HS2

August 2026

Air Quality and Dust Monitoring Monthly Report – August 2026

Warwick District Council

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Department for Transport

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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 August 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

- Road working on utility protection slab works.
- Offchurch Cutting plug drainage.
- Surfacing of cottage access.
- Street lighting installation.
- South tie-in resurfacing.
- Surfacing bellmouth for HS2 access track.

Stoneleigh Park

- Stoneleigh Road realignment - road closure.
- Sewer diversion.
- Earthworks excavation north and south of South Accommodation Overbridge.
- Road alignment works.
- Concreting works on South Accommodation Overbridge.

Cubbington Compound Worksite

- Resoiling / landscaping.
- Verge widening.
- V-ditch installation.
- Prep works for final closure (access ramps, install signs, etc).
- Technical backfill.
- Leicester Lane Highway Drainage – West.

- Leicester West Mammal Pass.
- Subsurface Drainage Installation.

Sublot 2B2

Burton Green Tunnel

- Collins are doing a technical backfill & reinstatement work.
- Highway drainage and foul sewer works.

Broadwell Woods Caravan Park

- Permanent Landscape Fill Works.
- Minor concrete pours.
- Steel works and backfill.

Sublot 2AS

Offchurch Cutting – Welsh Road Farm

- Earthworks verge works and pavement corings.
- Drainage.
- Resoiling.

Offchurch Cutting – Valley Fields

- Earthworks access tracks for National Grid Electricity Distribution and bell mouth.
- Valley Fields driveway vac x and road box.

Offchurch Cutting – Brickyard Cottage

- Placing of subsoil.
- Excavation of drainage ditch.
- Shaping of batters for fencing.

Sublot 2B1

Kenilworth Road Overbridge – Millburn Grange

- Canley pumping station construction works.
- Platform construction.
- Dig and Replace cut & fill.
- A429 drainage works.
- Noise barrier pilling.

Kenilworth Road Overbridge - Brookview

- Canley pumping station construction works.
- Platform construction.
- Dig and Replace cut& fill.

- A429 drainage works.
- Noise barrier pilling.

Kenilworth Road Overbridge – 16 Kenilworth Road

- A429 Roadhead crushing works.
- Noise barriers pilling.

Sublot 2A3

Kingswood Farmhouse

- Concrete pour A46 Wing Walls.
- Footpath resurfacing.
- Steel fixing.

A46 Barns

- Glasshouse Drainage.

Four Winds

- ACS reinforced earthworks - east & west.
- K29 piers and abutments.
- Dalehouse Lane finishing works.

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 PM_{10} concentrations of 190 µg/m^3, 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 (August 2026).

1.1.9 Data capture at monitors BGT004 and A46001 were below 90% due to technical faults; both monitors were replaced on 19th August 2026, resolving the issues and restoring normal operation.

