

Air Quality and Dust Monitoring Monthly Report – July 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 July 2026.
- 1.1.2 Figures 1 to Figure 3 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, Figures 1 to 3, include:

Sublot 2A2

Fosse Way Main – Long Itchington Road

- Drainage Springhull Fosseway headwall installation.
- HSR stabilisation and drainage blanket.

Stoneleigh Park– East Lodge

- Stoneleigh Park drainage works.
- Sloped capping beam (north AB1) - remove scaffold access.
- Sloped capping beam (north AB0) strike formwork.
- Breaking of pile arising (south AB0 & AB1).
- Sykes deliveries and installation of pump and pipe works.
- Manhole connection and sewer pipe diversion.
- Concrete repair for deck soffit.
- Earthworks excavating north and south of South Accommodation Overbridge.
- Earthworks - technical backfill between wingwalls.
- Wingwalls waterproofing.

Cubbington Compound Worksite

Rugby Road:

- Earthworks - Batter trimming and landscaping.
- Vehicle Restraint System installation.
- Footway construction.
- Drainage stub installation.

- Pond backfill.

W129d:

- Foundation dig & replace.
- Concrete binding.
- Steel fixing and installation of formwork for foundation.

W130:

- Concrete binding.
- River Leam Viaduct.
- Scour protection mobilisation.
- Deck waterproofing.
- AB0 draining installation.

Leicester Lane:

- Subsurface drainage on AB3 and AB0.
- Leicester Lane West Culvert.
- Leicester Lane Temporary Pond Cleaning.
- Earthworks - technical backfill.
- Strimming and topsoil removal.
- Deck waterproofing works.

Burton Green Tunnel (Sublot 2B2)

Burton Green Tunnel

- Cromwell lane realignment works.
- Vacuum excavation for utility diversion works.
- Technical backfill and reinstatement works.

Broadwell Woods Caravan Park

- Burton green tunnel works.
- Firetank building works.

Welsh Road Underbridge Satellite Compound (Sublot 2AS)

Offchurch Cutting – Welsh Road Farm

- Grand Union Canal track drainage.
- Earthworks resoiling activities.

Offchurch Cutting – Valley Fields

- Embankments technical backfill & access tracks for east and west for National Grid Electricity Distribution.
- Valley Fields driveway vac x and road box.
- Hunningham Culvert excavation.
- Milling old Hunningham Road.

Offchurch Cutting – Brickyard Cottage

- Drainage Springhull Fosseway headwall installation.
- HSR stabilisation and drainage blanket.

A429 Kenilworth Road Overbridge (Sublot 2B1)

Millburn Grange

- Canley Pumping Station Construction Works.
- Haul road and platform construction.
- Dig and replace, cut and fill.
- A429 Drainage works.

Brookview

- Canley Pumping Station Construction Works.
- Kenilworth South dig and replace, cut and fill.
- Haul road and platform construction.

16 Kenilworth Road

- A429 roadhead crushing works.
- Haul road and platform construction.

Sublot 2A3

Kingswood Farmhouse

- Glasshouse drainage – PMUK – South K29.

A46 Barns

- CS reinforced earthworks - east & west.
- K29 piers.
- FBV robust kerb / plinths.
- DHL & FBV parapet stiches.

Four Winds

- ACS reinforced earthworks - east & west.
- K29 piers.
- FBV robust kerb / plinths.
- DHL & FBV parapet stiches.

1.1.5 Twelve (12) 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 4. 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 Details of the trigger alert investigations and remediations are presented in Appendix B, Table 2.
- 1.1.9 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.

