

Air Quality and Dust Monitoring Monthly Report – January 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 January 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

- Earthworks movements for road realignment.

Stoneleigh Park

- Pile drilling using piling rig up to BG39.
- Crane to install pile cage into pile bore.
- Concreting pile bore.
- Excavator and dumpers for site maintenance and removing excess spoil.
- Concrete wagons for concrete delivery.
- Crane to install pile and pile bore.
- Piling rig and piling extractor to be used for casing removal.
- Platform removal.
- Road reinstatement and white lining.

Cubbington Compound Worksite

- Steel fixing for wingwalls AB5 East and West.
- River Leam: Start installing wingwall soffits.
- Parapet installation now started.
- Road: reinforcement installation on North Wingwall AB0.

Sublot 2B2

Burton Green Tunnel

- Steel fixing works.

Broadwell Woods Caravan Park

- Back filling of fire tanks.

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.

A429 Kenilworth Road Overbridge (Sublot 2B1)

Kenilworth Road Overbridge – Millburn Grange

- Mainline cut and crusher work for the rock arising.
- Excavation for Canley Pumping Station.
- Landscaping fill
- Mainline cutting
- Demolition of C2Ls Guiding slab.

Kenilworth Road Overbridge - Brookview

- Canley Brook Embankment 2 crane platform and parapet installation.
- Parapet installation at Canley viaduct.

Kenilworth Road Overbridge – 16 Kenilworth Road

- No BBV works activities took place during January 2026.

Sublot 2A3

Kingswood Farmhouse

- Maintenance of haul roads.

A46 Barns

- Maintenance of haul roads.

Four Winds

- Concrete pour on abutment / wing wall.
- Installation of shuttering of AB3 for Dalehouse Lane Overbridge.
- Road sweepers.
- General plant movements.

1.1.5 Eleven (11) 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 (January 2026).

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

- Monitor 2B1002 – A battery refresh took place on 5th February 2026. After the site visit, the issues were resolved.
- Monitor 2B2002 – A battery refresh is scheduled for 18th February 2026.
- Monitor 2B2003 – A battery refresh is scheduled for 26th February 2026.
- Monitor BGT004 – A battery refresh took place on 29th January 2026. After the site visit, the issues were not resolved. The issues are currently under investigation.

1.1.10 Following a decrease in earthwork activities across sites, the Dust Risk Assessments (DRAs) were reviewed in December 2025. The monitors within worksites whereby the risk rating changed from medium to low, or where there has been a reduction in earthwork activity, have been removed from reporting until earthwork activities are scheduled to resume in April 2026, at which time DRAs will be reassessed. The monitors within worksites returning a low dust risk rating and removed from reporting are listed below:

