

Air Quality and Dust Monitoring Monthly Report – May 2026

Warwick District Council



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 May 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

- AB0 wing wall construction.
- Portal backfill.
- 6c placement.
- Vac-Ex permanent drainage work.
- Remedial works on Greenway footpath.
- Springhill Fosseway Drainage.
- Green way cycle bridge.
- Placing of 6N for Cycle route.
- Placing of subsoil / excavation of drainage ditch.

Stoneleigh Park

- Offline realignment work (drainage / utilities / earthworks).

Cubbington Compound Worksite

- Concrete repair works AB0.
- Waterproofing works to deck.
- River Leam: concrete finishing to abutments and piers.
- River Leam: robust kerb pour.
- River Leam: waterproofing works to walkway mass fill areas.
- Deck drainage works: pour for wingwall over-hangs AB0.
- Deck drainage works: mass-fills shuttering to start on completion of robust kerbs.

- Deck drainage works: breakdown of wingwall shutters.
- Deck drainage works: breaking out of blinding on AB0 and AB5 once the wingwalls are complete and blackjacked.
- Coventry Road: installation of gabion baskets between Leicester Lane and Coventry Road.
- Coventry Road: waterproofing to deck.
- Coventry Road: deck drainage.
- Coventry Road: back of wall drainage.
- W130 and Mill Lane: excavation works on Mill Lane on W130.
- W130 and Mill Lane: putting in drainage system on Mill Lane.

Burton Green Tunnel (Sublot 2B2)

Burton Green Tunnel

- Utility diversion works for Cromwell Lane realignment.

Broadwell Woods Caravan Park

- Burton Green Tunnel structure technical backfill.

Welsh Road Underbridge Satellite Compound (Sublot 2AS)

Offchurch Cutting – Welsh Road Farm

- Placing of CL9J on Underbridge.
- Highways Outfall – Drainage.
- Site delivery to Longhole Viaduct.
- Earthworks movement and drainage works.

Offchurch Cutting – Valley Fields

- Earthworks (EWKS) continue backfill.
- Blinding protection layer.
- Temporary works (TW) checks prior to below formation level (BFL).
- Scaffold.
- Install parapet anchors.
- EWKS technical backfill.
- Shaping.
- Reinstate access to residents.
- EW working on embankments.
- Technical backfill.
- Access tracks for National Grid electricity distribution (NGED) / V Drains.
- Hunningham highway drainage.
- Hunningham culvert vegetation clearance.
- Remedial works on Greenway footpath.
- Springhill Fosseway drainage.
- Greenway cycle bridge.

- Placing of 6N for Cycle route.
- Placing of subsoil / excavation of drainage ditch.

Offchurch Cutting – Brickyard Cottage

- EWKS continue backfill.
- Blinding protection layer.
- TW checks prior to BFL.
- Scaffold.
- Install parapet anchors.
- EWKS technical backfill.
- Shaping.
- Reinststate access to residents.
- EW working on embankments.
- Technical backfill.
- Access tracks for NGED / V Drains.
- Hunningham highway drainage.
- Hunningham culvert vegetation clearance.
- Remedial works on Greenway footpath.
- Springhill Fosseway drainage.
- Greenway cycle bridge.
- Placing of 6N for Cycle route.
- Placing of subsoil / excavation of drainage ditch.

A429 Kenilworth Road Overbridge (Sublot 2B1)

Kenilworth Road Overbridge – Millburn Grange

- Canley pumping station construction.
- Kenilworth cutting south mainline cutting.
- Dig and replace (D&R) cut and fill.
- Batter resoiling.

Kenilworth Road Overbridge - Brookview

- Crusher and screening at A429 roadhead.
- Barretts installing concrete protection over Canley viaduct.
- Canley pumping station construction.
- Kenilworth cutting south mainline cutting.
- D&R cut & fill.
- Batter resoiling.

Kenilworth Road Overbridge – 16 Kenilworth Road

- At A429 East Tie-in, Keltbray is working to complete remaining.
- Drainage, Landscape & Embankment works.

Sublot 2A3

Kingswood Farmhouse

- Operation of batching plant.
- Operation of mechanical workshop.
- Operation of aggregate stockpile.
- Generic compound operation (including laboratory).
- Concrete crusher.
- Generators.

