

Air Quality and Dust Monitoring Monthly Report – February 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.

High Speed Two (HS2) Limited,
Two Snowhill
Snow Hill Queensway
Birmingham B4 6GA

Telephone: 08081 434 434

General email enquiries: HS2enquiries@hs2.org.uk

Website: www.gov.uk/hs2

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

High Speed Two (HS2) Limited has actively considered the needs of blind and partially sighted people in accessing this document. The text will be made available in full on the HS2 website. The text may be freely downloaded and translated by individuals or organisations for conversion into other accessible formats. If you have other needs in this regard please contact High Speed Two (HS2) Limited.

© High Speed Two (HS2) Limited, 2026, except where otherwise stated. Copyright in the typographical arrangement rests with High Speed Two (HS2) Limited.

This information is licensed under the Open Government Licence v3.0. To view this licence, visit www.nationalarchives.gov.uk/doc/open-government-licence/version/3 **OGL** or write to the Information Policy Team, The National Archives, Kew, London TW9 4DU, or e-mail: psi@nationalarchives.gsi.gov.uk. Where we have identified any third-party copyright information you will need to obtain permission from the copyright holders concerned.



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 dust monitoring undertaken in North Warwickshire Borough Council (NWBC) during February 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

- Piling platform – part of LTP.
- SB3 rigid inclusion.
- Gilson Road realignment works.
- Coleshill North Platform construction.

Attleboro Lane Overbridge

- Batter trimming.
- Topsoil placement.
- Drainage ditch excavation.

Sublot 7

Faraday Avenue Embankment and Underbridge

- Deck erection.
- Parapets installations.

Marston Box

- No BBV works activities occurred during February 2026.

Sublot 6NC

Marsh Lane Embankment

- Concrete pours.
- Steel fixing.

Sublot 5N

Chattle Hill Box Structure

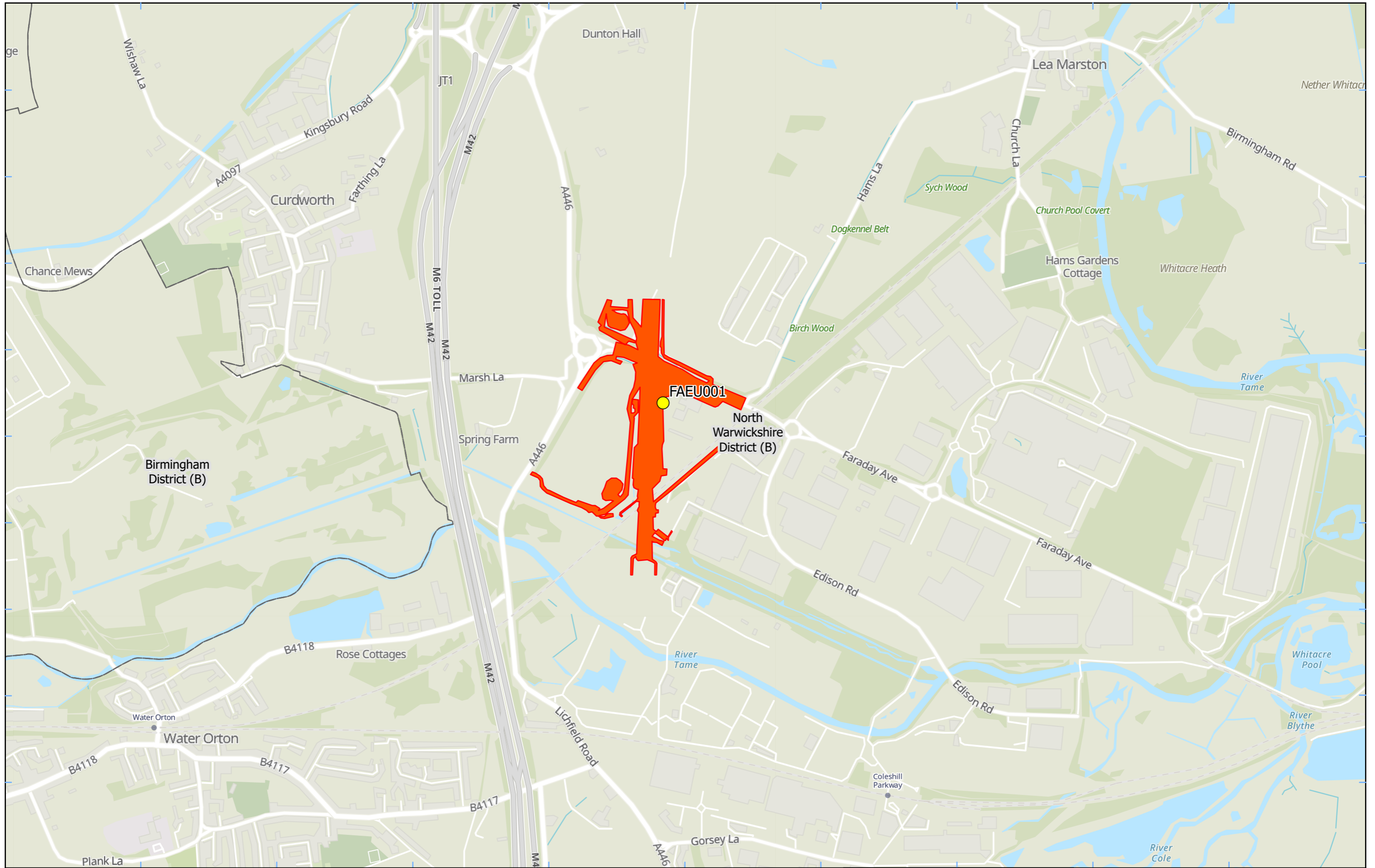
- No BBV works activities occurred during February 2026.

