

## Air Quality and Dust Monitoring Monthly Report – March 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.

High Speed Two (HS2) Limited,  
Two Snowhill  
Snow Hill Queensway  
Birmingham B4 6GA

Telephone: 08081 434 434

General email enquiries: [HS2enquiries@hs2.org.uk](mailto:HS2enquiries@hs2.org.uk)

Website: [www.gov.uk/hs2](http://www.gov.uk/hs2)

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 in Lichfield District Council (LDC) during March 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](http://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 March 2026.

### Swinfen Cutting South

- No BBV works took place during March 2026.

## **Sublot 8.2**

### Streethay Area 1 works

- Excavation and pile cropping.

### Streethay Area 6 works

- Road works: road build up, asphalt installation, drainage works, footpath and VRS construction, sheet pile removal and utilities exposure works.

### Streethay Area 7 works

- Piling works.

## **Sublot 8.3**

### Streethay Area 1 works

- Excavation and pile cropping.

Streethay Area 6 works:

- Road works: road build up, asphalt installation, drainage works, footpath and VRS construction, sheet pile removal and utilities exposure works.

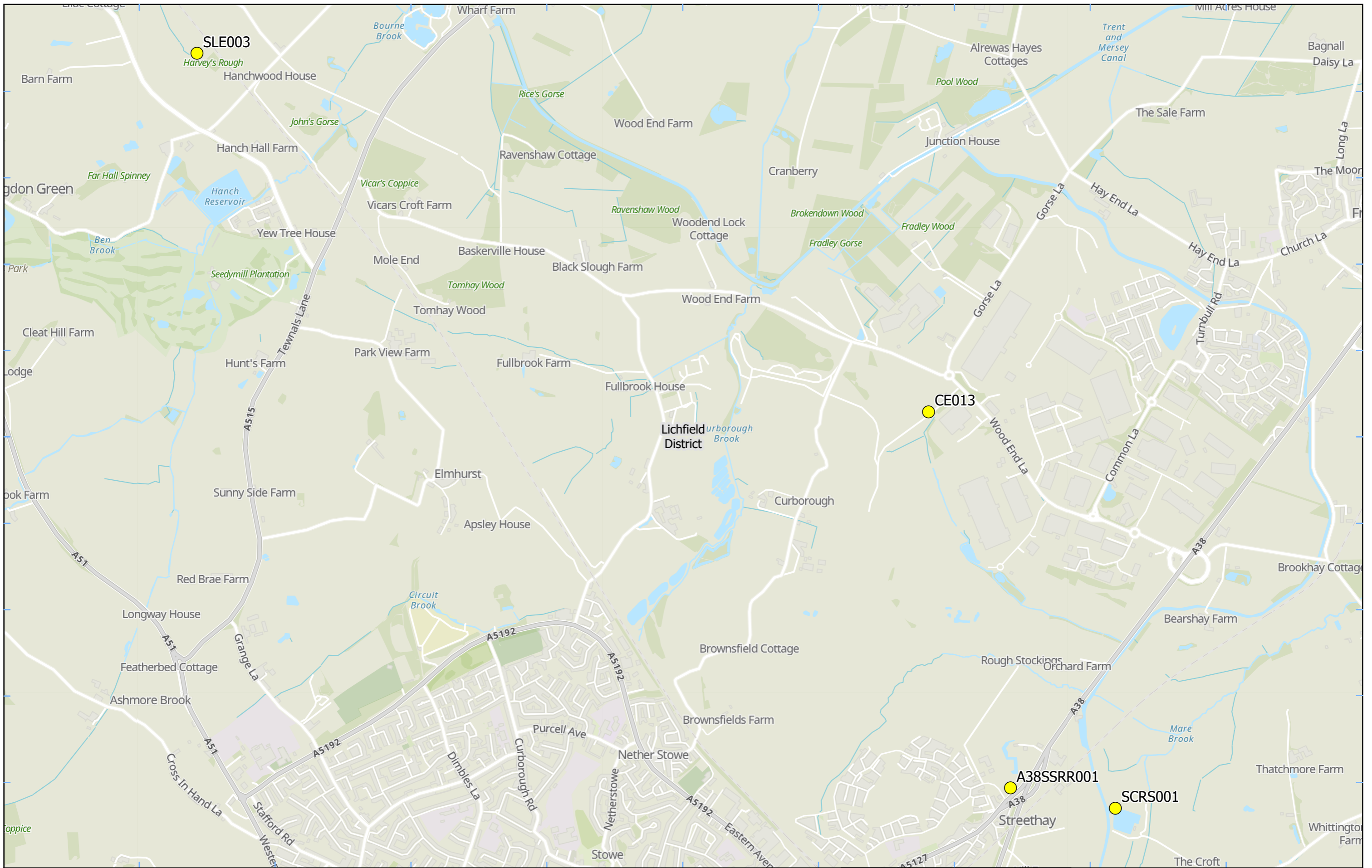
Streethay Area 7 works:

- 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 PM<sub>10</sub> concentrations of 190 µg/m<sup>3</sup>, 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 Details of the trigger alert investigations and remediations are presented in Appendix B, Table 2.
- 1.1.9 There were no (0) complaints received during the reporting period (March 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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 Contains data from OS Zoomstack

