Abbreviated Dust Monitoring Report

Monitoring Period: 31 August 2026 to 27 September 2026

Project:	Grenfell Tower
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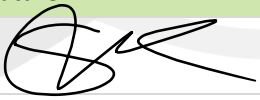
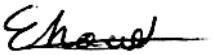
Details of Dust Monitor at Receptor Points DMP1 - DMP5

ID Reference	Location
DMP1	Northwest hoarding, opposite Krav Maga centre
DMP2	Northeast Hoarding, opposite school academy
DMP3	East Hoarding
DMP4	Southeast Hoarding, on Grenfell Road
DMP5	West Hoarding, near Station Walk, opposite the underpass

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Review and Authorisation

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1. Exceedance Summary - 15-minute Amber Trigger Alert levels:

Any exceedances that do occur will be shown in **Tables 0.1 and 0.2**. If there are no exceedances, these tables will remain blank or be removed from this report.

There were **no exceedances** of the 15-minute $PM_{2.5}$ 54 (µg/m^3) **Amber Trigger Level** at DMP1-DMP5 in this reporting period, and **one (1) exceedance** of the 15-minute PM_{10} 150 (µg/m^3) **Amber Trigger Level** at DMP3, with no other exceedances at any of the other monitoring locations.

Table 0.1. – Amber Alert Exceedance Count – 15-Minute Average

Time and Date of Exceedance	Measured Level of Exceedance (µg/m^3)	Particle Size	Alert Level	Monitoring Location	Cause of Exceedance
-	-	2.5 µg/m^3	54 µg/m^3 Trigger Level (15min)	No exceedances	.
02/09/2026 15:30	188.5	10 µg/m^3	150 µg/m^3 Trigger Level (15min)	DMP3	Site investigated and could not find the source of the exceedance, as no works were occurring near the monitor.

2. Exceedance Summary - 1-hour Red Action Alert levels:

There were **no exceedances** of the 1-hour PM_{10} 190 (µg/m^3) and **no exceedances** of the 1-hour $PM_{2.5}$ 70 (µg/m^3) **Red Action Alert levels** at DMP1-DMP5 in this period**.**

Time and Date of Exceedance	Measured Level of Exceedance (µg/m^3)	Particle Size	Alert Level	Monitoring Location	Cause of Exceedance	Mitigation
-	-	2.5 µg/m^3	70 µg/m^3 Red Action Level (1hour)	-	No exceedances	-
-	-	10 µg/m^3	190 µg/m^3 Red Action Level (1hour)	-	No exceedances	-

