HS2

August 2026

Air Quality and Dust Monitoring Monthly Report – August 2026

Stratford-on-Avon District Council

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Department for Transport

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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 Stratford-on-Avon District (SoADC) during August 2026.

1.1.2 Figure 1 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, Figure 1, include:

Southam worksite

Harp Farm

- Earthworks and Highways for A423 re-alignment.
- Haul road and SAR movements and repairs
- Ladbroke Cutting - Bulk Earthworks
- Lorry deliveries and yard storage.
- Hydro-demolition works on A423 OB
- Structural activities for A423.
- Water management of ponds and pumps
- General Maintenance

Kineton road

- Bulk Earthworks around Southam cutting and Southam culverts
- Kineton Road - highways and structural activities
- Water Management
- Haul Road and site access road movements and repairs
- Leamington Road Embankment Group - Bulk Earthworks
- Crushing in Southam Cutting
- General maintenance
- Water management

1.1.5 Two (2) dust monitors are installed around these worksites, where works are underway. These sites returned a medium dust risk rating.

1.1.6 The dust monitoring location and results are presented in Appendix B, Table 1, together with line charts of monthly data from each dust monitor presented in Figure 2. 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.

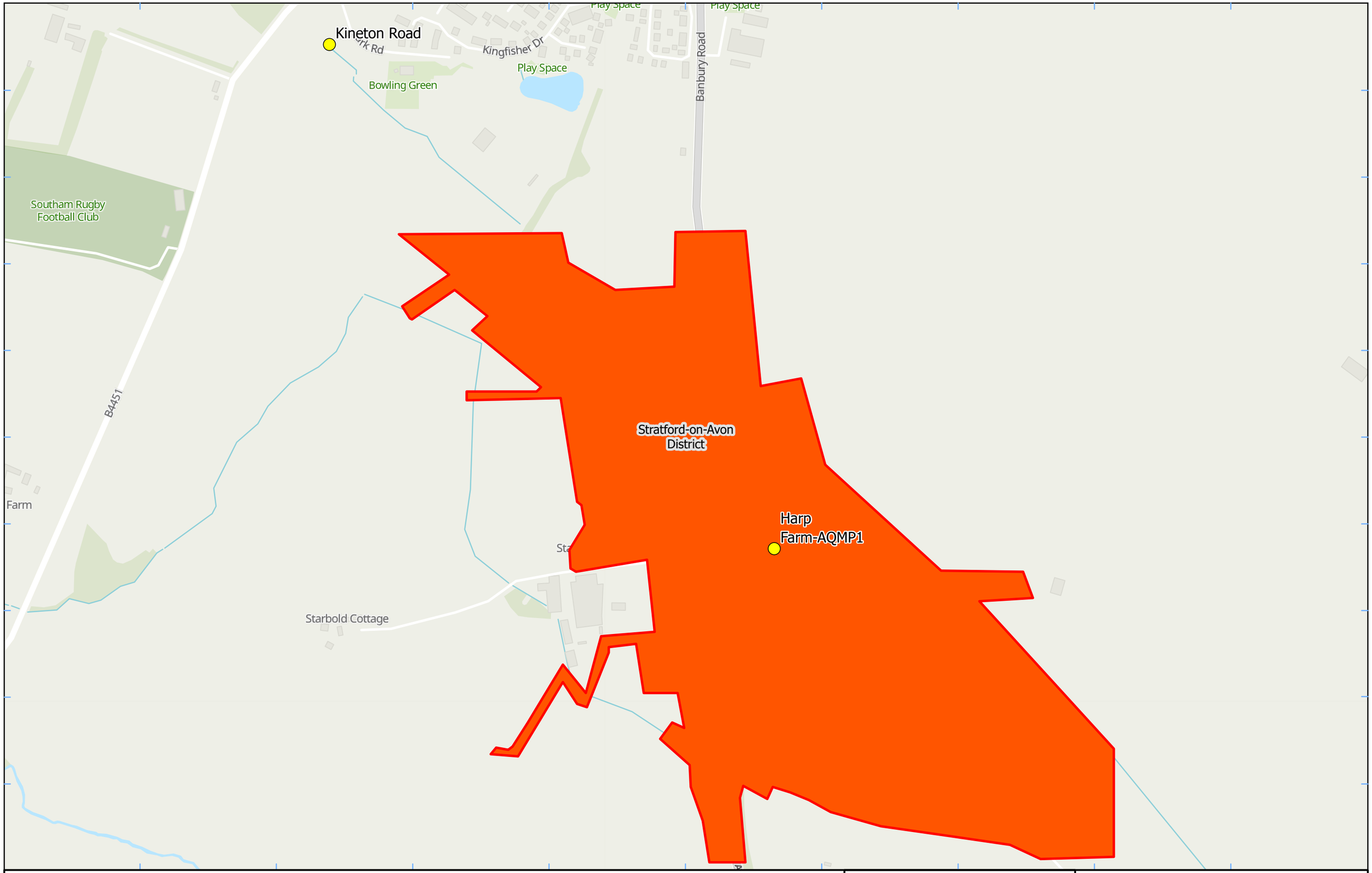
1.1.8 No (0) dust trigger alerts were recorded during the monitoring period (August 2026).

1.1.9 Data capture at Harp Farm-AQMP1 was below the 90% in August 2026 due to a monitor signal issue, resulting in no data capture from 26th August 2026 onwards.

1.1.10 There were no (0) complaints received during the reporting period (August 2026).

Appendix A – Worksites and Monitoring Locations

Figure 1: Worksites and Monitoring Locations within SoADC



Legend

Dust Monitor
District Borough Unitary Boundaries
Worksite

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Map Number

Map Name

Worksite and Monitoring Locations In SoADC (Sheet 1)

Stratford-on-Avon District Council

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Scale at A3: 1:5,000

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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 PM10 concentration (µg/m3)	Minimum 1-hour PM10 concentration (µg/m3)	Maximum 1-hour PM10 concentration (µg/m3)	Number of 1-hour periods exceeding trigger level of 190 µg/m3	Data capture (%)
Harp Farm-AQMP1	441738, 260075	Site boundary adjacent property on Harp Farm	M	Yes	Yes	7.6	1.0	77.0	0	82.4
Kineton Rd	441092, 260808	Adjacent to Kineton Road roundabout	M	Yes	Yes	5.5	1.0	32.0	0	99.6

Figure 2: Construction dust 1-hour mean indicative PM_{10} concentration for all dust monitors

