

Air Quality and Dust Monitoring Monthly Report – April 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 April 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

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

Stoneleigh Park– East Lodge

- Parapet installation.
- Excavation for sloped capping beam.
- Pile cropping.
- Deck remedial works.
- Stitch reinforcement and formwork installation.
- Deck remedial works.
- Sewer main diversion.
- Dust suppression.
- Road sweepers.
- Works on Stoneleigh south accommodation overbridge.

Cublington Compound Worksite

- River Leam work.
- Robust kerb pour.
- Installation of falsework to ABO wingwalls to complete overhang.

- Breaking out of blinding on AB0 and AB5 once the wingwalls are complete and blackjacked.
- Mill Labe and W130 footbridge work.
- Sheet piling and earthworks access realignment.
- Cubbington retaining wall platform.
- Dust suppression of the haul road.

Burton Green Tunnel (Sublot 2B2)

- Preparation for Cromwell Lane realignment and Galldris void pours to Burton Green Tunnel.
- BBMU mobilising on Cromwell Lane for realignment.

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

- Canley pumping station construction.
- Kenilworth cutting south mainline cutting.
- Dig and replace.
- Cut and fill.
- Batter resoiling.

Kenilworth Road Overbridge - Brookview

- Canley Brook Embankment 1 & 2 technical backfill.
- Canley Brook Embankment 2 upper embankment fill layer.

Kenilworth Road Overbridge – 16 Kenilworth Road

- Kenilworth Cutting north bulk excavation.
- Dig and replace.
- Cut and fill.

Sublot 2A3

Kingswood Farmhouse

- Dust suppression of haul roads.
- Movement of plant.
- Formwork installation inside the A46 box slide for the northeast wing walls.

A46 Barns

- Dust suppression of haul roads.
- Movement of plant.
- Formwork installation inside the A46 box slide for the northeast wing walls.

Four Winds

- Removal of formworks beneath Finham Brooke Viaduct.
- Parapet fixing.
- AB0 wingwall fixing and building shutters.
- Concrete finishing works and blackjacking.
- EWKs dig and replace.
- EWKs AB0 wingwall excavation.
- EWKs ramp.
- Drainage sump installation.

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 (April 2026).

