

Air Quality and Dust Monitoring Monthly Report – March 2026

Warwick District 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 within Warwick District Council (WDC) during March 2026.
- 1.1.2 Figure 1 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 Appendix A, Figure 1, include:

Sublot 2A2

Fosse Way Main – Long Itchington Road

- Offchurch cycle bridge concrete pours.
- Drainage works and earthwork movements.
- Utilities finalisation for road realignment.
- Site maintenance and site deliveries.

Stoneleigh Park

- Stonehouse site maintenance.
- Earthworks technical backfilling.
- Parapet delivery.
- Dig and replace.
- Capping layer and subbase completion.
- Highway drainage works.

Cubbington Compound Worksite

- Installation of parapets.
- Pouring of stitch.
- Sheet-pile installation.
- Pour for AB3 north and south wingwalls.
- Concrete finishing to abutments and piers.
- Stitch installation.
- Repair works to AB0.

- Drainage activity for connecting pipes along Rugby Road.

Sublot 2B2

Burton Green Tunnel

- South portal piling platform construction.
- South portal beam installation.

Broadwell Woods Caravan Park

- Sitewide drainage maintenance.

Welsh Road Underbridge Satellite Compound (Sublot 2AS)

Offchurch Cutting – Welsh Road Farm

- Site deliveries for Longhole viaduct.
- Earthworks movement.
- Drainage works.

Offchurch Cutting – Valley Fields

- Hunningham Road realignment.
- Road construction.
- Curb construction.
- Earthworks and plant movement.

Offchurch Cutting – Brickyard Cottage

- Site deliveries for Longhole viaduct.
- Earthworks movement.
- Drainage works.

Sublot 2B1

Kenilworth Road Overbridge – Millburn Grange

- Structural work for Canley Pumping Station wet wall.
- Kenilworth mainline cut.
- Exporting class 2 off site with road wagons.

Kenilworth Road Overbridge - Brookview

- Canley Brook Viaduct parapet installation.
- Canley Brook Embankment 1 & 2 technical backfill.
- Canley Brook Embankment 1 & 2 dig and replace.
- Upper embankment fill.

Kenilworth Road Overbridge – 16 Kenilworth Road

- No BBV works activities took place during March 2026.

1.1.5 Four (4) 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 2. 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 (March 2026).

1.1.9 Data capture was below 90% for multiple monitors due to:

- Monitor 2B1002 – A field calibration and battery refresh were done on 13th March 2026. After this site visit, the power supply issues were resolved.
- Monitor 2B2002 – A battery refresh was done on 10th March 2026, and a field calibration was done on 20th March 2026. After these site visits, the power supply issues were resolved.

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.

