

Air Quality and Dust Monitoring Monthly Report – April 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 April 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

- Gilson Road and Gilson Drive realignment (including drainage works, kerb work, tarmac works, technical backfill and LEF).

Attleboro Lane Overbridge

- No works occurred during April 2026.

Sublot 7

Faraday Avenue Embankment and Underbridge

- W01 Deck – Span 25 to 27 segments erected.
- W02 Deck – Span 23 to 25 segments erected.
- RTWDT – Span 1 to 2 erected.
- RTE – swivel crane assembled.
- Area 0 – Mast assembly and segment delivery / preparation.

Marston Box

- No BBV works activities occurred during April 2026.

Sublot 6NC

- No BBV works activities occurred during April 2026.

Sublot 5N

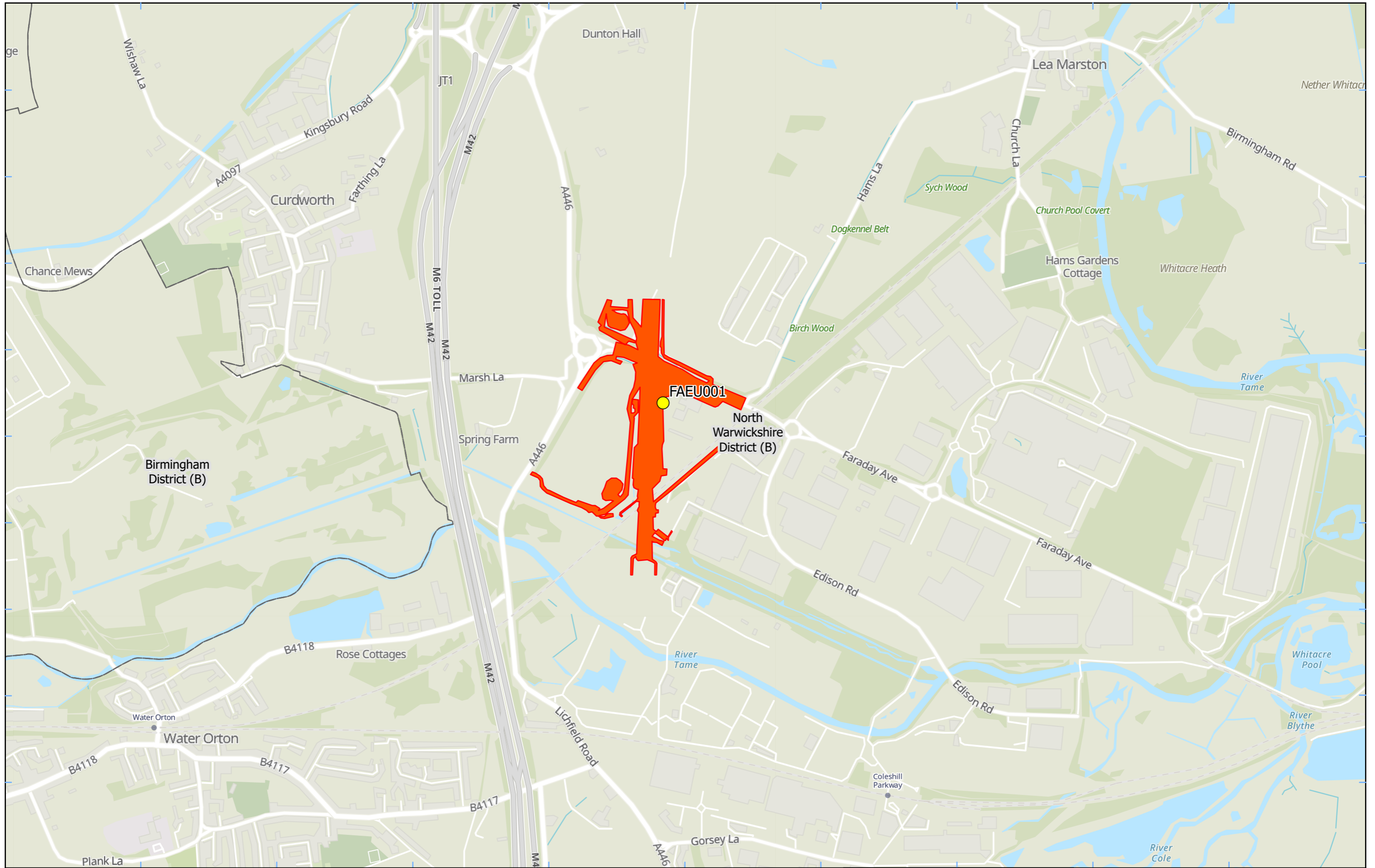
Chattle Hill Box Structure

- No BBV works activities occurred during April 2026.