A46 Barns

- Operation of batching plant.
- Operation of mechanical workshop.
- Operation of aggregate stockpile.
- Generic compound operation (including laboratory).
- Concrete crusher.
- Generators.

Four Winds

- Installation of site access points and plant crossing.
- Installation of temporary and permanent drainage.
- Contestable utility diversions, removal and protection.
- General site duties.
- Installation of temporary and permanent fencing including hoardings.
- Earthworks.
- Operation of topsoil & subsoil stockpile.
- Structures (Finham Brook viaduct & Dalehouse Lane overbridge).
- Structures (K29 overbridge).
- Highways.
- A46 single lane closure.
- Operation of plant wash area.

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 2, 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.

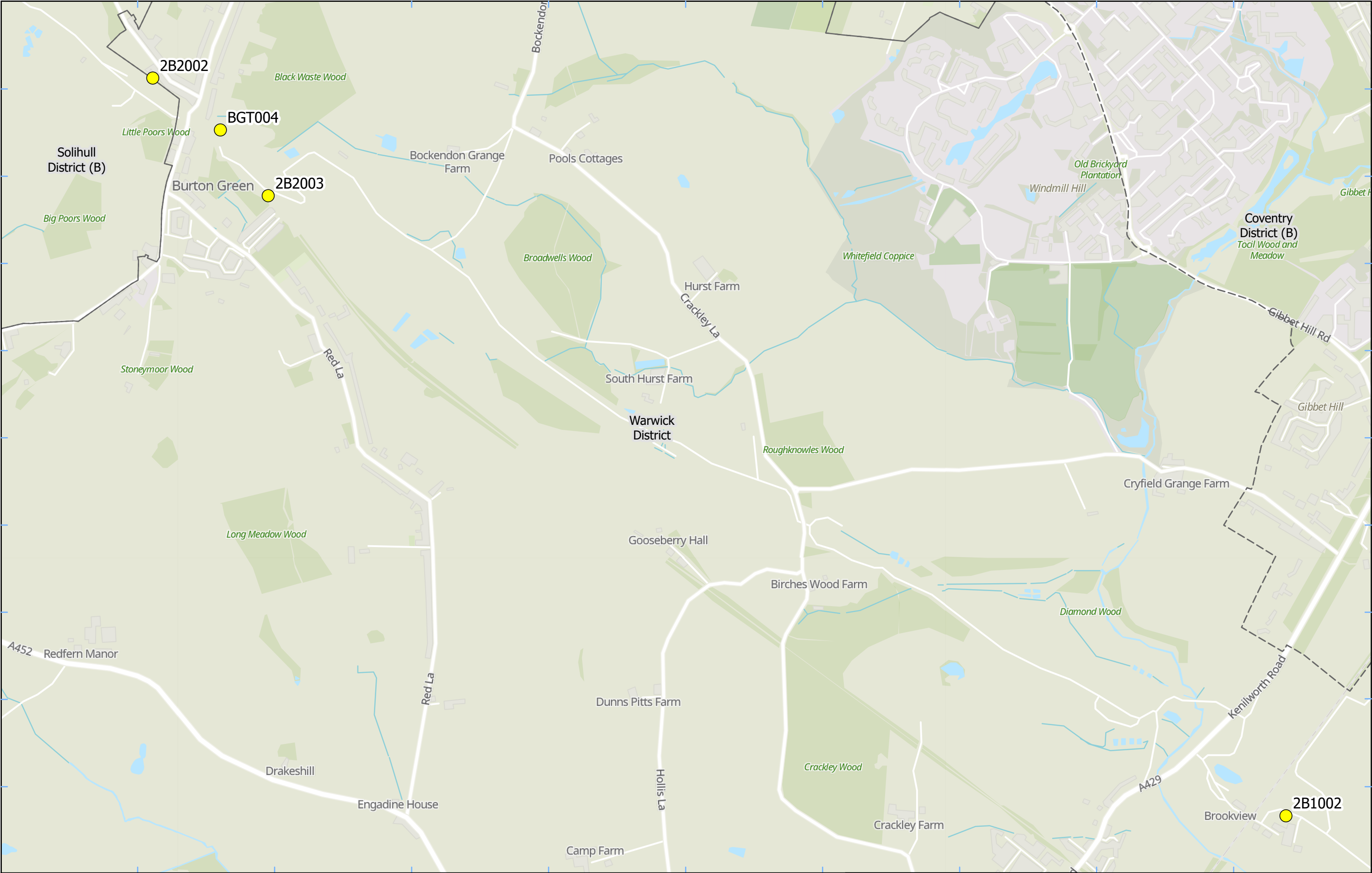
- 1.1.7 The trigger level for PM₁₀ concentrations of 190 µg/m³, over a 1-hour period, in accordance with the updated guidance document '*Guidance on Monitoring in the Vicinity of Demolition and Construction Sites – (October 2018)*' has been applied.
- 1.1.8 No (0) dust trigger alerts were recorded during the monitoring period (May 2026).
- 1.1.9 Data capture was below 90% for multiple monitors due to:
- Monitor 2A2002 – A monitor swap out was done on 7th May 2026. After this site visit, the technical issues were resolved.
 - Monitor 2B2003 – A monitor swap out was done on 7th May 2026. After this site visit, the technical issues were resolved.
 - Monitor FOS001 – A monitor swap out was done on 28th May 2026. After this site visit, the technical issues were resolved.
- 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 May 2026