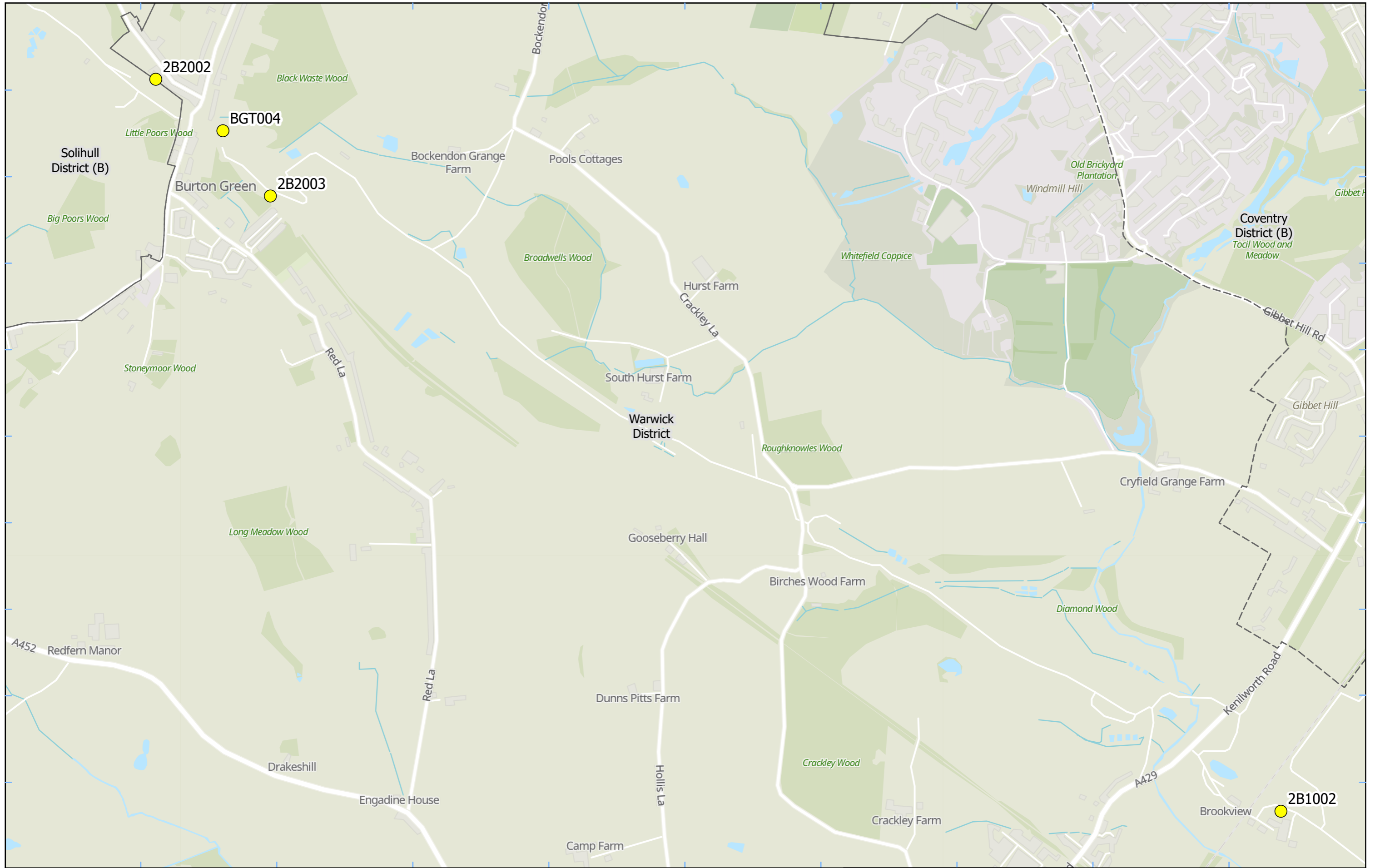
1.1.9 Data capture was below 90% for multiple monitors due to:

- Monitor 2B2003 – A monitor swap out was carried out on 7th May 2026. After the site visit, the issues were resolved.
- FOS002 – A monitor swap out was carried out on 7th April 2026. After the site visit, the issues were resolved

