

HS2

November
2025

Air Quality and Dust Monitoring Monthly Report – November 2025

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.

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.

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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 November 2025.

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

- Earthworks movements for road realignment.

Stoneleigh Park- East Lodge

- Stoneleigh Park south accommodation overbridge: shutter installation, wing wall blinding excavation, deck reinforcement.
- Heavy plant moving along the haul road.

Cubbington Compound Worksite

- River Leam shuttering for wingwall AB0 East and West making shutters upwork activities.
- Steel fixing for wingwalls AB0 East and West.
- Installation of first side of shutters for AB0 East and West wingwalls.
- Completion of striking shutters AB5 pour.
- Start installing shutters for AB5 end wall.
- Start fixing AB5 end-wall.
- River Leam overbridge concrete pour.
- Dropping beam supports River Leam.

Sublot 2B2

Burton Green Tunnel

- Concrete pours for Burton Green Tunnel and steel fixing inside tunnel.

Broadwell Woods Caravan Park

- Structural work W168 Underbridge.
- Track Drainage.
- Land Drainage.

Welsh Road Underbridge Satellite Compound (Sublot 2AS)

Offchurch Cutting – Welsh Road Farm

- Earthworks movements for final embankment positions.

Offchurch Cutting – Valley Fields

- Earthworks movements for final embankment positions.

Offchurch Cutting – Brickyard Cottage

- Passing traffic.

Sublot 2B1

Kenilworth Road Overbridge – Millburn Grange

- Mainline cut and crusher work for the rock arising.
- Excavation for Canley Pumping Station.
- Landscape fill.

Kenilworth Road Overbridge - Brookview

- Canley Brook Embankment 1 dig and replace, cut and fill.
- Canley Brook Embankment 1 Upper Embankment fill.
- Canley Brook Embankment 1 technical backfill.
- Placing CBGM.

Kenilworth Road Overbridge – 16 Kenilworth Road

- No works occurred in November 2025.

Sublot 2A3

Kingswood Farmhouse

- Construction of glasshouse wood cutting.
- Heavy plant moving along the haul road.

A46 Barns

- Construction of glasshouse wood cutting.
- Heavy plant moving along the haul road.

Four Winds

- Road sweepers.
- Movement of vehicles.
- Maintenance works.
- Vegetation clearance.

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 No (0) dust trigger alerts were recorded during the monitoring period (November 2025).