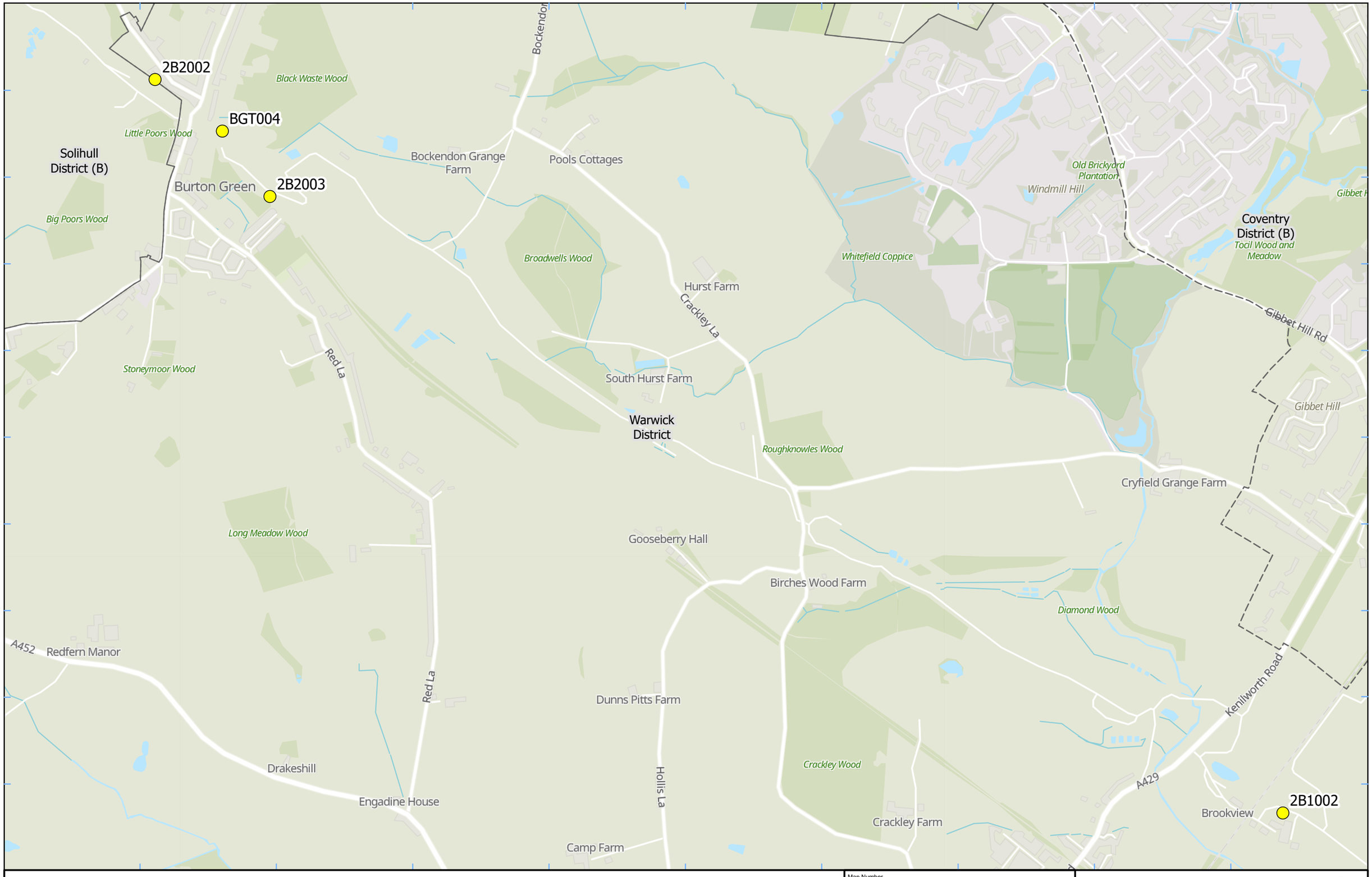
1.1.10 Table 1 provides a summary of the complaint information relating to dust or air quality received during the reporting period, together with the findings of any related investigations.

Table 1: Summary of complaints received during August 2026

Complaint Reference No.	Worksite Reference	Description of complaint	Results of investigation
HS2-26-47652-C	N/A	Dust affecting property and vehicles.	Still under investigation at the time of running report.

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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Contains data from OS Zoomstack

Map Number

Map Name

Monitoring Locations In WDC (Sheet 1)

