# London Borough of Brent Air Quality Annual Status Report for 2025

# Date of publication: May 2026

This report provides a detailed overview of air quality in London Borough of Brent during 2025. It has been produced to meet the requirements of the London Local Air Quality Management (LLAQM) statutory process[1].

## Contact details:

Charlene Burrows
Environmental Monitoring Officer
Regulatory Services
London Borough of Brent

020 8937 5252

Ens.monitoring@brent.gov.uk

Angelyn Francis
Air Quality Programme Manager
Healthy Streets and Parking
London Borough of Brent

020 8937 2033

airquality@brent.gov.uk

[1] LLAQM Policy and Technical Guidance 2019 (LLAQM.TG(19))

# Executive Summary: Air Quality in Our Area

## Air Quality in London Borough of Brent

Breathing in polluted air affects our health and costs the NHS and our society billions of pounds each year. Air pollution is recognised as a contributing factor in the onset of heart disease and cancer and can cause a range of health impacts, including effects on lung function, exacerbation of asthma, increases in hospital admissions and mortality.

Air pollution particularly affects the most vulnerable in society, children, the elderly, and those with existing heart and lung conditions. Low-income communities are also disproportionately impacted by poor air quality, exacerbating health and social inequalities.

Table ES 1 provides a brief explanation of the key pollutants relevant to Local Air Quality Management and the kind of activities they might arise from.

**Table ES 1 - Description of Key Pollutants**

| Pollutant | Description |
|---|---|
| Nitrogen Dioxide ($NO_2$) | Nitrogen dioxide is a gas which is generally emitted from high-temperature combustion processes such as road transport or energy generation. |
| Sulphur Dioxide ($SO_2$) | Sulphur dioxide ($SO_2$) is a corrosive gas which is predominantly produced from the combustion of coal or crude oil. |
| Particulate Matter ($PM_{10}$ and $PM_{2.5}$) | Particulate matter is everything in the air that is not a gas.<br>Particles can come from natural sources such as pollen, as well as human made sources such as smoke from fires, emissions from industry and dust from tyres and brakes.<br>$PM_{10}$ refers to particles under 10 micrometres. Fine particulate matter or $PM_{2.5}$ are particles under 2.5 micrometres. |

## Actions to Improve Air Quality

Whilst air quality has improved significantly in recent decades, there are some areas where local action is needed to protect people and the environment from the effects of air pollution.

## Conclusions and Priorities

Monitoring undertaken during 2025 shows that most diffusion tube monitoring sites recorded annual mean $NO_2$ concentrations below the national air quality objective of 40 µg/m³. Long-term monitoring indicates that $NO_2$ concentrations remain lower than in earlier years, with compliance achieved at most locations.

A small number of exceedances of the $NO_2$ annual mean objective were identified during 2025, all of which occurred at roadside locations. Where exceedances were recorded, these were generally marginal and limited to sites that have historically recorded higher $NO_2$ concentrations.

Between 2024 and 2025, most monitoring sites recorded small decreases or little change in annual mean $NO_2$ concentrations, and there was no evidence of a network-wide increase. Where increases were observed, these were confined to a small number of sites.

When compared with 2019, annual mean concentrations in 2025 are lower at almost all locations, often by a substantial margin. Remaining exceedances are localised and continue to occur at locations with a history of elevated roadside concentrations.

A review and update of Brent's Air Quality Action Plan 2023–2027 is required and will be a priority in the coming year. This will ensure the AQAP remains effective, with priorities for action clearly identified and aligned with current evidence and local needs.

## How to get Involved

Brent actively engages partners, the public, and decision makers to raise awareness of air quality and encourage community-led action, including promoting residents to become Air Quality Champions. The borough is involved in several action groups, including the London Wood Burning Project, Idling Action London initiatives, and the West London Air Quality Cluster Group, helping to share best practice and coordinate action across London. Public interest in air quality remains strong, particularly around traffic and health impacts, further information is available via the UK AIR Local Air Quality Dashboard, which explains local air quality and Council action under the Local Air Quality Management framework.

**Contents**


Executive Summary: Air Quality in Our Area ..... 3
Air Quality in London Borough of Brent ..... 3
Actions to Improve Air Quality ..... 3
Conclusions and Priorities ..... 4
How to get Involved ..... 4
Abbreviations ..... 7
1. Air Quality Monitoring ..... 9
1.1 Locations ..... 9
1.2 Comparison of Monitoring Results with AQOs ..... 24
2. Action to Improve Air Quality ..... 42
2.1 Air Quality Management Areas ..... 42
2.2 Air Quality Action Plan Progress ..... 43
3. Planning Update and Other New Sources of Emissions ..... 64
3.1 New or significantly changed industrial or other sources ..... 64
4. Additional Activities to Improve Air Quality ..... 65
4.1 London Borough of Brent Fleet ..... 65
4.3 Pan-London NRMM Auditing Project ..... 65
4.4 Air Quality Alerts ..... 66
Appendix A Details of Monitoring Site Quality QA/QC ..... 67
A.1 Automatic Monitoring Sites ..... 67
A.2 Diffusion Tubes ..... 67
A.3 Adjustments to the Ratified Monitoring Data ..... 69
Appendix B Full Monthly Diffusion Tube Results for 2025 ..... 74
Appendix C Summary of Breathe London Sensor Monitoring Data ..... 81
Appendix D Map(s) of Monitoring Locations and AQMAs ..... 82

**Tables**

**Table A. Summary of National Air Quality and International Standards, Objectives and Guidelines** ..... 8

Table B. Details of Automatic Monitoring Sites for 2025 ..... 9

Table C. Details of Non-Automatic Monitoring Sites for 2025 ..... 11

Table D. Annual Mean $NO_2$ Monitoring Results: Automatic Monitoring (µg $m^{-3}$) ..... 24

Table E. Annual Mean $NO_2$ Monitoring Results: Non-Automatic Monitoring (µg $m^{-3}$) ..... 26

Table F. $NO_2$ Automatic Monitoring Results: Comparison with 1-hour Mean Objective, Number of 1-Hour Means > 200 µg $m^{-3}$ ..... 36

Table G. Annual Mean $PM_{10}$ Automatic Monitoring Results (µg $m^{-3}$) ..... 37

Table H. $PM_{10}$ Automatic Monitoring Results: Comparison with 24-Hour Mean Objective, Number of $PM_{10}$ 24-Hour Means > 50 µg $m^{-3}$ ..... 39

Table I. Annual Mean $PM_{2.5}$ Automatic Monitoring Results (µg $m^{-3}$) ..... 40

Table L. Declared Air Quality Management Areas ..... 42

Table M. Delivery of Air Quality Action Plan Measures ..... 43

Table N. Planning requirements met by planning applications in London Borough of Brent in 2025 ..... 64

Table O. Bias Adjustment Factor ..... 68

Table P. Non-Automatic Monitoring Data Adjustment ..... 70

Table T. $NO_2$ Fall off With Distance Calculations ..... 73

Table U. $NO_2$ 2025 Diffusion Tube Results (µg $m^{-3}$) ..... 74

Table V- Details of Breathe London Sensor Sites ..... 81

**Figures**

Figure A. Map of Non-Automatic Monitoring Site(s) ..... 82

Figure B. Map of Automatic Monitoring Site(s) ..... 83

## Abbreviations

| Abbreviation | Description |
|---|---|
| AQAP | Air Quality Action Plan |
| AQMA | Air Quality Management Area |
| AQN | Air Quality Neutral |
| AQO | Air Quality Objective |
| AQP | Air Quality Positive |
| BEB | Buildings Emission Benchmark |
| EV | Electric Vehicle |
| GLA | Greater London Authority |
| LAEI | London Atmospheric Emissions Inventory |
| LAQM | Local Air Quality Management |
| LLAQM | London Local Air Quality Management |
| NRMM | Non-Road Mobile Machinery |
| $PM_{10}$ | Particulate matter less than 10 micron in diameter |
| $PM_{2.5}$ | Particulate matter less than 2.5 micron in diameter |
| TEB | Transport Emissions Benchmark |
| TfL | Transport for London |

## Table A. Summary of National Air Quality and International Standards, Objectives and Guidelines

| Pollutant | Standard / Objective / Guideline | Averaging Period | Date[1] |
|---|---|---|---|
| Nitrogen dioxide ($NO_2$) | 200 µg $m^{-3}$ not to be exceeded more than 18 times a year | 1-hour mean | 31 Dec 2005 |
| Nitrogen dioxide ($NO_2$) | 40 µg $m^{-3}$ | Annual mean | 31 Dec 2005 |
| Nitrogen dioxide ($NO_2$) | WHO AQG[2]: 10 µg $m^{-3}$ | Annual mean | |
| Particles ($PM_{10}$) | 50 µg $m^{-3}$ not to be exceeded more than 35 times a year | 24-hour mean | 31 Dec 2004 |
| Particles ($PM_{10}$) | WHO AQG[2]: 45 µg $m^{-3}$ not to be exceeded more than 3-4 times a year | 24-hour mean | |
| Particles ($PM_{10}$) | 40 µg $m^{-3}$ | Annual mean | 31 Dec 2004 |
| Particles ($PM_{10}$) | WHO AQG[2]: 15 µg $m^{-3}$ | Annual mean | |
| Particles ($PM_{2.5}$) | 10 µg $m^{-3}$[3] | Annual mean | 2040 |
| Particles ($PM_{2.5}$) | London Mayoral Commitment[4]: 10 µg $m^{-3}$ | Annual mean | 2030 |
| Particles ($PM_{2.5}$) | WHO AQG[2]: 5 µg $m^{-3}$ | Annual mean | |
| Particles ($PM_{2.5}$) | Target of 15% reduction in concentration at urban background locations | 3-year mean | Between 2010 and 2021 |
| Particles ($PM_{2.5}$) | WHO AQG[2]: 15 µg $m^{-3}$ | 24-hour mean | |
| Sulphur dioxide ($SO_2$) | 266 µg $m^{-3}$ not to be exceeded more than 35 times a year | 15-minute mean | 31 Dec 2005 |
| Sulphur dioxide ($SO_2$) | 350 µg $m^{-3}$ not to be exceeded more than 24 times a year | 1-hour mean | 31 Dec 2004 |
| Sulphur dioxide ($SO_2$) | 125 µg $m^{-3}$ mot to be exceeded more than 3 times a year | 24-hour mean | 31 Dec 2004 |
| Sulphur dioxide ($SO_2$) | WHO AQG[2]: 40 µg $m^{-3}$ not to be exceeded more than 3-4 times a year | 24-hour mean | |

**Notes:**

(1) Date by which to be achieved by and maintained thereafter

(2) 2021 World Health Organisation Air Quality Guidelines

(3) Environmental Target Regulations under the Environment Act 2021

(4) London Mayoral Commitment

# 1. Air Quality Monitoring

## 1.1 Locations

### Automatic Monitoring Sites

The London Borough of Brent operates four automatic monitoring sites: three are roadside sites (BT4, BT6 and BT8) and one is an industrial site (BT5). Sites BT4, BT5, BT6 and BT8 measure $NO_2$, $PM_{10}$ and $PM_{2.5}$; and BT4 also measures $O_3$. All four are located within the Council's Air Quality Management Area. The automatic monitoring sites continuously measure pollutant levels to determine annual mean concentrations of $NO_2$, $PM_{10}$ and $PM_{2.5}$, 24-hour mean concentrations of $PM_{10}$, and 1-hour mean concentrations of $NO_2$. Details of automatic monitoring sites are given in Table B.

**Table B. Details of Automatic Monitoring Sites for 2025**

| Site ID | Site Name | Site Type | X OS Grid Ref (Easting) | Y OS Grid Ref (Northing) | Pollutants Monitored | In AQMA? | Which AQMA? | Monitoring Technique | Distance to Relevant Exposure (m) (1,2) | Distance to kerb of nearest road (m) (2) | Inlet Height (m) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BT4 | IKEA | Roadside | 520866 | 185169 | $NO_2$, $PM_{10}$, $PM_{2.5}$, $O_3$ | Yes | Borough wide AQMA | Chemiluminescent; BAM | 38.0 | 3.7 | 1.6 |
| BT5 | Neasden Lane | Industrial | 521511 | 185204 | $NO_2$, $PM_{10}$, $PM_{2.5}$, | Yes | Borough wide AQMA | Chemiluminescent; BAM | 35.0 | 4.0 | 2.5 |
| BT6 | John Keble Primary School | Roadside | 521619 | 183554 | $NO_2$, $PM_{10}$, $PM_{2.5}$, | Yes | Borough wide AQMA | Chemiluminescent; BAM | 10.0 | 2.0 | 2.5 |
| BT8 | Ark Franklin Primary Academy | Roadside | 523716 | 183030 | $NO_2$, $PM_{10}$, $PM_{2.5}$, | Yes | Borough wide AQMA | Chemiluminescent; BAM | 10.0 | 3.3 | 2.5 |

**Notes:**

(1) 0m if the monitoring site is at a location of exposure (e.g. installed on the façade of a residential property).