Complaint Reference No.	Worksite Reference	Description of complaint	Results of investigation
HS2-26-47411-C	N/A	Increased amount of dust in the area, covering personnel property.	Still under investigation at the time of running report.

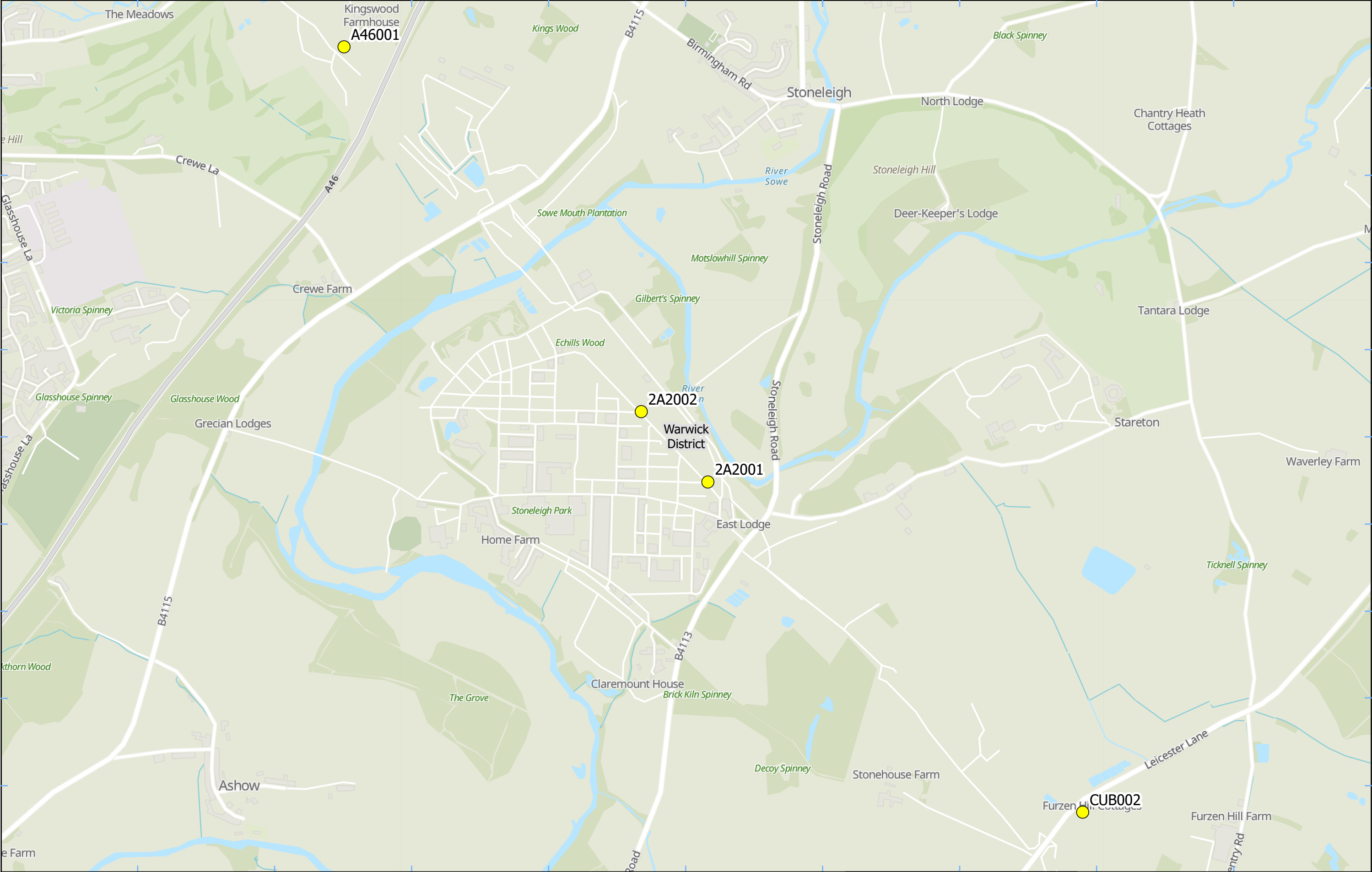
Appendix A – Worksites and Monitoring Locations