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

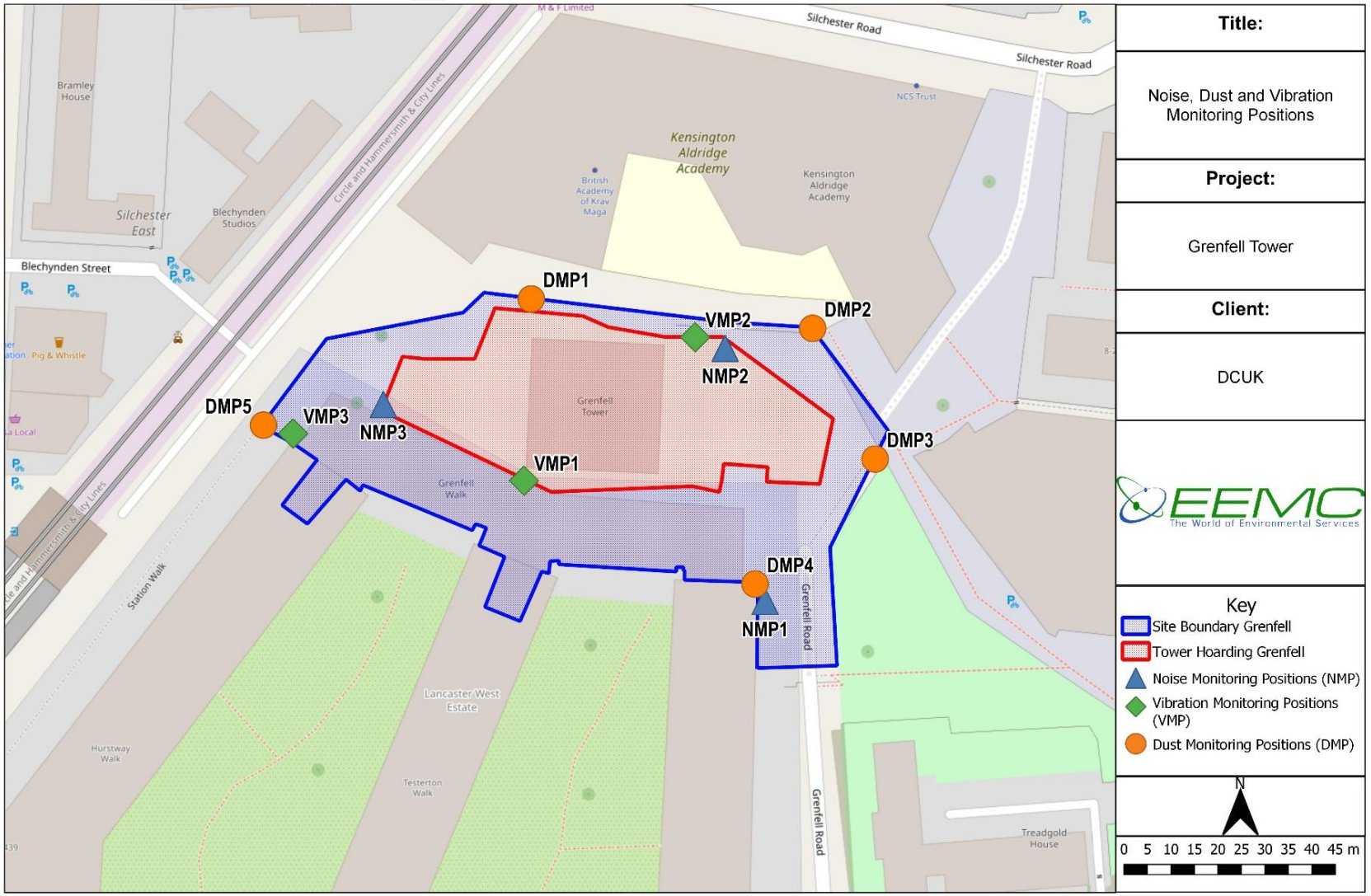


Image 1 – DMP1 Monitoring Location (***photo taken on site on 19/5/2025***).



Image 2 – DMP2 Monitoring Location (***photo taken on site on 24/07/2026***).



Image 3 – DMP3 Monitoring Location (***photo taken on site on 19/5/2025***).



Image 4- DMP4 Monitoring Location (***photo taken on site on 19/5/2025***)



Image 5- DMP5 Monitoring Location (***photo taken on site on 19/5/2025***)



3. Introduction

European Environmental Monitoring and Consultancy (EEMC) Limited have been appointed by Deconstruct to undertake air quality monitoring, in the form of fine particulate matter (PM_{10} and $PM_{2.5}$), during the deconstruction works at the Grenfell Tower project.

The site boundary and hoarding line of this project are shown in Figure 1. The project is located at Grenfell Tower, Grenfell Road, W11 1TQ. The entire site is located within the Royal Borough of Kensington & Chelsea (RBKC) and is bordered by residential blocks to the south, 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 dust monitoring data for the period 31 August 2026 to 27 September 2026.

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

4. Instrumentation

Five (5) MCerts-approved HIVE-AQ DUSTROID™ monitors are deployed to carry out continuous monitoring on site. A map showing the monitoring locations is shown in Figure 1. Photographs showing the equipment installed at locations DMP1- DMP5 are shown in Images 1-5.

The monitors are housed in a weather-resistant environmental enclosure and were installed at locations previously agreed between the site developers and Kensington and Chelsea Council. The systems are each fitted with a modem to allow remote access to measurement data on the internet and provision of email alerts. The monitors continuously measure particulate matter (in µg/m^3) and data is recorded as 1-hour and 15-minute average periods.

5. Methodology

The measured PM_{10} and $PM_{2.5}$ concentrations on site can be used to assess the effect of construction activities. If PM_{10} and $PM_{2.5}$ concentrations above the following levels are measured, an email alert is sent instantaneously to designated site personnel.

The Trigger and Action levels for the project are set out in the **Air Quality & Dust Management Plan (AQDMP)** (ref: *Air quality and dust management plan - Grenfell Tower*) and are reproduced for reference in Table 3.1.