Warwick District Council

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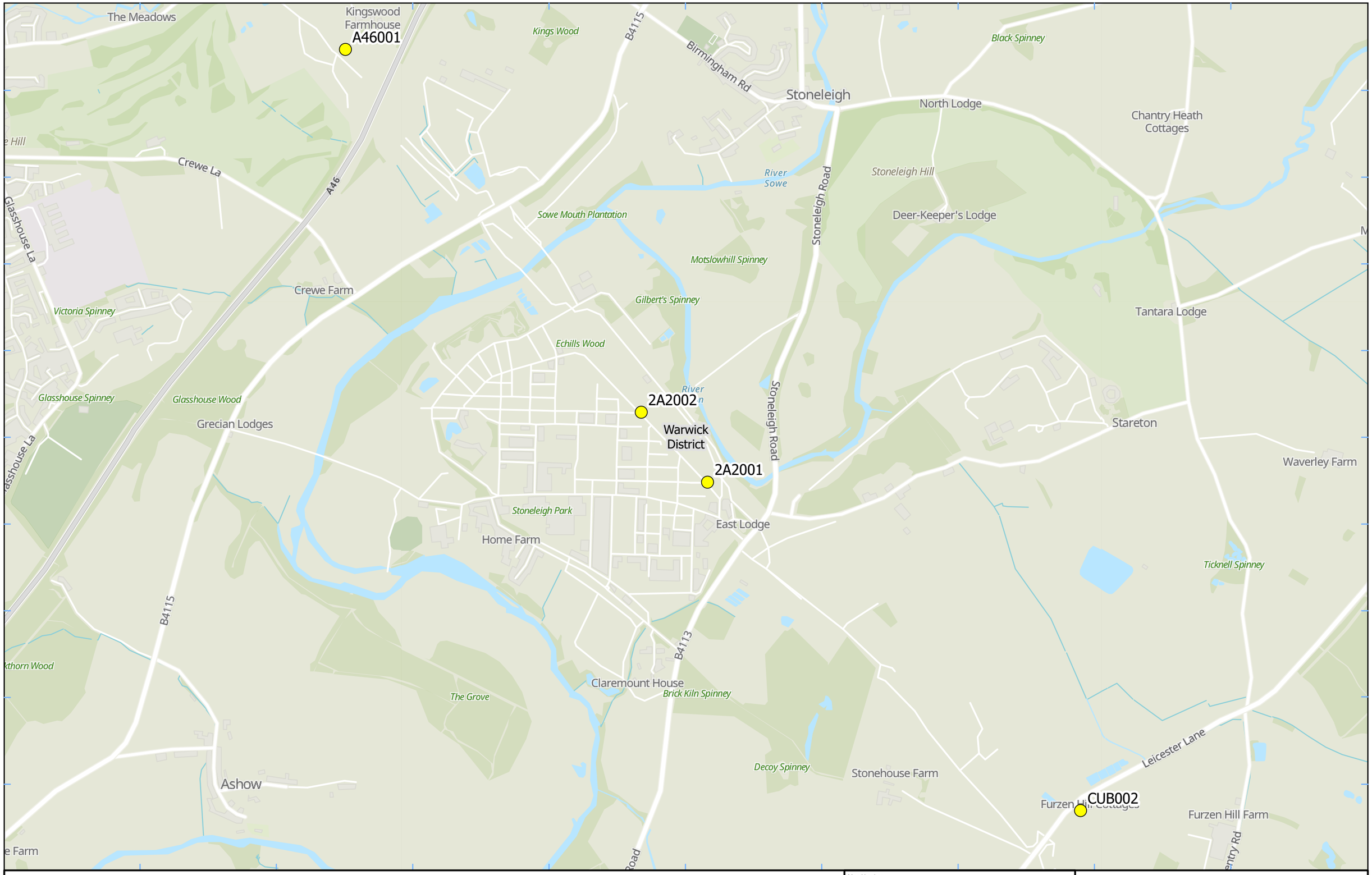
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Metres

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)