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

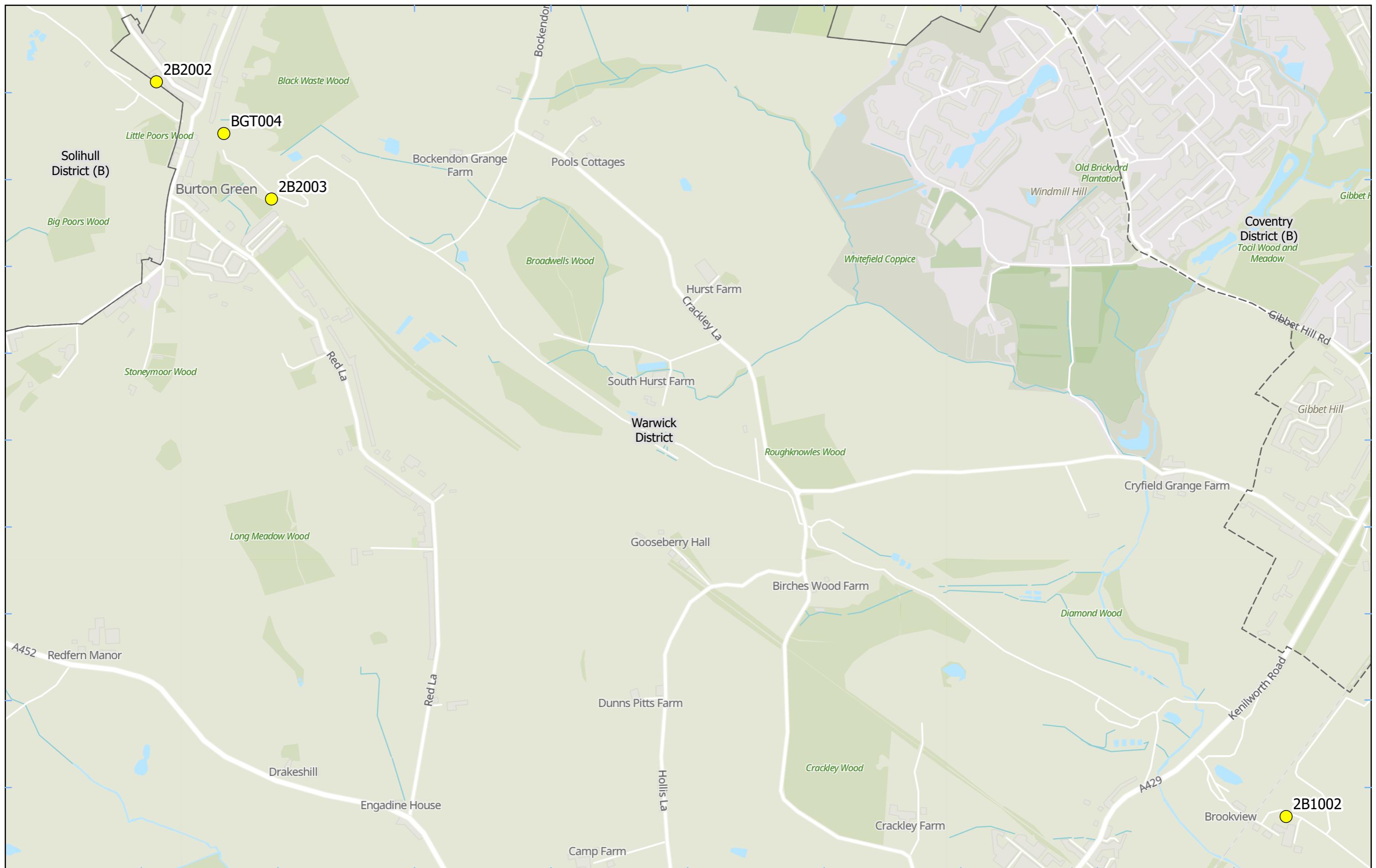
- Monitor 2B1002 - A battery refresh is scheduled for 10th December 2025.
- Monitor 2B2002 - A battery refresh is scheduled for 17th December 2025.
- Monitor 2B2003 - A battery refresh is scheduled for 10th December 2025.
- Monitor CUB002 – A battery refresh is scheduled for 8th December 2025.
- Monitor FOS001 – A battery refresh took place on 28th November 2025. After the site visit, the issues were resolved.
- Monitor FOS002 – A battery refresh took place on 13th November 2025. After the site visit, the issues were resolved.
- Monitor 2AS001 - The cabling was damaged at this monitor. The cabling was replaced on 19th November 2025. After the site visit, the issues were resolved.
- Monitor 2A2002 – A full dust work up and battery refresh took place on 25th November 2025. A field calibration is scheduled for 11th December 2025.
- Monitor BGT004 - A monitor swap out has been scheduled for 16th December 2025.