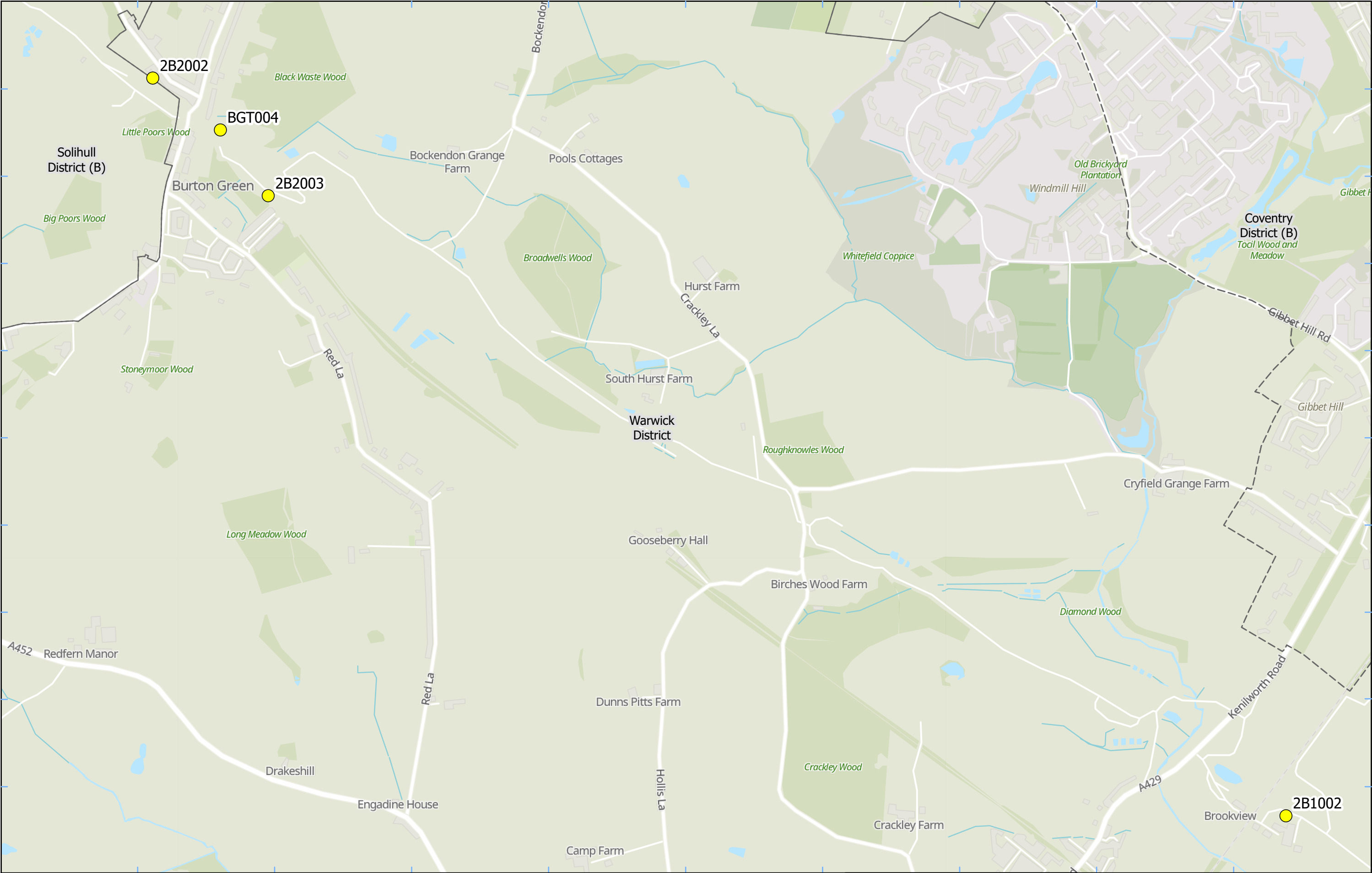
Table 1: Summary of complaints received during July 2026

Complaint Reference No.	Worksite Reference	Description of complaint	Results of investigation
HS2-26-47517-C	N/A	Increased amount of dust in the area.	Dust arising from construction activities is monitored and managed through a range of mitigation measures. These measures include site inspections, environmental monitoring and dust suppression activities, which are undertaken to minimise impacts on local communities wherever reasonably practicable. No exceedances have been recorded in the area. Based on the location of the property, this falls outside the eligibility boundary for both the car cleaning voucher and window cleaning scheme and is therefore not eligible to receive this service at this time. Resident has been informed.
HS2-26-47525-C	N/A	Dust and dirt build up on property.	Dust arising from construction activities is monitored and managed through a range of mitigation measures. These measures include site inspections, environmental monitoring and dust suppression activities, which are undertaken to minimise impacts on local communities wherever reasonably practicable. No exceedances have been recorded in the area. Based on the location of the property, this falls outside the eligibility boundary for both the car cleaning voucher and window cleaning scheme and is therefore not eligible to receive this service at this time. Resident has been informed.
HS2-26-47572-C	N/A	Dust covering the surrounding area.	Resident has been assured that during the current dry spell that dust suppression is a priority, and our Environmental and Delivery Teams are working together to ensure mitigation measures are in place and monitoring systems are fully operational. No Exceedances have been recorded.