- 1.1.5 Eight (8) 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 (April 2026).
- 1.1.9 Data capture was below 90% for multiple monitors due to:
- Monitor AFE002 – A monitor swap out was carried out on 21st April 2026, and a field calibration was carried out on 24th April 2026. After the site visits, the issues were resolved.
 - Monitor BRD001 – A battery refresh and field calibration took place on 23rd April 2026. After the site visit, the issues were resolved.
- 1.1.10 There were no (0) complaints received during this reporting period (April 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

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Map Number

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

North Warwickshire Borough

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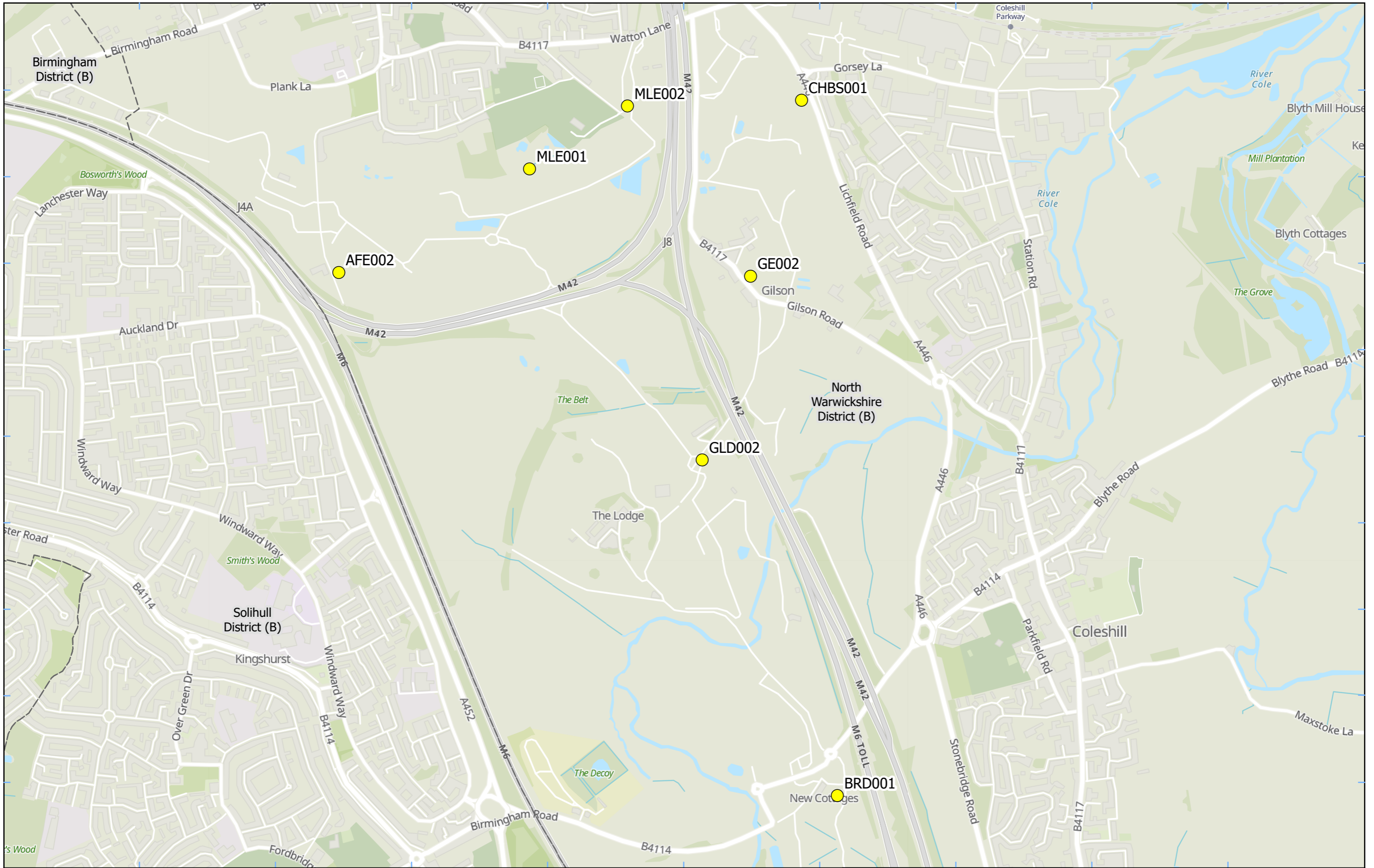
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Legend

- 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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0 120 240 360 480
Metres

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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	419262, 288328	New Cottage, Birmingham Road, Coleshill	L	Yes	No	6.3	0.1	39.0	0	87.6
FAEU001	419164, 292273	Faraday Avenue Embankment and Underbridge, at Orchard Cottage	L	Yes	No	7.2	0.4	60.9	0	100.0
GLD002	418807, 289570	Gilson Drive	L	Yes	No	9.7	0.5	61.7	0	100.0
MLE001	418205, 290509	Vicarage Lane	L	Yes	No	8.7	0.5	39.6	0	100.0
AFE002	417455, 290269	Attleboro Farm, Attleboro Lane	L	Yes	No	17.3	0.5	153.9	0	31.8
GE002	418886, 290192	Lovegrove Cottage, Gilson Road	M	Yes	No	7.1	0.4	35.3	0	100.0
CHBS001	419155, 290755	6 Gorsey Way, Lichfield Road	L	Yes	No	1.4	0.1	9.0	0	96.4
MLE002	418547, 290747	Rugby Club	L	Yes	No	13.7	1.3	49.8	0	100.0

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