- 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 1, 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 (February 2026).
- 1.1.9 Data capture was below 90% for multiple monitors due to:
- Monitor BRD001 – A battery refresh took place on 17th February 2026. After the site visit, the issues were resolved.
 - Monitor CHBS001 – There were access issues due to ground conditions when a battery refresh was attempted. A battery refresh is being rescheduled.
 - Monitor GE002 – A battery refresh took place on 19th February 2026. After the site visit, the issues were resolved.
 - Monitor GLD002 – A battery refresh took place on 19th February 2026. After the site visit, the issues were resolved.
 - Monitor MLE001 – A battery refresh took place on 4th February 2026. After the site visit, the issues were resolved.
 - Monitor MLE002 – A battery refresh took place on 13th February 2026. After the site visit, the issues were resolved.

There were no (0) complaints received during this reporting period (February 2026).

Appendix A – Worksites and Monitoring Locations

Figures 1 and 2: Worksites and Monitoring Locations within NWBC



Legend

- Dust Monitor
- District Borough Unitary Boundaries
- Worksite

Service Layer Credits: GB Topographic: Contains OS data © Crown Copyright and database right 2023
Contains data from OS Zoomstack

Map Number

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

North Warwickshire Borough

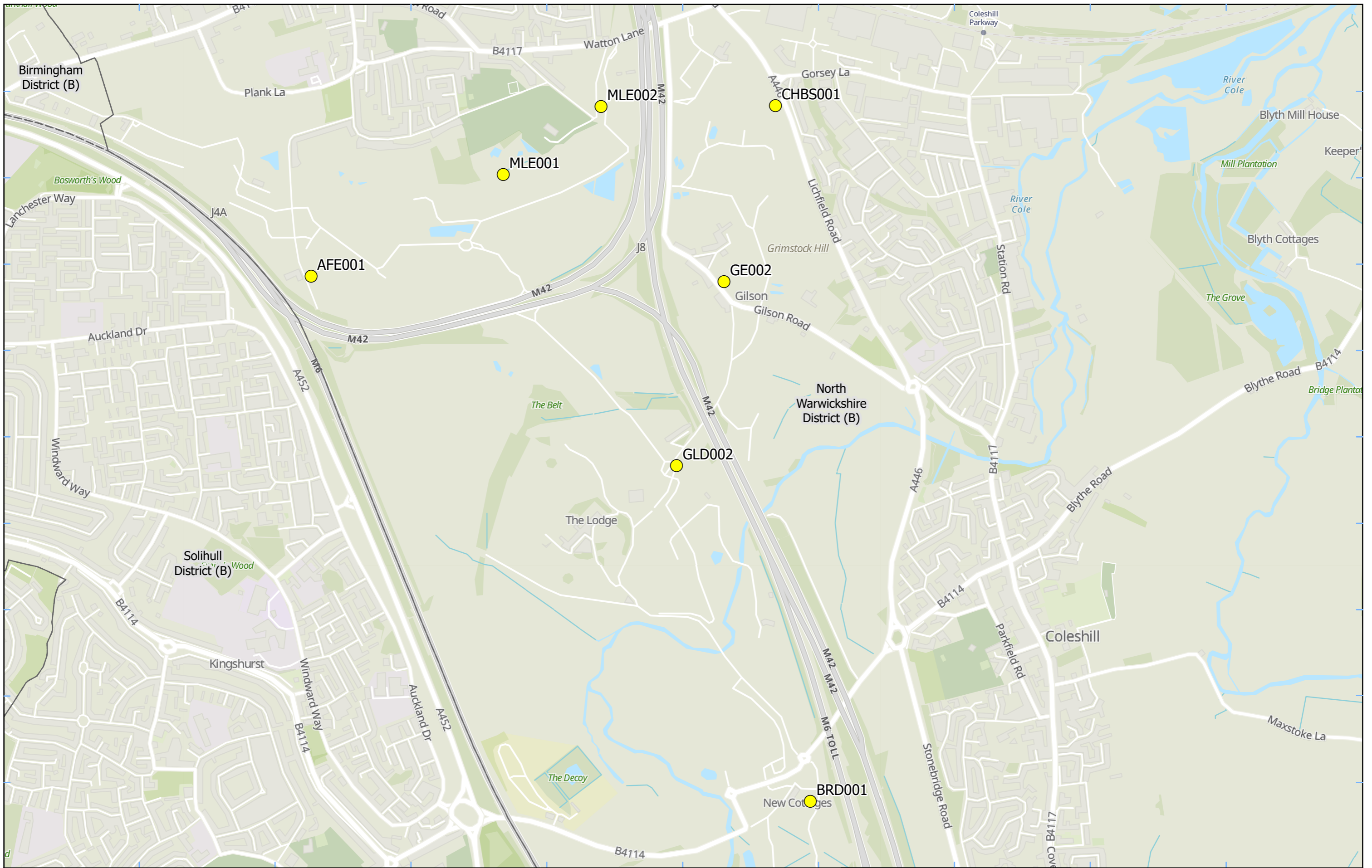
HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: 2 Snowhill, Queensway,
Birmingham B4 6GA.

Scale at A3: 1:11,000

© Crown copyright and database rights 2024.
Ordnance Survey Licence Number 100049190.

Doc Number: **Date:** 19/12/24



Legend
 Dust Monitor
 District Borough Unitary Boundaries

Service Layer Credits: GB Topographic: Contains OS data © Crown Copyright and database right 2025
 Contains data from OS Zoomstack

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

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
 Registered office: 2 Snowhill, Queensway, Birmingham B4 6GA.

© Crown copyright and database rights 2025.
 Ordnance Survey Licence Number 100049190.