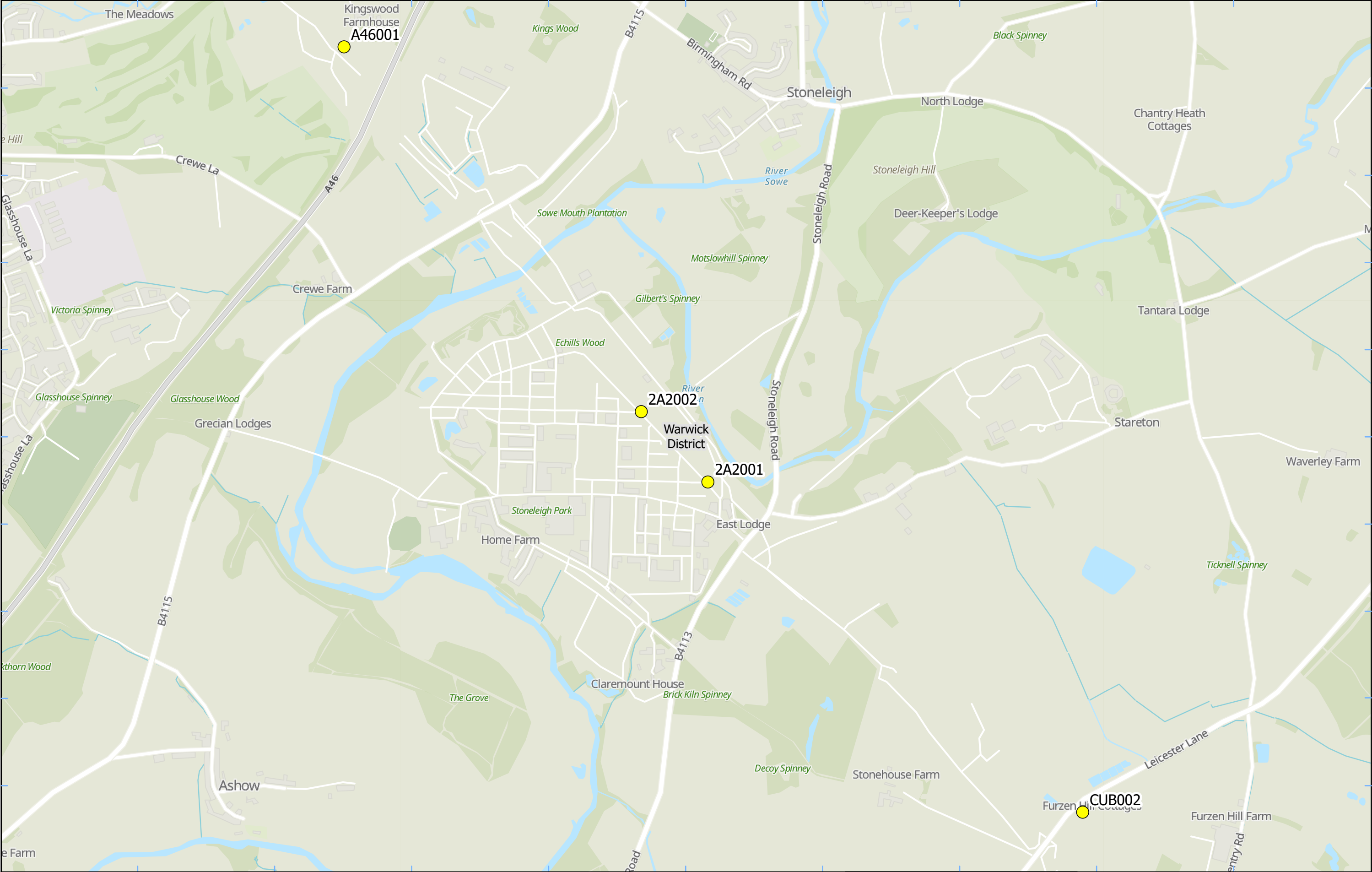
HS2-26-47581-C	N/A	Dust all over personal property.	Resident has been assured that during the current dry spell that dust suppression is a priority, and our Environmental and Delivery Teams are working together to ensure mitigation measures are in place and monitoring systems are fully operational. No Exceedances have been recorded.
HS2-26-47585-C	N/A	Dust and dirt everywhere.	Dust arising from construction activities is monitored and managed through a range of mitigation measures. These measures include site inspections, environmental monitoring and dust suppression activities, which are undertaken to minimise impacts on local communities wherever reasonably practicable. No exceedances have been recorded in the area. Based on the location of the property, this falls outside the eligibility boundary for both the car cleaning voucher and window cleaning scheme and is therefore not eligible to receive this service at this time. Resident has been informed.