Figures 1-3: Worksites and Monitoring Locations within WDC



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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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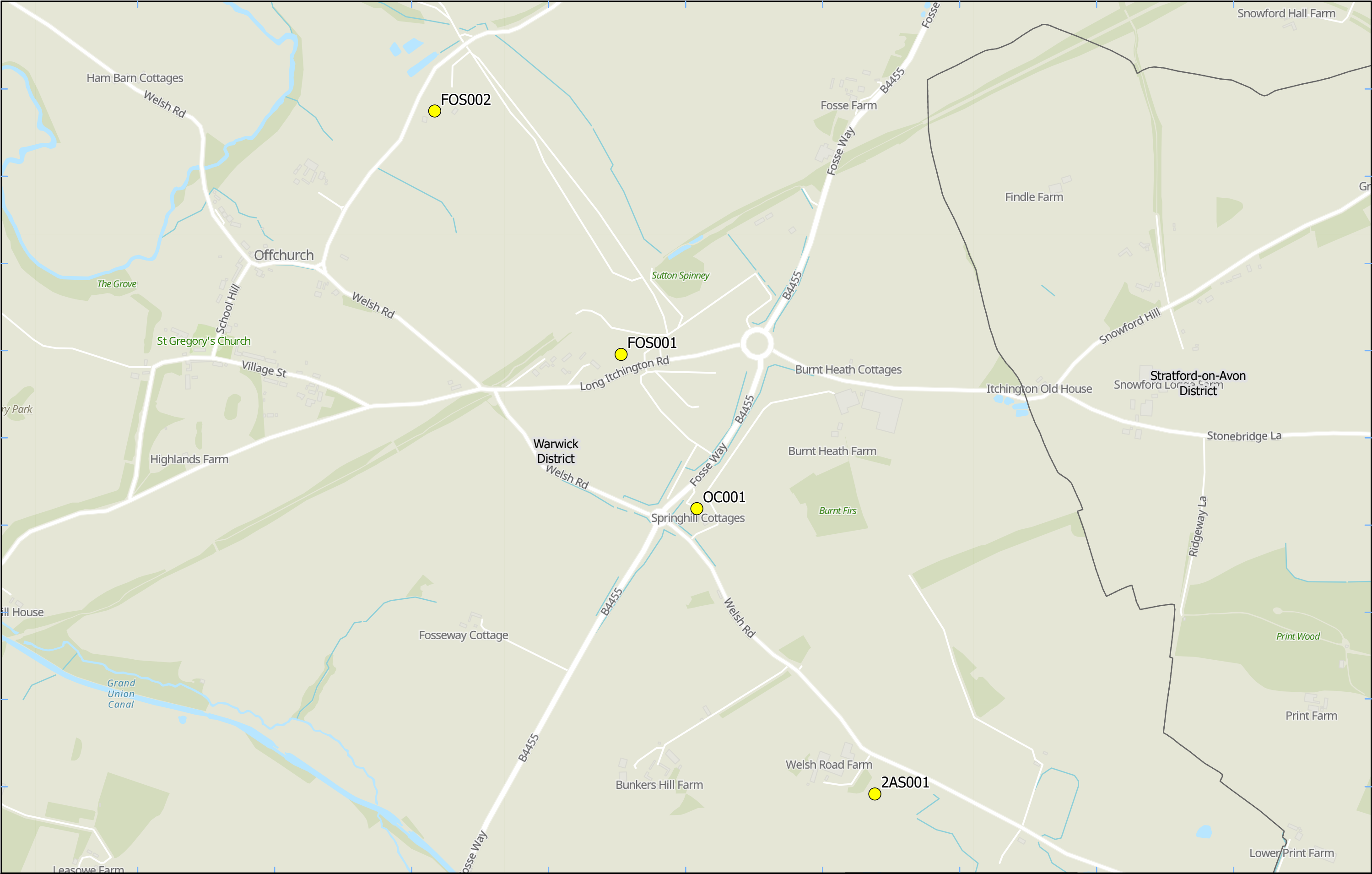
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Appendix B – Dust Monitoring Results

