HS2

December 2025

Air Quality and Dust Monitoring Monthly Report – December 2025

City of Westminster

© HS2 Ltd.

gov.uk/hs2

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, 2025, 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-governmentlicence/ 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 City of Westminster (CoW) during November 2025.

1.1.2 Figure 1 and Figure 2 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 CoW. Therefore, no dust monitoring has been carried out.

1.1.5 Diffusion tube monitoring of Nitrogen Dioxide (NO_2) was undertaken at thirteen (13) locations around highways within the CoW as part of the management of air quality where significant effects may occur as a result of the scheme.

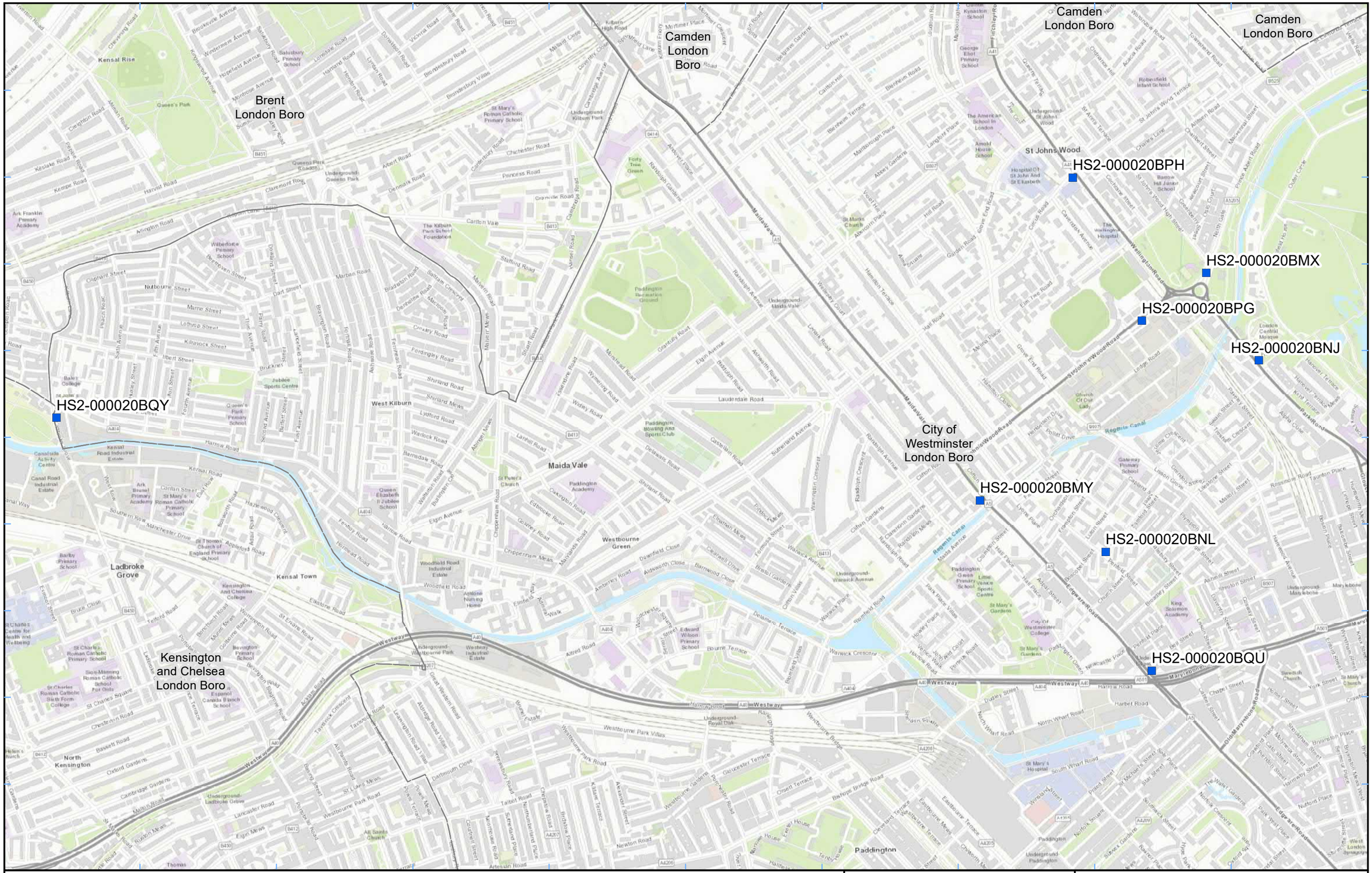
1.1.6 Diffusion tube monitoring results are provided from the laboratory analysis, and therefore still require various analysis and adjustments to be undertaken. Final corrected results will be presented and described in the annual report. However, based on the results to date, no unexpected values were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

1.1.7 NO_2 monitoring locations and results are presented in Appendix B, Table 1, together with the 2025 running mean.

1.1.8 There were no (0) complaints received during this reporting period (December 2025).

Appendix A –Monitoring Locations

Figures 1 and 2: Current monitoring locations within the CoW



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 CoW (Sheet 1)

City of Westminster

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.

