

Air Quality and Dust Monitoring Monthly Report – January 2026

North Warwickshire Borough Council



Department for Transport

High Speed Two (HS2) Limited has been tasked by the Department for Transport (DfT) with managing the delivery of a new national high speed rail network. It is a non-departmental public body wholly owned by the DfT.

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A report prepared by EWCs and MWCCs on behalf of HS2 Ltd.

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Monthly Summary

- 1.1.1 This Summary Report is published in fulfilment of commitments detailed in the High Speed Rail (London-West Midlands) Environmental Minimum Requirements, Annex 1: Code of Construction Practice, for the nominated undertaker to present the results of air quality and dust monitoring undertaken in North Warwickshire Borough Council (NWBC) during January 2026.
- 1.1.2 Figures 1 and Figure 2 in Appendix A present the current worksites together with the dust monitoring locations.
- 1.1.3 This summary should be read in conjunction with the overview monitoring report monthly available from www.gov.uk/government/collections/monitoring-the-environmental-effects-of-hs2, which highlights: the applicable standards and guidance, as well as the air quality and dust monitoring methodologies to be implemented by nominated undertakers throughout construction.
- 1.1.4 The current worksites, as presented in Figure 1 and Figure 2, include:

Sublot 6BS

Gilson Embankment

- Earthworks movement and general site maintenance.

Attleboro Lane Overbridge

- No BBV works took place during January 2026.

Sublot 7

Faraday Avenue Embankment and Underbridge

- Span erection (P17/18, P18/19 and P19/20)

Marston Box

- No BBV works activities occurred during January 2026.

Sublot 6NC

Marsh Lane Embankment

- Stockpile operation.
- Embankment construction.
- Compound and haul road maintenance.
- Haul road operation.
- Traffic management.

- Operation of material deposit.
- Removal from the borrow pit.
- Site generators.

Sublot 5N

Chattle Hill Box Structure

- Rigid inclusion and earthworks movement.

