



Abbreviated Dust 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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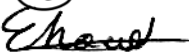
Details of Dust Monitor at Receptor Point DMP1 - DMP5

ID Reference	Location
DMP1	North west hoarding, opposite Krav Maga centre
DMP2	North east Hoarding, opposite school academy
DMP3	East Hoarding
DMP4	South East Hoarding, on Grenfell Road
DMP5	West Hoarding, near Station Walk, opposite the under pass

Contents

1. Exceedance Summary- 15-minute Amber Trigger Alert levels:	3
2. Exceedance Summary- 1-hour Red Action Alert levels:	3
Figure 1- Map of Dust, Dust & Vibration Monitoring Locations	4
3. Introduction.....	10
4. Instrumentation	10
5. Methodology	10
6. Measurement Results	11
7. PM ₁₀ Dust Monitoring Graphs	12
8. PM _{2.5} Dust Monitoring Graphs	14

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

Table 0.1 – Amber Exceedance Count

Monitoring Location	Particle Size	Amber Alert Level	Exceedance Count
DMP1	PM ₁₀	150 µg/m ³	8
	PM _{2.5}	70 µg/m ³	26
DMP2	PM ₁₀	150 µg/m ³	9
	PM _{2.5}	70 µg/m ³	29
DMP3	PM ₁₀	150 µg/m ³	8
	PM _{2.5}	70 µg/m ³	29
DMP4	PM ₁₀	150 µg/m ³	12
	PM _{2.5}	70 µg/m ³	25
DMP5	PM ₁₀	150 µg/m ³	8
	PM _{2.5}	70 µg/m ³	18

It's noted that Amber alerts are only for site and works are not required to be stopped or recorded.