1.1.10 There were no (0) complaints received during the reporting period (November 2025).

Appendix A – Worksites and Monitoring Locations

Figures 1-3: 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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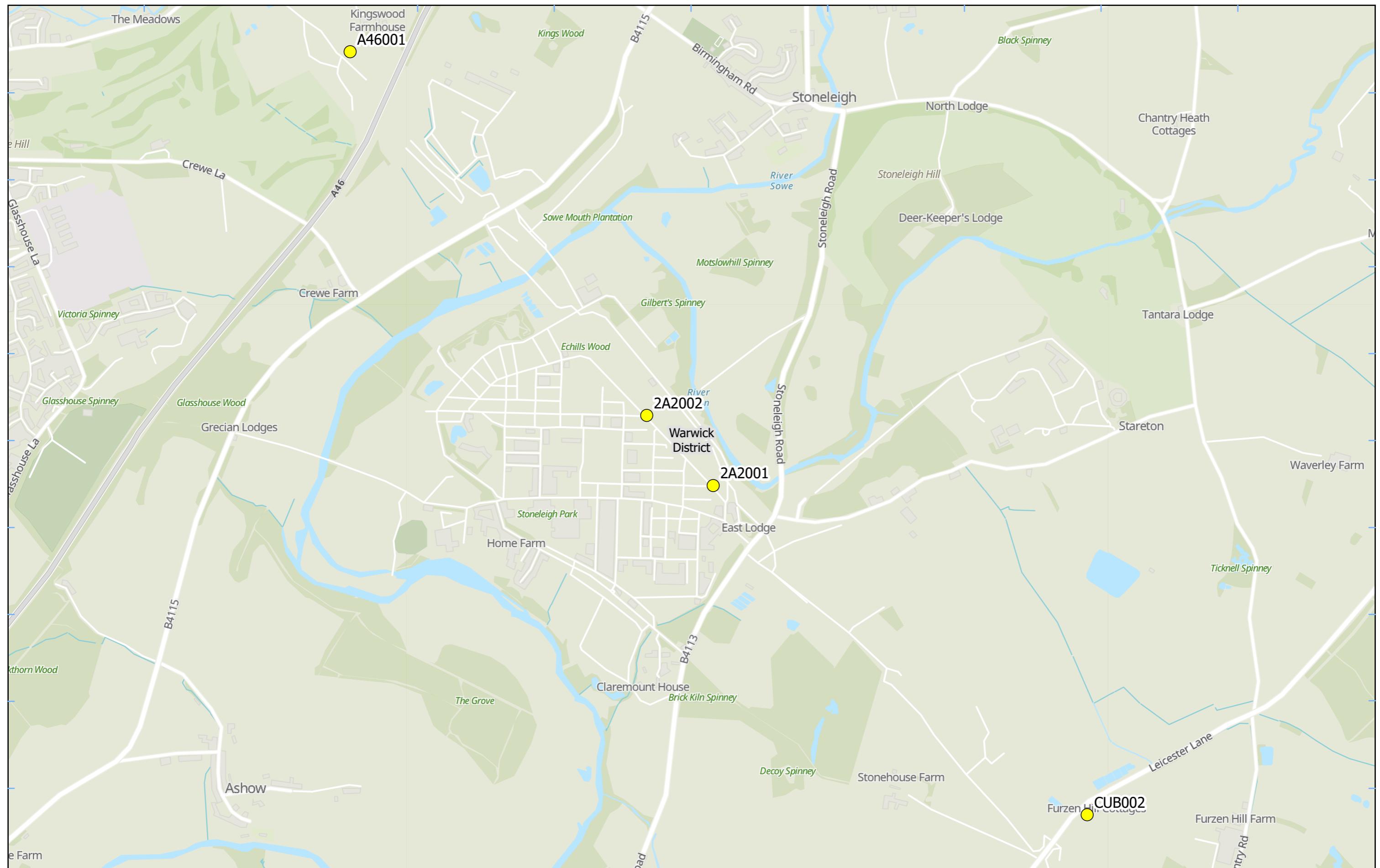
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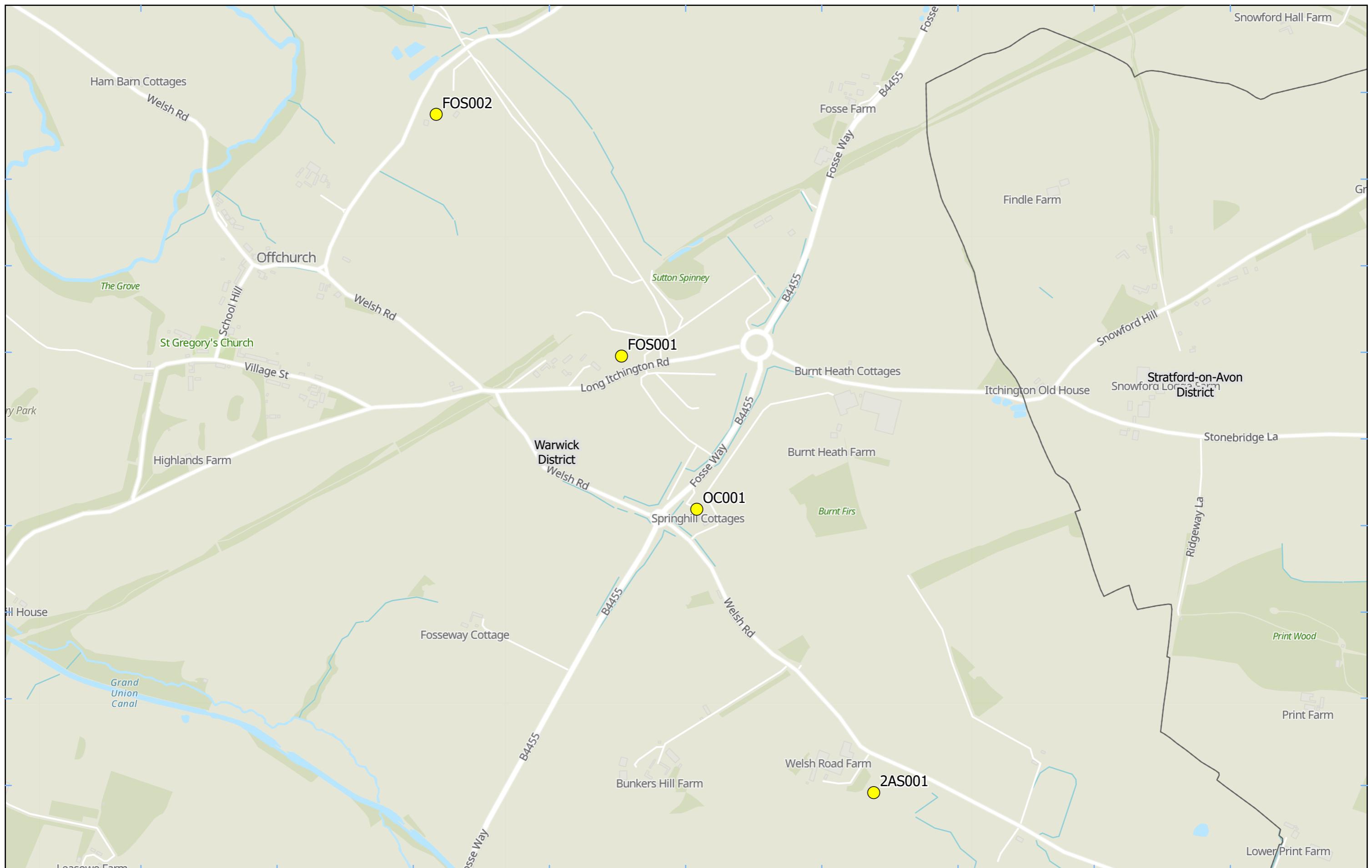
Date: 10/07/25