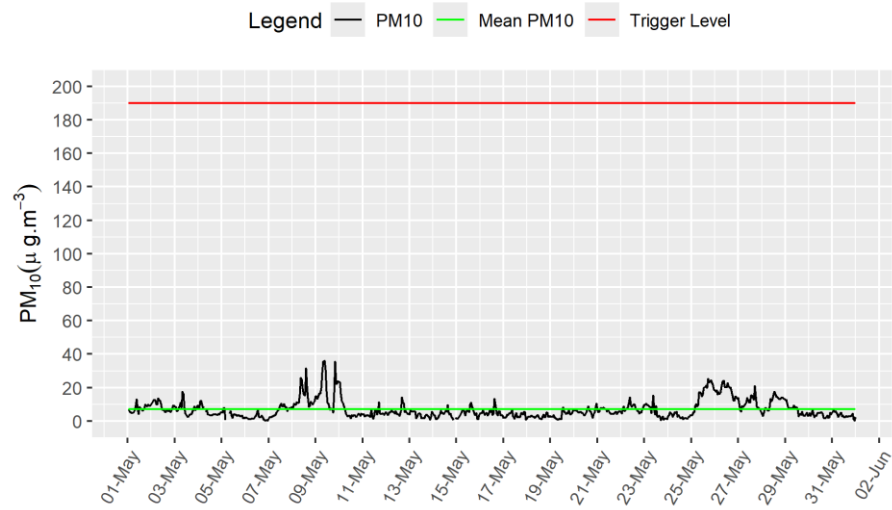
Table 2: Dust Monitoring Locations and Results

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	8.5	0.1	36.2	0	100.0
2A2002	432566, 271671	East Lodge, Stoneleigh Park	M	Yes	No	7.5	0.1	48.1	0	88.2
2B2002	426768, 276023	Sublot 2B2, at nearest sensitive receptor on Hodgetts Lane	M	Yes	No	6.2	0.1	29.8	0	97.2
2B2003	427135, 275649	Sublot 2B2, at Broadwell Woods Caravan Park	M	Yes	No	6.2	0.1	38.0	0	79.3
2B1002	430371, 273678	Sublot 2B1, at Brookview Farm, Millburn Grange	M	Yes	No	7.0	0.2	36.3	0	99.5
2AS001	437578, 264581	Sublot 2AS, at Welsh Road Farm	M	Yes	No	8.8	0.2	90.9	0	100.0
OC001	437205, 265256	Springhill Cottages, Offchurch Cutting	M	Yes	No	5.8	0.1	56.9	0	99.9
CUB002	434097, 270282	Sublot 2A2, at Furzon Hill Cottages	M	Yes	No	6.0	0.1	30.5	0	99.9
FOS001	436912, 265643	Fosse Way Compound, on Long Itchington Road	M	Yes	No	4.5	0.3	14.9	0	12.0
FOS002	436506, 266235	Valley Fields, Fosse Way Main	L	Yes	No	7.3	0.3	39.2	0	100.0
BGT004	426983, 275858	301 Cromwell Lane, Burton Green	M	Yes	No	5.8	0.3	31.0	0	100.0
A46001	431535, 272936	Sublot 2A3, A46, Kingswood Farmhouse	M	Yes	No	8.5	0.1	36.2	0	100.0