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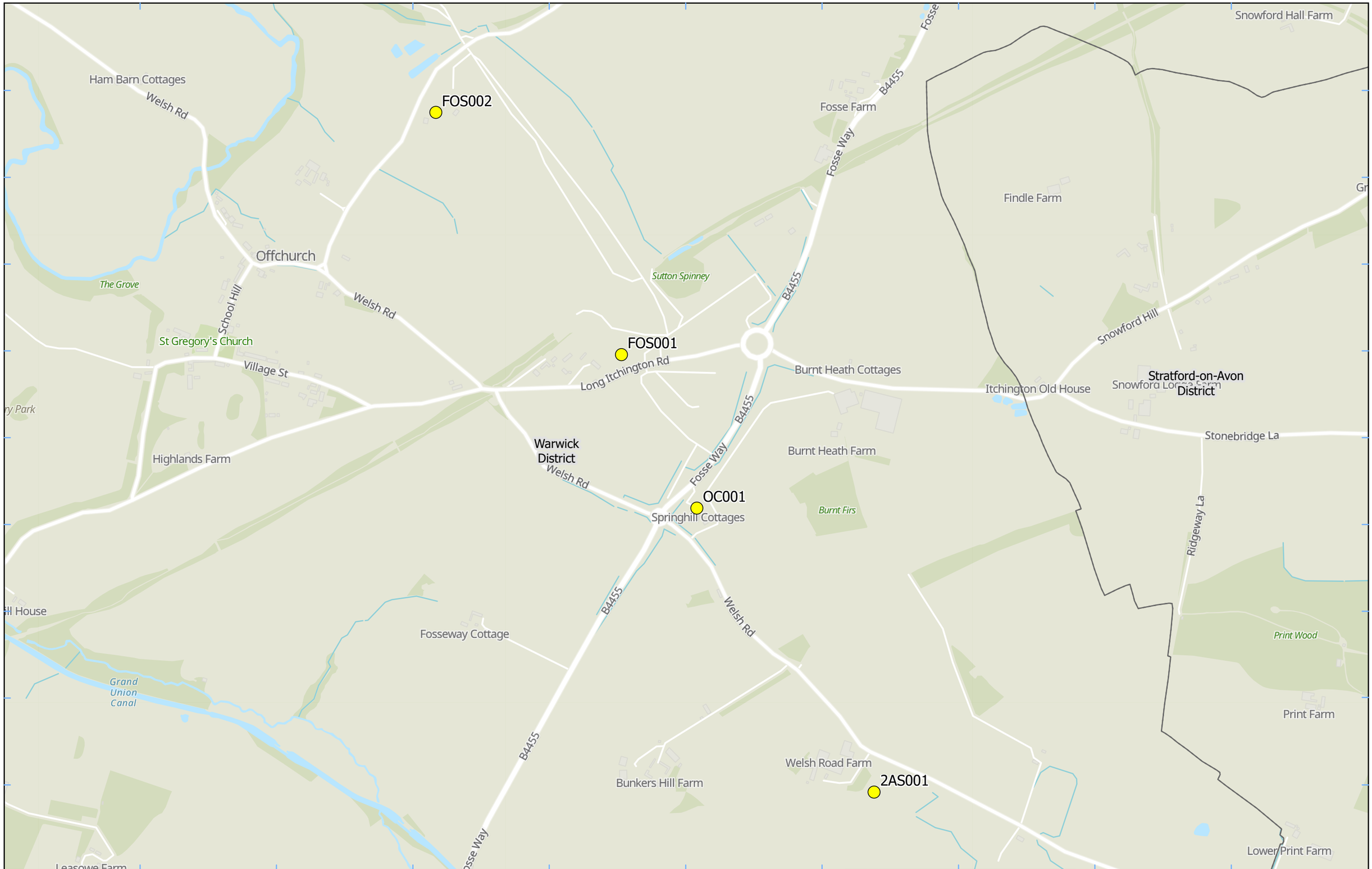
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Legend