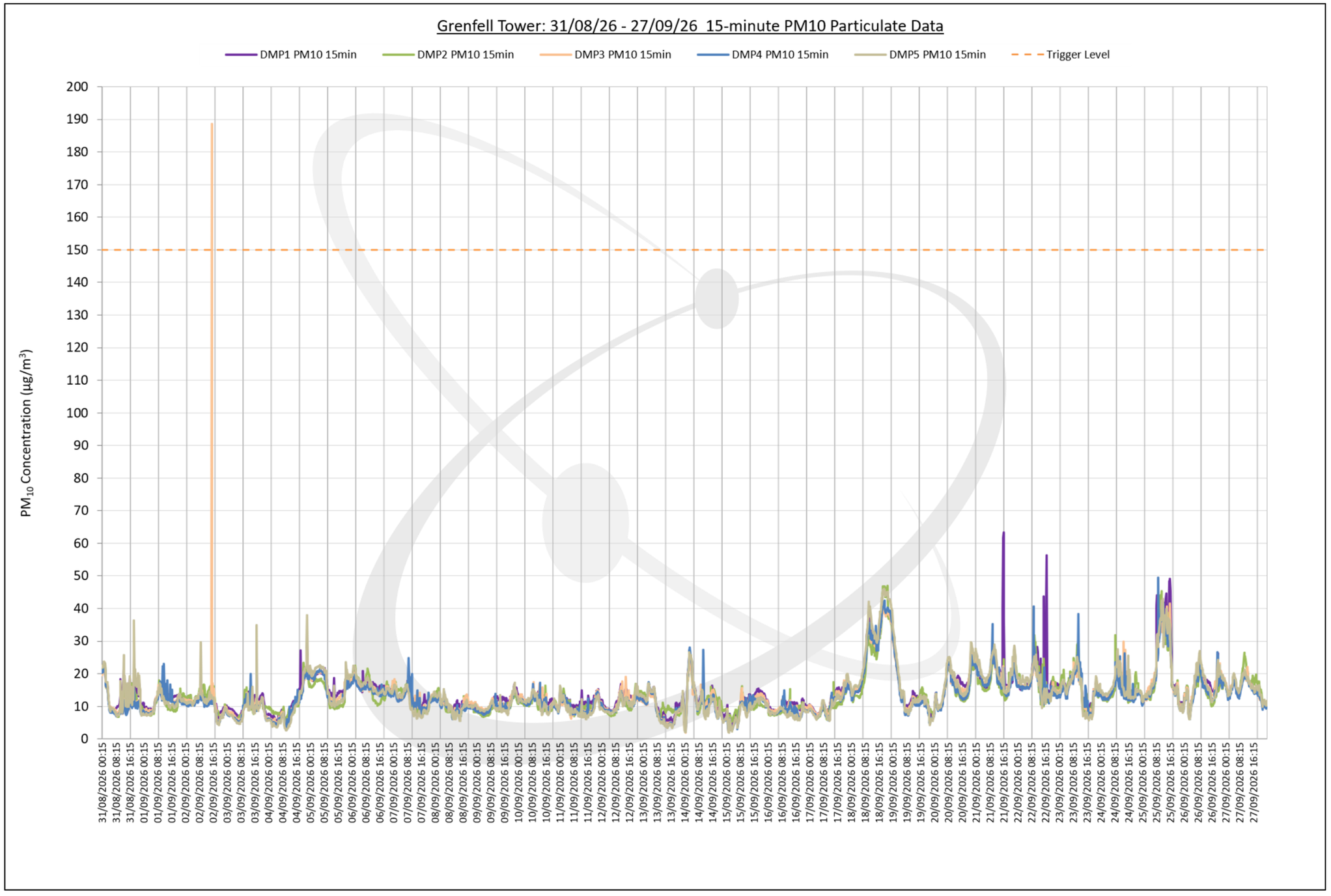
Table 3.1 – Trigger & Action Levels for all Monitoring Locations