1.1.10 There were no (0) complaints received during the reporting period (April 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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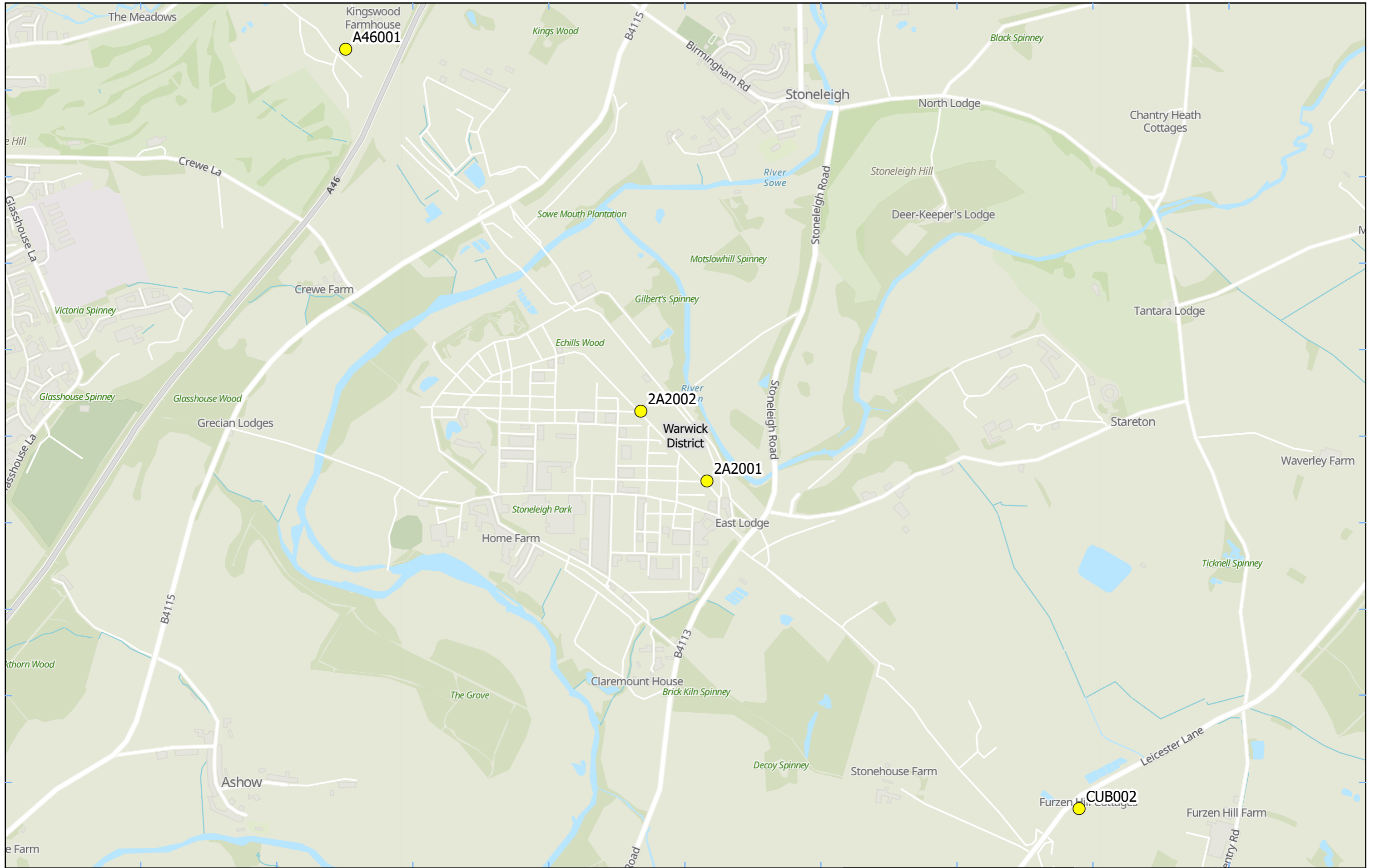
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Metres

Doc Number:

Date: 10/07/25



Legend

- Dust Monitor
- District Borough Unitary Boundaries

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

Warwick District

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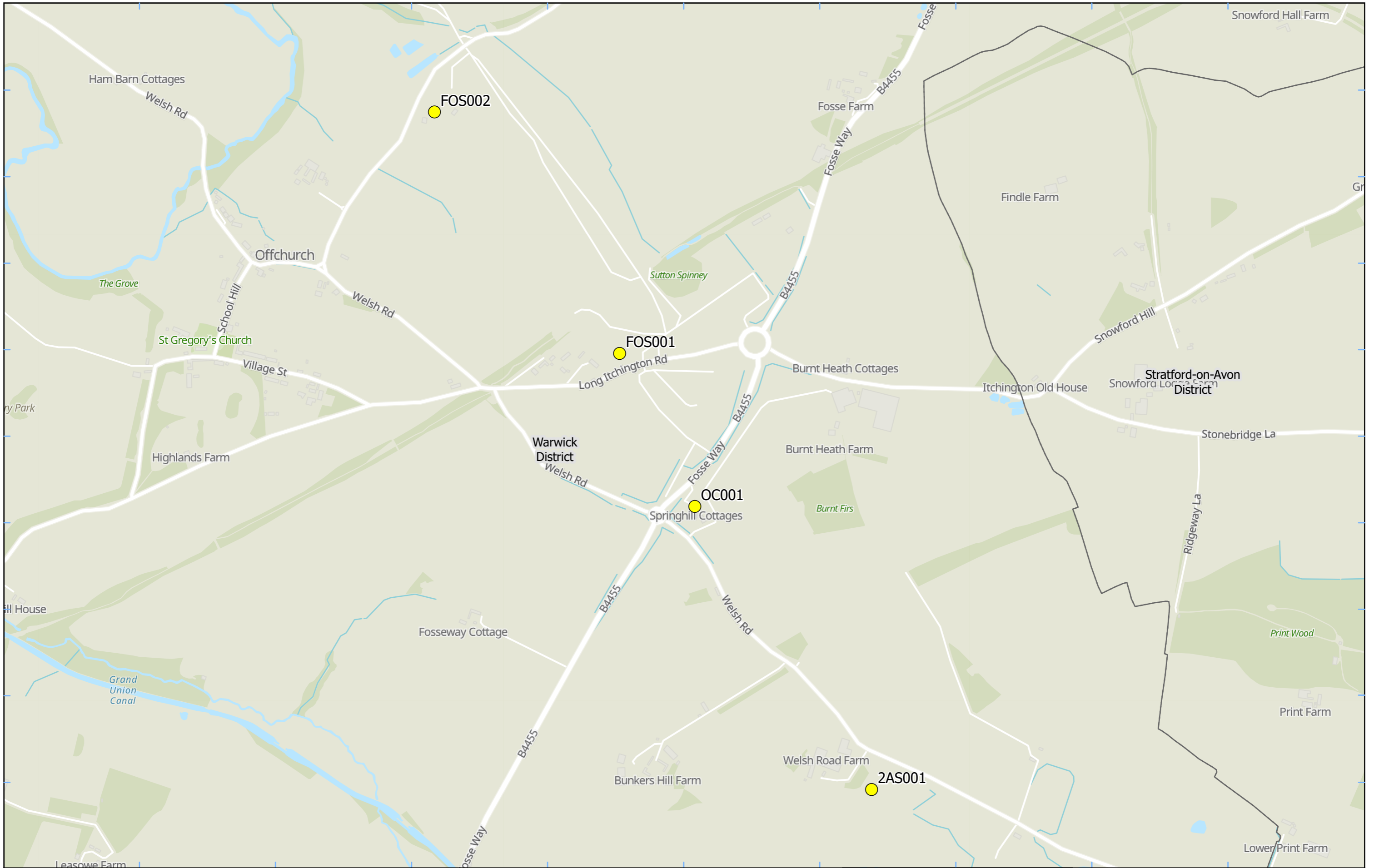
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Legend