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- 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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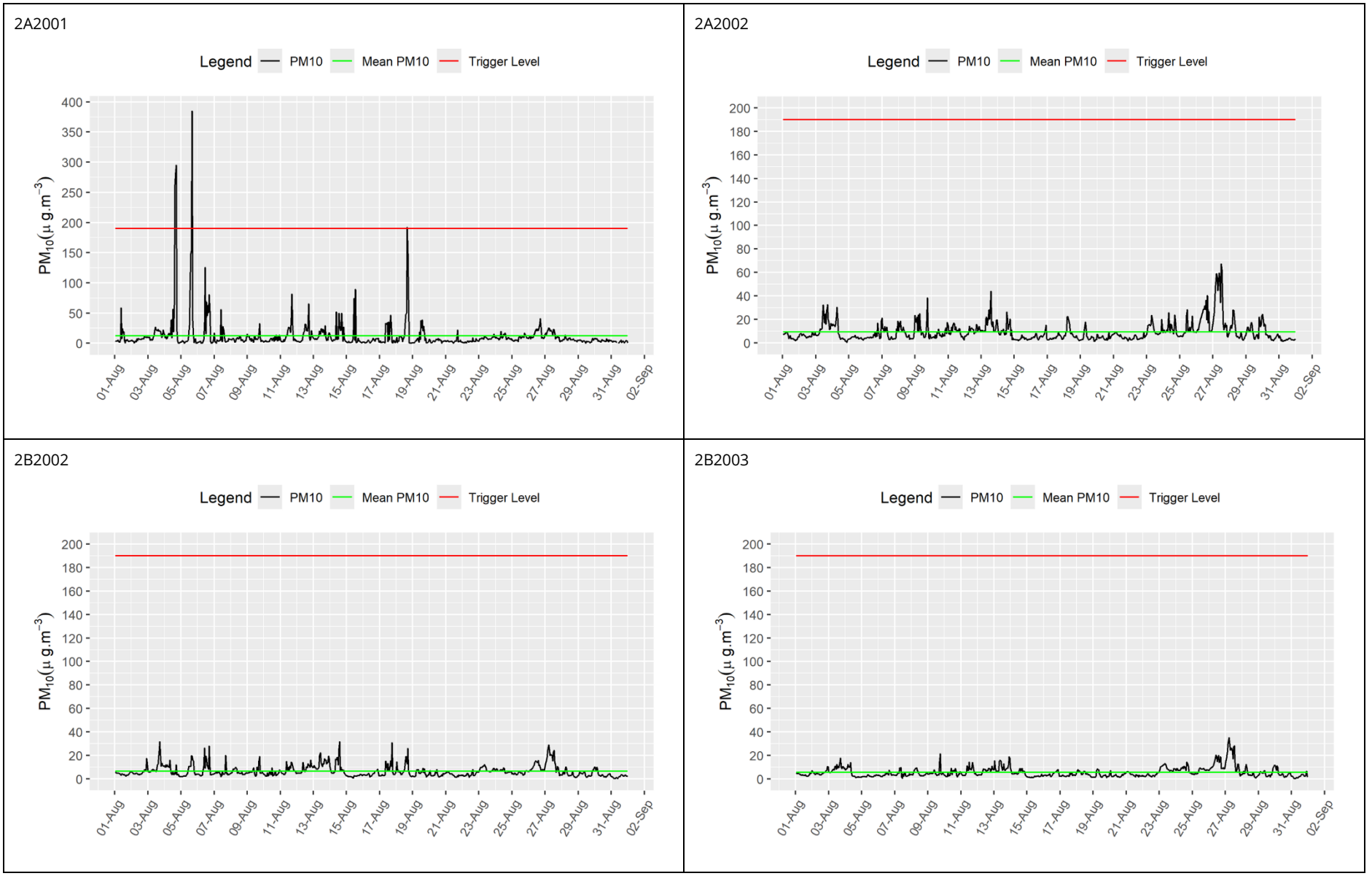
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Appendix B – Dust Monitoring Results