Appendix A – Worksites and Monitoring Locations

Figures 1-3: Worksites and Monitoring Locations within WDC



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	hs2 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.
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Legend

Dust Monitor

District Borough Unitary Boundaries

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Map Number

Map Name

**Monitoring Locations
In WDC (Sheet 2)**

Warwick District

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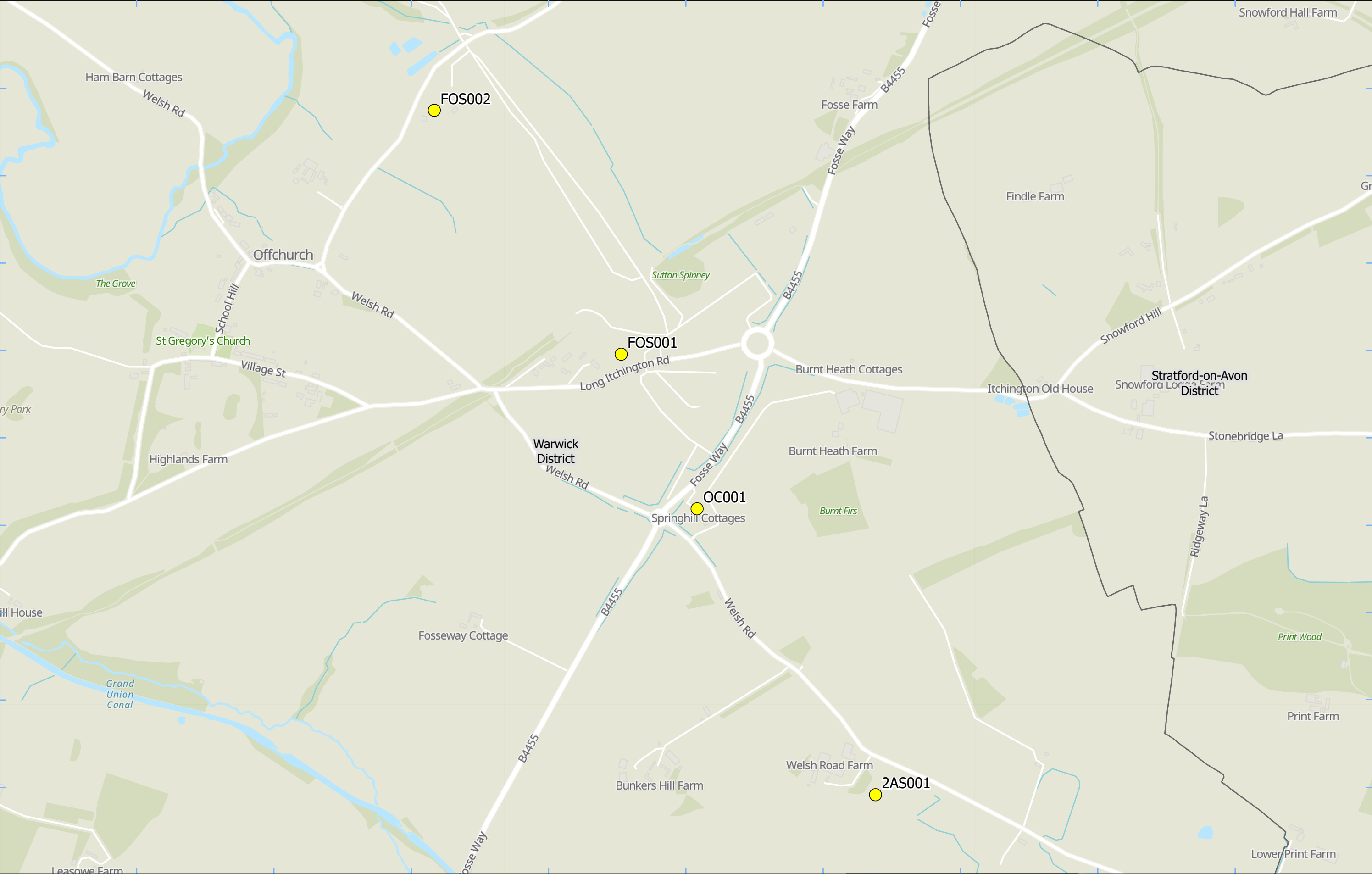
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Scale at A3: 1:12,000