- Dust Monitor
- District Borough Unitary Boundaries

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Map Number

Map Name
**Monitoring Locations
In WDC (Sheet 3)**

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Metres

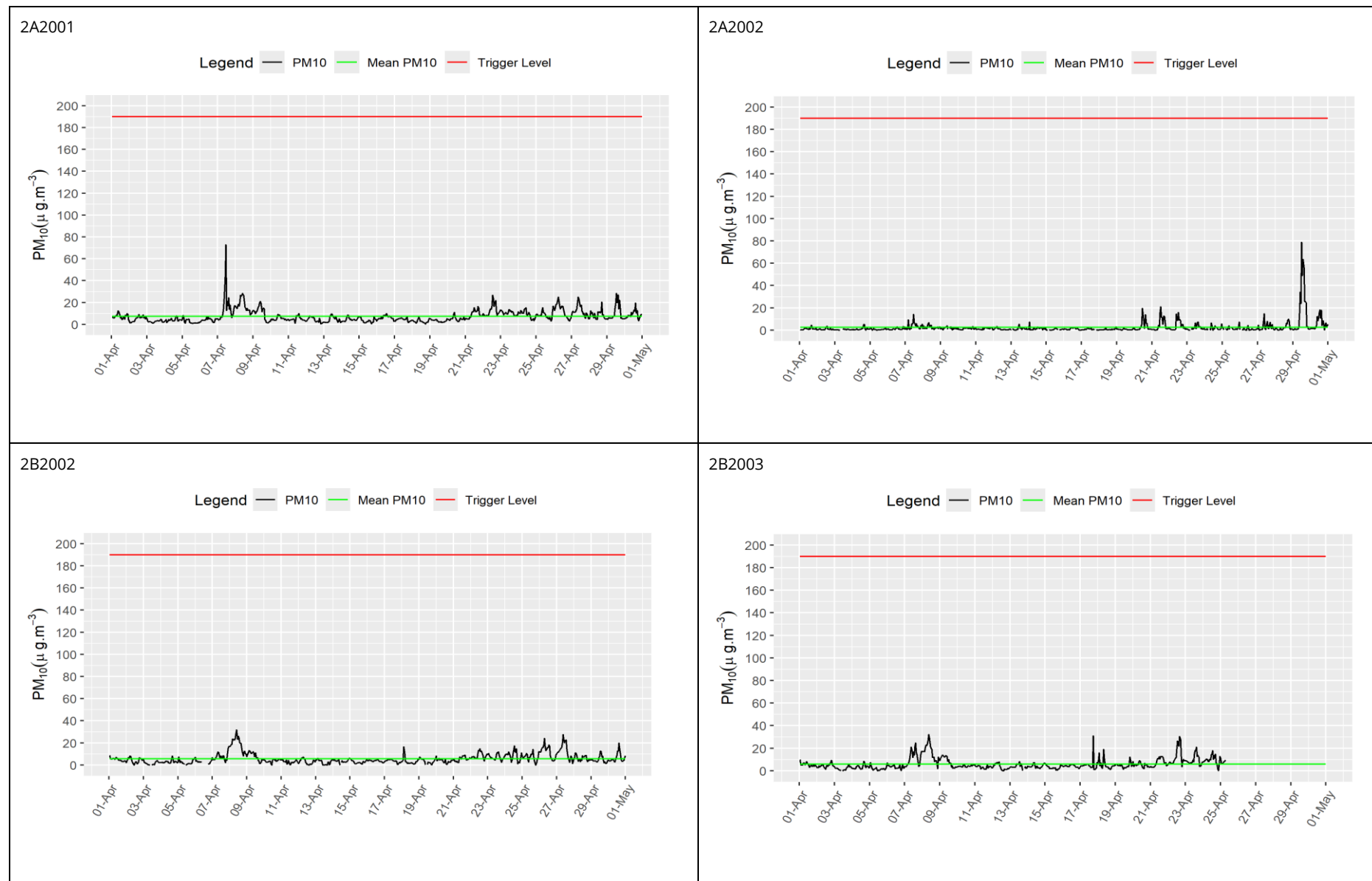
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Appendix B – Dust Monitoring Results

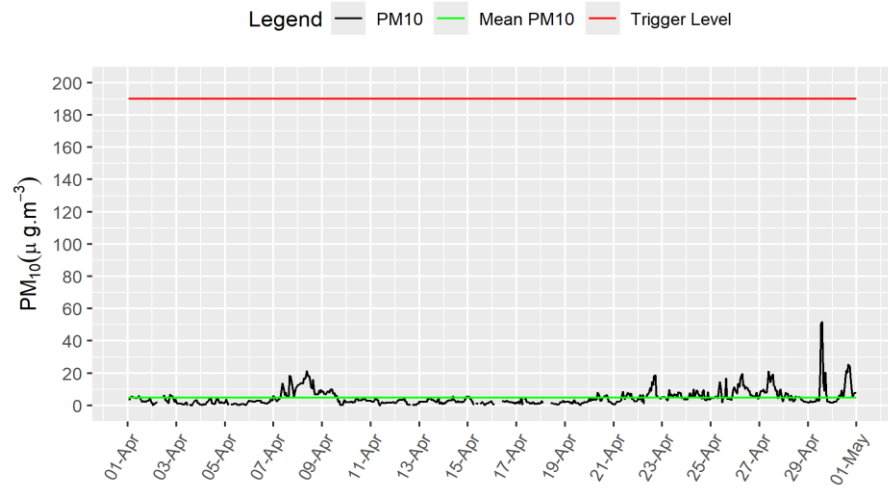
Table 1: Dust Monitoring Locations and Results