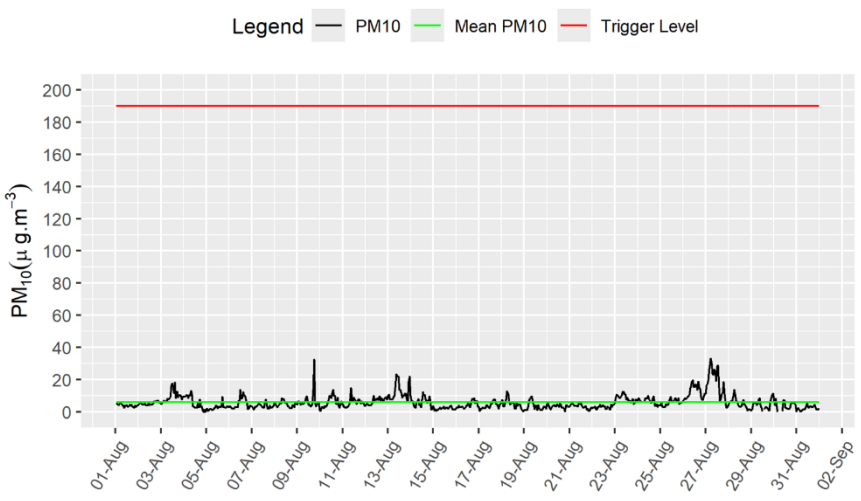
Table 1: Dust Monitoring Locations and Results

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 ($\mu g/m^3$)	Minimum 1-hour PM_{10} concentration ($\mu g/m^3$)	Maximum 1-hour PM_{10} concentration ($\mu g/m^3$)	Number of 1-hour periods exceeding trigger level of 190 $\mu g/m^3$	Data capture (%)
2A2001	432797, 271427	East Lodge, Stoneleigh Park	M	Yes	No	12.3	0.1	384.8	5	99.9
2A2002	432566, 271671	East Lodge, Stoneleigh Park	M	Yes	No	9.5	0.6	67.3	0	100.0
2B2002	426768, 276023	Sublot 2B2, at nearest sensitive receptor on Hodgetts Lane	M	Yes	No	6.7	0.3	31.7	0	100.0
2B2003	427135, 275649	Sublot 2B2, at Broadwell Woods Caravan Park	N	Yes	No	5.8	0.4	35.3	0	100.0
2B1002	430371, 273678	Sublot 2B1, at Brookview Farm, Millburn Grange	M	Yes	No	6.0	0.1	33.2	0	99.3
2AS001	437577, 264590	Sublot 2AS, at Welsh Road Farm	M	Yes	No	5.7	0.1	32.4	0	99.9
OC001	437205, 265256	Spring Hill Cottages, Offchurch Cutting	M	Yes	No	8.6	1.2	92.5	0	100.0
CUB002	434097, 270282	Sublot 2A2, at Furzon Hill Cottages	L	Yes	No	8.0	0.2	92.4	0	99.7
FOS001	436912, 265643	Fosse Way Compound, on Long Itchington Road	M	Yes	No	5.6	0.2	115.3	0	100.0
FOS002	436506, 266235	Valley Fields, Fosse Way Main	L	Yes	No	7.3	0.6	74.5	0	100.0
BGT004	426983, 275858	301 Cromwell Lane, Burton Green	M	Yes	No	6.8	0.1	128.8	0	66.0
A46001	431535, 272936	Sublot 2A3, A46, Kingswood Farmhouse	M	Yes	No	6.9	0.2	34.9	0	64.4

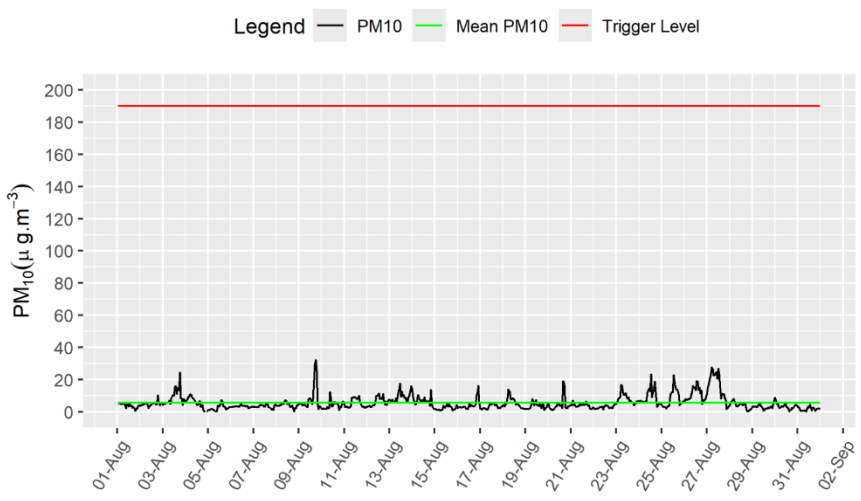
Figure 4: Construction dust 1-hour mean indicative PM_{10} concentration for all dust monitors