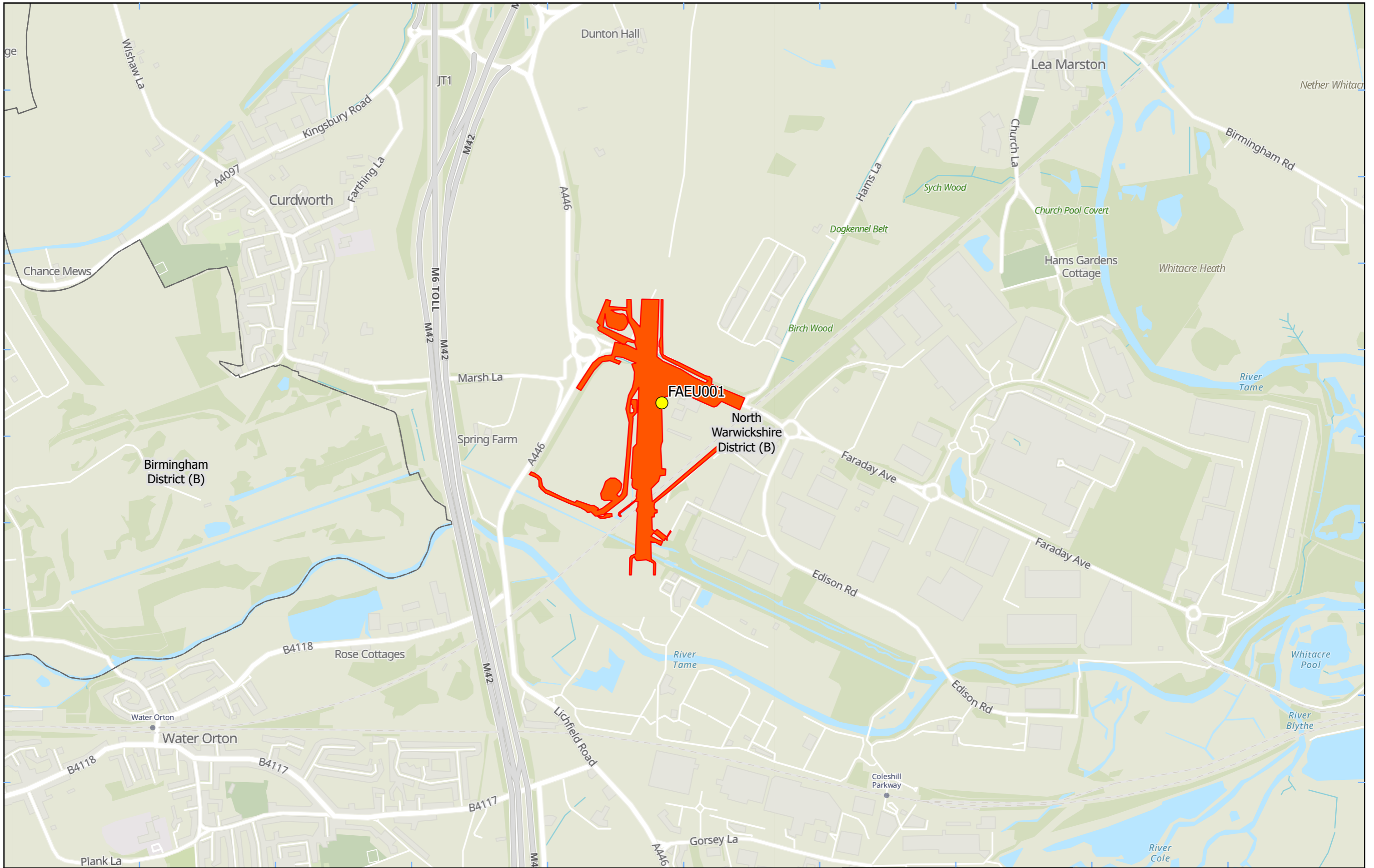
- 1.1.5 Seven (7) dust monitors are installed around these worksites, where works are underway. These sites returned a low to medium dust risk rating.
- 1.1.6 Dust monitoring locations and results are presented in Appendix B, Table 2, together with line charts of monthly data from each dust monitor presented in Figure 3. All continuous dust monitoring is undertaken using indicative monitors. Despite being Environment Agency (MCERTS) certified, indicative monitors carry a higher level of uncertainty than reference monitors, and therefore cannot be strictly compared with Air Quality Standards for human health and the environment. The purpose of the monitoring undertaken is to ensure the effectiveness of the on-site mitigation.
- 1.1.7 The trigger level for PM₁₀ concentrations of 190 µg/m³, over a 1-hour period, in accordance with the updated guidance document '*Guidance on Monitoring in the Vicinity of Demolition and Construction Sites – (October 2018)*' has been applied.
- 1.1.8 No (0) dust trigger alerts were recorded during the monitoring period (January 2026).
- 1.1.9 Data capture was below 90% for multiple monitors due to:
- BRD001 experienced technical issues. A dust full work up was carried out on 21st January 2026. The issues continue to be under investigation.
 - AFE002 experienced power supply issues. A battery refresh took place on 30th January 2026. After the site visit, the issues were resolved.
 - CHBS001 experienced power supply issues. A battery refresh took place on 21st January 2026. After the site visit, the issues were resolved.
 - GLD002 experienced power supply issues. A battery refresh is scheduled for 19th February 2026.
 - MLE002 experienced power supply issues. A battery refresh is scheduled for 13th February 2026.
- 1.1.10 Table 1 provides a summary of the complaint information relating to dust or air quality received during the reporting period, together with the findings of any related investigations.

Table 1: Summary of complaints received during January 2026

Complaint Reference No.	Worksite Reference	Description of complaint	Results of investigation
HS2-26-47034-C	N/A	Fishy odour in the area, and banging in the night.	Noise due to overnight bridge works, which were consented. All mitigation measures are in place to reduce the noise to residents. All noise monitors checked and no exceedances were recorded. The odour has been thoroughly investigated and does not pose a risk to the public, a layer of soil has been used to cover the lime, causing the odour. Resident has been updated.

