

Air Quality and Dust Monitoring Monthly Report – February 2026

Lichfield 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 dust monitoring undertaken in Lichfield District Council (LDC) during February 2026.
- 1.1.2 Figures 1 and Figure 2 in Appendix A presents 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 and 2, include:

Sublot 8.1

Whittington Common Cutting

- No BBV works took place during February 2026.

Swinfen Cutting South

- No BBV works took place during February 2026.

Sublot 8.2

Streethay Area 1 works

- Excavation and pile cropping.

Streethay Area 6 works

- Road works.

Streethay Area 7 works

- Piling works.

Sublot 8.3

Streethay Area 1 works

- Excavation and pile cropping.

Streethay Area 6 works

- Road works.

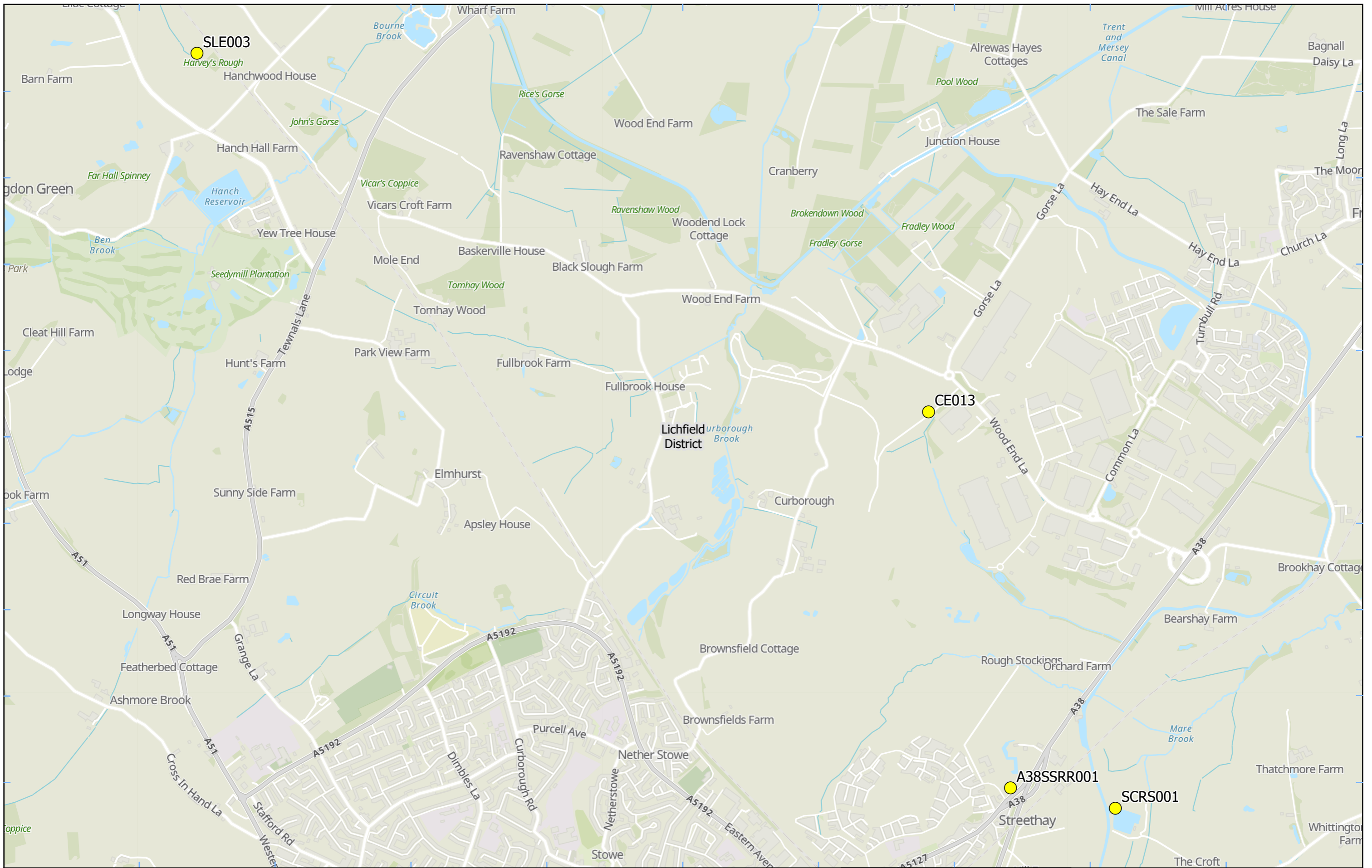
Streethay Area 7 works

- Piling works.

- 1.1.5 Four (4) 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 the dust monitors presented in Figure 3. 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 (February 2026).
- 1.1.9 Data capture was below 90% for multiple monitors due to:
- Monitor A38SSRR001 – The issues were resolved on 15th February 2026.
 - Monitor CE013 – A battery refresh took place on 23rd February 2026. After the site visit, the issues were resolved.
 - Monitor SCRS001 – A battery refresh took place on 23rd February 2026. After the site visit, the issues were resolved.
 - Monitor SLE003 – A battery refresh took place on 5th February 2026. After the site visit, the issues were resolved.
- 1.1.10 There were no (0) complaints received during the reporting period (February 2026).