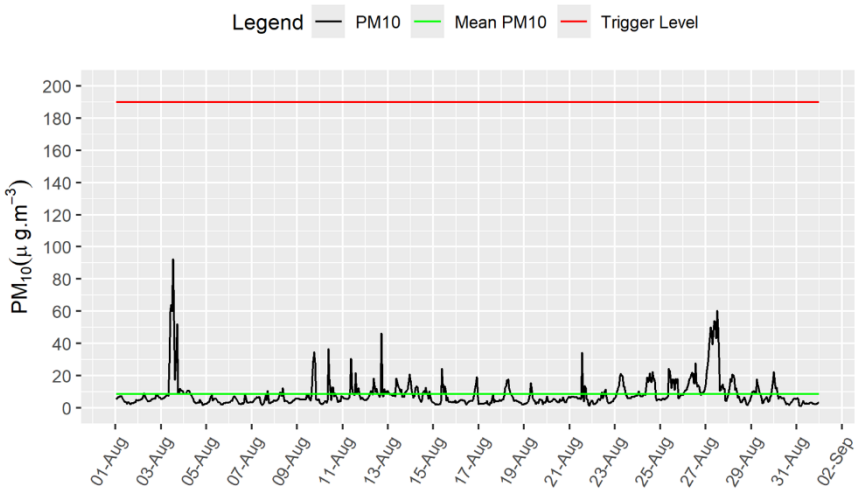
2B1002



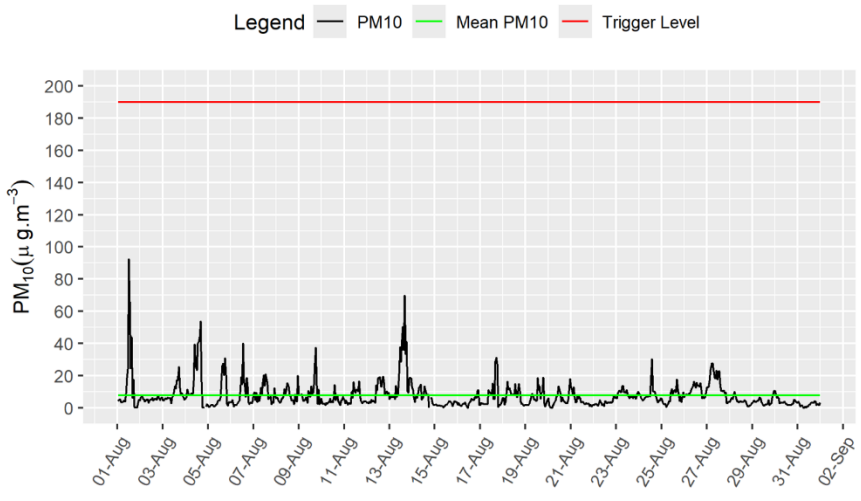
2AS001



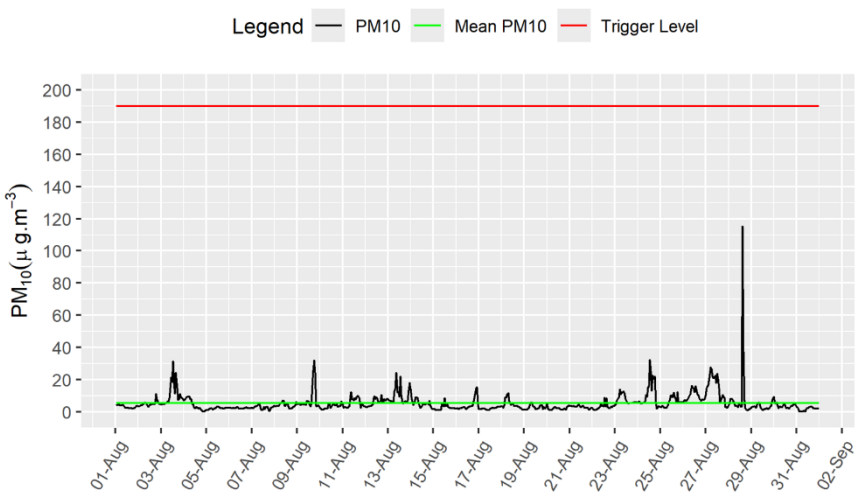