Appendix A – Worksites and Monitoring Locations

Figures 1 and 2: Worksites and Monitoring Locations within NWBC



Legend


- Dust Monitor
- District Borough Unitary Boundaries
- Worksite

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Contains data from OS Zoomstack

Map Number

Map Name
**Worksite and Monitoring Locations
In NWBC (Sheet 1)**


North Warwickshire Borough




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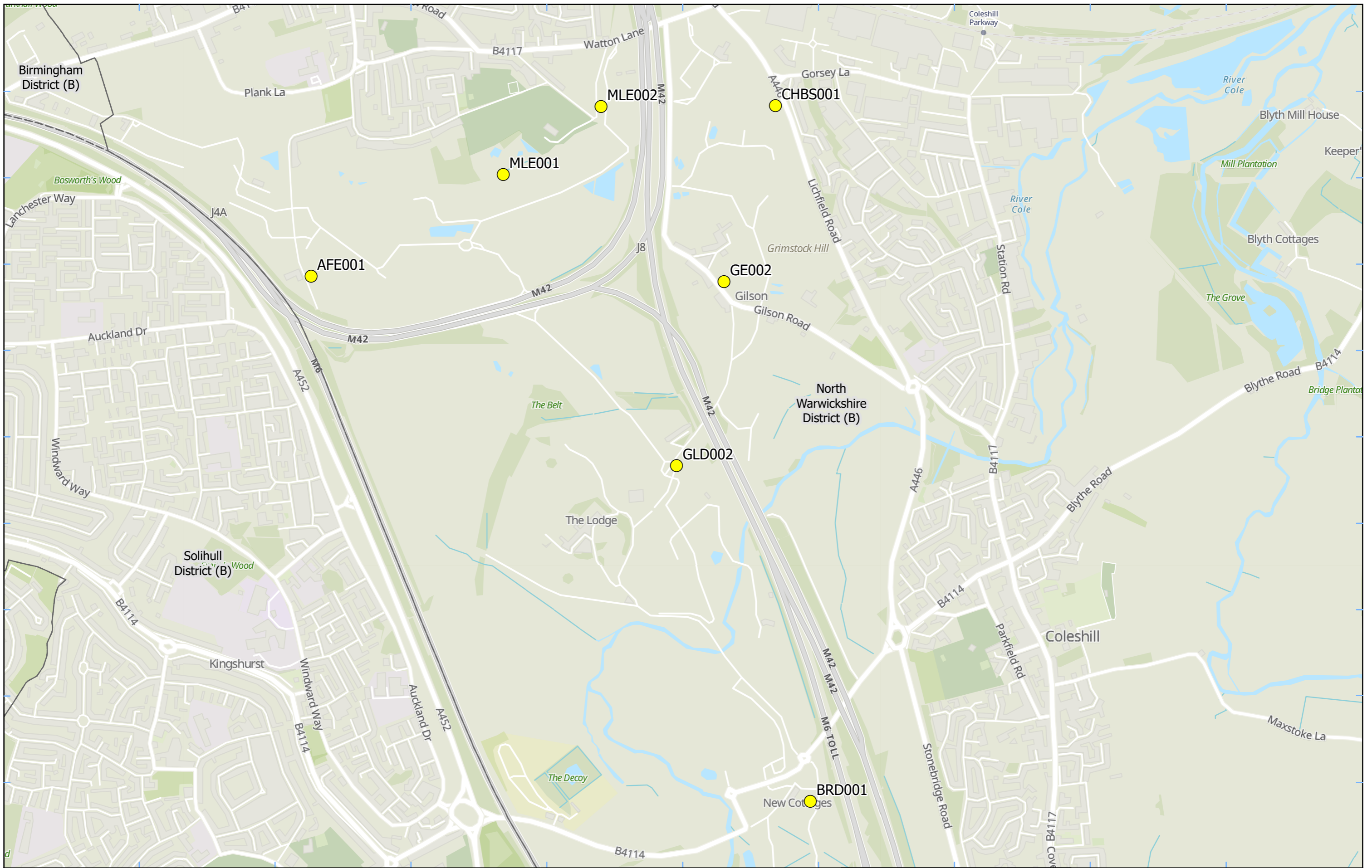
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Metres

Date: 19/12/24

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Legend
 Dust Monitor
 District Borough Unitary Boundaries

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Map Number
 Map Name
**Monitoring Locations
 In NWBC (Sheet 2)**
 North Warwickshire Borough