Metres

Date: 30/09/25



Legend

 Dust Monitor

 District Borough Unitary Boundaries

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Map Number
Map Name
Monitoring Locations In WDC (Sheet 3)
Warwick District Council



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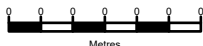
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Metres

Date: 26/09/24

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 (%)
2A2001	432797, 271427	East Lodge, Stoneleigh Park	M	Yes	No	12.9	0.2	108.8	0	100.0
2A2002	432566, 271671	East Lodge, Stoneleigh Park	M	Yes	No	20.8	0.1	510.7	8	100.0
2B2002	426768, 276023	Sublot 2B2, at nearest sensitive receptor on Hodgetts Lane	M	Yes	No	10.0	0.2	198.7	1	99.9
2B2003	427135, 275649	Sublot 2B2, at Broadwell Woods Caravan Park	M	Yes	No	8.7	0.1	45.6	0	100.0
2B1002	430371, 273678	Sublot 2B1, at Brookview Farm, Millburn Grange	M	Yes	No	10.3	0.2	49.2	0	100.0
2AS001	437578, 264581	Sublot 2AS, at Welsh Road Farm	M	Yes	No	11.3	0.1	99.1	0	100.0
OC001	437205, 265256	Springhill Cottages, Offchurch Cutting	M	Yes	No	9.1	0.1	69.2	0	100.0
CUB002	434097, 270282	Sublot 2A2, at Furzon Hill Cottages	L	Yes	No	11.9	0.1	227.3	1	100.0
FOS001	436912, 265643	Fosse Way Compound, on Long Itchington Road	M	Yes	No	8.3	0.1	67.9	0	100.0
FOS002	436506, 266235	Valley Fields, Fosse Way Main	L	Yes	No	10.1	0.2	111.6	0	100.0
BGT004	426983, 275858	301 Cromwell Lane, Burton Green	M	Yes	No	7.9	0.8	42.5	0	99.5
A46001	431535, 272936	Sublot 2A3, A46, Kingswood Farmhouse	M	Yes	No	9.1	0.1	46.0	0	100.0