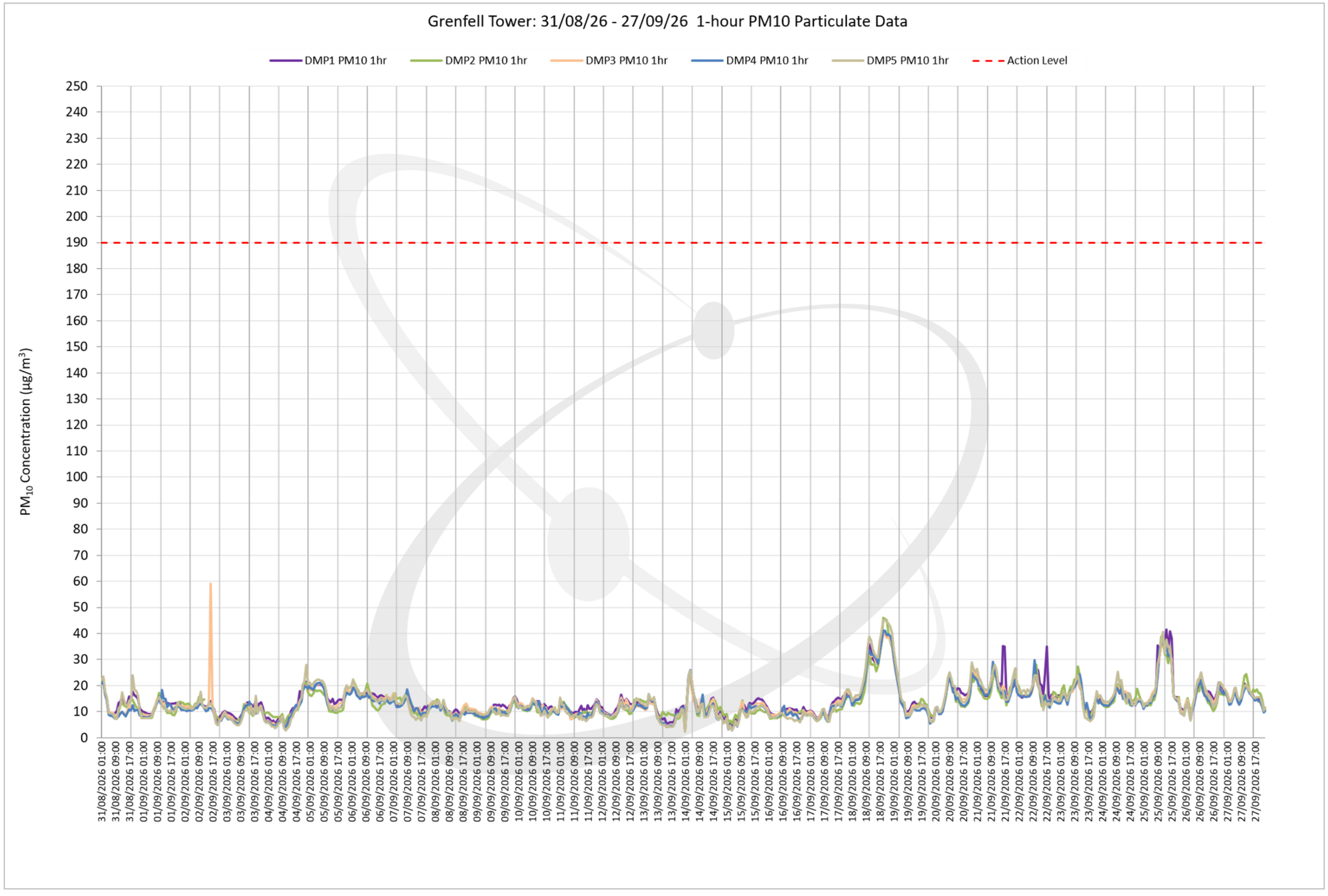
Particulate Matter	Trigger Level *(15-minute mean µg/m³)*	Action Level *(1-hour mean µg/m³)*
PM_{10}	150	190
$PM_{2.5}$	54	70