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Metres

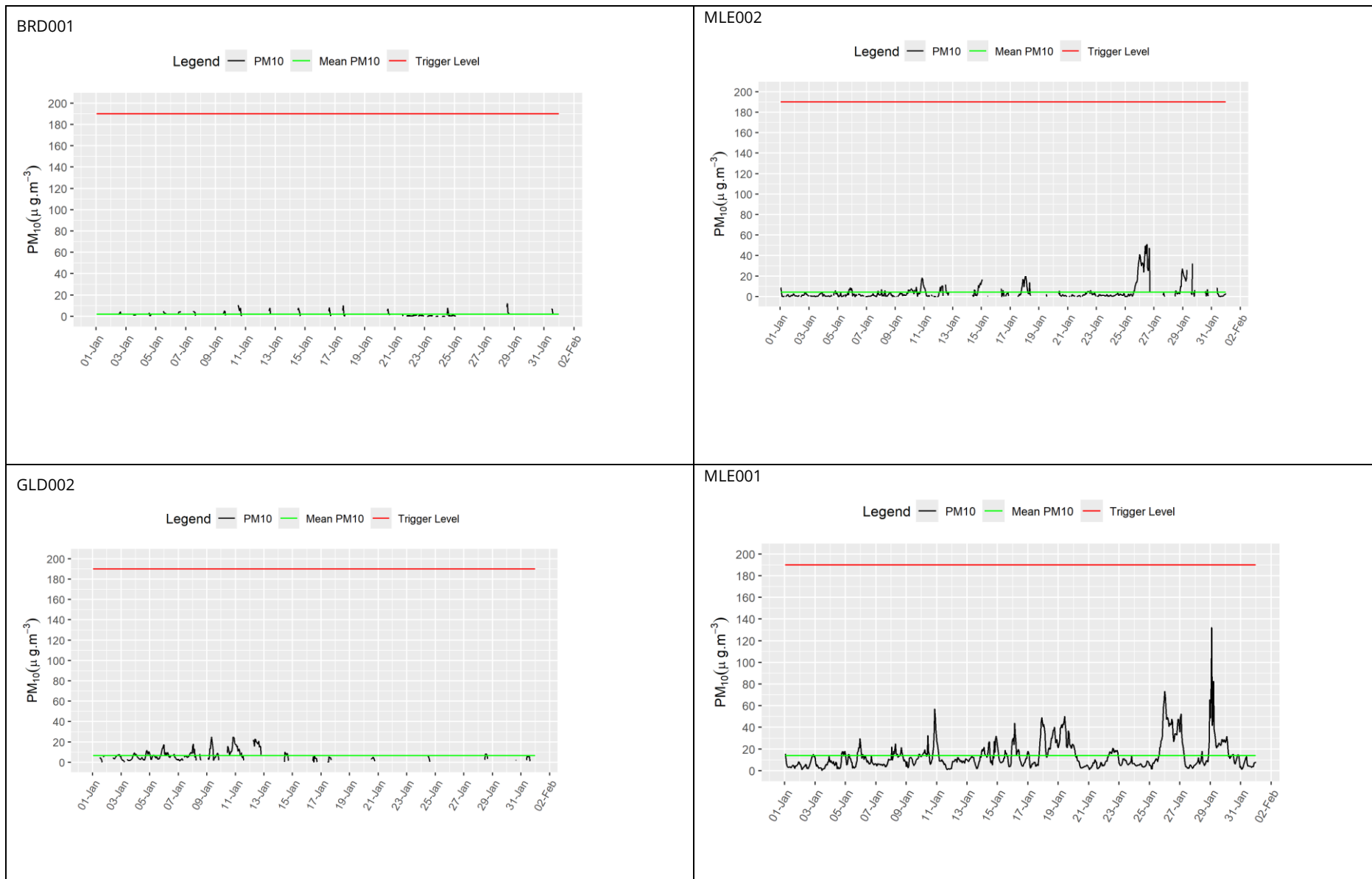
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Appendix B – Dust Monitoring Results