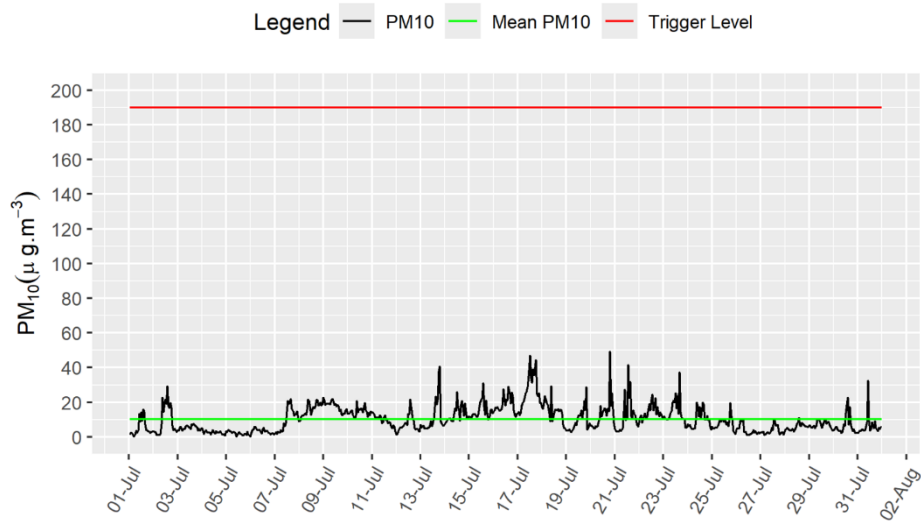
Table 2: Summary of exceedances during period (July 2026)

Monitoring Site ID	Period of trigger alert & Concentration recorded	Investigation	Outcomes / Resolution / Remedial measures implemented
2A2002	14/07/2026: 13:00 – 13:59; 199.5 $\mu\text{g m}^{-3}$ 21/07/2026: 14:00 – 14:59; 410.1 $\mu\text{g m}^{-3}$ 16:00 – 16:59; 228.8 $\mu\text{g m}^{-3}$ 25/07/2026: 10:00 – 10:59; 221.8 $\mu\text{g m}^{-3}$ 11:00 – 11:59; 216.4 $\mu\text{g m}^{-3}$ 12:00 – 12:59; 236.6 $\mu\text{g m}^{-3}$ 13:00 – 13:59; 510.7 $\mu\text{g m}^{-3}$ 27/07/2026: 11:00 – 11:59; 211.6 $\mu\text{g m}^{-3}$	Investigation determined that the elevated dust levels were attributable to stockpiled material that had been relocated in close proximity to the monitoring equipment.	Dust suppression measures, including the use of water bowsters, were in place throughout the period.
2B2002	20/07/2026: 14:00 – 15:00; 198.7 $\mu\text{g m}^{-3}$	Investigation confirmed that the recorded exceedance was not associated with BBV construction activities.	No further action was required.
CUB002	29/07/2026: 16:00 – 17:00; 227.3 $\mu\text{g m}^{-3}$	Investigation identified earthworks activities in the Leicester Lane area as the likely source of the elevated dust concentrations.	The frequency of dust suppression using water bowsters was increased to reduce dust generation and dispersion.

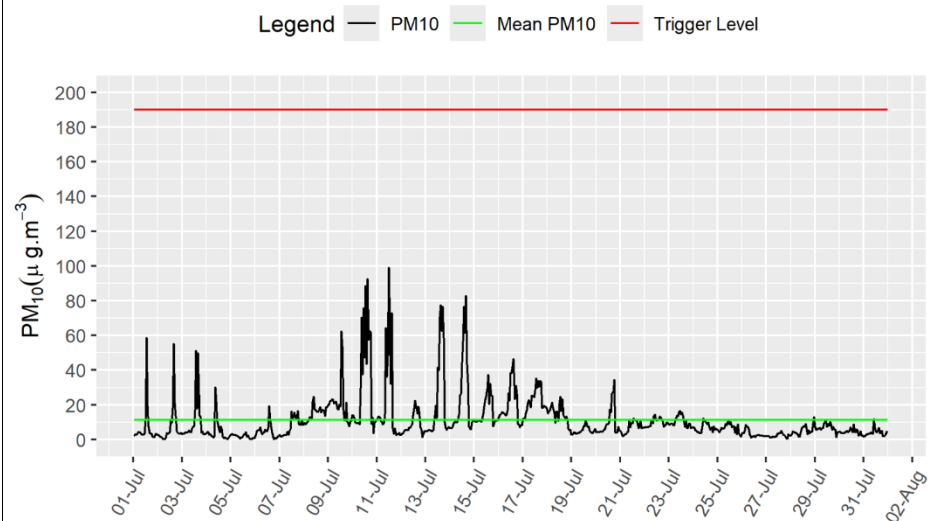
Figure 4: Construction dust 1-hour mean indicative PM₁₀ concentration for all dust monitors



