HS2

August 2026

Air Quality and Dust Monitoring Monthly Report – August 2026

Royal Borough of Kensington and Chelsea

© HS2 Ltd.

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

Website: www.gov.uk/hs2

A report prepared by EWCs and MWCCs on behalf of HS2 Ltd.

High Speed Two (HS2) Limited has actively considered the needs of blind and partially sighted people in accessing this document. The text will be made available in full on the HS2 website. The text may be freely downloaded and translated by individuals or organisations for conversion into other accessible formats. If you have other needs in this regard please contact High Speed Two (HS2) Limited.

© High Speed Two (HS2) Limited, 2026, except where otherwise stated. Copyright in the typographical arrangement rests with High Speed Two (HS2) Limited.

This information is licensed under the Open Government Licence v3.0. To view this licence, visit www.nationalarchives.gov.uk/doc/open-government-licence/ version/3 OGL or write to the Information Policy Team, The National Archives, Kew, London TW9 4DU, or e-mail: psi@nationalarchives.gsi.gov.uk. Where we have identified any third-party copyright information you will need to obtain permission from the copyright holders concerned.

recycle

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 monitoring undertaken in the Royal Borough of Kensington and Chelsea (RBKC) during July 2026.

1.1.2 Figure 1 in Appendix A present the current air quality monitoring locations.

1.1.3 This summary should be read in conjunction with the overview monitoring report 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 There are no current worksites located within the RBKC. Therefore, no dust monitoring has been carried out.

1.1.5 Diffusion tube monitoring of Nitrogen Dioxide (NO_2) is undertaken at seven (7) locations in around highways within the RBKC as part of the management of air quality where significant effects may occur as a result of the scheme.

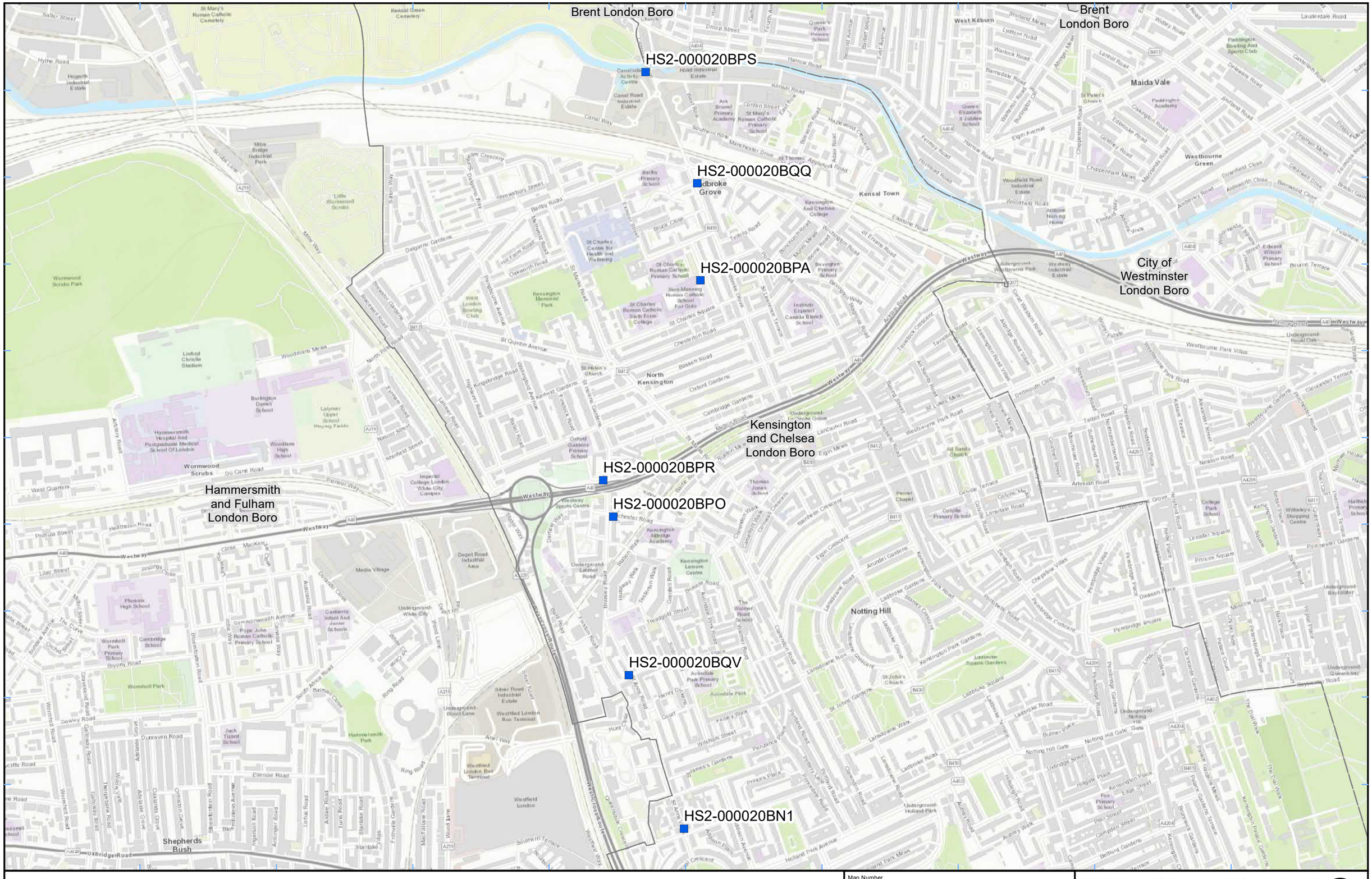
1.1.6 Diffusion tube monitoring results are as provided from the laboratory analysis, and therefore still require various analysis and adjustments to be undertaken. Final corrected results will be presented and described in the annual report. However, based on the results to date, no unexpected values were recorded during the monitoring period.