Scale at A3: 1:12,000
 Metres
 Date: 30/09/25

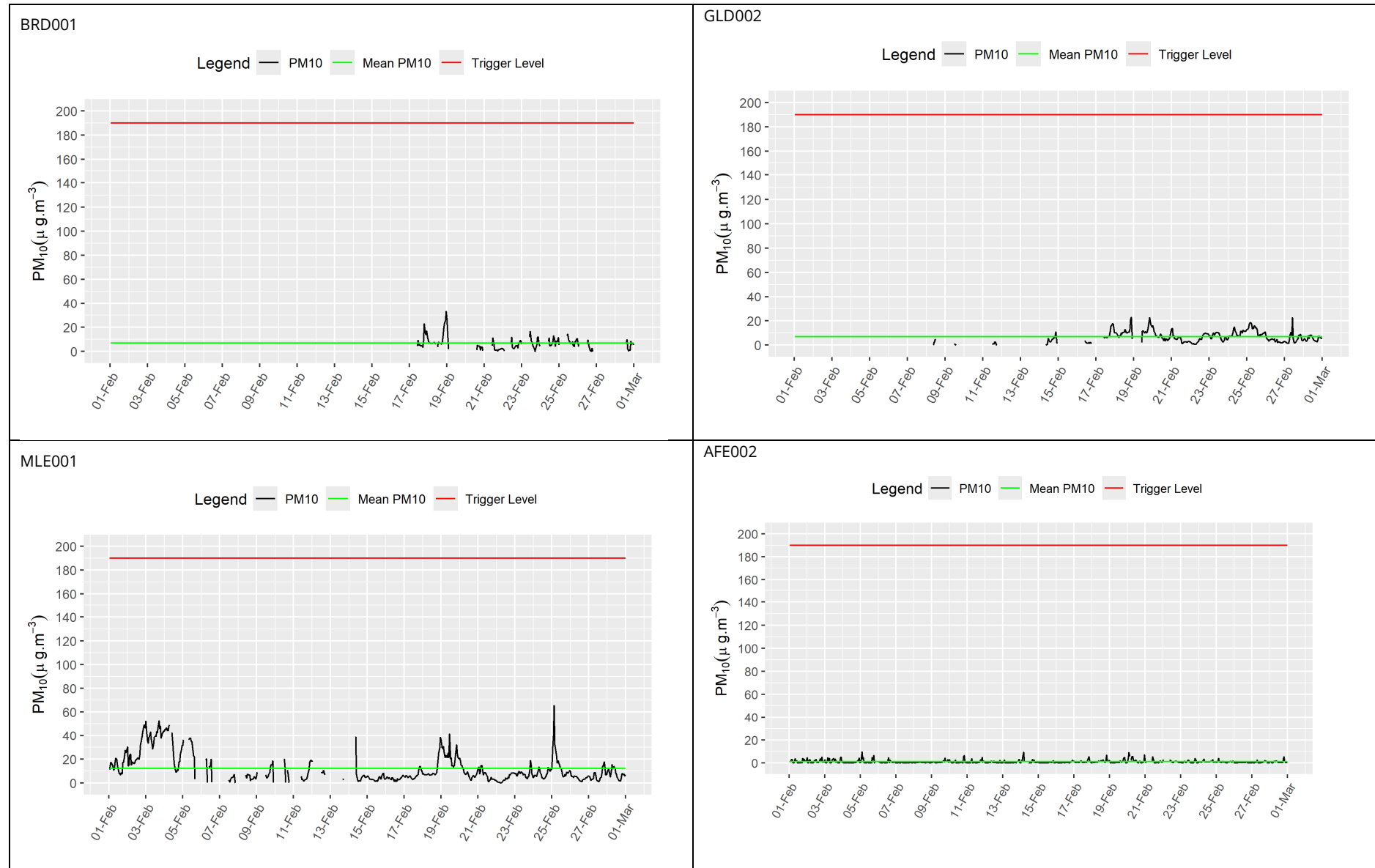
Doc Number:

Appendix B – Dust Monitoring Results

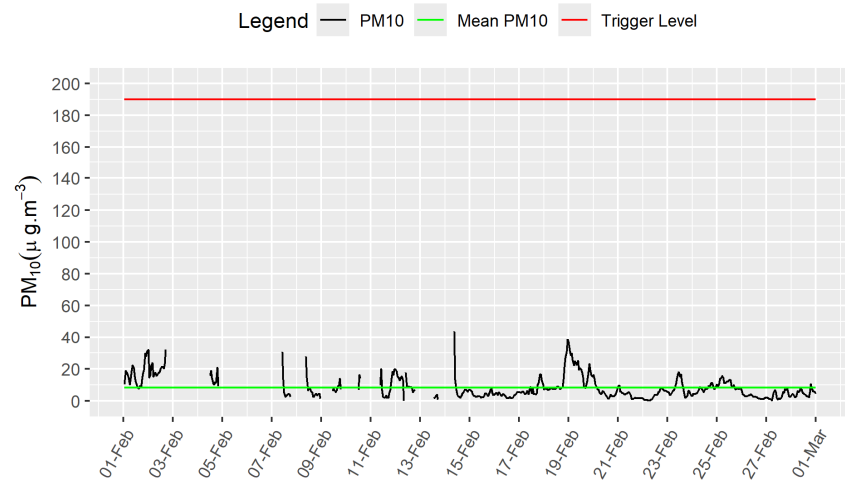
Table 1: Dust Monitoring Locations and Results

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	6.7	0.1	33.0	0	21.4
GLD002	418811, 289490	Gilson Drive	L	Yes	Yes	6.9	0.1	22.7	0	45.2
MLE001	418205, 290509	Vicarage Lane	L	Yes	No	12.2	0.1	65.5	0	78.9
AFE002	417533, 290153	Attleboro Farm, Attleboro Lane	L	Yes	No	1.0	0.1	9.7	0	97.3
GE002	418977, 290134	Lovegrove Cottage, Gilson Road	M	Yes	No	8.4	0.2	65.5	0	71.0
CHBS001	419157, 290750	6 Gorsey Way, Lichfield Road	L	Yes	No	4.9	0.1	28.2	0	53.1
MLE002	418547, 290747	Rugby Club	L	Yes	No	2.7	0.1	23.9	0	59.7

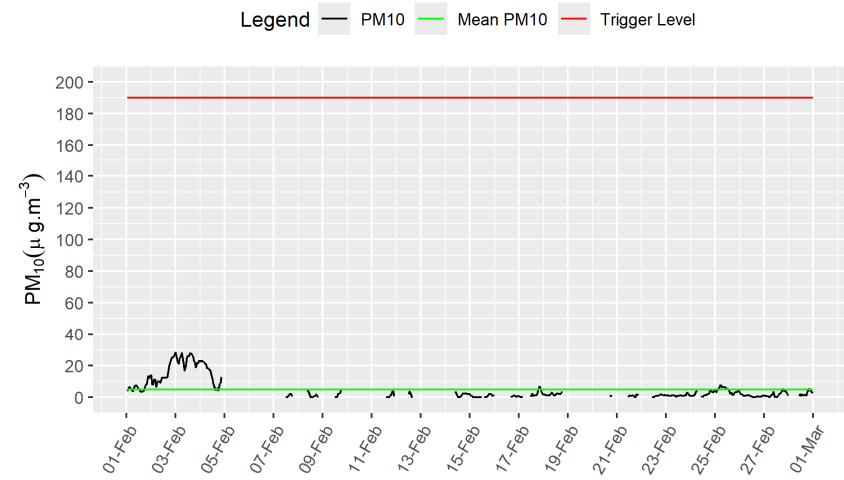
Figure 3: Construction dust 1-hour mean indicative PM₁₀ concentration for all dust monitors



GE002



CHBS001



MLE002