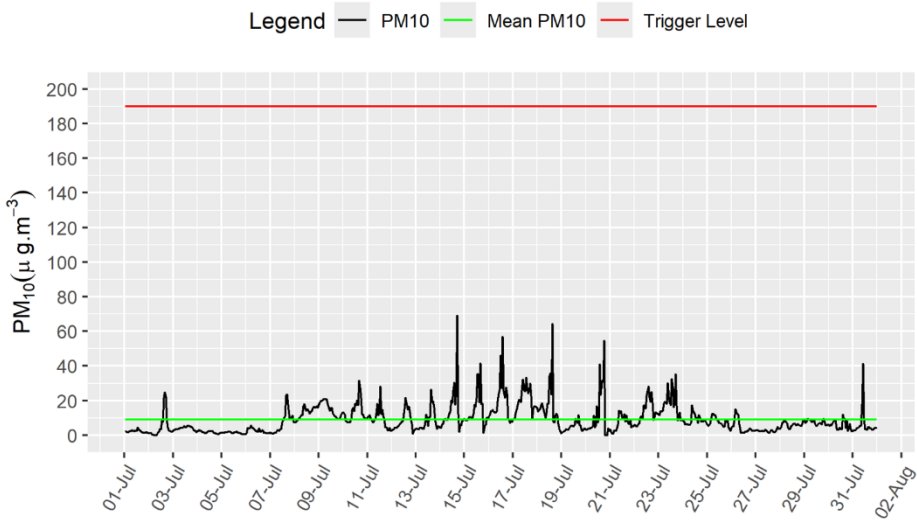
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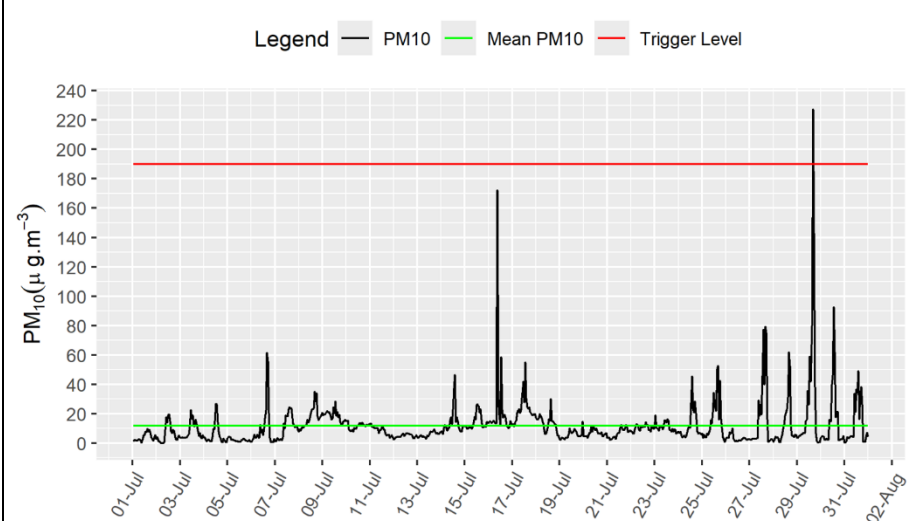
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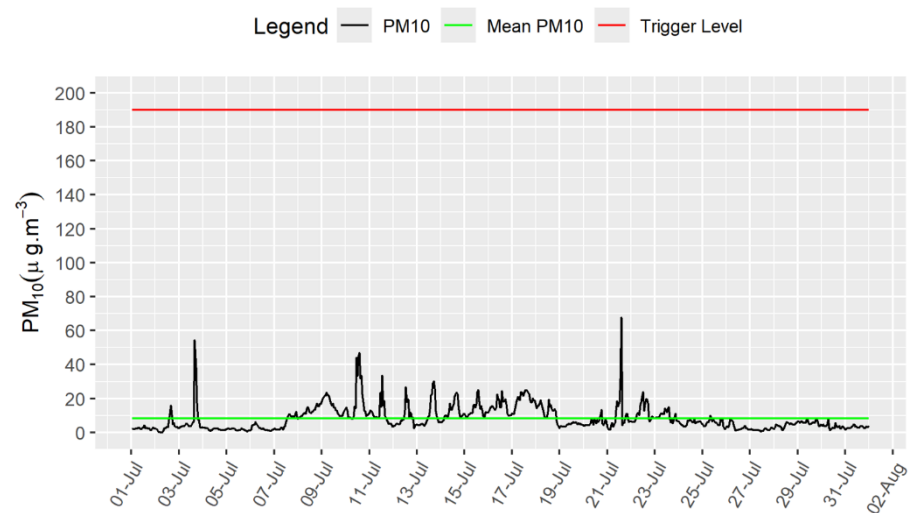
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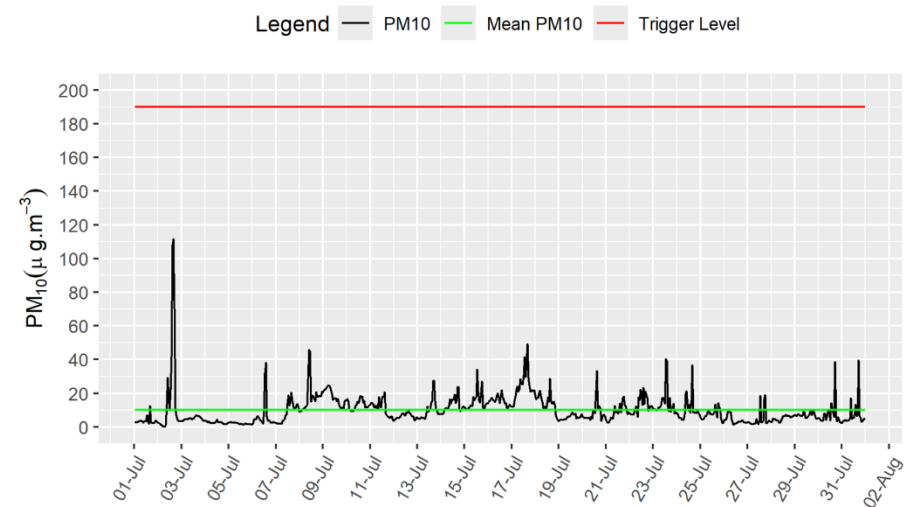
CUB002