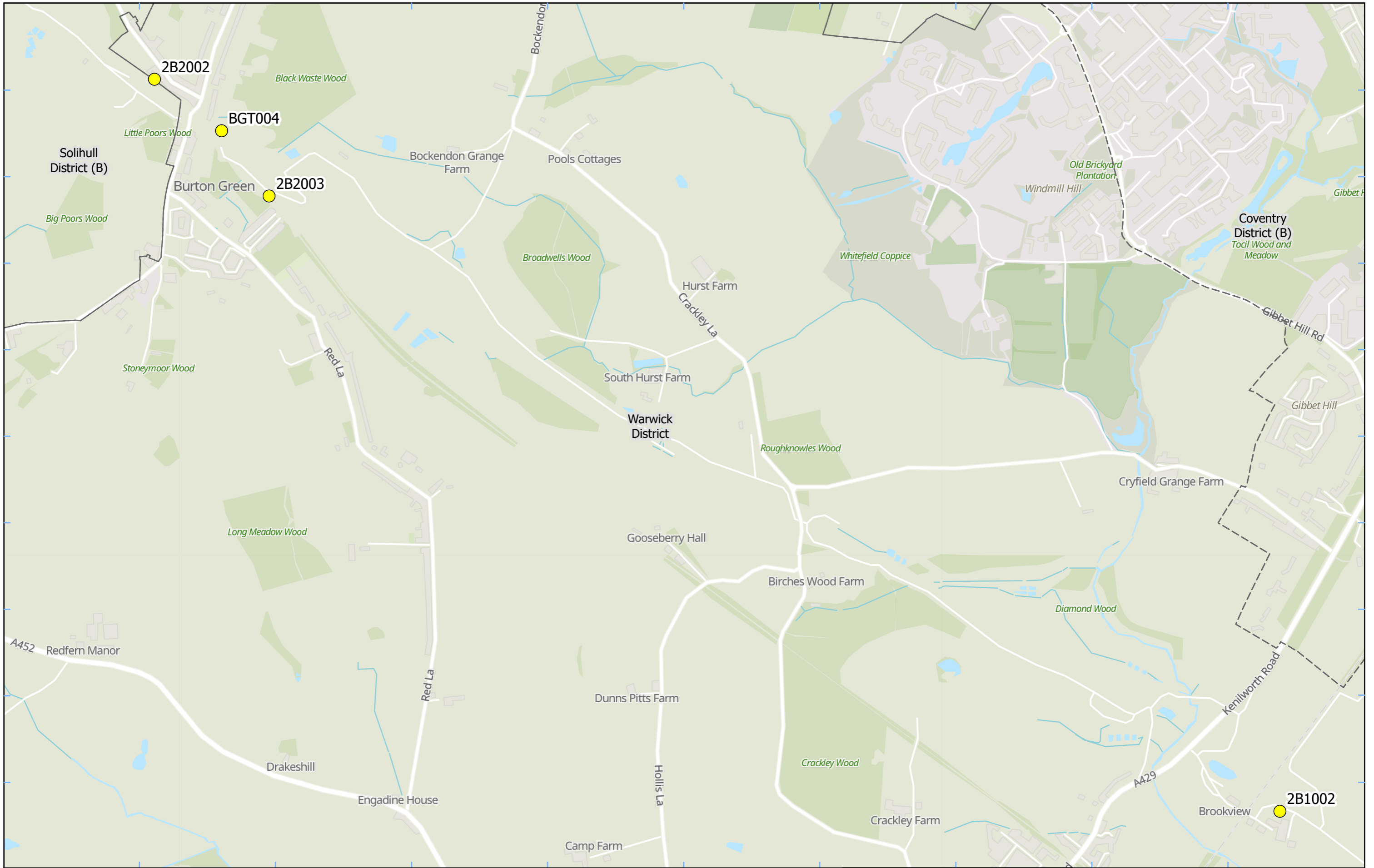
- Monitor FOS002.
- Monitor A46001.
- Monitor 2A2001.
- Monitor 2A2002.