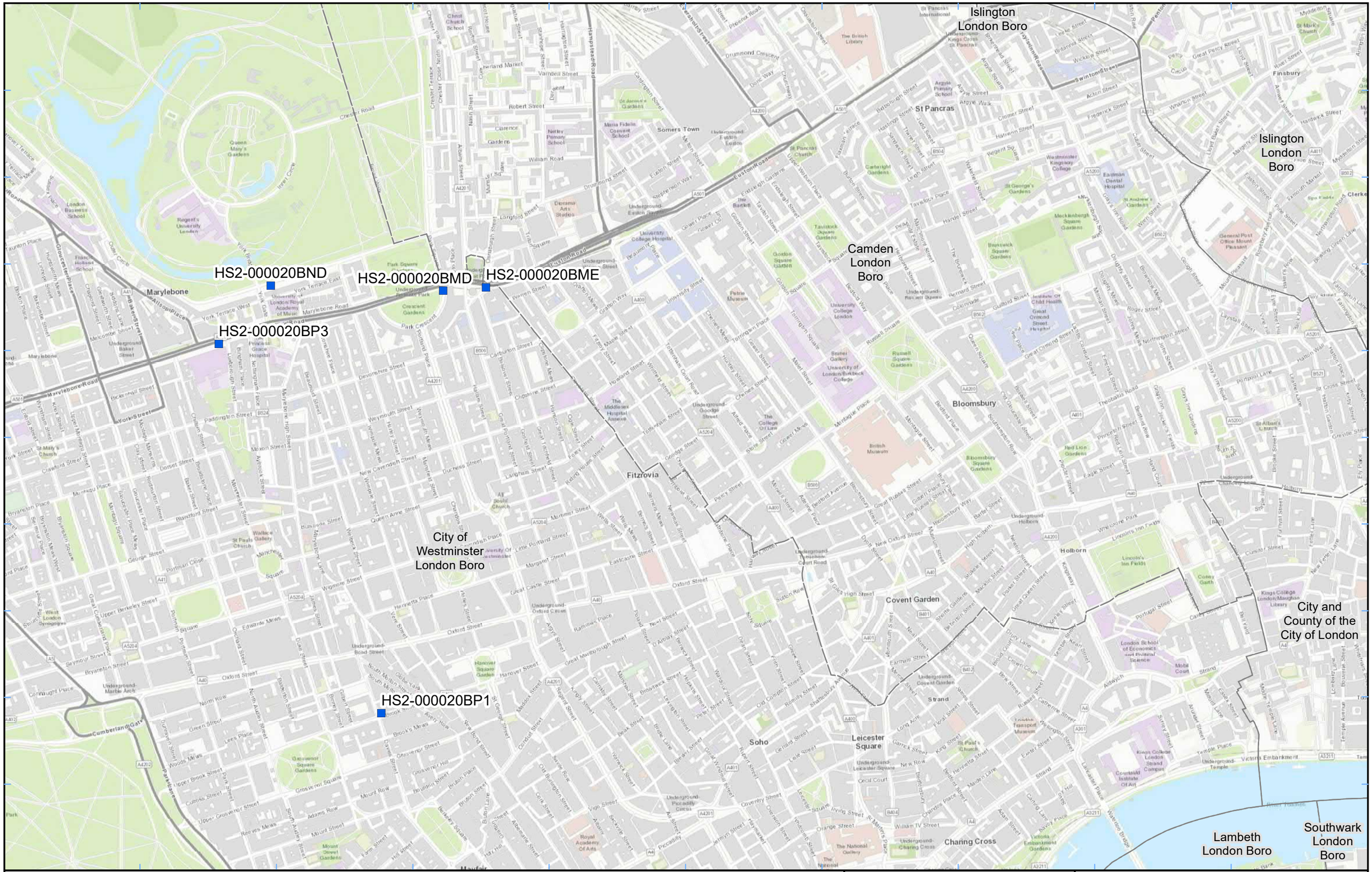
Scale at A3: 1:10,000

0 100 200 300 400
Metres

© Crown copyright and database rights 2021. Ordnance Survey Licence Number 100049190.

Doc Number:

Date: 03/03/21



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 CoW (Sheet 2)

City of Westminster

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.

Scale at A3: 1:10,000

0 100 200 300 400
Metres

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

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 2025 (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]
HS2-000020BMD	Lamp post on Park Crescent Road	528776, 182170	42	36	31	47	30	33	30	30	36	33	Tube Missing		35
HS2-000020BME	Lamp post in between A501 and A4201	528901, 182180	56	56	42	55	44	46	43	44	49	46	52		48
HS2-000020BMX	Sign post by roundabout on A5205	527206, 182887	37	32	37	33	24	30	29	26	29	31	56		33
HS2-000020BMY	Lamp post between Blomfield Road and Edgware Road	526549, 182226	44	36	54	35	24	26	27	24	26	29	Tube Missing		33
HS2-000020BND	Outer Circle Regent's Park	528276, 182185	29	26	39	22	14	Tube Missing	16	17	21	Tube Missing	Tube Missing		23

[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[1 2]
HS2-000020BNJ	Light post on Park Road	527359, 182633	47	37	46	34	19	36	Tube Missing	29	33	33	Tube Missing		35
HS2-000020BNL	Lamp post on Penfold Street	526914, 182077	32	30	33	28	18	20	19	18	21	22	23		24
HS2-000020BP1	Lamp post on Brook Street	528597, 180942	47	38	37	39	27	30	Tube Missing	27	29	30	38		34
HS2-000020BPG	Lamp post on St John's Wood Street	527019, 182748	40	32	37	34	20	18	18	20	19	24	27		26
HS2-000020BPH	Lamp post St John's Wood Terrace	526818, 183164	40	24	43	30	18	42	27	20	24	23	35		30
HS2-000020BQU	Lamppost outside Edgware Road Station	527048, 181731	42	40	47	47	40	35	37	34	37	37	41		40
HS2-000020BQY	Sign post on Ladbroke Grove	523867, 182466	46	45	37	46	33	28	28	30	28	29	32		35
HS2-000020BP3	Triplicate site next to the Marylebone Road kerbside automatic monitoring stations	528125, 182016	50	37	37	46	33	42	32	37	43	41	44		40