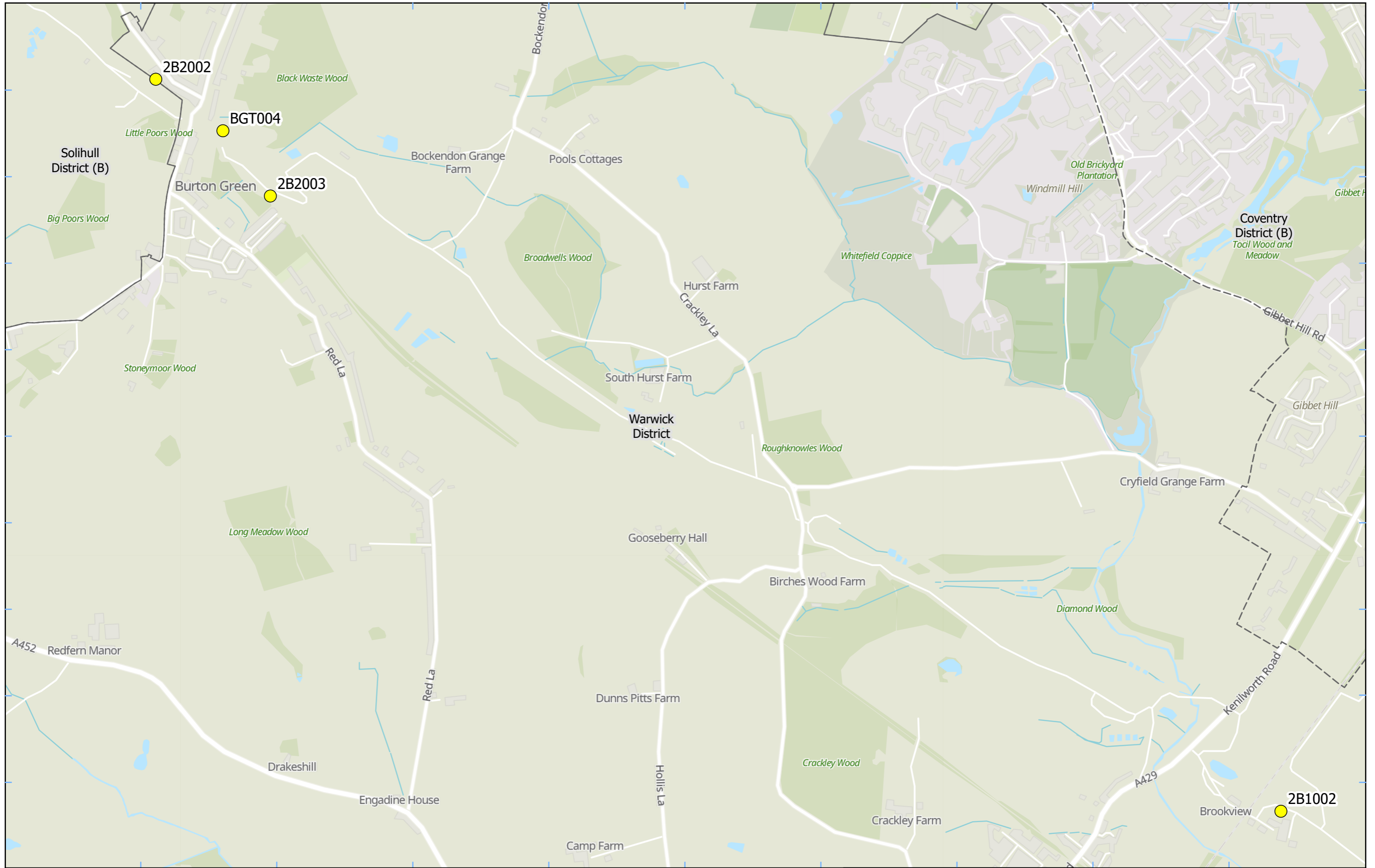
Table 1: Summary of complaints received during March 2026

Complaint Reference No.	Worksite Reference	Description of complaint	Results of investigation
HS2-26-47150-C	N/A	Personnel property covered in dust.	Works carried out in accordance with Best Practicable Means (BPM) to reduce dust emissions. As part of this BPM process contractors conduct ongoing management, monitoring and mitigation of potential dust emissions including damping down of work areas, continuous monitoring of wind speed, direction, and dust levels, deployment of water cannons and suspension of earthmoving activities during high winds. All monitoring equipment has been checked and no exceedances were recorded. Resident has been updated.

Appendix A – Worksites and Monitoring Locations

Figure 1: Worksites and Monitoring Locations within WDC





Legend

- Dust Monitor
- District Borough Unitary Boundaries

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Map Number

Map Name
**Monitoring Locations
In WDC (Sheet 1)**

Warwick District Council

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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 (%)
2B2002	426768, 276023	Sublot 2B2, at nearest sensitive receptor on Hodgetts Lane	M	Yes	No	8.8	0.1	65.3	0	81.5
2B2003	427135, 275649	Sublot 2B2, at Broadwell Woods Caravan Park	M	Yes	No	9.9	0.1	47.1	0	95.8
2B1002	430371, 273678	Sublot 2B1, at Brookview Farm, Millburn Grange	M	Yes	No	6.4	0.1	31.4	0	80.5
BGT004	426983, 275858	301 Cromwell Lane, Burton Green	M	Yes	No	9.9	0.1	52.9	0	99.1

Figure 2: Construction dust 1-hour mean indicative PM₁₀ concentration for all dust monitors