OC001



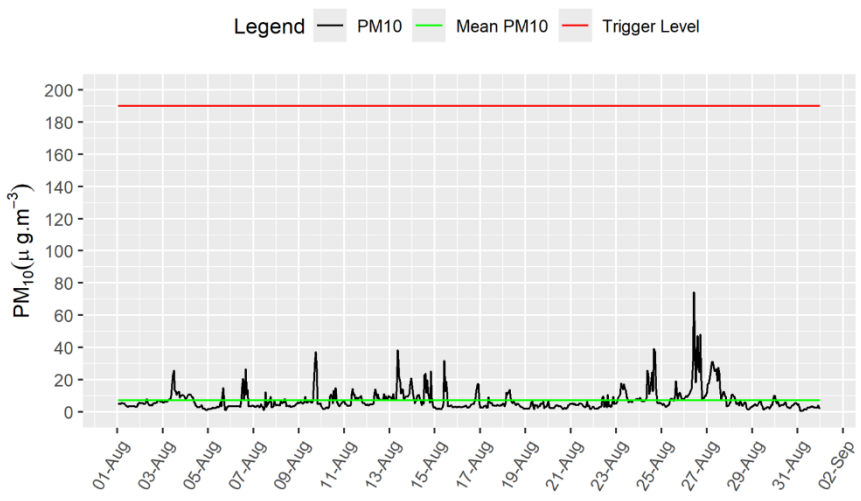
CUB002



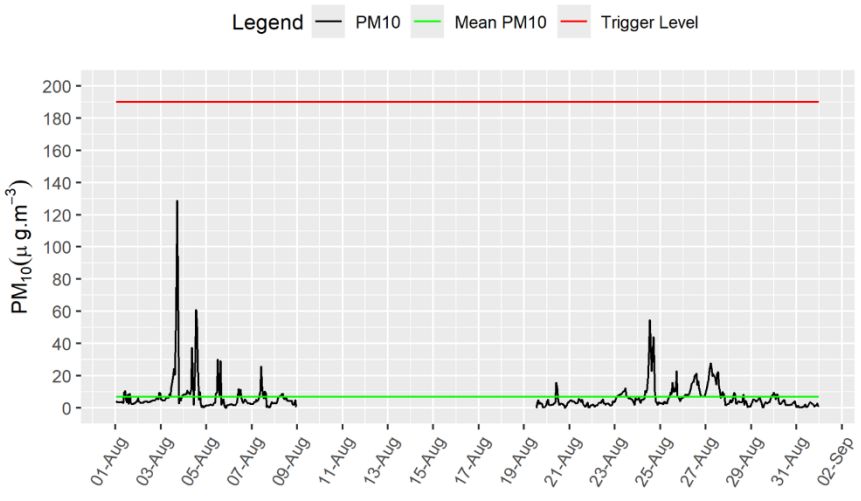
FOS001



FOS002



BGT004



A46001