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

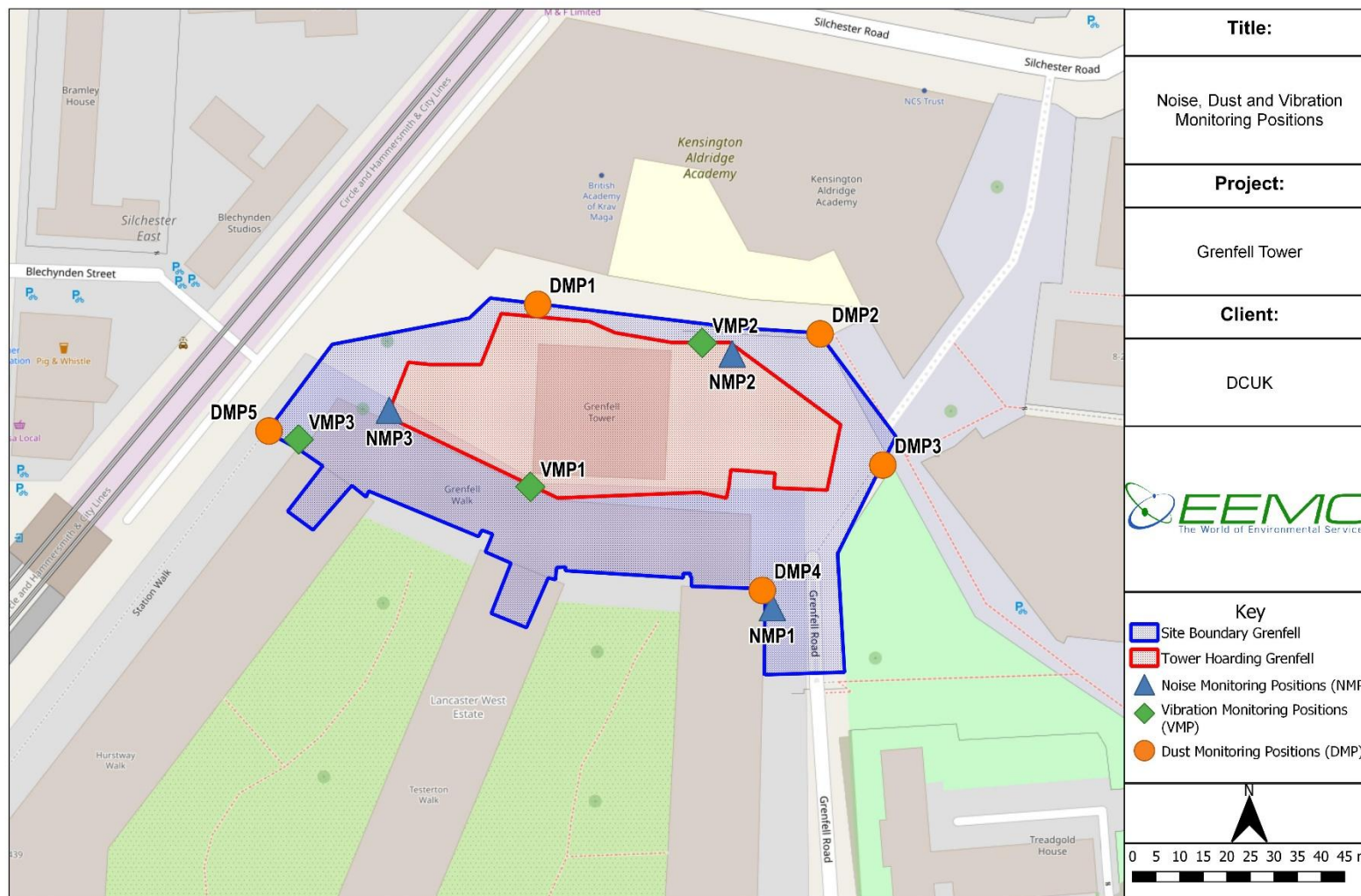
Table 0.2 – Red Exceedance Count

Monitoring Location	Particle Size	Red Alert Level	Exceedance Count
DMP1	PM ₁₀	190 µg/m ³	1
	PM _{2.5}	54 µg/m ³	2
DMP2	PM ₁₀	190 µg/m ³	1
	PM _{2.5}	54 µg/m ³	4
DMP3	PM ₁₀	190 µg/m ³	1
	PM _{2.5}	54 µg/m ³	2
DMP4	PM ₁₀	190 µg/m ³	2
	PM _{2.5}	54 µg/m ³	2
DMP5	PM ₁₀	190 µg/m ³	1
	PM _{2.5}	54 µg/m ³	2

All Amber and Red exceedances this month were between 21:00 – 8:45 and as such are either:

- Due to the high humidity readings, and similar exceedances from all monitors. It is very likely that these exceedances were caused by fine rain/misty weather and are not representative of any site works, or;
- Due to the time of these exceedances occur, the date being 20th October and similar exceedances being shown from all monitors, these are most likely caused by fireworks from Diwali celebrations in the area.
- At DMP4 exceedance at 08:45 on 07 October 2025, due to Vehicle idling, site mitigation advice was to instruct any vehicles awaiting security instruction near monitoring location to turn engines off to reduce emissions being recorded by said monitor.

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



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



Images 3 – DMP2 Monitoring Location (*photo taken on site on 19/5/2025*).



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



Images 7- DMP4 Monitoring Location (*photo taken on site on 19/5/2025*)



Images 9- 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 (PM₁₀ and PM_{2.5}), 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 Dust 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.

4. Instrumentation

Five (5) MCerts approved DUSTROID monitors were deployed to carry out the baseline 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. Copies of the calibration certificates for the installed monitors are attached as Appendix 1.

The monitors are housed in a weather-resistant environmental enclosure and were installed at a 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/m³) and data is recorded as 1 hour and 24 hour average periods.

5. Methodology

The measured PM₁₀ and PM_{2.5} concentrations on site can be used to assess the effect of construction activities. If PM₁₀ 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.

