/10**	**Wed 22/10**	**Thu 23/10**	**Fri 24/10**
Measured Level	60.6	61.6	61.4	60.7	59.4
Red Level - 10hr	72.0	72.0	72.0	72.0	72.0
Data %	100%	100%	100%	100%	100%

Table 8.4

Overview: Week Commencing 27/10/25 for NMP3 Noise					
	$L_{Aeq\ 10hr}$ dB				
Date	**Mon 27/10**	**Tue 28/10**	**Wed 29/10**	**Thu 30/10**	**Fri 31/10**
Measured Level	59.4	61.6	59.8	59.3	59.5
Red Level - 10hr	72.0	72.0	72.0	72.0	72.0
Data %	100%	100%	100%	100%	100%

Table 8.5