(2) N/A if not applicable

**Table C. Details of Non-Automatic Monitoring Sites for 2025**

| Diffusion Tube ID | Site Name | Site Type | X OS Grid Ref (Easting) | Y OS Grid Ref (Northing) | Pollutants Monitored | In AQMA? Which AQMA? | Distance to Relevant Exposure (m) | Distance to Kerb of Nearest Road (m) | Tube Co-located with a Continuous Analyser | Height (m) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Junction of Kenton Road / Upton Gardens | Roadside | 516929 | 188560 | $NO_2$ | Yes/Borough Wide | 15.0 | 2.0 | No | 1.5 |
| 2 | Harrow Road, Sudbury Court Drive | Roadside | 515793 | 186042 | $NO_2$ | Yes/Borough Wide | 10.0 | 1.0 | No | 1.5 |
| 4 | Junction of Shaftesbury Avenue / Woodcock Hill | Roadside | 518240 | 187747 | $NO_2$ | Yes/Borough Wide | 6.0 | 1.0 | No | 1.5 |
| 7 | Bridgewater Road / Ealing Road | Roadside | 517942 | 183721 | $NO_2$ | Yes/Borough Wide | 17.0 | 2.0 | No | 1.5 |
| 9 | Junction of East Lane / Wembley Hill Road | Roadside | 518499 | 186168 | $NO_2$ | Yes/Borough Wide | 20.0 | 2.0 | No | 1.5 |
| 17 | Old Church Lane junction with Neasden Lane | Roadside | 520480 | 186537 | $NO_2$ | Yes/Borough Wide | 4.0 | 1.0 | No | 1.5 |
| 21a | Central Way, Park Royal | Roadside | 520077 | 182853 | $NO_2$ | Yes/Borough Wide | 4.0 | 1.0 | No | 1.5 |
| 22 | Junction of Kingsbury Road / Edgware Road | Roadside | 521447 | 188730 | $NO_2$ | Yes/Borough Wide | 5.0 | 1.0 | No | 1.5 |
| 23 | Junction North Circular Road / Chartley Avenue | Roadside | 521213 | 186125 | $NO_2$ | Yes/Borough Wide | 10.0 | 2.0 | No | 1.5 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 26 | Dudden Hill Lane junction with High Road | Roadside | 522191 | 184821 | $NO_2$ | Yes/Borough Wide | 19.0 | 1.0 | No | 1.5 |
| 29 | Junction Dollis Hill Lane / Cricklewood | Roadside | 523191 | 186571 | $NO_2$ | Yes/Borough Wide | 12.0 | 1.0 | No | 1.5 |
| 30 | Chichele Road near Melrose Avenue | Roadside | 523663 | 185353 | $NO_2$ | Yes/Borough Wide | 9.8 | 1.0 | No | 1.5 |
| 33a | Fryent Country Park | Roadside | 519572 | 187691 | $NO_2$ | Yes/Borough Wide | 50.0 | 1.0 | No | 1.5 |
| 41 | R/O 246 Neasden Lane | Roadside | 521455 | 185920 | $NO_2$ | Yes/Borough Wide | 3.0 | 4.0 | No | 1.5 |
| 48 | Kilburn Park Road near junction with Shirland Road | Roadside | 525196 | 182517 | $NO_2$ | Yes/Borough Wide | 2.0 | 1.0 | No | 1.5 |
| 52a, 52b, 52c, 52d | IKEA, Hut, North Circular Road (4 tubes) | Roadside | 520874 | 185173 | $NO_2$ | Yes/Borough Wide | 10.0 | 1.0 | Yes | 1.5 |
| 53 | Junction Ealing Road / High Road | Roadside | 518026 | 185028 | $NO_2$ | Yes/Borough Wide | 15.0 | 1.0 | No | 1.5 |
| 54 | Ealing Road/Riverside Gardens | Roadside | 518236 | 183207 | $NO_2$ | Yes/Borough Wide | 4.0 | 1.0 | No | 1.5 |
| 60 | Junction of Bridge Road/Forty Avenue | Roadside | 519475 | 186557 | $NO_2$ | Yes/Borough Wide | 35.0 | 1.0 | No | 2.0 |
| 61 | Forty Lane, F/O Old Brent Town Hall | Roadside | 519762 | 186600 | $NO_2$ | Yes/Borough Wide | 40.0 | 1.0 | No | 2.0 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| 62 | Junction of Kings Drive/Forty Lane | Roadside | 519667 | 186604 | $NO_2$ | Yes/Borough Wide | 40.0 | 1.0 | No | 2.5 |
| 63 | King's Drive, opposite 37 King's Drive | Roadside | 519703 | 187007 | $NO_2$ | Yes/Borough Wide | 7.0 | 1.0 | No | 2.5 |
| 64 | The Paddocks, Opposite 9 The Paddocks | Roadside | 519824 | 186715 | $NO_2$ | Yes/Borough Wide | 20.0 | 1.0 | No | 2.1 |
| 65 | Junction of Aybone Road/ NCR, Next to 517 NCR | Roadside | 521313 | 186529 | $NO_2$ | Yes/Borough Wide | 7.0 | 1.0 | No | 2.2 |
| 66 | Junction of Heather Road/Tanfield Avenue | Roadside | 521912 | 186514 | $NO_2$ | Yes/Borough Wide | 20.0 | 1.0 | No | 2.1 |
| 67 | Dawpool Road, F/O 24 Dawpool Road | Roadside | 521651 | 186611 | $NO_2$ | Yes/Borough Wide | 5.0 | 1.0 | No | 2.1 |
| 68 | Junction of Randall Avenue/NCR, Next to 730 NCR | Roadside | 521448 | 186626 | $NO_2$ | Yes/Borough Wide | 5.0 | 1.0 | No | 2.5 |
| 69 | Wrentham Avenue, F/O 65 Wrentham Avenue | Roadside | 523782 | 183527 | $NO_2$ | Yes/Borough Wide | 8.0 | 1.0 | No | 2.1 |
| 70 | Junction of Peploe Road/Chevening Road, F/O 72 Chevening Road | Roadside | 523828 | 183338 | $NO_2$ | Yes/Borough Wide | 5.0 | 1.0 | No | 2.1 |
| 71 | Queens Park recreational area, | Urban Background | 524179 | 183232 | $NO_2$ | Yes/Borough Wide | 25.0 | 45.0 | No | 2.1 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | On CCTV camera post | | | | | | | | | |
| 72 | Harvist Road, F/O 139 Harvist Road | Roadside | 524142 | 183120 | $NO_2$ | Yes/Borough Wide | 5.0 | 1.0 | No | 2.1 |
| 73 | Junction of Harvist Road/Salisbury Road, Opposite Kilburn Police Station | Roadside | 524607 | 183267 | $NO_2$ | Yes/Borough Wide | 3.0 | 1.0 | No | 2.1 |
| 74 | Junction of Salisbury Road/Chevening Road | Roadside | 524283 | 183882 | $NO_2$ | Yes/Borough Wide | 5.0 | 3.0 | No | 2.1 |
| 75 | Junction of Woodcock Hill/Woodcock Hill | Roadside | 517499 | 187778 | $NO_2$ | Yes/Borough Wide | 15.0 | 3.0 | No | 2.1 |
| 76 | Lindsay Drive, near junction with Branksome way | Roadside | 518430 | 188406 | $NO_2$ | Yes/Borough Wide | 5.0 | 1.0 | No | 2.1 |
| 77 | Beverly Drive, near junction of Sandhurst road | Roadside | 519100 | 189827 | $NO_2$ | Yes/Borough Wide | 11.0 | 1.0 | No | 2.1 |
| 78 | Harrow Road junction of Watford Road | Roadside | 516721 | 185478 | $NO_2$ | Yes/Borough Wide | 12.0 | 2.0 | No | 2.1 |
| 79a, 79b, 79c | Ark Franklin AQ station | Roadside | 523721 | 183008 | $NO_2$ | Yes/Borough Wide | 10.0 | 2.0 | No | 1.5 |
| BRT42 | Police Station, Craven Park | Roadside | 521131 | 183995 | $NO_2$ | Yes/Borough Wide | 3.0 | 3.0 | No | 1.5 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| BRT43 | Pitfield Way | Roadside | 520242 | 184541 | $NO_2$ | Yes/Borough Wide | 20.0 | 2.0 | No | 1.5 |
| BRT53 | High Road Wembley | Roadside | 518303 | 185181 | $NO_2$ | Yes/Borough Wide | 4.0 | 0.5 | No | 1.5 |
| BRT55 | High Street, Harlesden | Roadside | 521743 | 183361 | $NO_2$ | Yes/Borough Wide | 3.0 | 0.5 | No | 1.5 |
| BRT56 | Chamberlayne Road | Roadside | 523635 | 183153 | $NO_2$ | Yes/Borough Wide | 15.0 | 0.5 | No | 1.5 |
| BRT57 | Kilburn Bridge | Roadside | 525419 | 183612 | $NO_2$ | Yes/Borough Wide | 8.0 | 0.5 | No | 1.5 |
| BRT58 | 51 High Road, Willesden | Roadside | 523031 | 184655 | $NO_2$ | Yes/Borough Wide | 2.0 | 0.5 | No | 1.5 |
| SZ2 | Wykeham, Annesley Close j/w Aboyne Road | Roadside | 521069 | 186250 | $NO_2$ | Yes/Borough Wide | N/A | 0.5 | No | - |
| SZ41 | Leopold, Hawkeshead Road j/w Oldfield Road & Roundwood Road | Roadside | 521624 | 184275 | $NO_2$ | Yes/Borough Wide | N/A | 0.4 | No | - |
| SZ1 | Harlesden, Minet Avenue j/w Acton Lane | Roadside | 521103 | 183408 | $NO_2$ | Yes/Borough Wide | N/A | 0.3 | No | 2.4 |
| SZ3A | Elsley Primary School, Tokyngton Avenue | Roadside | 518900 | 184774 | $NO_2$ | Yes/Borough Wide | N/A | 2.0 | No | - |
| SZ3B | Esley Primary School Berkhamsted Avenue at | Roadside | 518913 | 184670 | $NO_2$ | Yes/Borough Wide | N/A | 2.2 | No | - |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Gaddesden Avenue | | | | | | | | | |
| SZ10 | Christ church, Clarence Road, Willesden Lane & Torbay Road | Roadside | 524585 | 184031 | $NO_2$ | Yes/Borough Wide | N/A | 0.8 | No | - |
| SZ4a | John Keble, Crownhill Road Manor Park Road to Harlesden Gardens | Roadside | 521643 | 183579 | $NO_2$ | Yes/Borough Wide | N/A | 0.5 | No | - |
| SZ19 | Ark Franklin, Kempe Road between Chamberlayne Road & Peploe Road | Roadside | 523744 | 183076 | $NO_2$ | Yes/Borough Wide | N/A | 0.4 | No | 2.3 |
| SZ8 | St Marys CE Primary, Garnet Road j/w Mayo Road | Roadside | 521314 | 184712 | $NO_2$ | Yes/Borough Wide | N/A | 0.4 | No | 2.3 |
| SZ4b | Convent Jesus & Mary Language College, Crownhill Road Manor Park Road to Harlesden Gardens | Roadside | 521718 | 183649 | $NO_2$ | Yes/Borough Wide | N/A | 0.4 | No | 2.1 |
| SZ5a | St Joseph Primary, Goodson Road j/w Brownlow | Roadside | 521394 | 184264 | $NO_2$ | Yes/Borough Wide | N/A | 0.4 | No | - |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Road & Leopold Road | | | | | | | | | |
| SZ5b | St Joseph Primary, Leopold Road j/w Goodson Road & Northcote Road | Roadside | 521364 | 184185 | $NO_2$ | Yes/Borough Wide | N/A | 0.4 | No | - |
| SZ11b | Stonebridge Primary, Wesley Road at Hillside | Roadside | 520525 | 183861 | $NO_2$ | Yes/Borough Wide | N/A | 0.4 | No | 2.4 |
| SZ12 | Our Lady of Grace Infants, Dollis Hill Avenue at A5 & Mount Road | Roadside | 523167 | 186491 | $NO_2$ | Yes/Borough Wide | N/A | 0.3 | No | 2.4 |
| SZ11A | Our Lady of Lourdes, Wesley Road at Hillside | Roadside | 520480 | 183908 | $NO_2$ | Yes/Borough Wide | N/A | 0.4 | No | 2.3 |
| SZ15 | St Mary Magdalens, Linacre at junction with Acland Road | Roadside | 522934 | 184702 | $NO_2$ | Yes/Borough Wide | N/A | 0.6 | No | 2.4 |
| SZ16 | Convent of J & M Infants, Access Road to school between 19 & 25 | Roadside | 523039 | 184745 | $NO_2$ | Yes/Borough Wide | N/A | 0.6 | No | 2.4 |
| SZ18 | Princes Frederica, Purves Road | Roadside | 523224 | 183045 | $NO_2$ | Yes/Borough Wide | N/A | 1.1 | No | 2.3 |
| SZ81 | Brentfield Primary, Meadow Garth by Homefield Close | Roadside | 520512 | 184580 | $NO_2$ | Yes/Borough Wide | N/A | 2.8 | No | - |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| SZ17 | Northview, Northview Cres j/w Southview | Roadside | 521618 | 185525 | $NO_2$ | Yes/Borough Wide | N/A | 1.9 | No | 2.3 |
| SZ14A | St Joseph Juniors, Chatsworth Avenue j/w Harrow Road | Roadside | 518837 | 185102 | $NO_2$ | Yes/Borough Wide | N/A | 0.3 | No | - |
| SZ27 | Oakington Manor School | Roadside | 519913 | 185066 | $NO_2$ | Yes/Borough Wide | N/A | 1.2 | No | - |
| SZ4c | MapleWalk, Crownhill Road Manor Park Road to Harlesden Gardens | Roadside | 521781 | 183700 | $NO_2$ | Yes/Borough Wide | N/A | 0.7 | No | - |
| SZ20B | Malorees I & J, Christchurch Avenue between Aylestone Avenue & Brondesbury Park | Roadside | 524003 | 183995 | $NO_2$ | Yes/Borough Wide | N/A | 0.7 | No | - |
| SZ20A | Queens Park Community, Aylestone Avenue between Chudleigh Road & Christchurch Avenue. Christchurch Avenue between Aylestone Avenue & | Roadside | 523678 | 183956 | $NO_2$ | Yes/Borough Wide | N/A | 0.6 | No | - |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Brondesbury Park | | | | | | | | | |
| SZ22 | Kingsbury High, Bacon Lane from school to Roe Lane | Roadside | 519883 | 189197 | $NO_2$ | Yes/Borough Wide | N/A | 0.3 | No | 2.3 |
| SZ7 | Mora, Mora Road J/W Temple Road & Wotton Road/St Michael's Road | Roadside | 523119 | 185933 | $NO_2$ | Yes/Borough Wide | N/A | 0.8 | No | 2.1 |
| SZ14B | St Joseph Infants, WAvenuerley Avenue j/w Harrow Road | Roadside | 518835 | 185012 | $NO_2$ | Yes/Borough Wide | N/A | 0.0 | No | 2.1 |
| SZ63 | Preston Manor Upper School, Hollycroft Avenue J/W Highfield Avenue | Roadside | 518603 | 186544 | $NO_2$ | Yes/Borough Wide | N/A | 0.6 | No | - |
| SZ23 | Kingsbury Green, Old Kenton Lane | Roadside | 520065 | 188673 | $NO_2$ | Yes/Borough Wide | N/A | 0.4 | No | 2.4 |
| SZ6 | Preston Park, College Road Glendale Gardens & Thirlmere Gardens | Roadside | 517900 | 187137 | $NO_2$ | Yes/Borough Wide | N/A | 0.8 | No | 2.4 |
| SZ25A | Claremont | Roadside | 518243 | 188627 | $NO_2$ | Yes/Borough Wide | N/A | 1.8 | No | - |
| SZ24 | Mount Stewart I & J, Mount Stewart Avenue | Roadside | 517739 | 187912 | $NO_2$ | Yes/Borough Wide | N/A | 0.3 | No | 2.4 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | between Abercorn Gardens and Manning Gardens | | | | | | | | | |
| SZ25B | Uxendon | Roadside | 518184 | 188539 | $NO_2$ | Yes/Borough Wide | N/A | 0.8 | No | - |
| SZ26 | Sudbury Primary School | Roadside | 516559 | 185913 | $NO_2$ | Yes/Borough Wide | N/A | 0.6 | No | 2.3 |
| PM16a | Fortunegate Road | Roadside | 521348 | 183912 | $NO_2$ | Yes/Borough Wide | N/A | 1.8 | No | 2.5 |
| PM16b | Roundwood Road | Roadside | 521741 | 184243 | $NO_2$ | Yes/Borough Wide | N/A | 0.5 | No | 2.2 |
| PM19a | Chamberlayne road (Manor School) | Roadside | 523453 | 183500 | $NO_2$ | Yes/Borough Wide | N/A | 2.0 | No | 2.3 |
| PM19b | Tiverton Road | Roadside | 523931 | 183500 | $NO_2$ | Yes/Borough Wide | N/A | 0.3 | No | 2.3 |
| PM19c | Salusbury road (Salusbury primary school) | Roadside | 524520 | 183495 | $NO_2$ | Yes/Borough Wide | N/A | 0.3 | No | 2.3 |
| PM20a | Willesden Lane | Roadside | 524603 | 183984 | $NO_2$ | Yes/Borough Wide | N/A | 0.5 | No | 2.6 |
| PM20b | Dyne Road | Roadside | 524620 | 184266 | $NO_2$ | Yes/Borough Wide | N/A | 0.5 | No | 2.4 |
| PM20c | Kilburn High Road | Roadside | 524908 | 184273 | $NO_2$ | Yes/Borough Wide | N/A | 0.2 | No | 2.3 |
| PM25a | Agave Road | Roadside | 523246 | 185765 | $NO_2$ | Yes/Borough Wide | N/A | 0.2 | No | 2.4 |
| PM25b | Ashford Road | Roadside | 523581 | 185671 | $NO_2$ | Yes/Borough Wide | N/A | 0.6 | No | 2.2 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| PM25c | Anson Road | Roadside | 523560 | 185395 | $NO_2$ | Yes/Borough Wide | N/A | 1.8 | No | 2.3 |
| PM26a | Gladstone Park Gardens | Roadside | 522941 | 186263 | $NO_2$ | Yes/Borough Wide | N/A | 0.5 | No | 2.4 |
| PM26b | Dollis Hill Lane (Our Lady of Grace School) | Roadside | 522563 | 186233 | $NO_2$ | Yes/Borough Wide | N/A | 0.6 | No | 2.4 |
| PM29a | Carlton Avenue East | Roadside | 517896 | 186958 | $NO_2$ | Yes/Borough Wide | N/A | 2.0 | No | 2.4 |
| PM29b | Grasmere Avenue | Roadside | 518008 | 187311 | $NO_2$ | Yes/Borough Wide | N/A | 0.8 | No | 2.4 |
| PM29c | Preston Road | Roadside | 518280 | 187411 | $NO_2$ | Yes/Borough Wide | N/A | 0.2 | No | 2.4 |
| PM32a | Princes Avenue | Roadside | 519588 | 189311 | $NO_2$ | Yes/Borough Wide | N/A | 0.7 | No | 2.4 |
| PM32b | Brampton Road | Roadside | 519432 | 188972 | $NO_2$ | Yes/Borough Wide | N/A | 0.4 | No | 2.4 |
| PM32c | Berkeley Road | Roadside | 519268 | 188982 | $NO_2$ | Yes/Borough Wide | N/A | 2.5 | No | 2.4 |
| SZ231 | Slough Lane (St Robert Southwell Primary School) | Roadside | 520211 | 188478 | $NO_2$ | Yes/Borough Wide | N/A | 2.4 | No | 2.3 |
| PM22A | Walm Lane | Roadside | 523854 | 185249 | $NO_2$ | Yes/Borough Wide | N/A | 0.4 | No | 2.4 |
| PM22B | Lydford Road | Roadside | 523770 | 185086 | $NO_2$ | Yes/Borough Wide | N/A | 0.6 | No | 2.4 |
| PM22E | Dartmouth Road | Roadside | 523846 | 184875 | $NO_2$ | Yes/Borough Wide | N/A | 0.5 | No | 2.7 |
| PM22C | Exeter Road | Roadside | 524333 | 184827 | $NO_2$ | Yes/Borough Wide | N/A | 0.5 | No | 2.5 |

| | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| PM22D | Shoot-up Hill | Roadside | 524486 | 184877 | $NO_2$ | Yes/Borough Wide | N/A | 0.6 | No | 2.6 |
| PM23B | Acland Road | Roadside | 522970 | 184812 | $NO_2$ | Yes/Borough Wide | N/A | 0.3 | No | 2.4 |
| PM23A | Chapter Road | Roadside | 522708 | 184973 | $NO_2$ | Yes/Borough Wide | N/A | 0.4 | No | 2.1 |
| PM14b | Craven Park | Roadside | 521049 | 183874 | $NO_2$ | Yes/Borough Wide | N/A | 1.6 | No | 2.1 |
| PM14C | Nicoll Road | Roadside | 521401 | 183542 | $NO_2$ | Yes/Borough Wide | N/A | 0.5 | No | 2.4 |
| PM14D | Connaught Road | Roadside | 521321 | 183478 | $NO_2$ | Yes/Borough Wide | N/A | 0.4 | No | 2.3 |
| PM14A | Lawrence Avenue | Roadside | 520763 | 183700 | $NO_2$ | Yes/Borough Wide | N/A | 2.2 | No | 2.3 |
| PM28B | Clarendon Gardens | Roadside | 518367 | 185872 | $NO_2$ | Yes/Borough Wide | N/A | 1.2 | No | 2.1 |
| PM28C | Castleton Avenue | Roadside | 518172 | 186004 | $NO_2$ | Yes/Borough Wide | N/A | 0.9 | No | 2.2 |
| PM28E | Meadow Way | Roadside | 517952 | 185913 | $NO_2$ | Yes/Borough Wide | N/A | 2.1 | No | 2.3 |
| PM28D | St John's Road | Roadside | 518076 | 185421 | $NO_2$ | Yes/Borough Wide | N/A | 0.3 | No | 2.3 |
| PM36A | Cecil Avenue | Roadside | 518590 | 185172 | $NO_2$ | Yes/Borough Wide | N/A | 0.4 | No | 2.4 |
| PM36B | Harrow Road | Roadside | 519200 | 184899 | $NO_2$ | Yes/Borough Wide | N/A | 0.9 | No | 2.3 |
| PM28A | East Lane | Roadside | 517811 | 186252 | $NO_2$ | Yes/Borough Wide | N/A | 0.9 | No | 2.3 |

**Notes:**

(1) 0m if the monitoring site is at a location of exposure (e.g. installed on the façade of a residential property).

(2) N/A if not applicable.

## 1.2 Comparison of Monitoring Results with AQOs

### NO2 Concentrations

Table D provides annual mean NO2 concentrations at automatic monitoring sites for the years 2019 to 2025 inclusive. The concentration values are those at the monitoring site. Exceedances of the 40 µg m-3 AQO (Table A) for annual mean NO2 are highlighted. Details of monitoring site QA/QC for 2025 measurements are given in Appendix A.

**Table D. Annual Mean $NO_2$ Monitoring Results: Automatic Monitoring (µg $m^{-3}$)**

| Site ID | X OS Grid Ref (Easting) | Y OS Grid Ref (Northing) | Site Type | Valid data capture for monitoring period %[(a)] | Valid data capture 2025 %[(b)] | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BT4 | 520866 | 185169 | Roadside | 97.4 | 97.4 | **63.0** | **49.0** | **46.4** | **43.2** | 38.7 | 30.9 | 33.9 |
| BT5 | 521511 | 185204 | Industrial | 99.8 | 99.7 | 38.0 | 29.0 | 30.0 | 28.0 | 24.8 | 22.9 | 20.8 |
| BT6 | 521619 | 183554 | Roadside | 99.6 | 99.6 | 37.0 | 29.0 | 28.7 | 27.7 | 24.1 | 21.8 | 21.5 |
| BT8 | 523716 | 183030 | Roadside | 99.8 | 99.8 | **41.0** | 29.0 | 31.5 | 28.6 | 23.0 | 23.2 | 22.2 |

**Notes:**

The annual mean concentrations are presented as µg $m^{-3}$.

Exceedances of the $NO_2$ annual mean AQO of 40 µg $m^{-3}$ are shown in **bold**.

$NO_2$ annual means in excess of 60 µg $m^{-3}$, indicating a potential exceedance of the $NO_2$ hourly mean AQS objective are shown in **bold and underlined**.

Means for diffusion tubes have been corrected for bias.

All means have been “annualised” in accordance with LLAQM Technical Guidance if valid data capture for the calendar year is less than 75% and greater than 25%.

Concentrations are those at the location of monitoring and not those following any fall-off with distance adjustment.

(a) Data capture for the monitoring period, in cases where monitoring was only carried out for part of the year.

(b) Data capture for the full calendar year (e.g. if monitoring was carried out for six months the maximum data capture for the full calendar year would be 50%).

All automatic monitoring sites showed slight variation in concentrations between 2024 and 2025, with a mixture of small increases and decreases observed across the network.

Longer-term trends continue to show an overall improvement in air quality across the borough since 2019.

The monitoring location BT4 (IKEA, North Circular) remains below the $NO_2$ annual mean AQO of 40 µg $m^{-3}$, although it recorded an increase in 2025. Monitoring locations BT5, BT6 and BT8 continue to remain below the WHO interim target of 30 µg $m^{-3}$ but above the WHO guideline of 10 µg $m^{-3}$ (Table A).

**Figure 1. Trend in annual mean concentrations of NO2 from 2019 to 2025.**

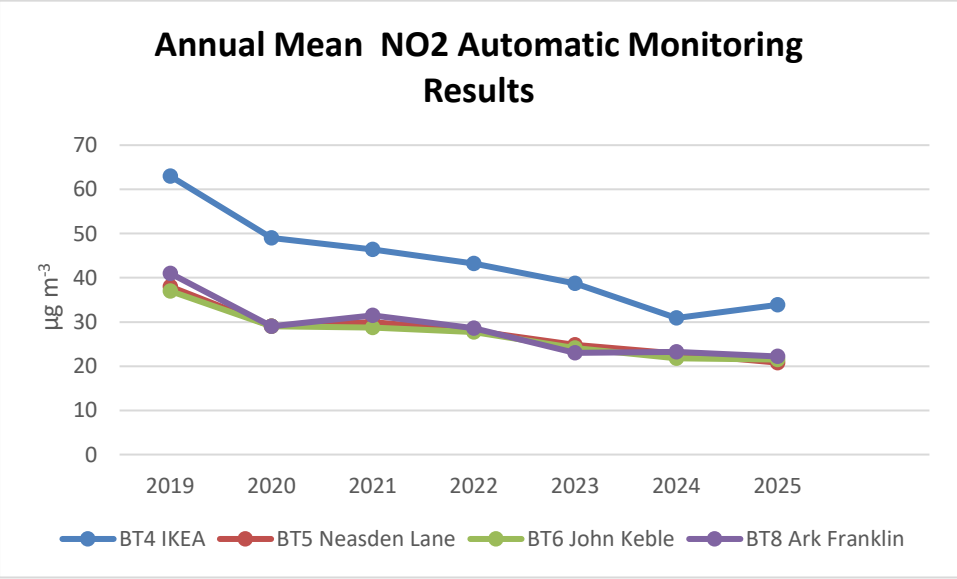


**Table E. Annual Mean $NO_2$ Monitoring Results: Non-Automatic Monitoring (µg $m^{-3}$)**

Table E provides annual mean NO2 concentrations at non-automatic monitoring sites for the years 2019 to 2025 inclusive. The concentration values are those at the monitoring site. Exceedances of the 40 µg m-3 AQO (Table A) for annual mean NO2 are highlighted. Details of monitoring site QA/QC for 2025 measurements are given in Appendix A.