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

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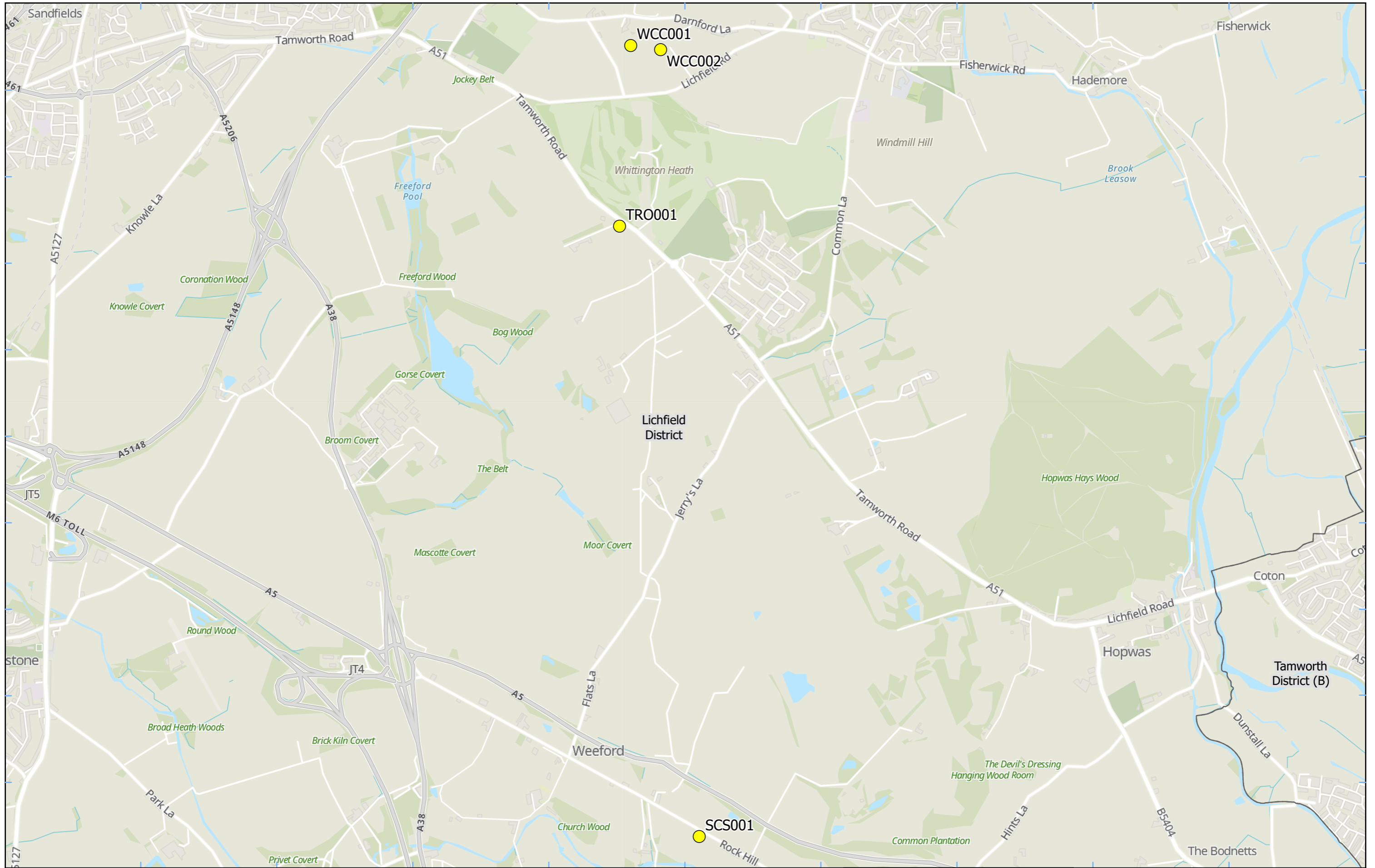
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Metres



**Legend**  
 Dust Monitor  
 District Borough Unitary Boundaries

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Map Number	
Map Name	<b>Monitoring Locations In LDC (Sheet 2)</b>
	<b>Lichfield District Council</b>

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Scale at A3: 1:20,000

Metres

**Date: 10/06/25**

## 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 <sub>10</sub> concentration (µg/m <sup>3</sup> )	Minimum 1-hour PM <sub>10</sub> concentration (µg/m <sup>3</sup> )	Maximum 1-hour PM <sub>10</sub> concentration (µg/m <sup>3</sup> )	Number of 1- hour periods exceeding trigger level of 190 µg/m <sup>3</sup>	Data capture for Month (%)
SLE003	410077, 314464	New Farm Produce South, Shaw Lane Embankment	L	Yes	No	11.2	0.1	54.3	0	99.7
SCRS001	414895, 310500	Streethay Cutting Retaining Structure, King's Orchard Marina	M	Yes	No	15.5	0.1	207.1	1	99.6
A38SSRR001	414345, 310607	Thompson Way, Streethay, Fradley and Streethay	M	Yes	No	16.1	0.1	178.8	0	93.7
CE013	413915, 312581	Midlands Karting, Wood End Lane	L	Yes	No	12.8	0.1	68.6	0	99.7

Table 2: Summary of exceedances during period (March 2026)

Monitoring Site ID	Period of trigger alert & Concentration recorded	Investigation	Outcomes / Resolution / Remedial measures implemented
SCRS001	09/03/2026 23:01 - 00:00; 207.1 µg/m <sup>3</sup>	No BBV construction works were being undertaken at the time of the exceedance, so the exceedance is not associated with works on site.	N/A

Figure 3: Construction dust 1-hour mean indicative PM<sub>10</sub> concentration for all dust monitors