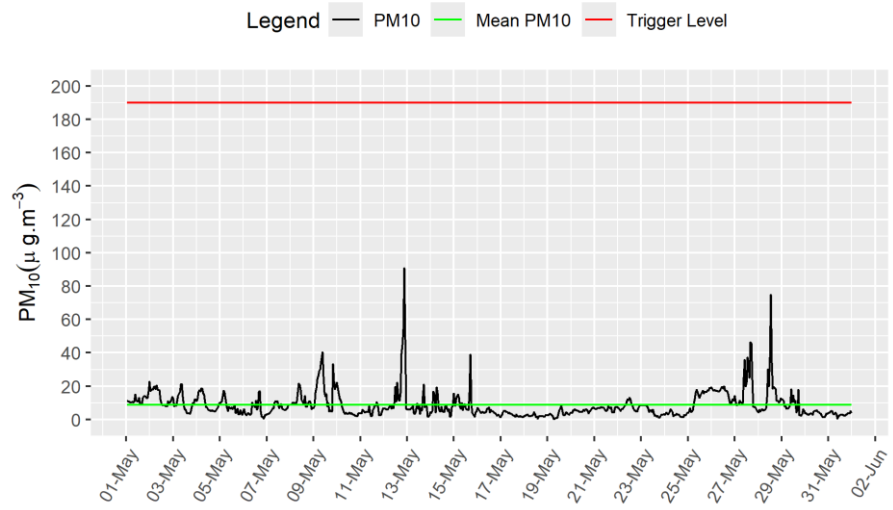
Figure 4: Construction dust 1-hour mean indicative PM₁₀ concentration for all dust monitors