| Diffusion Tube ID | X OS Grid Ref (Easting) | Y OS Grid Ref (Northing) | Site Type | Valid Data Capture for Monitoring Period (%) | Valid Data Capture 2025 (%) | $NO_2$ Annual Mean Concentration (µg/$m^3$) | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 |
| 1 | 516929 | 188560 | Roadside | 89.6 | 89.6 | 39.8 | 28.4 | 31.8 | 27.7 | 22.3 | 20.7 | 20.7 |
| 2 | 515793 | 186042 | Roadside | 89.6 | 89.6 | **40.6** | 27.4 | 33.9 | 31.4 | 18.9 | 22.9 | 21.4 |
| 4 | 518240 | 187747 | Roadside | 89.6 | 89.6 | 37.9 | 28.9 | 30.2 | 30.9 | 22.7 | 22.6 | 23.4 |
| 7 | 517942 | 183721 | Roadside | 0.0 | 0.0 | **56.2** | 37.2 | **49.8** | **46.7** | 28.0 | **-** | **-** |
| 9 | 518499 | 186168 | Roadside | 3.8 | 3.8 | **47.4** | 35.1 | **40.5** | 39.2 | 20.3 | 23.7 | **50.5** |
| 17 | 520480 | 186537 | Roadside | 70.3 | 70.3 | **51.6** | 36.0 | 39.0 | **40.4** | 22.0 | 30.9 | 29.8 |
| 21a | 520077 | 182853 | Roadside | 89.6 | 89.6 | **41.6** | 30.6 | 32.4 | 30.7 | 21.7 | 23.8 | 22.6 |
| 22 | 521447 | 188730 | Roadside | 82.7 | 82.7 | **46.9** | 36.6 | **44.9** | 35.5 | 26.6 | 28.3 | 27.4 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 23 | 521213 | 186125 | Roadside | 73.1 | 73.1 | **83.1** | **58.4** | **60.9** | **53.7** | 30.5 | **43.1** | **40.2** |
| 26 | 522191 | 184821 | Roadside | 66.2 | 66.2 | 39.5 | 25.8 | 31.1 | 33.2 | 21.8 | 24.6 | 24.1 |
| 29 | 523191 | 186571 | Roadside | 79.9 | 79.9 | 35.3 | 26.6 | 29.3 | 28.8 | 23.8 | 19.7 | 22.1 |
| 30 | 523663 | 185353 | Roadside | 89.6 | 89.6 | 37.7 | 26.2 | 29.2 | 29.6 | 23.9 | 25.1 | 22.4 |
| 33a | 519572 | 187691 | Roadside | 89.6 | 89.6 | **40.2** | 26.0 | 29.1 | 27.9 | 17.6 | 20.3 | 20.6 |
| 41 | 521455 | 185920 | Roadside | 89.6 | 89.6 | **42.3** | **43.1** | **50.6** | **46.7** | **40.4** | **42.7** | **48.0** |
| 48 | 525196 | 182517 | Roadside | 89.6 | 89.6 | **41.8** | 30.1 | 33.3 | 30.3 | 24.6 | 23.4 | 24.2 |
| 52a 52b 52c 52d | 520874 | 185173 | Roadside | 89.6 | 89.6 | **70.6** | **46.6** | **46.2** | **44.4** | 37.7 | 34.2 | 34.2 |
| 53 | 518026 | 185028 | Roadside | 89.6 | 89.6 | **71.5** | **49.9** | **64.5** | **62.4** | 28.6 | **41.8** | 39.4 |
| 54 | 518236 | 183207 | Roadside | 82.7 | 82.7 | **42.3** | 27.1 | 31.2 | 30.6 | 25.4 | 23.2 | 22.0 |
| 60 | 519475 | 186557 | Roadside | 89.6 | 89.6 | **47.9** | 33.1 | **44.3** | **42.7** | 24.2 | 30.3 | 30.0 |
| 61 | 519762 | 186600 | Roadside | 82.7 | 82.7 | **65.0** | **49.6** | **61.2** | **59.0** | 25.2 | 30.8 | 23.0 |
| 62 | 519667 | 186604 | Roadside | 79.4 | 79.4 | **40.6** | 26.6 | 30.4 | 31.6 | 31.0 | **43.5** | 39.7 |
| 63 | 519703 | 187007 | Roadside | 89.6 | 89.6 | 26.0 | 19.0 | 20.5 | 20.2 | 27.9 | 15.4 | 15.8 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 64 | 519824 | 186715 | Roadside | 80.5 | 80.5 | 33.5 | 23.0 | 28.5 | 28.0 | 28.0 | 21.9 | 23.2 |
| 65 | 521313 | 186529 | Roadside | 81.9 | 81.9 | **45.1** | 33.7 | 34.2 | 32.8 | 29.6 | 25.3 | 25.3 |
| 66 | 521912 | 186514 | Roadside | 89.6 | 89.6 | 34.6 | 25.3 | 29.2 | 28.8 | 24.8 | 20.9 | 21.0 |
| 67 | 521651 | 186611 | Roadside | 80.8 | 80.8 | **45.8** | 24.1 | 26.0 | 25.7 | 26.0 | 19.0 | 19.3 |
| 68 | 521448 | 186626 | Roadside | 89.6 | 89.6 | 34.6 | 32.4 | 32.5 | 30.3 | 32.1 | 24.1 | 26.0 |
| 69 | 523782 | 183527 | Roadside | 89.6 | 89.6 | 33.0 | 21.6 | 25.8 | 24.0 | 19.2 | 18.2 | 19.7 |
| 70 | 523828 | 183338 | Roadside | 89.6 | 89.6 | 33.0 | 21.5 | 23.5 | 22.8 | 22.2 | 18.2 | 17.6 |
| 71 | 524179 | 183232 | Urban Background | 82.7 | 82.7 | 30.2 | 20.1 | 22.8 | 22.4 | 20.4 | 18.3 | 16.2 |
| 72 | 524142 | 183120 | Roadside | 89.6 | 89.6 | 35.6 | 24.9 | 26.7 | 25.3 | 20.2 | 19.6 | 19.4 |
| 73 | 524607 | 183267 | Roadside | 89.6 | 89.6 | 38.1 | 26.0 | 30.0 | 28.5 | 23.4 | 22.0 | 23.1 |
| 74 | 524283 | 183882 | Roadside | 89.6 | 89.6 | 31.4 | 22.4 | 26.2 | 23.7 | 17.9 | 19.3 | 18.6 |
| 75 | 517499 | 187778 | Roadside | 89.6 | 89.6 | 31.4 | 19.5 | 22.7 | 21.3 | 18.4 | 16.6 | 17.5 |
| 76 | 518430 | 188406 | Roadside | 80.5 | 80.5 | 25.9 | 21.8 | 18.3 | 18.0 | 18.5 | 13.8 | 14.4 |
| 77 | 519100 | 189827 | Roadside | 89.6 | 89.6 | 31.2 | 23.0 | 24.9 | 23.3 | 16.7 | 16.0 | 17.9 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 78 | 516721 | 185478 | Roadside | 89.6 | 89.6 | **43.8** | 30.7 | 33.2 | 32.1 | 23.4 | 26.3 | 26.2 |
| 79a, 79b, 79c | 523721 | 183008 | Roadside | 89.6 | 89.6 | **42.2** | 28.6 | 30.0 | 27.3 | 22.1 | 20.3 | 24.7 |
| BRT42 | 521131 | 183995 | Roadside | 89.6 | 89.6 | **40.2** | 26.8 | 30.6 | 30.9 | 24.4 | 24.1 | 21.5 |
| BRT43 | 520242 | 184541 | Roadside | 79.9 | 79.9 | **63.8** | **46.5** | **41.9** | **40.4** | 24.3 | 32.7 | 30.9 |
| BRT53 | 518303 | 185181 | Roadside | 89.6 | 89.6 | **66.3** | **74.3** | **57.7** | **65.3** | 29.3 | **40.9** | 33.9 |
| BRT55 | 521743 | 183361 | Roadside | 50.0 | 50.0 | **88.4** | **40.6** | **116.5** | **82.2** | 28.1 | **55.3** | **40.9** |
| BRT56 | 523635 | 183153 | Roadside | 73.6 | 73.6 | **67.5** | **40.7** | 38.4 | 34.4 | 29.0 | 30.7 | 27.6 |
| BRT57 | 525419 | 183612 | Roadside | 61.5 | 61.5 | **55.2** | 33.8 | **53.3** | **49.8** | 35.3 | 34.7 | 29.5 |
| BRT58 | 523031 | 184655 | Roadside | 79.4 | 79.4 | **48.6** | **40.5** | 38.4 | 35.6 | 31.4 | 32.3 | 30.1 |
| SZ2 | 521069 | 186250 | Roadside | 89.6 | 89.6 | | | 25.6 | 25.2 | 24.5 | 19.1 | 18.8 |
| SZ41 | 521624 | 184275 | Roadside | 89.6 | 89.6 | | | 22.1 | 21.5 | 18.0 | 16.3 | 16.6 |
| SZ1 | 521103 | 183408 | Roadside | 63.2 | 63.2 | | | 25.6 | 25.8 | 20.5 | 21.8 | 21.1 |
| SZ3A | 518900 | 184774 | Roadside | 89.6 | 89.6 | | | 21.5 | 20.4 | 17.5 | 16.1 | 17.0 |
| SZ3B | 518913 | 184670 | Roadside | 80.5 | 80.5 | | | 20.5 | 19.7 | 23.8 | 15.8 | 15.8 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SZ10 | 524585 | 184031 | Roadside | 89.6 | 89.6 | | | 24.0 | 22.7 | 19.5 | 17.5 | 16.5 |
| SZ4a | 521643 | 183579 | Roadside | 3.8 | 3.8 | | | 26.9 | 26.9 | 22.1 | 21.4 | **45.1** |
| SZ19 | 523744 | 183076 | Roadside | 75.0 | 75.0 | | | 24.0 | 23.3 | 19.6 | 21.6 | 17.3 |
| SZ8 | 521314 | 184712 | Roadside | 80.5 | 80.5 | | | 25.0 | 25.5 | 19.8 | 19.1 | 18.6 |
| SZ4b | 521718 | 183649 | Roadside | 47.8 | 47.8 | | | 27.9 | 28.0 | 19.8 | 21.9 | 21.6 |
| SZ5a | 521394 | 184264 | Roadside | 69.8 | 69.8 | | | 22.6 | 21.9 | 19.3 | 16.8 | 18.0 |
| SZ5b | 521364 | 184185 | Roadside | 69.8 | 69.8 | | | 24.6 | 22.9 | 19.9 | 18.1 | 18.2 |
| SZ11b | 520525 | 183861 | Roadside | 89.6 | 89.6 | | | 23.7 | 23.1 | 25.4 | 18.2 | 18.8 |
| SZ12 | 523167 | 186491 | Roadside | 70.9 | 70.9 | | | 24.1 | 24.4 | 19.1 | 17.5 | 18.8 |
| SZ11A | 520480 | 183908 | Roadside | 81.0 | 81.0 | | | 21.0 | 23.2 | 25.6 | 17.9 | 18.6 |
| SZ15 | 522934 | 184702 | Roadside | 79.9 | 79.9 | | | 23.9 | 25.6 | 19.8 | 18.2 | 18.8 |
| SZ16 | 523039 | 184745 | Roadside | 71.2 | 71.2 | | | 22.4 | 22.2 | 17.9 | 17.1 | 17.4 |
| SZ18 | 523224 | 183045 | Roadside | 89.6 | 89.6 | | | 26.6 | 25.0 | 21.3 | 19.0 | 19.3 |
| SZ81 | 520512 | 184580 | Roadside | 80.8 | 80.8 | | | 24.3 | 23.0 | 20.5 | 18.4 | 18.4 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SZ17 | 521618 | 185525 | Roadside | 79.9 | 79.9 | | | 26.8 | 25.6 | 22.6 | 20.3 | 20.7 |
| SZ14A | 518837 | 185102 | Roadside | 63.7 | 63.7 | | | 22.8 | 23.4 | 20.4 | 18.2 | 19.4 |
| SZ27 | 519913 | 185066 | Roadside | 80.5 | 80.5 | | | 22.8 | 23.0 | 21.5 | 18.0 | 19.0 |
| SZ4c | 521781 | 183700 | Roadside | 62.6 | 62.6 | | | 23.4 | 23.8 | 20.0 | 19.8 | 20.9 |
| SZ20B | 524003 | 183995 | Roadside | 71.7 | 71.7 | | | 21.5 | 19.9 | 16.6 | 16.3 | 17.5 |
| SZ20A | 523678 | 183956 | Roadside | 73.1 | 73.1 | | | 19.2 | 18.9 | 17.5 | 14.7 | 15.8 |
| SZ22 | 519883 | 189197 | Roadside | 79.9 | 79.9 | | | 18.1 | 17.5 | 15.3 | 13.4 | 12.8 |
| SZ7 | 523119 | 185933 | Roadside | 39.6 | 39.6 | | | 23.0 | 22.5 | 18.7 | 17.2 | 21.0 |
| SZ14B | 518835 | 185012 | Roadside | 89.6 | 89.6 | | | 24.7 | 23.8 | 19.9 | 18.0 | 19.1 |
| SZ63 | 518603 | 186544 | Roadside | 3.8 | 3.8 | | | 19.8 | 20.0 | 21.2 | 14.4 | 36.2 |
| SZ23 | 520065 | 188673 | Roadside | 89.6 | 89.6 | | | 21.8 | 19.6 | 14.5 | 14.5 | 12.8 |
| SZ6 | 517900 | 187137 | Roadside | 82.7 | 82.7 | | | 19.7 | 19.2 | 16.3 | 14.3 | 16.0 |
| SZ25A | 518243 | 188627 | Roadside | 85.7 | 85.7 | | | 19.7 | 19.0 | 17.2 | 13.9 | 14.0 |
| SZ24 | 517739 | 187912 | Roadside | 82.7 | 82.7 | | | 19.2 | 16.9 | 17.2 | 13.4 | 13.6 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SZ25B | 518184 | 188539 | Roadside | 89.6 | 89.6 | | | 17.6 | 18.1 | 15.3 | 12.2 | 13.5 |
| SZ26 | 516559 | 185913 | Roadside | 85.7 | 85.7 | | | 24.8 | 20.7 | 22.5 | 15.9 | 15.3 |
| PM16a | 521348 | 183912 | Roadside | 85.7 | 85.7 | | | 27.9 | 26.8 | 25.1 | 20.2 | 18.3 |
| PM16b | 521741 | 184243 | Roadside | 85.7 | 85.7 | | | 23.0 | 21.9 | 23.9 | 17.5 | 16.4 |
| PM19a | 523453 | 183500 | Roadside | 70.9 | 70.9 | | | 31.6 | 32.4 | 23.3 | 27.2 | 24.6 |
| PM19b | 523931 | 183500 | Roadside | 89.6 | 89.6 | | | 24.4 | 23.2 | 20.0 | 19.4 | 20.0 |
| PM19c | 524520 | 183495 | Roadside | 79.9 | 79.9 | | | 28.3 | 27.7 | 23.3 | 23.1 | **44.2** |
| PM20a | 524603 | 183984 | Roadside | 89.6 | 89.6 | | | 34.3 | 36.5 | 25.5 | 31.3 | 19.3 |
| PM20b | 524620 | 184266 | Roadside | 89.6 | 89.6 | | | 25.1 | 23.4 | 19.8 | 19.5 | 17.6 |
| PM20c | 524908 | 184273 | Roadside | 75.0 | 75.0 | | | 24.3 | 23.0 | 19.3 | 16.7 | 24.7 |
| PM25a | 523246 | 185765 | Roadside | 28.8 | 28.8 | | | 26.9 | 25.4 | 19.3 | 18.0 | 17.9 |
| PM25b | 523581 | 185671 | Roadside | 28.8 | 28.8 | | | 24.8 | 23.2 | 19.2 | 17.2 | 17.3 |
| PM25c | 523560 | 185395 | Roadside | 89.6 | 89.6 | | | 24.7 | 23.7 | 20.1 | 17.8 | 17.8 |
| PM26a | 522941 | 186263 | Roadside | 28.8 | 28.8 | | | 23.6 | 22.7 | 19.9 | 16.9 | 18.2 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PM26b | 522563 | 186233 | Roadside | 89.6 | 89.6 | | | 21.7 | 20.2 | 18.4 | 16.0 | 18.3 |
| PM29a | 517896 | 186958 | Roadside | 28.8 | 28.8 | | | 34.2 | 32.7 | 18.5 | 19.3 | 17.0 |
| PM29b | 518008 | 187311 | Roadside | 28.8 | 28.8 | | | 25.4 | 20.7 | 17.0 | 17.8 | 16.4 |
| PM29c | 518280 | 187411 | Roadside | 28.8 | 28.8 | | | 22.9 | 21.2 | 18.7 | 16.3 | 19.8 |
| PM32a | 519588 | 189311 | Roadside | 89.6 | 89.6 | | | 23.4 | 21.5 | 16.4 | 17.5 | 17.2 |
| PM32b | 519432 | 188972 | Roadside | 85.7 | 85.7 | | | 21.2 | 19.4 | 17.0 | 13.7 | 15.6 |
| PM32c | 519268 | 188982 | Roadside | 62.6 | 62.6 | | | 26.1 | 24.3 | 20.0 | 18.8 | 17.8 |
| SZ231 | 520211 | 188478 | Roadside | 67.3 | 67.3 | | | 24.6 | 22.9 | 19.2 | 17.7 | 16.3 |
| PM22A | 523854 | 185249 | Roadside | 28.8 | 28.8 | | | 22.7 | 20.9 | 21.8 | 16.2 | 18.3 |
| PM22B | 523770 | 185086 | Roadside | 19.2 | 19.2 | | | 23.2 | 22.2 | 19.9 | 16.8 | 16.1 |
| PM22E | 523846 | 184875 | Roadside | 28.8 | 28.8 | | | **43.1** | **44.7** | 27.1 | 27.2 | 17.3 |
| PM22C | 524333 | 184827 | Roadside | 28.8 | 28.8 | | | 24.0 | 23.8 | 19.7 | 18.2 | 17.8 |
| PM22D | 524486 | 184877 | Roadside | 81.9 | 81.9 | | | 26.1 | 25.8 | 21.0 | 19.9 | 24.0 |
| PM23B | 522970 | 184812 | Roadside | 28.8 | 28.8 | | | 37.1 | 35.8 | **58.2** | 30.2 | 18.9 |

| | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PM23A | 522708 | 184973 | Roadside | 21.2 | 21.2 | | | 24.4 | 24.8 | 20.8 | 18.9 | 27.8 |
| PM14b | 521049 | 183874 | Roadside | 89.6 | 89.6 | | | 25.1 | 25.2 | 21.0 | 19.9 | 28.0 |
| PM14C | 521401 | 183542 | Roadside | 81.9 | 81.9 | | | 24.9 | 25.2 | 21.5 | 20.2 | 18.6 |
| PM14D | 521321 | 183478 | Roadside | 89.6 | 89.6 | | | 21.4 | 21.2 | 18.0 | 15.5 | 18.6 |
| PM14A | 520763 | 183700 | Roadside | 89.6 | 89.6 | | | 24.7 | 23.9 | 18.4 | 17.8 | 19.3 |
| PM28B | 518367 | 185872 | Roadside | 28.8 | 28.8 | | | 22.3 | 21.1 | 22.3 | 16.1 | 16.6 |
| PM28C | 518172 | 186004 | Roadside | 79.4 | 79.4 | | | 24.0 | 24.0 | 25.7 | 18.4 | 18.5 |
| PM28E | 517952 | 185913 | Roadside | 28.8 | 28.8 | | | 28.6 | 27.5 | 23.6 | 25.5 | 17.1 |
| PM28D | 518076 | 185421 | Roadside | 28.8 | 28.8 | | | 31.2 | 30.0 | 22.8 | 21.9 | 17.8 |
| PM36A | 518590 | 185172 | Roadside | 28.8 | 28.8 | | | **41.5** | 38.6 | 20.4 | 26.4 | 22.1 |
| PM36B | 519200 | 184899 | Roadside | 89.6 | 89.6 | | | 31.2 | 30.0 | 22.8 | 21.9 | 22.1 |
| PM28A | 517811 | 186252 | Roadside | 28.8 | 28.8 | | | **41.5** | 38.6 | 20.4 | 26.4 | 25.1 |

☒ **Annualisation has been conducted where data capture is <75% and >25% in line with LLAQM.TG19.**

☒ **Diffusion tube data has been bias adjusted.**

☒ **Reported concentrations are those at the location of the monitoring site (bias adjusted and annualised, as required), i.e. prior to any fall-off with distance correction.**

**Notes:**

The annual mean concentrations are presented as µg $m^{-3}$.