6. Measurement Results

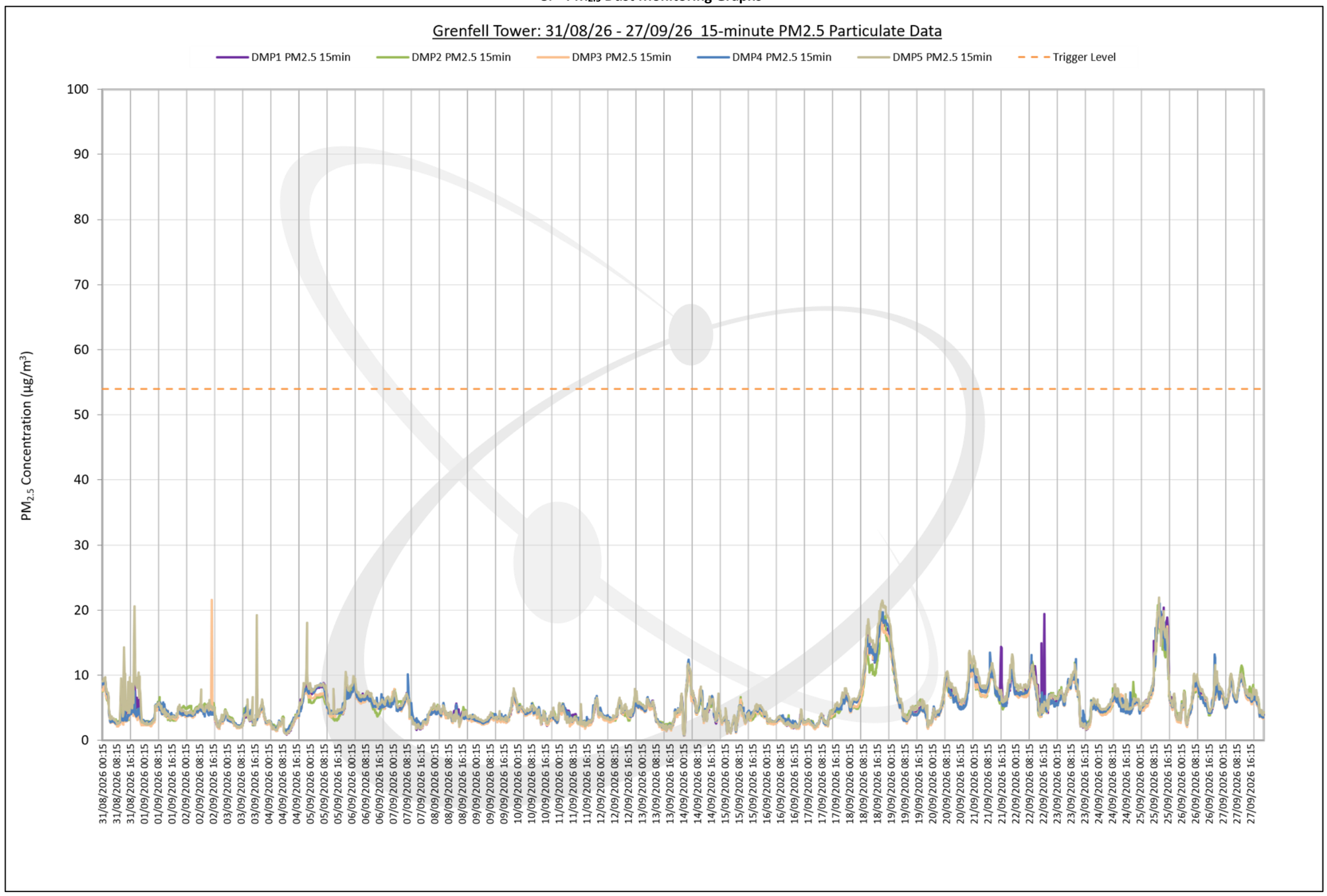
The results of the dust measurements in this period are presented graphically for PM_{10} and $PM_{2.5}$ in Sections 7 and 8, respectively, of this report.