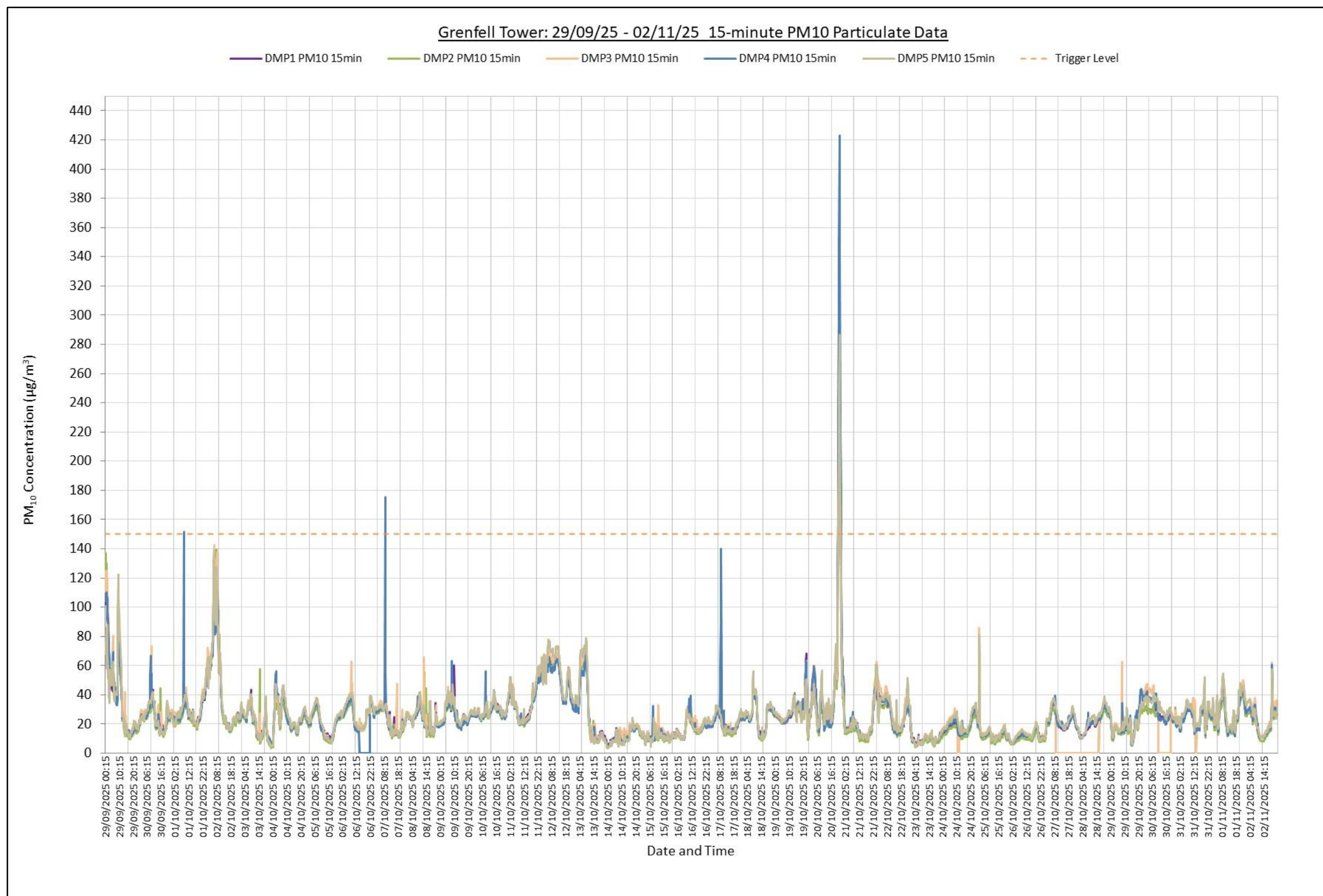
Table 3.1 – Trigger & Action Levels for all Monitoring Locations