Exceedances of the $NO_2$ annual mean objective of 40µg $m^{-3}$ are shown in **bold**.

$NO_2$ annual means exceeding 60µg $m^{-3}$, indicating a potential exceedance of the $NO_2$ 1-hour mean objective are shown in **bold and underlined**.

Means for diffusion tubes have been corrected for bias. All means have been "annualised" in accordance with LLAQM Technical Guidance if valid data capture for the calendar year is less than 75% and greater than 25%.

Concentrations are those at the location of monitoring and not those following any fall-off with distance adjustment.

(1) Data capture for the monitoring period, in cases where monitoring was only carried out for part of the year.

(2) Data capture for the full calendar year (e.g. if monitoring was carried out for 6 months, the maximum data capture for the full calendar year is 50%).

Since 2019, annual mean $NO_2$ concentrations have generally decreased across the monitoring network, although a small number of sites show increases, most notably ID41 (Neasden Lane), which has risen from 42.3 µg $m^{-3}$ in 2019 to 48.0 µg $m^{-3}$ in 2025. For 2025, there are six sites ID9 (Wembley Hill Road), ID23 (North Circular Road), ID41 (Neasden Lane), BRT55 (Harlesden High Street), SZ4a (John Keble), and PM19c (Salusbury road) that exceed the AQO of 40 µg $m^{-3}$. It should be noted that a small number of these exceedances (e.g. IDSZ4a, ID9) are associated with low data capture (<10–30%), and therefore they may not be fully representative of annual mean conditions. Exceedances remain limited in number and are largely confined to traffic-influenced roadside locations, with some sites recording only marginal exceedances. Out of the full monitoring network in 2025 a large proportion of sites recorded concentrations well below the AQO, reflecting continued improvement in air quality across the borough. Concentrations at most locations remain substantially lower than pre-2023 levels, indicating an overall downward trend.

Please note that site ID7 (Bridgewater Road / Ealing Road) was not accessible for diffusion tube deployment for the monitoring year due to construction.

.

**Table F. $NO_2$ Automatic Monitoring Results: Comparison with 1-hour Mean Objective, Number of 1-Hour Means > 200 µg $m^{-3}$**

| Site ID | X OS Grid Ref (Easting) | Y OS Grid Ref (Northing) | Site Type | Valid data capture for monitoring period %([a]) | Valid data capture 2025 %([b]) | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BT4 | 520866 | 185169 | Roadside | 97.4 | 97.4 | 9 | 0 | 2 | 0 | 2 | 0 | 0 |
| BT5 | 521511 | 185204 | Industrial | 99.5 | 99.5 | 1 | 2 | 0 | 0 | 0 | 0 | 0 |
| BT6 | 521619 | 183554 | Roadside | 98.4 | 98.4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| BT8 | 523716 | 183030 | Roadside | 99.6 | 99.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Results are presented as the number of 1-hour periods where concentrations greater than 200 µg $m^{-3}$ have been recorded.

Exceedance of the $NO_2$ short term AQO of 200 µg $m^{-3}$ over the permitted 18 hours per year are shown in **bold**.

If the period of valid data is less than 85%, the 99.8th percentile of 1-hour means is provided in brackets.

(a) Data capture for the monitoring period, in cases where monitoring was only carried out for part of the year

(b) Data capture for the full calendar year (e.g. if monitoring was carried out for six months the maximum data capture for the full calendar year would be 50%)

For 2025, there were no exceedances of the 1-hour mean being greater than 200 µg m-3, which means the air quality objective (Table A) has been met at all sites.

## PM10 Concentrations

Table G provides annual mean PM10 concentrations at automatic monitoring sites for the years 2019 to 2025 inclusive. The concentration values are those at the location of the monitoring site. Details of monitoring site QA/QC for 2025 measurements are given in Appendix A.

**Table G. Annual Mean $PM_{10}$ Automatic Monitoring Results (µg $m^{-3}$)**

| Site ID | X OS Grid Ref (Easting) | Y OS Grid Ref (Northing) | Site Type | Valid data capture for monitoring period %([a]) | Valid data capture 2025 %([b]) | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BT4 | 520866 | 185169 | Roadside | 98.3 | 98.3 | 30.0 | 26.0 | 25.6 | 27.9 | 25.7 | 22.5 | 24.9 |
| BT5 | 521511 | 185204 | Industrial | 90.2 | 90.2 | 26 | 21 | 21.4 | 18.9 | 16.7 | 19.3 | 20.2 |
| BT6 | 521619 | 183554 | Roadside | 99.6 | 99.6 | 19 | 19 | 17.6 | 16.7 | 15.2 | 14.8 | 15.6 |
| BT8 | 523716 | 183030 | Roadside | 98.8 | 98.8 | 18 | 17 | 17.6 | 17.2 | 14.8 | 14.6 | 16.6 |

## Notes

The annual mean concentrations are presented as µg $m^{-3}$.

Exceedances of the $PM_{10}$ annual mean AQO of 40 µg $m^{-3}$ are shown in **bold**.

All means have been “annualised” in accordance with LLAQM Technical Guidance, if valid data capture is less than 75% and more than 25%.

(a) Data capture for the monitoring period, in cases where monitoring was only carried out for part of the year.

(b) Data capture for the full calendar year (e.g. if monitoring was carried out for six months the maximum data capture for the full calendar year would be 50%).

All four automatic monitoring sites measuring PM10 have recorded decreases since 2019. All sites meet the annual mean PM10 AQO of 40 µg m-3 (Table A)

**Figure 2. Trend in annual mean concentrations of $PM_{10}$ from 2019 to 2025.**

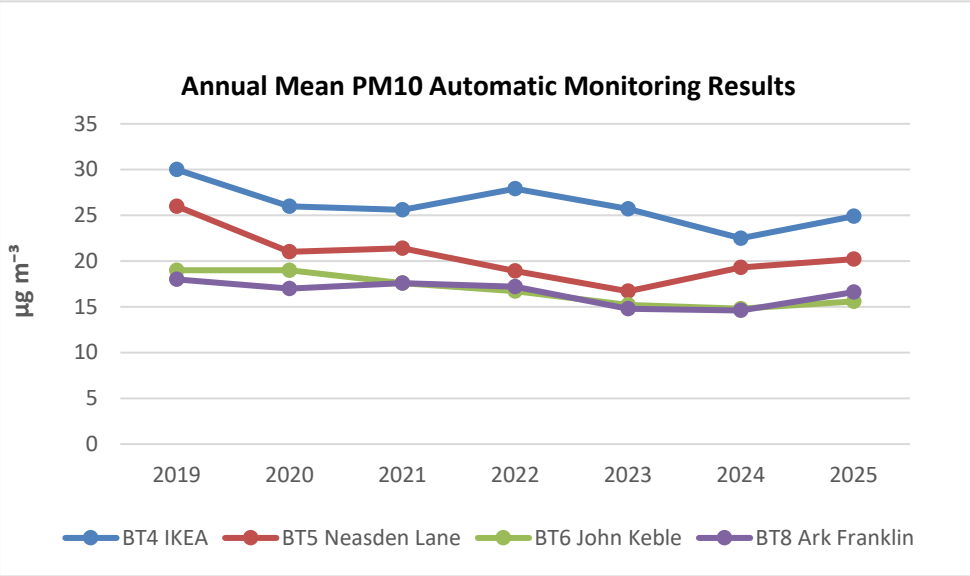


Table H gives the number of exceedances of the 50 µg m-3 AQO threshold for 24-hour mean PM10 concentrations (Table A) at automatic monitoring sites for the years 2019 to 2025 inclusive. The values are those at the location of the monitoring site. Details of monitoring site QA/QC for 2025 measurements are given in Appendix A.

**Table H. $PM_{10}$ Automatic Monitoring Results: Comparison with 24-Hour Mean Objective, Number of $PM_{10}$ 24-Hour Means > 50 µg $m^{-3}$**

| Site ID | X OS Grid Ref (Easting) | Y OS Grid Ref (Northing) | Site Type | Valid data capture for monitoring period %[a] | Valid data capture 2025 %[b] | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BT4 | 520866 | 185169 | Roadside | 98.3 | 98.3 | 29 | 20 | 16 | 24 | 21 | 8 | 19 |
| BT5 | 521511 | 185204 | Industrial | 90.2 | 90.2 | 11 | 3 | 4 | 3 | 0 | 3 | 5 |
| BT6 | 521619 | 183554 | Roadside | 99.6 | 99.6 | 4 | 4 | 0 | 1 | 0 | 0 | 2 |
| BT8 | 523716 | 183030 | Roadside | 98.8 | 98.8 | 1 | 1 | 1 | 1 | 0 | 0 | 3 |

**Notes**

Exceedances of the $PM_{10}$ 24-hour mean objective (50 µg $m^{-3}$ over the permitted 35 days per year) are shown in **bold.**

Where the period of valid data is less than 85% of a full year, the 90.4th percentile is provided in brackets.

(a) data capture for the monitoring period, in cases where monitoring was only carried out for part of the year

(b) data capture for the full calendar year (e.g. if monitoring was carried out for six months the maximum data capture for the full calendar year would be 50%).

For 2025, BT4 automatic monitoring location measured 19 exceedances of the 50 µg m-3 threshold, BT5 measured 5 exceedances, BT6 measured 2 exceedances and BT8 measured 3 exceedances. Therefore, the AQO for 24-hour mean PM10 (Table A) was met at these sites.

## PM2.5 Concentrations

Table I provides annual mean PM2.5 concentrations at automatic monitoring sites for the years 2019 to 2025 inclusive. The concentration values are those at the location of the monitoring site. Details of monitoring site QA/QC for 2025 measurements are given in Appendix A.

**Table I. Annual Mean $PM_{2.5}$ Automatic Monitoring Results (µg $m^{-3}$)**

| Site ID | X OS Grid Ref (Easting) | Y OS Grid Ref (Northing) | Site Type | Valid Data Capture for Monitoring Period (%) [1] | Valid Data Capture for 2025 (%) [2] | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BT4 | 520866 | 185169 | Roadside | 98.1 | 98.1 | 20.7 | 13.0 | 13.5 | 12.8 | 11.2 | 10.1 | **11.1** |
| BT5 | 521511 | 185204 | Industrial | 88.3 | 88.3 | - | - | - | - | 8.7 | 7.5 | 9.8 |
| BT6 | 521619 | 183554 | Roadside | 98.8 | 98.8 | - | - | - | - | 11.0 | 8.3 | 9.5 |
| BT8 | 523716 | 183030 | Roadside | 97.6 | 97.6 | 18.9 | 13.7 | 7.4 | 7.5 | 11.9 | 8.9 | **10.1** |

**Notes**

The annual mean concentrations are presented as µg $m^{-3}$.

Exceedances of the $PM_{2.5}$ annual mean concentration target of 10 µg $m^{-3}$ are shown in **bold**.

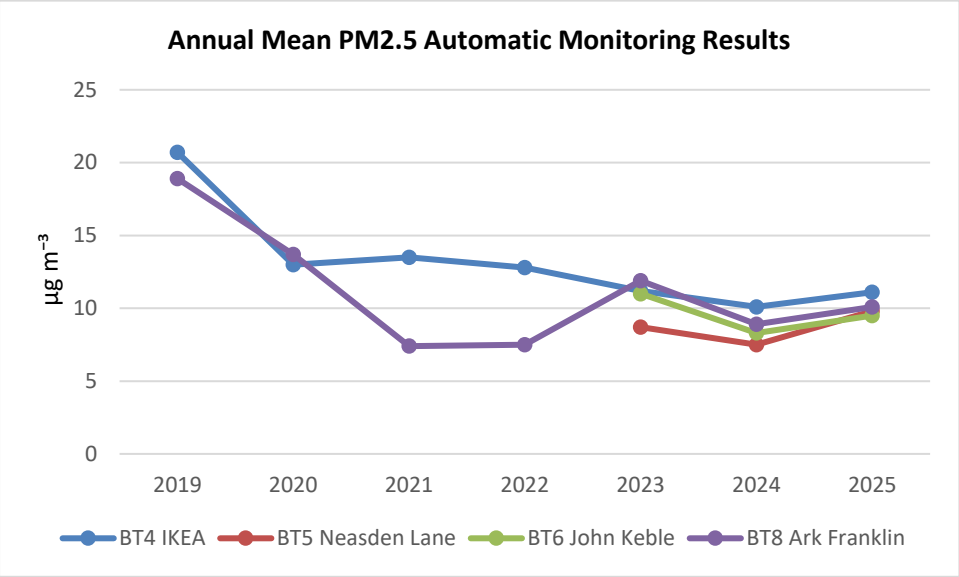
All means have been “annualised” in accordance with LLAQM Technical Guidance, if valid data capture is less than 75% and more than 25%.

(a) Data capture for the monitoring period, in cases where monitoring was only carried out for part of the year.

(b) Data capture for the full calendar year (e.g. if monitoring was carried out for six months the maximum data capture for the full calendar year would be 50%).