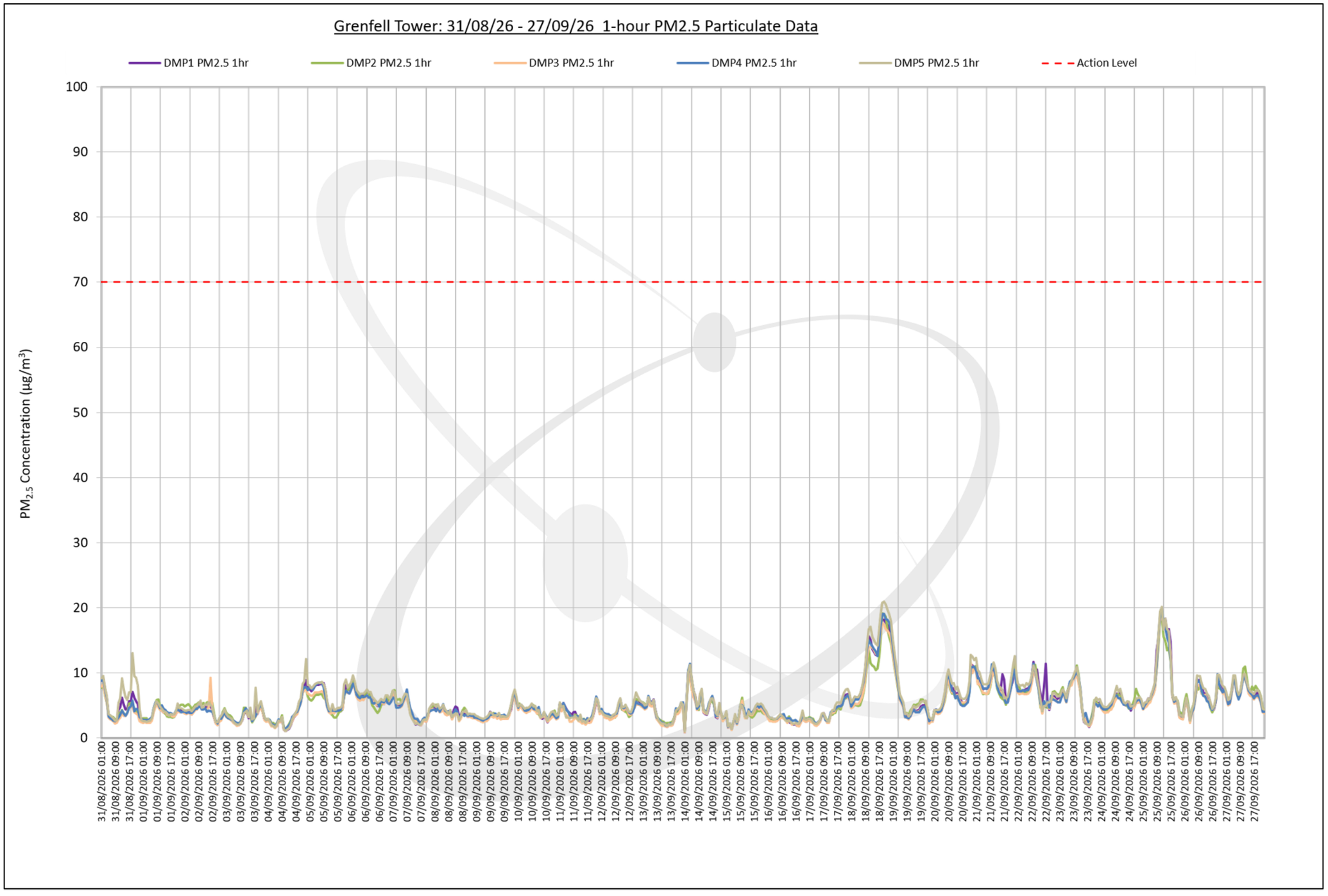
7. PM_{10} Dust Monitoring Graphs




Grenfell Tower: 31/08/26 - 27/09/26 1-hour PM10 Particulate Data
DMP1 PM10 1hr
DMP2 PM10 1hr
DMP3 PM10 1hr
DMP4 PM10 1hr
DMP5 PM10 1hr
Action Level
PM10 Concentration (µg/m3)
250
240
230
220
210
200
190
180
170
160
150
140
130
120
110
100
90
80
70
60
50
40
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0
31/08/2026 01:00
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8. $PM_{2.5}$ Dust Monitoring Graphs




Grenfell Tower: 31/08/26 - 27/09/26 1-hour PM2.5 Particulate Data
DMP1 PM2.5 1hr
DMP2 PM2.5 1hr
DMP3 PM2.5 1hr
DMP4 PM2.5 1hr
DMP5 PM2.5 1hr
Action Level
PM2.5 Concentration (µg/m³)
100
90
80
70
60
50
40
30
20
10
0
31/08/2026 01:00
31/08/2026 09:00
31/08/2026 17:00
01/09/2026 01:00
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