Legend
● Dust Monitor
— District Borough Unitary Boundaries

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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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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	4.7	0.2	21.8	0	100.0
2A2002	432566, 271671	East Lodge, Stoneleigh Park	M	Yes	No	-	-	-	-	-
2B2002	426768, 276023	Sublot 2B2, at nearest sensitive receptor on Hodgetts Lane	M	Yes	No	4.3	0.0	21.4	0	72.2
2B2003	427135, 275649	Sublot 2B2, at Broadwell Woods Caravan Park	M	Yes	No	3.3	0.0	63.0	0	63.1
2B1002	430371, 273678	Sublot 2B1, at Brookview Farm, Millburn Grange	M	Yes	No	2.3	0.0	10.5	0	27.9
2AS001	437578, 264581	Sublot 2AS, at Welsh Road Farm	M	Yes	No	5.0	0.1	83.9	0	38.5
OC001	437205, 265256	Springhill Cottages, Offchurch Cutting	M	Yes	No	4.1	0.1	48.6	0	100.0
CUB002	434097, 270282	Sublot 2A2, at Furzon Hill Cottages	L	Yes	No	4.3	0.0	25.2	0	80.1
FOS001	436912, 265643	Fosse Way Compound, on Long Itchington Road	M	Yes	No	5.3	0.0	168.8	0	78.1
FOS002	436506, 266235	Valley Fields, Fosse Way Main	L	Yes	No	4.6	0.1	22.0	0	88.1
BGT004	426983, 275858	301 Cromwell Lane, Burton Green	M	Yes	No	-	-	-	-	-
A46001	431535, 272936	Sublot 2A3, A46, Kingswood Farmhouse	M	Yes	No	2.5	0.0	16.4	0	100.0

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