Generally, monitored $PM_{2.5}$ concentrations have declined since 2019, with some variability observed in recent years. Between 2024 and 2025, concentrations increased at all monitored locations. BT5 and BT6 continue to meet the London Mayoral Objective and Environment Target Regulations limit of 10 µg $m^{-3}$,

**Figure 3. Trend in annual mean concentrations of $PM_{2.5}$ from 2019 to 2025.**



# 2. Action to Improve Air Quality

## 2.1 Air Quality Management Areas

A summary of AQMAs declared by London Borough of Brent can be found in Table J. The table presents a description of the AQMA that is currently designated within London Borough of Brent. Appendix D provides maps of AQMA(s) and the air quality monitoring locations in relation to the AQMA. The air quality objectives pertinent to the current AQMA designation(s) are as follows:

- $NO_2$ annual mean;
- $PM_{10}$ 24-hour mean;

**Table J. Declared Air Quality Management Areas**

| AQMA Name | Date of Declaration | Pollutants and Air Quality Objectives | One Line Description | Is air quality in the AQMA influenced by roads controlled by Highways England? | Level of Exceedance: Declaration | Level of Exceedance: Current Year | Number of Years Compliant with Air Quality Objective | Name and Date of AQAP Publication | Web Link to AQAP |
|---|---|---|---|---|---|---|---|---|---|
| Borough wide AQMA | June 2023 | Annual mean NO2 and 24 hour PM10 | The 2006 AQMA has been extended to encompass the entire Borough of Brent | Yes | 82.2 | **43.6** µg/m3 (highest NO2 reading from statutory diffusion tube network for 2025 | 0 | Air Quality Action Plan 2023 – 2027 | London Borough of Brent Air Quality Action Plan 2023 to 2027 |

☒ **The London Borough of Brent confirm the information on UK-Air regarding their AQMA(s) is up to date**

☒ **The London Borough of Brent confirm that all current AQAPs have been submitted to GLA**

## 2.2 Air Quality Action Plan Progress

The London Borough of Brent's Air Quality Action Plan was adopted in December 2023, and details actions the Council will take to reduce air pollution and raise awareness of its health impacts from 2023 – 2027 inclusive. Table K provides a summary of London Borough of Brent progress against the Air Quality Action Plan, showing progress made this year.

**Table K. Delivery of Air Quality Action Plan Measures**

| Measure | LLAQM Action Matrix Theme | Action | Progress<br>• Emissions/Concentration data<br>• Benefits<br>• Negative impacts / Complaints |
|---|---|---|---|
| M5 | Monitoring and other core statutory duties | Share air quality monitoring data in an easy-to access format | An Air Quality Dashboard has been added to the Joint Strategic Needs Assessment tool following the Air Quality Needs Assessment report and is live on Brent's Open Data site. Over the past year, the dashboard has been further enhanced to provide annual updates showing data trends across the borough. This provides residents with clearer, more accessible insight into local air quality and how it is changing over time. The dashboard continues to support transparency and strengthens our evidence base for ongoing air quality actions.<br><br>Brent Joint Strategic Needs Assessment (JSNA) 2023 \| Brent Open Data |
| L4 | Localised Solutions | Develop location specific action plans for Air Quality Focus Areas | Air Quality Focus Area (AQFA) Events Project was delivered during 2025.<br>The project included the following elements: |

| Measure | LLAQM Action Matrix Theme | Action | Progress<br>• Emissions/Concentration data<br>• Benefits<br>• Negative impacts / Complaints |
|---|---|---|---|
| | | | • Community engagement pop-up events in all 21 AQFA's;<br>• Engagement events in the school community which included assemblies, air quality workshops and pupils producing an educational video to raise awareness of health impacts.<br>Key Outcomes:<br>Engaged with 900 residents<br>Distributed 600 resources<br>Air Quality Educational digital resource |
| RA4 | Public health and awareness raising | Work with schools and nurseries to improve air quality and to raise awareness about pollution in the local areas | Officers promoted the Mayor of London school indoor air filters two-year programme launched in 2025. Schools that signed up received air filters in classrooms to improve indoor air pollution and free engagement activities on air quality and sustainable travel including an assembly and classroom activities. Currently five schools are underway to have filters installed and awareness activities. |
| M1 | Monitoring and other core statutory duties | Maintaining and where possible expanding monitoring networks, and fulfilling other statutory duties | Brent Council maintains four automatic monitoring stations (three are roadside and one is industrial). Of these, all four measure $NO_2$ and $PM_{10}$ and $PM_{2.5}$ and one measure $O_3$. All automatic stations are calibrated fortnightly and received preventative maintenance visits every six months during 2025. Our service contract provides a 48hr breakdown response service and telephone diagnostic support, to maintain a high data capture.<br><br>There are 123 diffusion tubes in Brent Council's jurisdiction. All existing sites have been retained and maintained throughout 2025. A network of 36 tubes monitors School Streets schemes. All diffusion |

| Measure | LLAQM Action Matrix Theme | Action | Progress<br>• Emissions/Concentration data<br>• Benefits<br>• Negative impacts / Complaints |
|---|---|---|---|
| | | | tubes are analysed in UKAS accredited labs, and the data has been bias adjusted, where appropriate.<br><br>Brent Council holds membership of the London Air Quality Network. This includes data management and ratification from the automatic monitoring site data in periodic LAQN reporting mechanisms<br>Brent Council has continued to support Defra with the maintenance of the polycyclic aromatic hydrocarbon (PAH) monitor situated within the grounds of Kingsbury High School.<br>Results from the automatic monitoring stations and diffusion tubes are collated in the Annual Status Report which is made available on Brent's Air Quality section of the website. The 2024 Annual Status Report was submitted in accordance with the timescales and in accordance with the local authorities' responsibilities under Part IV of the Environment Act 1995. When the report was agreed by the Greater London Assembly (GLA), it was made publicly available via the council's website. |
| M2 | Monitoring and other core statutory duties | Review Brent's monitoring network identifying areas which require further monitoring to ensure it meets our aim of protecting the most vulnerable in the borough | Officers undertook analysis to identify Air Quality Focus Areas and schools where monitoring coverage is currently limited. This work is used to inform the targeting of future diffusion tube monitoring at additional schools and nurseries. |

| Measure | LLAQM Action Matrix Theme | Action | Progress<br>• Emissions/Concentration data<br>• Benefits<br>• Negative impacts / Complaints |
|---|---|---|---|
| M3 | Monitoring and other core statutory duties | Support new monitoring technologies e.g. supporting the GLA/ICL Breathe London monitoring regime | Brent Council is a member of the Breathe London working group and continues to maintain three Breathe London nodes during 2025, comprising the reinstallation of a sensor at Brent IKEA and the installation of sensors at two new sites. |
| M4 | Monitoring and other core statutory duties | Monitor the impact of Transport schemes implemented in the borough by working with Healthy Streets and Parking | Diffusion tube monitoring is included at 36 school streets schemes during 2025. Data from these studies are included in the air quality annuals status reports and published on the Council's website. |
| M5 | Monitoring and other core statutory duties | Share air quality monitoring data in an easy-to access format | Automatic monitoring data continues to be provided through London Air where real time data is available. Membership was renewed for the 2024/25 period with Imperial College London who provide the LondonAir service. This website allows users to request weekly, quarterly and annual site reports as well as seeing live station data. An Air Quality Dashboard has been added to the Joint Strategic Needs Assessment tool following the Air Quality Needs Assessment report and is live on Brent's Open Data site. Over the past year, the dashboard has been further enhanced to provide annual updates showing data trends across the borough. This provides residents with clearer, more accessible insight into local air quality and how it is changing over time. The dashboard continues to support transparency and strengthens our evidence base for ongoing air quality actions. |

| Measure | LLAQM Action Matrix Theme | Action | Progress<br>• Emissions/Concentration data<br>• Benefits<br>• Negative impacts / Complaints |
|---|---|---|---|
| | | | Brent Joint Strategic Needs Assessment (JSNA) 2023 \| Brent Open Data |
| HD1 | Homes, buildings, and developments | Ensuring emissions from construction are minimised by adhering to London Plan and LBB planning policy | 2025 quarterly figures for Dust complaints are:<br>1st Quarter = 13<br>2nd Quarter = 6<br>3rd Quarter = 13<br>4th Quarter = 2<br><br>Dust from building sites or commercial premises is reported through Brent Council's Noise and Nuisances webpage.<br>The SPD adopted in June 2023 contains reference to dust monitoring in certain scenarios being monitored.<br>Where necessary a dust monitoring plan is put in place/ conditioned in association with an application. |
| HD2 | Homes, buildings, and developments | Ensuring enforcement on non-road mobile machinery (NRMM) air quality policies | Throughout 2025, the most up to date NRMM wording has been used for planning conditions.<br><br>Brent Council maintained its membership for the pan-London NRMM project during 2025, provided by the London Borough of Merton. 30 audits were undertaken, with 67% being compliant and 33% Self Compliant. |
| HD3 | Homes, buildings, and developments | Reducing emissions from Combined Heat and Power | For 2025, where Planning policy applied, all major developments met 100% compliance – Heat Pump installations. |

| Measure | LLAQM Action Matrix Theme | Action | Progress<br>• Emissions/Concentration data<br>• Benefits<br>• Negative impacts / Complaints |
|---|---|---|---|
| | | | In 2025 there has been further progression on a new Heat Network for The South Kilburn District. A district heat network involves hot water being pumped from an energy centre, this is a more efficient way of producing heat and hot water and demonstrates how the new heat network can help to reduce emissions from buildings and as the network expands, more households will be able to access affordable heat. |
| HD4 | Homes, buildings, and developments | Enforce Air Quality Neutral, Air Quality Positive policy | Air Quality Positive Assessments are required for major developments, and within Air Quality Focus Areas (AQFAs) and Growth areas. Air Quality Neutral Assessments are required for the whole borough. |
| HD5 | Homes, buildings, and developments | Ensuring adequate, appropriate, and well-located green space and infrastructure is included in new and existing developments<br>Air quality and parks officers to jointly comment on green infrastructure | When required, Urban Greening Factors is generally achieved or at least maximised as far as is practicable.<br>The Air quality Programme Manager and Parks Officers sit on regular meetings on Nature and Green space workstreams. |
| HD6 | Homes, buildings, and developments | Promote and enforce Smoke Control Zones and ensuring they are fully promoted and enforced | Brent Council's smoke control and bonfires webpages include advice on the health impacts of particulate matter (PM2.5) and contain a link to Defra's guidance on authorised fuels and appliances. |

| Measure | LLAQM Action Matrix Theme | Action | Progress<br>• Emissions/Concentration data<br>• Benefits<br>• Negative impacts / Complaints |
|---|---|---|---|
| | | | During 2025, fuel retailers were monitored in accordance with legislation, with inspections undertaken using a risk-based approach. Wood fuel suppliers were checked when businesses were subject to other regulatory inspections or in response to specific allegations.<br><br>Brent Council officers sit on the London Wood Burning Project group, where actions include reviewing enforcement processes and working to standardise approaches across London boroughs. Officers have contributed to awareness campaigns, in 2025 new commercial leaflets were distributed advising businesses of rules and guidance around burning fuel.<br><br>The Council provides clear advisory information on its website about the impacts of bonfires and waste burning, including guidance on when burning may cause a nuisance, how to avoid smoke problems, and the range of garden waste services available as alternatives. Smoke nuisance is reported through Brent Council's Noise and Nuisances webpage. In 2025, 258 complaints of nuisance due to smoke were received. |
| HD7 | Homes, buildings, and developments | Promoting and delivering energy efficiency and retrofitting projects in workplaces and homes throughout Brent | During 2025, the Council secured up to £102,000 in funding to support businesses in Brent to become more sustainable. Information on the funding and associated support was promoted widely across the borough to maximise take-up and awareness among local businesses. |

| Measure | LLAQM Action Matrix Theme | Action | Progress<br>• Emissions/Concentration data<br>• Benefits<br>• Negative impacts / Complaints |
|---|---|---|---|
| | | | The Brent Well and Warm scheme supports residents struggling to keep their homes warm in winter. The service provides free, expert energy advice to residents to help them save money on their energy bills while keeping their homes comfortable. The Well and Warm service was extended to run during 2025-26. The service delivered 624 first consultations to residents in 2025/26. This total includes 31 community-based Green Doctor appointments piloted at two Brent Hubs, supporting some of the borough's most vulnerable residents.<br><br>As part of the council's approach several key retrofit projects have progressed in 2025. At Willesden Green Library, an Air Source Heat Pump installation as the primary heating source, replacing the current gas network the library is connected to. A new Building Management System also installed to maximise energy efficiency and deliver savings in energy use, carbon emissions and operational costs, with an estimated 80 tonnes of carbon saved per annum.<br><br>St. Raphael's Family Wellbeing Centre, a comprehensive retrofit to include an ASHP, BMS upgrade, LED lights, Solar PV and batteries will be installed as a comprehensive retrofit to lower energy usage, bills and carbon emissions. Carbon saved: 5.61 tonnes.<br><br>At Preston Park Family Wellbeing Centre, Solar PV installation to reduce reliance on the electricity grid, lower bills and cut carbon emissions, achieving 3.48 tonnes of carbon savings per year. |

| Measure | LLAQM Action Matrix Theme | Action | Progress<br>• Emissions/Concentration data<br>• Benefits<br>• Negative impacts / Complaints |
|---|---|---|---|
| | | | Brent Schools Climate Action Guide is available for all Brent Schools, via our website. This includes information on decarbonisation and reducing energy usage.<br><br>All schools are supported to write Climate Action Plans on a 121 basis by Schools Climate Action Manager. One of the pillars within the Climate Action Plan is decarbonisation. Currently over 35 schools have Climate Action Plans.<br><br>Brent Council successfully secured funding through Warm Homes: Social Housing Fund, as part of a pan-London partnership with 27 boroughs and housing associations. The consortium received confirmation of its bid approval in March 2025. The funding received will retrofit 80 homes across two blocks (The Oaks - Roundwood Ward & Pharamond - Brondesbury Park Ward) with the primary measure being replacement of existing heating systems with Ground Source Heat pumps. |
| CT1 | Cleaner Transport | Ensure that Transport and Air Quality policies and projects are integrated | Throughout 2025 regular meetings with transport and air quality officers were held to ensure a joint approach. |
| CT2 | Cleaner Transport | Update Council Procurement policies to | Sustainability continues to account for 5% of the evaluation scoring across all London Borough of Brent tenders. |

| Measure | LLAQM Action Matrix Theme | Action | Progress<br>• Emissions/Concentration data<br>• Benefits<br>• Negative impacts / Complaints |
|---|---|---|---|
| | | reduce pollution from logistics and servicing | Work is currently underway to revise the Council's Social Value Statement to ensure it better reflects local community priorities; this will include clearer and more relevant commitments around Climate Change mitigation and Air Quality improvement measures.<br><br>In terms of fleet-related procurement, the former Zipcar car-share contract used by officers in the course of their duties was replaced following Zipcar's withdrawal from the UK market, with a new contract awarded to Enterprise Car Club. This replacement maintains the same number of electric and hybrid vehicles as the previous arrangement, and therefore vehicle-related emissions are expected to remain unchanged.<br><br>No other vehicle procurement tenders were undertaken during the reporting year. |
| CT3 | Cleaner transport | Installation of Ultra-low Emission Vehicle (ULEV) infrastructure | In 2025, 44 Zest chargers were installed and funded by the CPO and Uber.<br><br>Brent Council are researching home charging solutions and bench marking with other boroughs to identify potential solutions for residents with no off-street parking. |