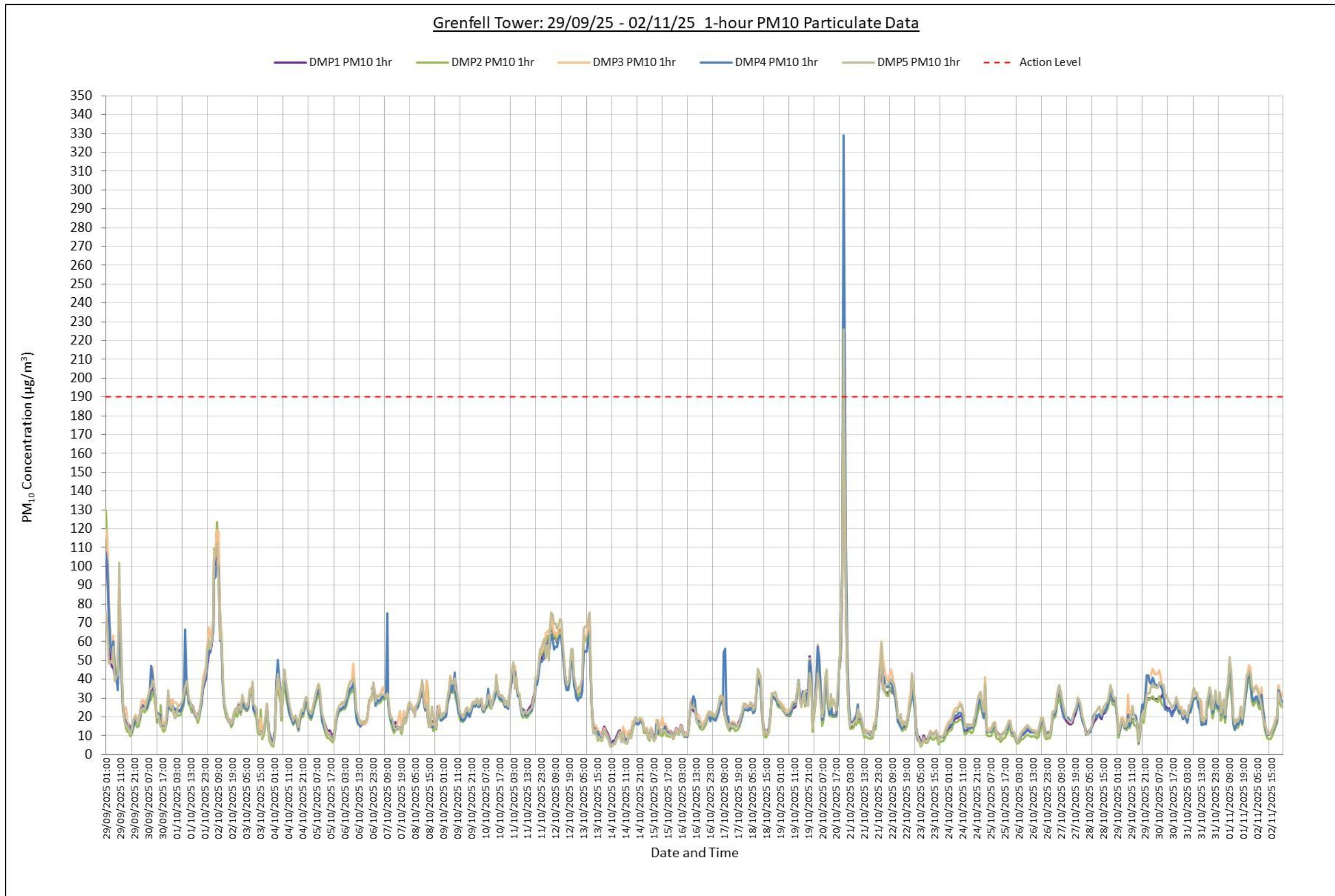
Particulate Matter	Trigger Level (15-minute mean $\mu\text{g}/\text{m}^3$)	Action Level (1-hour mean $\mu\text{g}/\text{m}^3$)
PM ₁₀	150	190
PM _{2.5}	54	70

6. Measurement Results

The results of the Dust measurements in this period are presented graphically for PM₁₀ and PM_{2.5} in Sections 7 and 8 respectively of this report.

7. PM₁₀ Dust Monitoring Graphs





8. PM_{2.5} Dust Monitoring Graphs