1.1.7 NO_2 monitoring locations and results are presented in Appendix B, Table 1, together with the 2026 running mean.

1.1.8 There were no (0) complaints received during this reporting period (August 2026).

Appendix A – Worksites and Monitoring Locations

Figure 1: Current monitoring locations within the RBKC



Legend

- Diffusion Tube
- District Borough Unitary Boundaries

Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Map Number

Map Name

Monitoring Locations In RBKC

Royal Borough of Kensington and Chelsea

HS2 Ltd accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if it is issued in part or issued incomplete in any way.

Registered in England. Registration number 06791686.
Registered office: 2 Snowhill, Queensway, Birmingham B4 6GA.

© Crown copyright and database rights 2020. Ordnance Survey Licence Number 100049190.

Scale at A3: 1:10,000

0 100 200 300 400

Metres

Doc Number:

Date: 08/12/20

Appendix B – Air Quality Monitoring Results

Table 1: NO_2 monitoring locations around highways, NO_2 concentrations and monthly monitoring results with running mean for 2026 (µg/m^3)

Monitoring Site ID	Location description	Coordinates (X, Y)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean[1][2]
HS2-000020BN1	Sign post on St Ann's Villas	523998, 180160	43	37	24	28	27	Tube Missing	21						30
HS2-000020BPO	Lamp post off Silchester Road	523792, 181066	35	28	Tube Missing	20	20	16	16						22
HS2-000020BPR	Lamp post at junction of Crowthorne Road and Bramley Road	523763, 181172	32	29	23	19	22	19	Tube Missing						24
HS2-000020BPS	Lamp post by fence on B450 Ladbroke Grove, south of A404 Harrow Road	523886, 182358	38	37	31	Tube Missing	25	23	Tube Missing						31

[1] *Note: to aid interpretation and conform with best practice, the monthly measurements in this table are reported rounded to the nearest whole number. The annual mean presented here is calculated based on laboratory data to 4 significant figures, rounded to a whole number, and therefore may differ slightly to a mean derived from averaging the rounded monthly measurements in the table.*

[2] *The annual mean for diffusion tubes presented in the table above still require various analysis and adjustments to be undertaken before comparison to the Air Quality Objectives. The final corrected annual mean will be presented in the HS2 Annual Air Quality Report.*

Monitoring Site ID	Location description	Coordinates (X, Y)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Mean[12]
HS2-000020BQQ	Lamp post along Ladbroke Grove, near shops and bus stop at Trevorton Road junction	524036, 182034	30	28	30	26	17	23	Tube Missing						26
HS2-000020BQV	Lamp post on St Ann's Street	523838, 180606	33	26	28	22	22	18	17						24
HS2-000020BPA	Triplicate site at Sion Manning School, St. Charles' square, next to the North Kensington urban background automatic monitoring stations	524045, 181752	25	22	26	13	12	12	Tubes Missing						18