| Measure | LLAQM Action Matrix Theme | Action | Progress<br>• Emissions/Concentration data<br>• Benefits<br>• Negative impacts / Complaints |
|---|---|---|---|
| | | | £7.54m was awarded to a partnership of 6 boroughs including Brent through the 2023/24 Local Electric Vehicle Infrastructure (LEVI) Capital Fund. |
| CT4 | Cleaner transport | Continue to work in partnership with TfL to prioritise actions required to improve local air quality in Brent | We continue to work closely with TfL on a range of projects/initiatives. TfL are continuing to roll-out electric and other zero emission buses across London. New electric vehicles are often introduced as when contracts for individual bus routes are re-tendered. In 2025 new electric buses introduced on route 31 (White City– Camden Station via Kilburn. |
| CT5 | Cleaner transport | Encourage Car Clubs to use low emission and alternative fuel vehicles in their fleet by increasing the proportion of electric, hydrogen and low emission vehicles | Following the decision by Zipcar to cease all UK car club operations, the Council is continuing dialogue with operators around the potential to introduce/expand operations within the borough. Discussions are also underway at a London-wide level around developing a unified approach to provision of car club services in the capital.<br><br>Brent is exploring installation of EVCPs adjacent to existing car club bays to encourage and enable car club operators to introduce EVs into their existing fleets. These could potentially be delivered through the government funded LEVI programme. |
| CT6 | Cleaner transport | Hold regular temporary car free days | Brent supported Car Free Day at Furness Primary School, the road outside the school was designated a Play Street with activities |

| Measure | LLAQM Action Matrix Theme | Action | Progress<br>• Emissions/Concentration data<br>• Benefits<br>• Negative impacts / Complaints |
|---|---|---|---|
| | | | provided by London Play creating an area for walking, wheeling, cycling for the community. 307 students and 25 adults participated.<br><br>Brent Council supports residents in delivering temporary car-free days and provides guidance on how to organise these events via the Council's website. |
| CT7 | Cleaner transport | Discourage unnecessary engine idling | During 2025, Brent Council enforcement teams carried out 11 anti-idling events across the borough. These events were targeted at locations highlighted as problematic through resident reports and monitoring data, including areas near schools and other identified air quality hotspots. Where necessary, additional awareness signage was also put in place to reinforce anti-idling messages and discourage unnecessary vehicle idling. |
| CT8 | Cleaner transport | Provision of infrastructure to support walking and cycling | In 2025, 14% of Brent's population was located within 400 metres of the strategic cycle network, with no change from the previous reporting period.<br><br>Work has commenced on the development of a Brent Active Travel Network Plan part inventory of existing walking, wheeling and cycling routes and supporting infrastructure in the borough; and a plan showing how the network could look in the future – incorporating new walking, wheeling and cycle routes and other infrastructure improvements. |

| Measure | LLAQM Action Matrix Theme | Action | Progress<br>• Emissions/Concentration data<br>• Benefits<br>• Negative impacts / Complaints |
|---|---|---|---|
| | | | Following agreement with the Council, TfL has now started detailed design work on Cycleway 72, a new high-quality walking and cycling route that will link Wembley Central and Harlesden. Subject to the outcome of consultation and relevant approvals, delivery of the scheme could begin in 2027. |
| CT9 | Cleaner transport | Use parking policy to reduce pollution emissions | The number of permits issued to vehicles with a diesel surcharge in 2025 was 4,466. This represents almost a 2% reduction in the number of permits issued to residents who have a diesel vehicle.<br><br>The number of second resident permits for same household was 4,020 and in 2024-2025 this had reduced to 3,740 permits issued, representing almost 7% decrease.<br><br>The number of third resident permits for same household was 647 and in 2024-2025 this had increased to 682 permits issued, representing just over 5% increase. |
| CT10 | Cleaner transport | Reducing emissions from deliveries to local businesses and residents | Brent for Business e-cargo bike scheme, engaged with 272 Brent businesses, 18 of which made the switch to e-cargo bikes rather than vans. |
| CT11 | Cleaner transport | Reducing emissions from council fleets/ accelerate uptake of new low emission vehicles in borough fleet | During 2025, Council officers continued its involvement in the Idling Action London working group, contributing to the development and delivery of anti-idling training engagement with council fleet drivers to support effective actions to reduce vehicle idling, helping to lower air pollution, reduce fuel consumption, and improve safety. |

| Measure | LLAQM Action Matrix Theme | Action | Progress<br>• Emissions/Concentration data<br>• Benefits<br>• Negative impacts / Complaints |
|---|---|---|---|
| | | | Following its approval and launch, the Corporate Travel Plan remained in active delivery during 2025, with ongoing promotion to staff via the Intranet to encourage walking and cycling to work where possible. The Council hosted a joint staff cycling event with Wembley Park and several Dr bikes to support staff that cycle to work |
| CT12 | Cleaner transport | Encourage walking and cycling in the borough by providing support | 565 adults and 1,847 children participated in cycle training sessions.<br><br>24 residents hired bikes via the Try Before you Bike scheme which was advertised at Green Neighbourhood events and via social media posts and on the website.<br><br>Dr Bike sessions were held across the borough. During these events, 442 bikes were repaired. |
| RA1 | Public health and awareness raising | Public Health department taking shared responsibility for borough air quality issues and implementation of Air Quality Action Plans | The Council's Public Health team and the Air Quality Programme Manager promote Clean Air Day, Car Free Day and Clean Air Night annually, alongside associated engagement events. The Public Health team has resourced two dedicated roles to support air quality work, including Air Quality Champions, and the Air Quality Joint Strategic Needs Assessment (JSNA) is reviewed on an annual basis.<br><br>For Clean Air Day 2025, Brent Council supported two events: a creative workshop for the school community at the Carlton Vale and Kilburn Park School Federation, and a public event at Roundwood Park Nature Connection Centre. Activities included scooter and bike |

| Measure | LLAQM Action Matrix Theme | Action | Progress<br>• Emissions/Concentration data<br>• Benefits<br>• Negative impacts / Complaints |
|---|---|---|---|
| | | | repairs, outdoor games, guided cycle rides and workshops focused on clean air.<br><br>Information assets including leaflets were distributed on clean air day. |
| RA2 | Public health and awareness raising | Raise awareness of the health impacts of air pollution, encouraging community action through the Brent Environmental Network, Brent Schools' Climate Champion Network, and through Brent volunteering organisations | Brent Environmental Network newsletter is sent each month, it includes sustainability related articles, reference to air quality and sustainable travel initiatives.<br><br>Kingsbury and Kenton Schools Climate Champions meet every half term, with meetings discussing a range of projects related to sustainability. 20 primary schools also linked via the Our Schools, Our World programme where they commit to embedding a whole school approach to sustainability. These schools meet virtually every half term. |
| RA3 | Public health and awareness raising | Ensure schools join the TfL STARS accredited travel planning programme | All schools are encouraged to participate in the Travel for Life programme formerly STARS and support is available when required.<br><br>In 2025 52% of participating schools have an accredited travel plan (41 schools) of which 73% are gold, 10% silver and 17% bronze.<br><br>Over 2025 a programme of theatre workshops was delivered to Yr 6 pupils as part of the Travel for Life programme. The key messages included air quality, road safety, and active travel. |

| Measure | LLAQM Action Matrix Theme | Action | Progress<br>• Emissions/Concentration data<br>• Benefits<br>• Negative impacts / Complaints |
|---|---|---|---|
| | | | 2017 pupils from 35 schools attended the workshops.<br><br>Breathe Clean promoted through STARs programme |
| RA4 | Public health and awareness raising | Work with schools and nurseries to improve air quality and to raise awareness about pollution in the local areas | Officers promoted the Mayor of London school indoor air filters two-year programme launched in 2025. Schools that signed up received air filters in classrooms to improve indoor air pollution and free engagement activities on air quality and sustainable travel including an assembly and classroom activities. Currently five schools are underway to have filters installed and awareness activities.<br><br>The Council continued awareness and promotion in schools of Breathe Clean Brent Programme resources. All schools have Healthy Walking maps showing high pollutions and low pollution routes to the school.<br><br>Information has been circulated to Early Years Settings through internal mailing lists and Schools through the Mayors Air Pollution Alert system.<br><br>Air Quality Focus Area (AQFA) Events Project was delivered during 2025.<br>The project included the following elements:<br>• Community engagement pop-up events in all 21 AQFA's; |

| Measure | LLAQM Action Matrix Theme | Action | Progress<br>• Emissions/Concentration data<br>• Benefits<br>• Negative impacts / Complaints |
|---|---|---|---|
| | | | • Engagement events in the school community which included assemblies, air quality workshops and pupils producing an educational video to raise awareness of health impacts.<br>Key Outcomes:<br>Engaged with 900 residents<br>Distributed 600 resources<br>Air Quality Educational digital resource<br><br>A total of 33 school streets in operation, all enforced using CCTV. In 2025, consulted on 3 new trial schemes,<br>Numbers will be trialled in 2025.<br>One scheme was expanded in 2025 |
| RA5 | Public health and awareness raising | Engage with businesses, supporting them to reduce emissions from their operations | The Green Business Guides published on the Councils website contains relevant guidance for businesses from a variety of sectors to reduce emissions.<br><br>In late 2023 we launched the Brent Business Climate Charter. The Climate Charter is a way for local faith and community organisations and businesses to make a public pledge to doing their bit to tackle the climate and ecological emergency, whilst being supported through access to resources from the council to help businesses to achieve this. |

| Measure | LLAQM Action Matrix Theme | Action | Progress<br>• Emissions/Concentration data<br>• Benefits<br>• Negative impacts / Complaints |
|---|---|---|---|
| RA6 | Public health and awareness raising | Work with Public Health and Brent's NHS Integrated Care Board to reduce exposure of patients to poor air quality, both indoor and outdoor | Brent's Health and Wellbeing Strategy refresh in 2025 incorporates the commitment to improve local understanding of air quality issues and provide practical advice on reducing exposure to air pollution.<br><br>The Public Health Team works with the NHS Integrated Care Board (ICB)<br>Improved access to data available through the Northwest London Whole System Integrated Care population dashboards this data creates opportunities to target interventions more effectively and to support actions aimed at reducing exposure to poor air quality, both indoors and outdoors. |
| RA7 | Public health and awareness | Promote air pollution alerts and route planner tools | During 2025, the Council continued to promote Breath Clean Brent healthy walking interactive maps, The tool includes low-pollution route maps to all Brent schools, and community walking routes, encouraging active travel, to plan routes around the borough while minimising exposure to air pollution.<br><br>The Council subscribe to airText air pollution alerts, supporting residents to stay informed about local air quality and take action to reduce exposure when pollution levels are higher. |
| RA8 | Public health and awareness | Raise awareness of indoor air pollution and how to reduce exposure | Brent Council continues to raise awareness of indoor air pollution and managing indoor air quality risks through information published on the Council's website, including guidance on reducing exposure in the home. |

| Measure | LLAQM Action Matrix Theme | Action | Progress<br>• Emissions/Concentration data<br>• Benefits<br>• Negative impacts / Complaints |
|---|---|---|---|
| | | | During 2025, the Council's damp and mould webpages were updated to provide clearer advice and support for residents. |
| RA9 | Public health and awareness | Share air pollution data transparently with residents, reporting against both UK Air Quality Objectives and World Health Organisation Targets | An Air Quality dashboard has been developed as part of the Air Quality Needs Assessment. This is accessible via Brent's Open Data site. It enables comparison with UK Air Quality Objectives as well as with the World Health Organisation guidelines.<br><br>Brent Joint Strategic Needs Assessment (JSNA) 2023 \| Brent Open Data |
| L1 | Localised Solutions | Expand and improve green infrastructure across the borough | In 2025, a range of greening projects were implemented across the borough, including:<br>• New community gardening initiatives were established, including the North Brent Community Garden<br>• New community orchards were delivered such as Fry's Orchard (Longstone Avenue Open Space)<br>• Enhanced biodiversity measures and nature-based activities including installation of bird, and bat boxes and planting in Willesden New Cemetery.<br>• Biodiversity improvements were delivered to Leybourne Open Space including new planting and a swale.<br>• New planting and rain garden introduced as part of Kensal Corridor scheme<br>• New rain garden/swale created in Silver Jubilee Park |

| Measure | LLAQM Action Matrix Theme | Action | Progress<br>• Emissions/Concentration data<br>• Benefits<br>• Negative impacts / Complaints |
|---|---|---|---|
| | | | • Connecting residents with minimal access to greenery to our BEE Colourful street greening initiative<br>• Four new Green and Healthy Streets initiatives at Our Lady of Grace Catholic Infants School, Oakington Manor Primary School, Crownhill Road and Leopold Primary School<br>• New biodiversity initiatives in schools as part of the Our Schools Our World programme and delivery of the Schools Climate Action Guide<br>• Developed a new borough-wide Highway Green Infrastructure guide and delivered first pilot scheme on Honeypot Lane<br><br>Award-winning enhancements to Brent's parks, have been recognised through a total of 25 Golds, 12 silver gilts and a category win at the annual London in Bloom awards since 2022. In addition, two Green Flags at King Edward VII, Wembley and Bramshill Open Space, Harlesden and a third Community Green Flag for Roe Green Walled Garden in 2025<br><br>Trees for Brent Project planted 454 trees in the planting season The criteria used to select areas for tree planting were:<br><br>1. Community interest and support for new trees<br>2. Councillor support<br>3. Brent Connects identified priorities for each area |

| Measure | LLAQM Action Matrix Theme | Action | Progress<br>• Emissions/Concentration data<br>• Benefits<br>• Negative impacts / Complaints |
|---|---|---|---|
| | | | 4. Need for trees in the areas proposed, officer site survey to assess existing tree provision<br>5. Sites affected by development, proximity to Growth Areas<br>6. Indices of Multiple Deprivation (based on 2015 IMDs<br>7. Tree Equity Score – a measure of tree canopy cover by LSOA for each project area<br>8. Area of Open Space Deficiency – Significant for some Project Areas.<br><br>Highways planted 90 trees |
| L2 | Localised Solutions | Introduce Green Neighbourhoods across the borough, with the aim of focussing sustainable solutions in priority areas | The Green Neighbourhoods programme in Church End and Roundwood has continued and rolled over into the 2024-26 programme. |
| L3 | Localised Solutions | Ensure AQAP is aligned with LBB Climate Emergency strategy | The Air quality Programme Manager sits on the Nature and Green Space and Sustainable Travel Climate Action Work Streams and Groups. |
| L4 | Localised solutions | Develop location specific action plans for Air Quality Focus Areas as part of the Local Implementation (LIP) programme | Air Quality Focus Area (AQFA) Events Project was delivered during 2025.<br>The project included the following elements:<br>•Community engagement pop-up events in all 21 AQFA's;<br>•Engagement events in the school community which included assemblies, air quality workshops and pupils producing an educational video to raise awareness of health impacts. |

# 3. Planning Update and Other New Sources of Emissions

### Table L. Planning requirements met by planning applications in London Borough of Brent in 2025

| Condition | Number |
|---|---|
| Number of planning applications where an air quality impact assessment was reviewed for air quality impacts | 22 |
| Number of planning applications required to undertake construction dust monitoring and reporting (Please specify how you get access to dust monitoring data i.e. online tool or CSV file) | 18 |
| Number of CHPs/Biomass boilers refused on air quality grounds | 0 |
| Number of CHPs/Biomass boilers subject to GLA emissions limits and/or other restrictions to reduce emissions as detailed in Air Quality Neutral LPG (london.gov.uk) point 3.1.5. | 0 |
| Number of developments required to install Ultra-Low $NO_X$ boilers | 1 |
| Number of developments where an AQ Positive, AQ Neutral building and/or transport assessments undertaken | 27 |
| Number of developments where the AQ Neutral building and/or transport assessments not meeting the benchmark and so required to include additional mitigation | Data Not Available |
| Number of planning applications with S106 agreements including other requirements to improve air quality | 0 |
| Number of planning applications with CIL payments that include a contribution to improve air quality | 0 |
| **NRMM:**<br>Number of planning applications with conditions related to NRMM included.<br>Number of developments registered at www.nrmm.london.<br>Number of audits (based on the pan-London project report and / or inhouse auditing programme)<br>% of sites unregistered prior to audit<br>% of sites compliant with the NRMM LEZ policy standards. | <br>84 conditions included<br>25 registered<br>30 audits<br>23% sites unregistered prior to audit<br>100% sites compliant after audit |
| | |

## 3.1 New or significantly changed industrial or other sources

No new sources identified

# 4. Additional Activities to Improve Air Quality

## 4.1 London Borough of London Borough of Brent Fleet

Brent Council continues to maintain one zero emissions vehicle a Cargo E bike

## 4.2 Planning Enforcement

An Environmental Health Officer reviews all relevant planning applications to ensure that local air quality management considerations are fully addressed. Each application is assessed to determine the potential air quality impacts arising from the proposed development, as well as the implications for any new sensitive receptors introduced to the area.