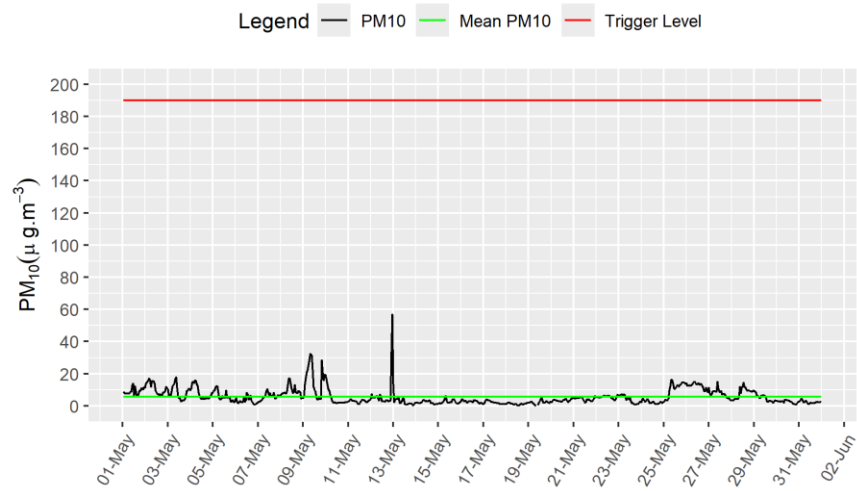
2B1002



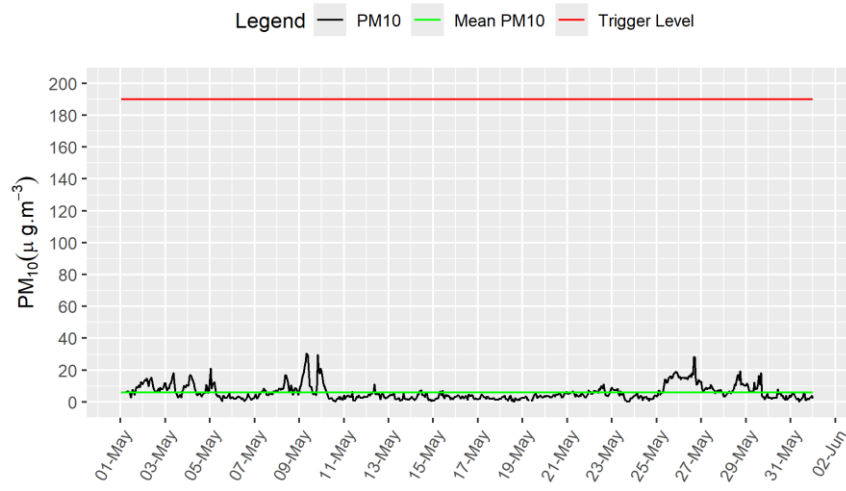
2AS001



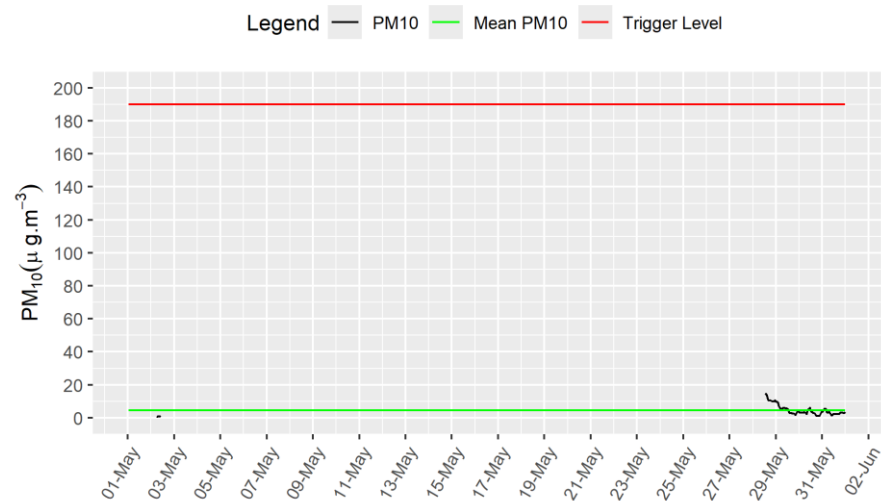
OC001



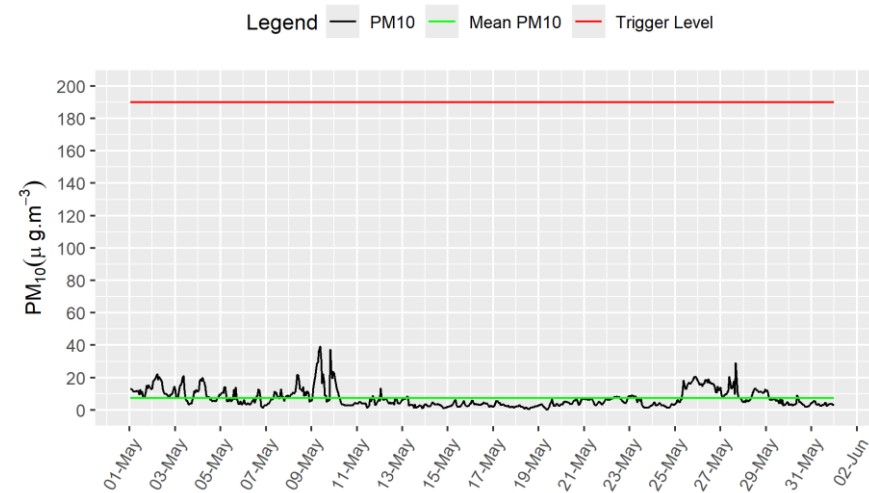
CUB002



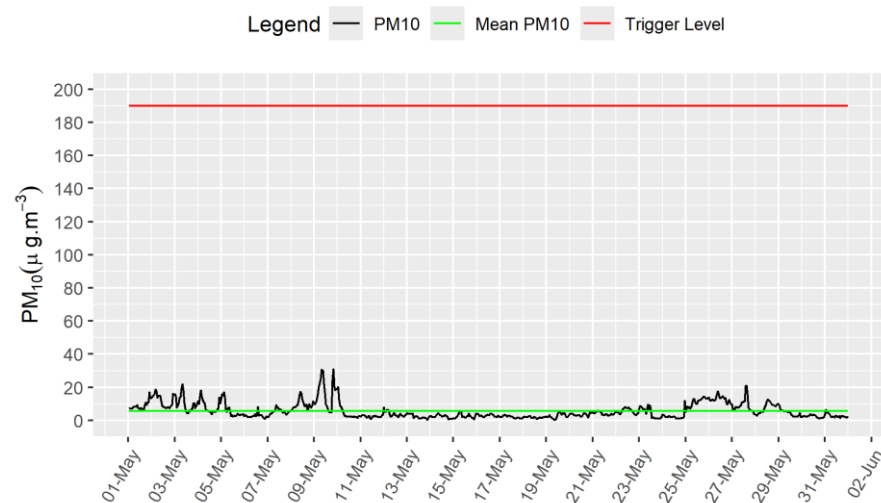
FOS001



FOS002



BGT004



A46001