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 (%)
2A2001	432797, 271427	East Lodge, Stoneleigh Park	M	Yes	No	7.5	0.4	72.8	0	100.0
2A2002	432566, 271671	East Lodge, Stoneleigh Park	M	Yes	No	2.5	0.1	79.0	0	97.9
2B2002	426768, 276023	Sublot 2B2, at nearest sensitive receptor on Hodgetts Lane	M	Yes	No	5.8	0.1	31.9	0	98.1
2B2003	427135, 275649	Sublot 2B2, at Broadwell Woods Caravan Park	M	Yes	No	6.0	0.1	32.2	0	81.3
2B1002	430371, 273678	Sublot 2B1, at Brookview Farm, Millburn Grange	M	Yes	No	4.7	0.1	51.8	0	97.1
2AS001	437578, 264581	Sublot 2AS, at Welsh Road Farm	M	Yes	No	7.9	0.3	46.2	0	100.0
OC001	437205, 265256	Springhill Cottages, Offchurch Cutting	M	Yes	No	4.8	0.1	24.3	0	100.0
CUB002	434097, 270282	Sublot 2A2, at Furzon Hill Cottages	L	Yes	No	6.1	0.1	90.8	0	100.0
FOS001	436912, 265643	Fosse Way Compound, on Long Itchington Road	M	Yes	No	7.0	0.1	132.0	0	97.5
FOS002	436506, 266235	Valley Fields, Fosse Way Main	L	Yes	No	8.1	0.6	39.9	0	78.3
BGT004	426983, 275858	301 Cromwell Lane, Burton Green	M	Yes	No	5.0	0.1	40.7	0	99.7
A46001	431535, 272936	Sublot 2A3, A46, Kingswood Farmhouse	M	Yes	No	7.5	0.4	72.8	0	100.0

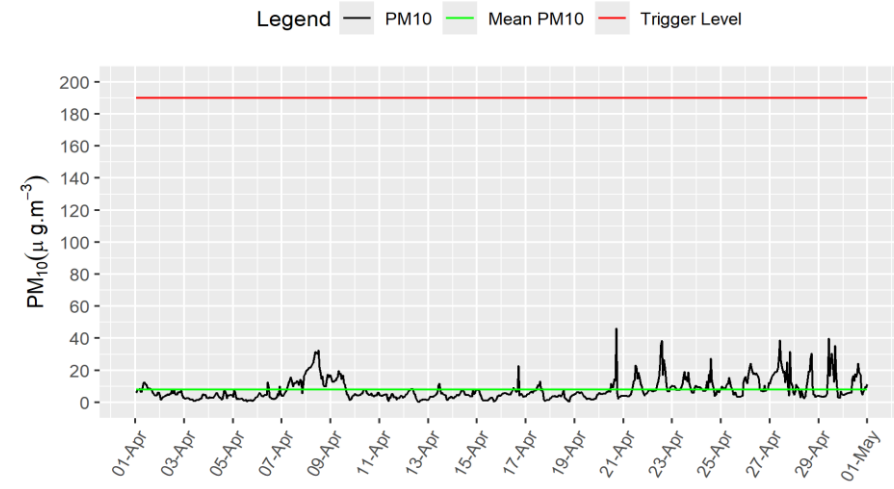
Figure 4: Construction dust 1-hour mean indicative PM₁₀ concentration for all dust monitors