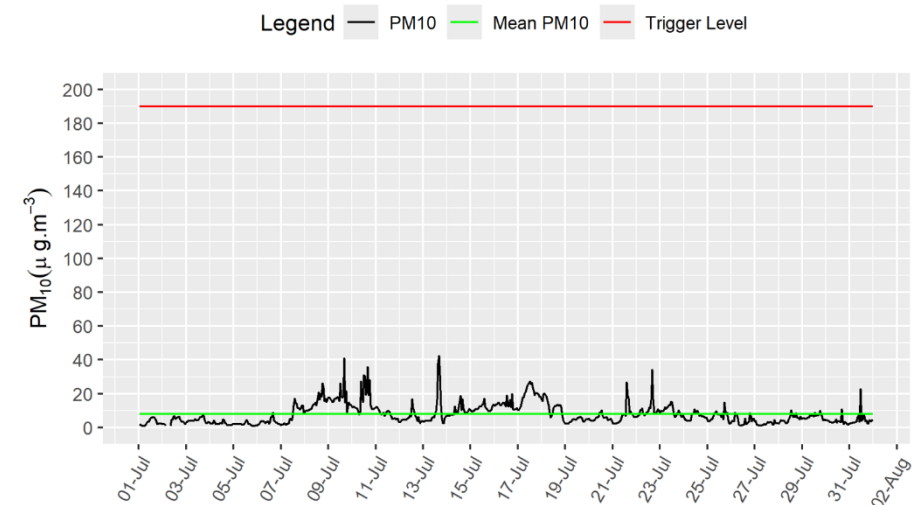
FOS001



FOS002



BGT004



A46001