- Monitor CUB002.
- Monitor FOS001.
- Monitor OC001.
- Monitor 2AS001

1.1.11 There were no (0) complaints received during the reporting period (January 2026).

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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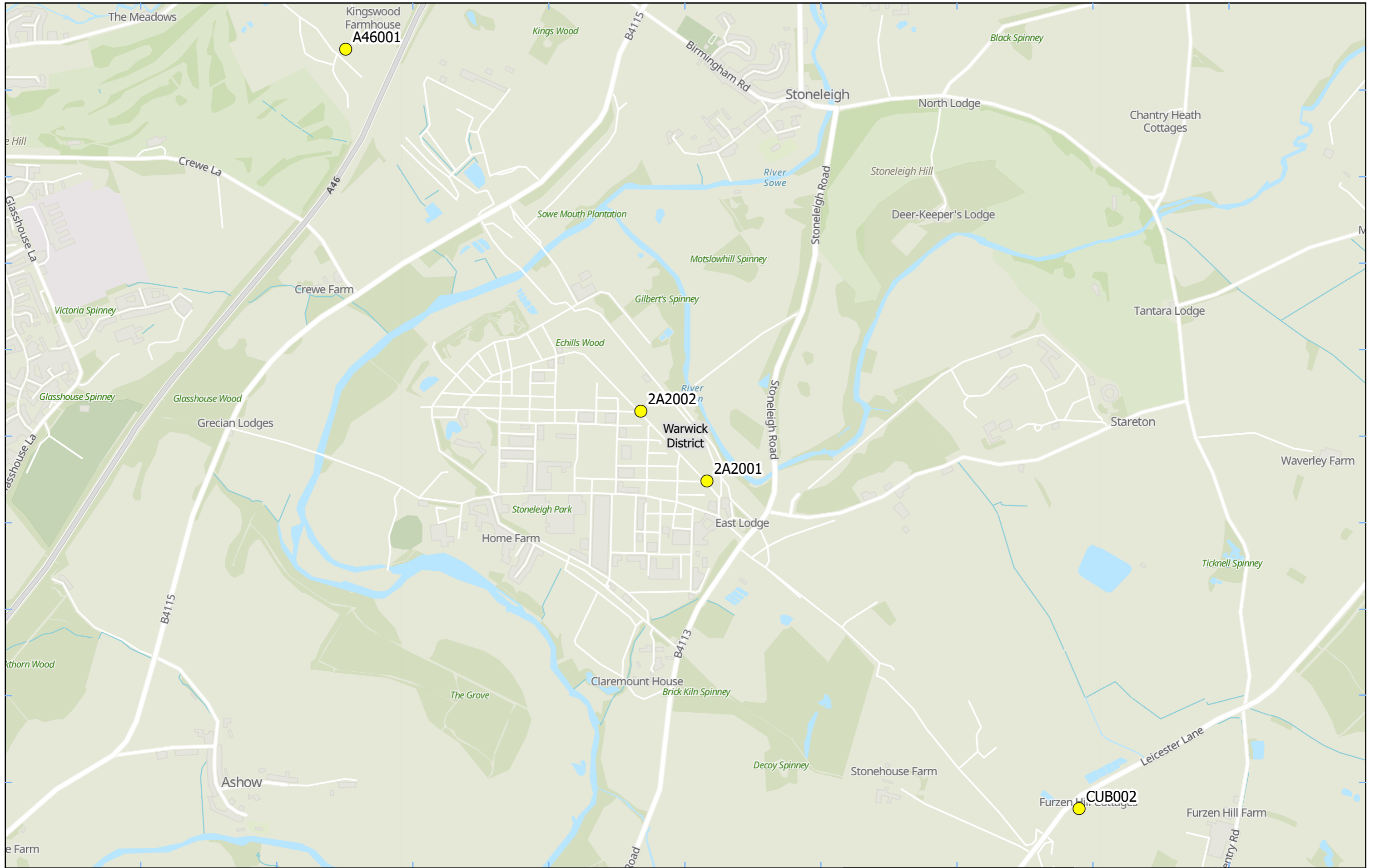
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Doc Number:

Scale at A3: 1:11,000

Metres

Date: 10/07/25



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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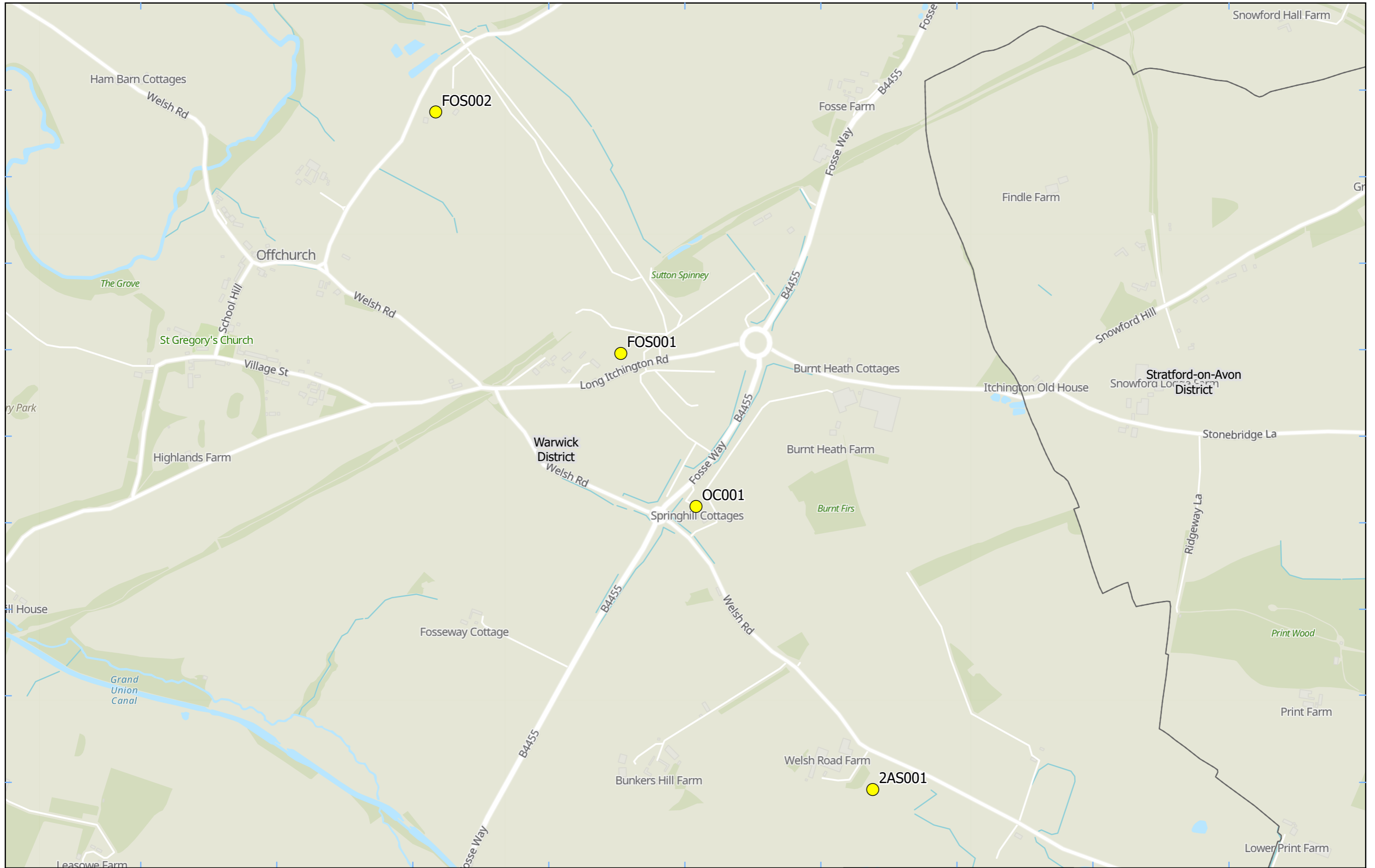
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Metres

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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Metres

Doc Number: **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 (%)
2B2002	426768, 276023	Sublot 2B2, at nearest sensitive receptor on Hodgetts Lane	M	Yes	No	5.5	0.1	24.2	0	41.4
2B2003	427135, 275649	Sublot 2B2, at Broadwell Woods Caravan Park	M	Yes	No	5.0	0.1	35.8	0	51.1
2B1002	430371, 273678	Sublot 2B1, at Brookview Farm, Millburn Grange	M	Yes	No	1.5	0.1	7.5	0	9.8
BGT004	426983, 275858	301 Cromwell Lane, Burton Green	M	Yes	No	-	-	-	-	-

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