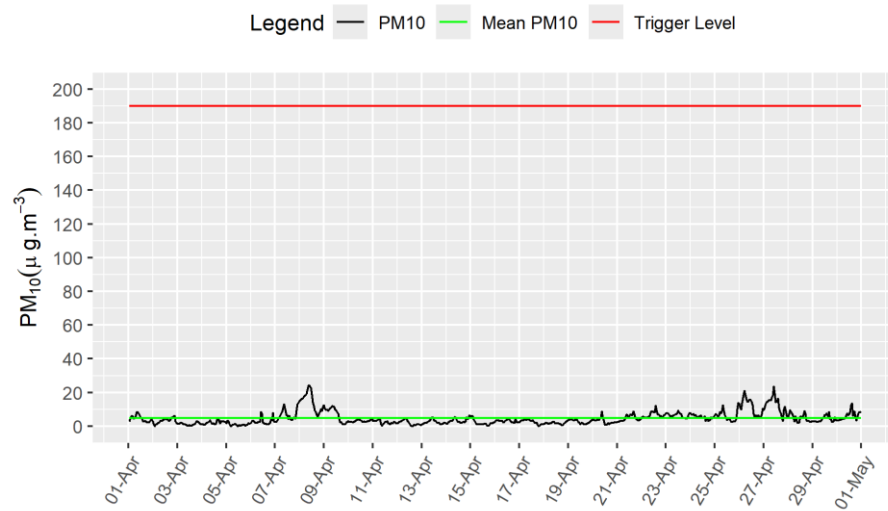
2B1002



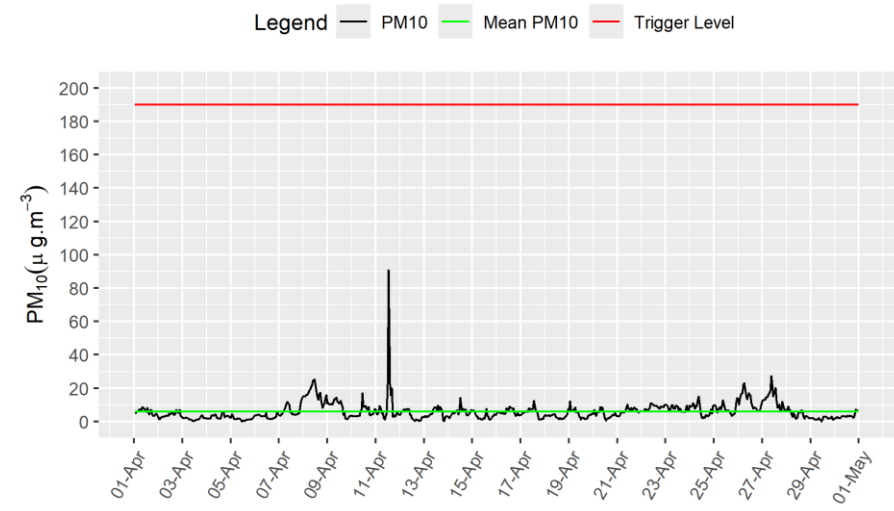
2AS001



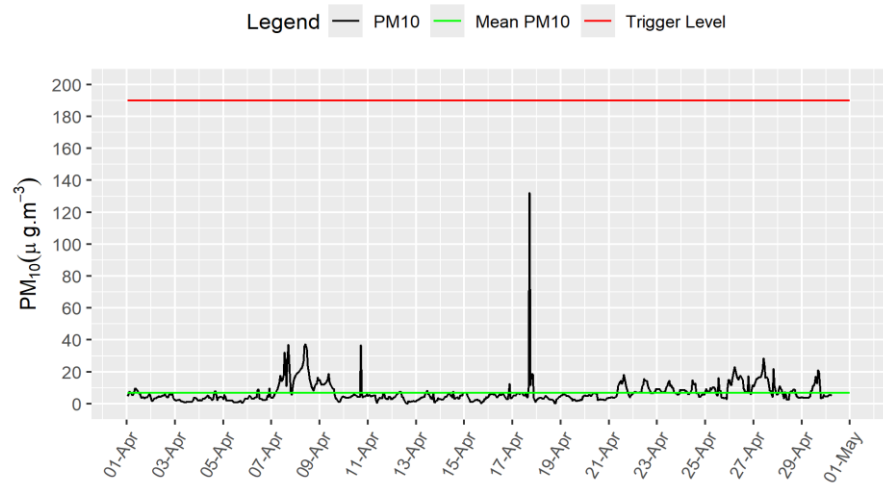