Appendix A – Worksites and Monitoring Locations

Figures 1-2: Worksites and Monitoring Locations within LDC



Legend
 Dust Monitor
 District Borough Unitary Boundaries

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Map Number
 Map Name
**Monitoring Locations
 In LDC (Sheet 1)**
 Lichfield District Council

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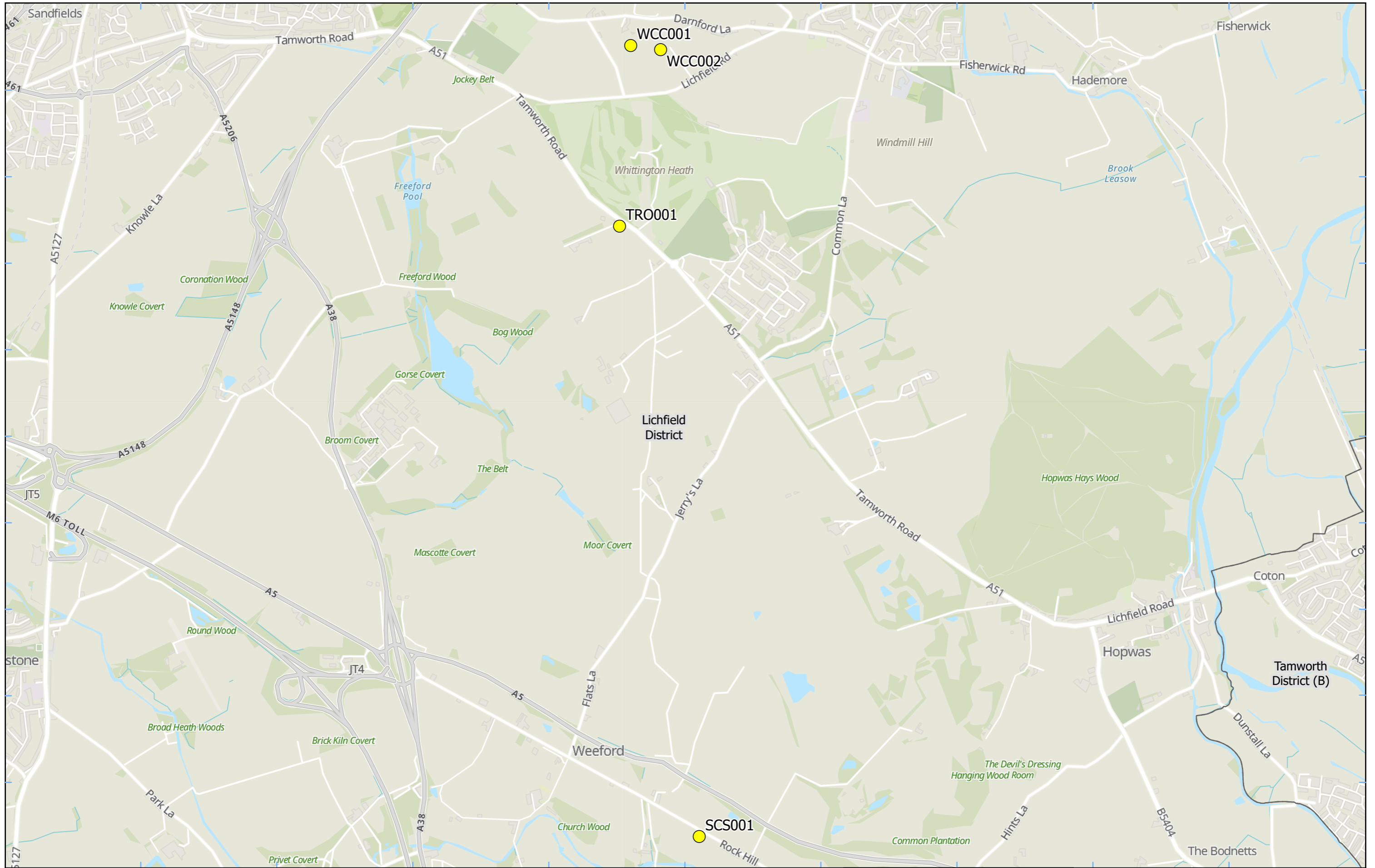
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Metres

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Legend

- Dust Monitor
- District Borough Unitary Boundaries

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Map Number

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

Lichfield 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 for Month (%)
SLE003	410077, 314464	New Farm Produce South, Shaw Lane Embankment	L	Yes	No	6.5	0.2	43.1	0	85.9
SCRS001	414895, 310500	Streethay Cutting Retaining Structure, King's Orchard Marina	M	Yes	No	10.2	0.1	141.6	0	41.2
A38SSRR001	414345, 310607	Thompson Way, Streethay, Fradley and Streethay	M	Yes	No	9.3	0.2	58.4	0	66.8
CE013	413915, 312581	Midlands Karting, Wood End Lane	L	Yes	No	10.7	0.1	56.3	0	86.2

Figure 3: Construction dust 1-hour mean indicative PM₁₀ concentration for all dust monitors

