

Air Quality and Dust Monitoring Monthly Report – May 2025

Stratford-on-Avon 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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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 May 2025.
- 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

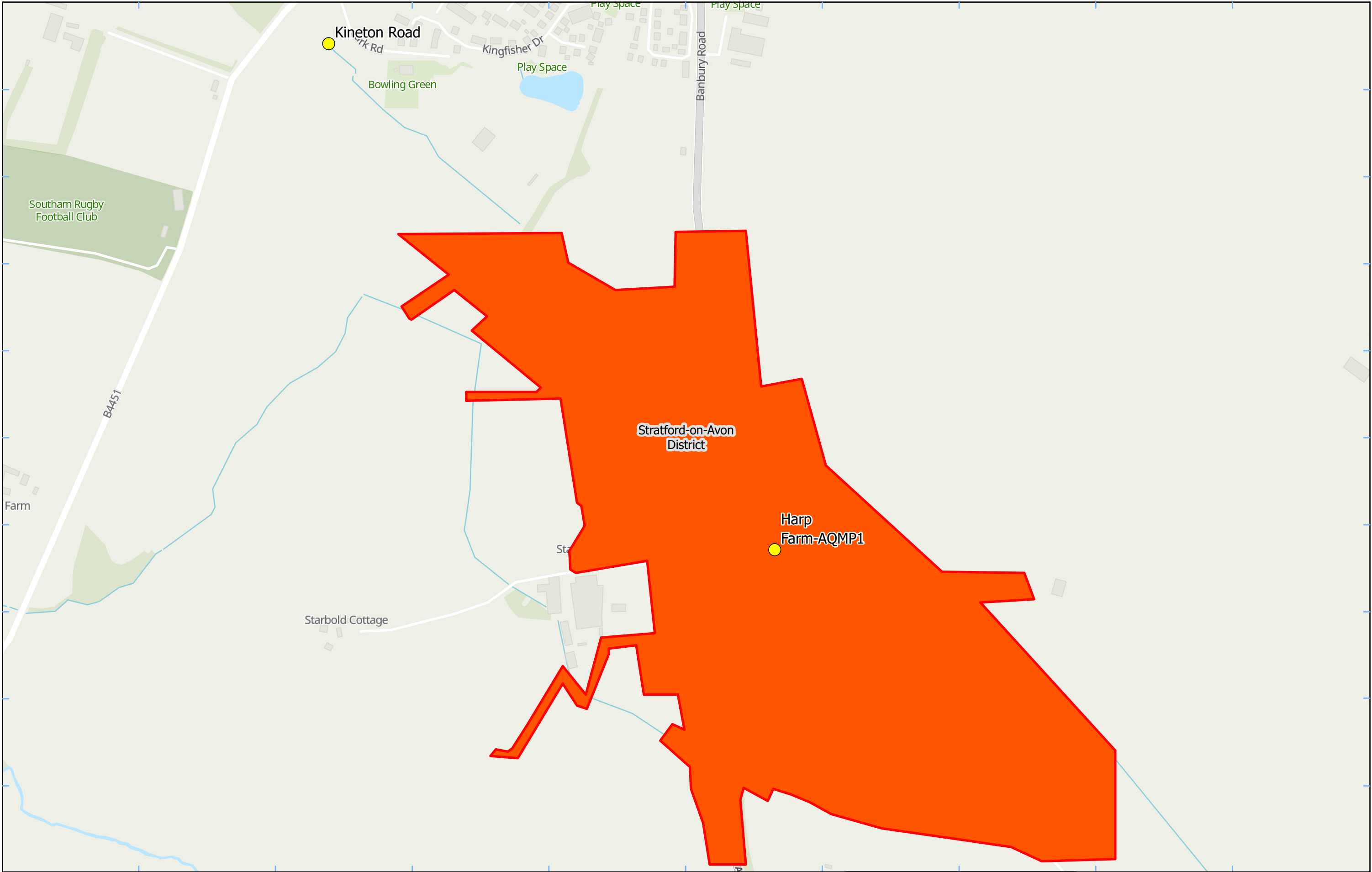
- Southam Culverts – Phase 3 backfill
 - Pond 9 & 10 – Stockpile relocation to land option 4
 - Ladbroke cutting – Section 3 excavation
 - Windmill lane OB – Haul road construction
 - Ladbroke Grove Embankment – E&R excavation
 - Upper Radbourne Embankment – E&R/ Starter layer installation
 - Oxford Canal North Embankment – Mainline UEF stabilisation works
 - Oxford Canal North Embankment – Landscape embankment fill
 - Oxford Canal Viaduct – Temporary 6N fill
 - Oxford Canal South Culvert – Phase 1 backfill
 - Oxford Canal South Embankment – Stockpile relocation to OCNE
 - A423 Ancillary culvert - Ancillary Culvert Earthworks - E&R Backfill
 - Oxford Canal Culvert Boddington utilities enabling works and southern bypass
 - A423 Southam Haul road crossing
 - 17-18th may - Site Wide Solar Panel Bases - Saturday only Pond 12 Access Road - Saturday only New Offices Platfor
 - 31st may Steel fixing and formwork assembly for Ancillary Culvert 124-AC1 in-situ concrete headwalls
- 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 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 2025).
- 1.1.9 There were no (0) complaints received during the reporting period (May 2025).

Appendix A – Worksites and Monitoring Locations

Figure 1: Worksites and Monitoring Locations within SoADC



Legend <div><div><div></div><div>Dust Monitor</div></div><div><div></div><div>District Borough Unitary Boundaries</div></div><div><div></div><div>Worksite</div></div></div> <div><div>Service Layer Credits: GB Topographic: Contains OS data © Crown Copyright and database right 2023 Contains data from OS Zoomstack</div></div>	Map Number	<div><div><div>hs2</div><div>Registered in England. Registration number 06791686. Registered office: 2 Snowhill, Queensway, Birmingham B4 6GA.</div></div><div><div>© Crown copyright and database rights 2024. Ordnance Survey Licence Number 100049190.</div><div>Doc Number:</div></div></div> <div><div><div>↑ N</div><div>Scale at A3: 1:5,000</div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div><div>Metres</div></div></div><div>Date: 26/03/24</div></div>
	Map Name	
	Stratford-on-Avon District Council	

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	6.9	1.0	34.0	0	100.0
Kineton Rd	441092, 260808	Adjacent to Kineton Road roundabout	M	Yes	Yes	9.1	1.0	46.0	0	99.7