OC001



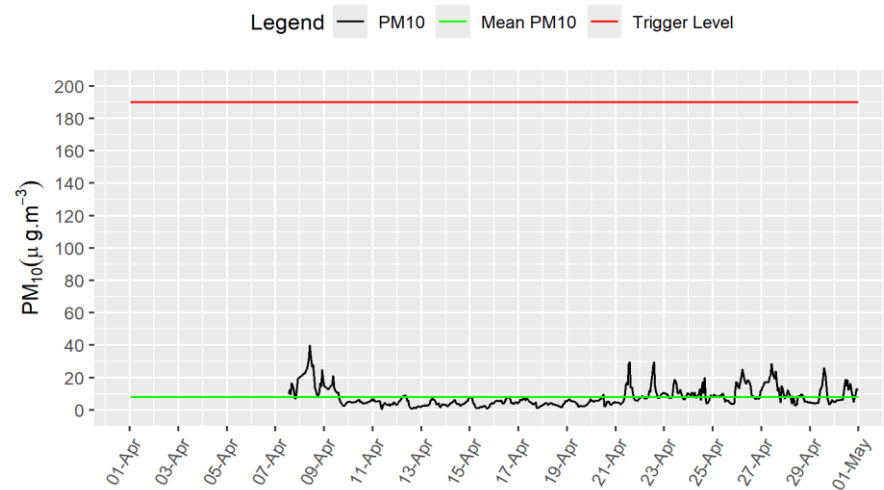
CUB002



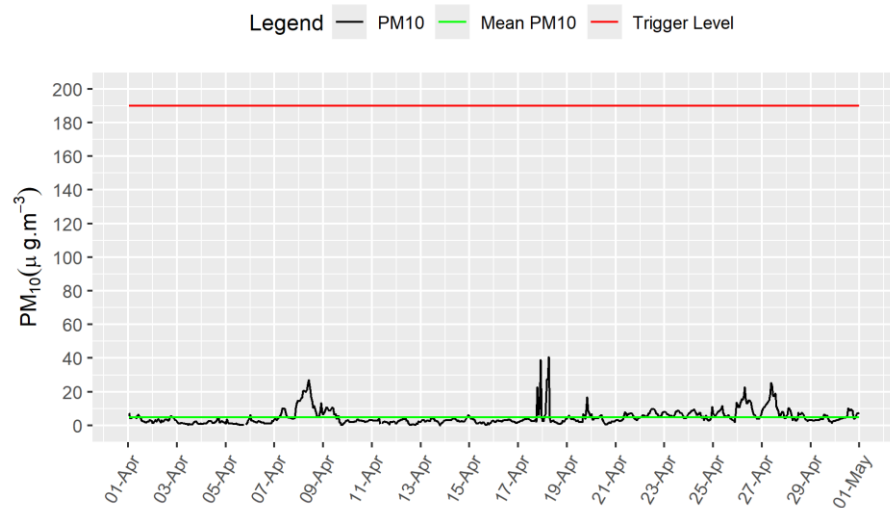
FOS001



FOS002



BGT004



A46001