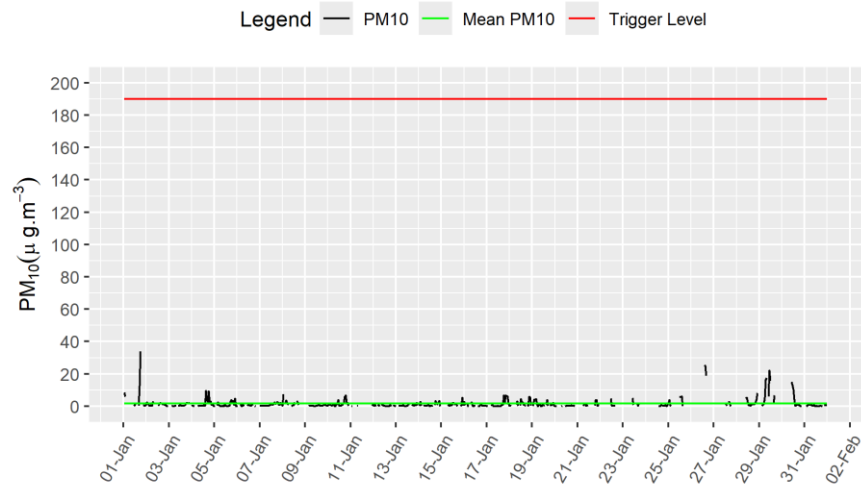
Table 2: Dust Monitoring Locations and Results

Monitoring site ID	Coordinates (X,Y)	Location description	Dust risk rating for site	Monitoring site active during period	Change to site since previous period report	Mean 1-hour PM ₁₀ concentration (µg/m ³)	Minimum 1-hour PM ₁₀ concentration (µg/m ³)	Maximum 1-hour PM ₁₀ concentration (µg/m ³)	Number of 1- hour periods exceeding trigger level of 190 µg/m ³	Data capture (%)
BRD001	419279, 288315	New Cottage, Birmingham Road, Coleshill	L	Yes	No	1.9	0.1	16.6	0	32.4
GLD002	418811, 289490	Gilson Drive	L	Yes	Yes	6.6	0.1	24.8	0	37.9
MLE001	418205, 290509	Vicarage Lane	L	Yes	No	13.8	0.4	132.2	0	100.0
AFE002	417533, 290153	Attleboro Farm, Attleboro Lane	L	Yes	No	1.7	0.1	46.7	0	66.5
GE002	418977, 290134	Lovegrove Cottage, Gilson Road	M	Yes	No	14.1	1.5	86.5	0	100.0
CHBS001	419157, 290750	6 Gorsey Way, Lichfield Road	L	Yes	No	5.7	0.1	26.5	0	74.1
MLE002	418547, 290747	Rugby Club	L	Yes	No	4.3	0.1	51.0	0	72.8

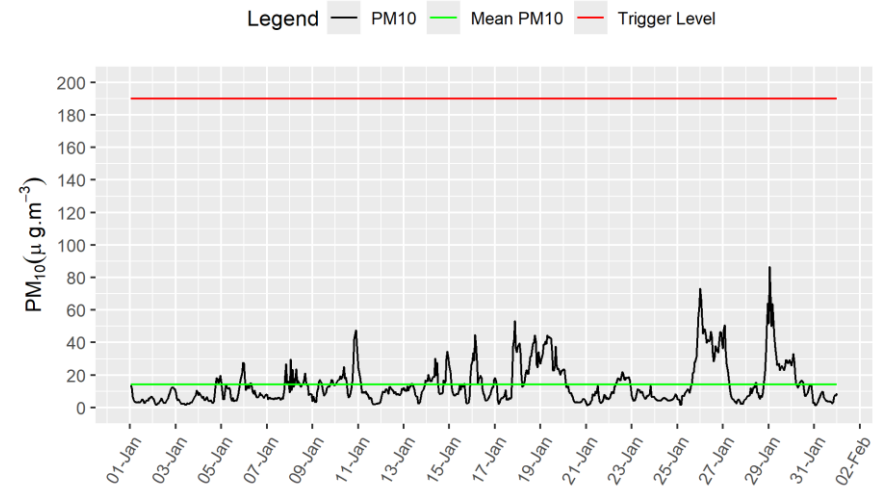
Figure 3: Construction dust 1-hour mean indicative PM₁₀ concentration for all dust monitors



AFE002



GE002



CHBS001