Air Quality Assessments (AQAs) are requested where appropriate, depending on the scale, location and nature of the development. The Council applies the policies set out in Brent's Local Plan when determining developments that require Air Quality Neutral (AQN) or Air Quality Positive (AQP) assessments.

Conditions relating NRMM are considered appropriate for both major and minor developments where relevant, to minimise emissions during the construction phase.

## 4.3 Pan-London NRMM Auditing Project

Brent Council continues to support the pan-London NRMM auditing project.

The below example NRMM condition is typically applied to major developments. However, it should be noted that it may also be applied for a minor scheme that has a Construction Method Statement and is with an AQMA/ Air Quality Focus Area if the Council deems it necessary.

All Non-Road Mobile Machinery (NRMM) of net power of 37kW and up to and including 560kW used during the course of the demolition, site preparation and construction phases shall comply with the emission standards as published on the NRMM Website (https://nrmm.london/). Unless it complies with the standards set out on the website, no NRMM shall be on site, at any time, whether in use or not, without the prior written consent of the local planning authority. The developer shall keep an up-to-date list of all NRMM used during the demolition, site preparation and construction phases of the development on the online register at https://nrmm.london/

Reason: To protect local amenity and air quality in accordance with Brent PolicyBSUI2 and London Plan policies SI1 and SI 2.

## 4.4 Air Quality Alerts

The Mayor’s air quality alert messaging is cascaded to the Council’s internal mailing list of Early Year’s Settings. airTEXT is promoted to vulnerable groups through local GPs and other health care professionals. The Council promotes the airTEXT Sign up on the Air Quality webpage.

# Appendix A Details of Monitoring Site Quality QA/QC

## A.1 Automatic Monitoring Sites

QA/QC for Brent's automatic monitoring stations is provided by ERG Imperial College London. These stations are calibrated fortnightly by their local site operator (LSO), with annual audits carried out by the National Physics Laboratory.

$PM_{10}$ Monitoring Adjustment

No adjustments have been made to the PM10 data.

## A.2 Diffusion Tubes

All diffusion tubes are prepared and provided by Gradko International Limited. The tubes are set up and collected by the local site operator 'We Care4 Air' and analysis Page 65 undertaken by Gradko using UKAS Accredited Methods. Tubes are prepared using the preparation method 20% Tri-ethanolamine (TEA) in de-ionised water.

Factor from Local Co-location Studies

Site BT4 (Ikea) and BT8 (Ark Franklin Primary School) were used in the local co-location study. Both are roadside sites. BT4 has four diffusion tubes co-located (ID 52). As the co-location study requires either duplicates or triplicates, using professional judgement it was decided that 52D was not included in the calculations. The omission of this tube was decided as it had the lowest data capture out of the four diffusion tubes. BT8 has three diffusion tubes co-located (ID 79); the calculations show a combined local bias adjustment factor of 0.87.

Discussion of Choice of Factor to Use

Diffusion tube adjustment factors were obtained from the national bias adjustment calculator. Tubes were analysed by Gradko as detailed in the table below. As shown in the table, national bias adjustment factors over recent years have remained broadly consistent.

In comparison with the local factor, the national factor is higher and therefore provides a more conservative (“worst case scenario”) estimate at each site.

The 2026 national bias adjustment factor of 0.89 falls within the range of values observed in previous years and is considered representative. Therefore, the national factor of 0.89 has been applied for bias adjustment.

**Table M. Bias Adjustment Factor**

| Year | Local or National | If National, Version of National Spreadsheet | Adjustment Factor |
|---|---|---|---|
| 2019 | National | 03/20 | 0.91 |
| 2020 | National | 03/21 | 0.81 |
| 2021 | National | 03/22 | 0.84 |
| 2022 | Local | 03/23 | 0.92 (national was 0.83) |
| 2023 | National | 03/24 | 0.81 |
| 2024 | National | 03/25 | 0.84 |
| 2025 | National | 03/26 | 0.89 |

## A.3 Adjustments to the Ratified Monitoring Data

Short-term to Long-term Data Adjustment

Short-term to Long-term Data Adjustment A final measurement data set was produced by ERG Imperial following retrospective ratification of the measurements using procedures which comply with the requirements of LLAQM.TG (19). During ratification, information from regular calibration, audits and daily manual validation were used to establish an operational and calibration history of the instruments. The pollution measurements were then corrected to establish traceability to National Meteorological Standards. Details of the monitoring site and the final data set can be found at www.londonair.org.uk.

Where data capture is less than 75% and greater than 33% of a full calendar year (less than 9 months), the mean was ‘annualised’ – i.e. adjusted using the methodology outlined in LLAQM.TG (19) before being compared to annual mean objectives. 35 diffusion tubes were annualised since data capture at the sites was reported below 75% during 2025. Three background automatic monitoring sites were used to undertake the annualisation calculations (Camden, Haringey and Lewisham). These were chosen as they are the closest background automatic monitoring sites to the diffusion tubes.

Monitoring sites in background locations were prioritised to avoid any local effects that may occur at Urban Centre, Roadside or Kerbside sites. Details of the annualisation calculations are provided in Table P. No automatic monitoring data required annualization for 2025.

Distance Adjustment

If an exceedance is measured at a monitoring site which is not representative of public exposure, the procedure specified in LLAQM.TG(19) was used to estimate the concentration at the nearest receptor.

## Table N. Non-Automatic Monitoring Data Adjustment

| Site ID | Annualisation Factor Camden – Swiss Cottage | Annualisation Factor Haringey Priory Park | Annualisation Factor Lewisham - Honor Oak Park | Annualisation Factor Site 4 Name | Average Annualisation Factor | Raw Data Annual Mean (µg $m^{-3}$) | Annualised Annual Mean (µg $m^{-3}$) |
|---|---|---|---|---|---|---|---|
| 17 | 1.0902 | 1.1187 | 1.0767 | - | 1.0952 | 30.6 | 33.5 |
| 23 | 1.0177 | 0.9899 | 0.9770 | - | 0.9949 | 45.5 | 45.2 |
| 26 | 1.0169 | 1.0041 | 0.9933 | - | 1.0048 | 27.0 | 27.1 |
| BRT55 | 1.0177 | 0.9558 | 0.9375 | - | 0.9703 | 47.4 | 45.9 |
| BRT56 | 1.0374 | 1.0656 | 1.0464 | - | 1.0498 | 29.5 | 31.0 |
| BRT57 | 1.0398 | 1.0209 | 1.0076 | - | 1.0228 | 32.4 | 33.1 |
| SZ1 | 0.9692 | 0.9637 | 0.9394 | - | 0.9574 | 24.8 | 23.7 |
| SZ4b | 0.9284 | 0.9018 | 0.8890 | - | 0.9064 | 26.7 | 24.2 |
| SZ5a | 0.9757 | 1.0181 | 0.9710 | - | 0.9883 | 20.4 | 20.2 |
| SZ5b | 0.9757 | 1.0181 | 0.9710 | - | 0.9883 | 20.6 | 20.4 |
| SZ12 | 0.9900 | 0.9997 | 0.9750 | - | 0.9882 | 21.3 | 21.1 |
| SZ16 | 0.9864 | 0.9736 | 0.9558 | - | 0.9719 | 20.1 | 19.5 |
| SZ14A | 1.1869 | 1.1507 | 1.1539 | - | 1.1638 | 18.7 | 21.8 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| SZ4c | 0.9620 | 0.9154 | 0.9064 | - | 0.9279 | 25.3 | 23.4 |
| SZ20B | 1.0072 | 1.0350 | 0.9929 | - | 1.0117 | 19.4 | 19.7 |
| SZ20A | 1.0177 | 0.9899 | 0.9770 | - | 0.9949 | 17.8 | 17.7 |
| SZ7 | 1.2374 | 1.2172 | 1.1879 | - | 1.2142 | 19.4 | 23.6 |
| PM19a | 0.9900 | 0.9997 | 0.9750 | - | 0.9882 | 27.9 | 27.6 |
| PM25a | 0.7518 | 0.7376 | 0.7316 | - | 0.7404 | 27.2 | 20.1 |
| PM25b | 0.7518 | 0.7376 | 0.7316 | - | 0.7404 | 26.3 | 19.4 |
| PM26a | 0.7518 | 0.7376 | 0.7316 | - | 0.7404 | 27.6 | 20.4 |
| PM29a | 0.7518 | 0.7376 | 0.7316 | - | 0.7404 | 25.8 | 19.1 |
| PM29b | 0.7518 | 0.7376 | 0.7316 | - | 0.7404 | 24.9 | 18.5 |
| PM29c | 0.7518 | 0.7376 | 0.7316 | - | 0.7404 | 30.0 | 22.2 |
| PM32c | 1.1272 | 1.1614 | 1.0922 | - | 1.1269 | 17.7 | 20.0 |
| SZ231 | 1.1396 | 1.1573 | 1.1308 | - | 1.1425 | 16.0 | 18.3 |
| PM22A | 0.7518 | 0.7376 | 0.7316 | - | 0.7404 | 27.8 | 20.6 |
| PM22E | 0.7518 | 0.7376 | 0.7316 | - | 0.7404 | 26.2 | 19.4 |
| PM22C | 0.7518 | 0.7376 | 0.7316 | - | 0.7404 | 27.1 | 20.0 |
| PM23B | 0.7518 | 0.7376 | 0.7316 | - | 0.7404 | 28.7 | 21.3 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| PM28B | 0.7518 | 0.7376 | 0.7316 | - | 0.7404 | 25.2 | 18.7 |
| PM28E | 0.7518 | 0.7376 | 0.7316 | - | 0.7404 | 26.0 | 19.3 |
| PM28D | 0.7518 | 0.7376 | 0.7316 | - | 0.7404 | 27.1 | 20.1 |
| PM36A | 0.7518 | 0.7376 | 0.7316 | - | 0.7404 | 33.5 | 24.8 |
| PM28A | 0.7518 | 0.7376 | 0.7316 | - | 0.7404 | 38.1 | 28.2 |

## Table O. $NO_2$ Fall off With Distance Calculations

| Diffusion Tube ID | Distance (m) | | $NO_2$ Annual Mean Concentration (µg/m$^3$) | | | Comment |
|---|---|---|---|---|---|---|
| | Monitoring Site to Kerb | Receptor to Kerb | Bias Adjusted and Annualised | Background | Predicted at Receptor | |
| 9 | 2.0 | 22.0 | 50.5 | 15.3 | 30.7 | *Warning: your receptor is more than 20m further from the kerb than your monitor - treat result with caution.* |
| 23 | 2.0 | 12.0 | 40.2 | 18.6 | 31.2 | |
| 41 | 4.0 | 7.0 | 48.0 | 19.5 | **43.6** | *Predicted concentration at Receptor above AQS objective.* |
| 53 | 1.0 | 16.0 | 39.4 | 16.7 | 26.7 | |
| 62 | 1.0 | 41.0 | 39.7 | 16.28678 | 22.2 | *Warning: your receptor is more than 20m further from the kerb than your monitor - treat result with caution.* |
| BRT55 | 0.5 | 3.5 | 40.9 | 19.0 | 33.4 | |
| SZ4a | 0.5 | 7.5 | 45.1 | 19.0 | 32.6 | |
| SZ63 | 0.6 | 8.6 | 36.2 | 15.3 | 26.0 | |
| PM19c | 0.3 | 12.3 | 44.2 | 18.0 | 28.4 | |

## Appendix B Full Monthly Diffusion Tube Results for 2025

**Table P. $NO_2$ 2025 Diffusion Tube Results (µg $m^{-3}$)**

| DT ID | X OS Grid Ref (Easting) | Y OS Grid Ref (Northing) | Jan | Feb | Mar | Apr | May | June | Jul | Aug | Sept | Oct | Nov | Dec | Raw Annual Mean (µg/m3) | Bias Adjusted and Annualised Annual Mean (µg/m3) | Distance Corrected Annual Mean (µg/m3) | Comment |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 516929 | 188560 | 52.2 | 30.2 | 23.6 | 21.1 | 15.1 | 19.0 | 20.0 | 20.1 | 23.6 | 18.9 | 28.6 | | 23.2 | 20.7 | | |
| 2 | 515793 | 186042 | 55.7 | 34.2 | 23.3 | 23.0 | 16.6 | 19.0 | 19.4 | 18.3 | 22.0 | 22.7 | 28.2 | | 24.1 | 21.4 | | |
| 4 | 518240 | 187747 | 50.6 | 35.5 | 31.6 | 30.6 | 17.7 | 18.3 | 20.1 | 20.7 | 25.6 | 22.9 | 30.7 | | 26.3 | 23.4 | | |
| 9 | 518499 | 186168 | 56.8 | | | | | | | | | | | | 56.8 | **50.5** | 30.7 | |
| 17 | 520480 | 186537 | 56.8 | | 33.5 | 36.4 | 21.6 | 32.1 | 30.7 | | 31.4 | 36.1 | 5.5 | | 30.6 | 29.8 | | |
| 21a | 520077 | 182853 | 52.6 | 32.0 | 28.1 | 27.1 | 18.9 | 19.6 | 20.5 | 19.0 | 23.2 | 23.4 | 31.0 | | 25.3 | 22.6 | | |
| 22 | 521447 | 188730 | 56.9 | 37.9 | 40.2 | 35.2 | 26.0 | 26.8 | 17.8 | 22.8 | 30.3 | 29.3 | | | 30.8 | 27.4 | | |
| 23 | 521213 | 186125 | 86.2 | 57.3 | 46.1 | 46.2 | 39.0 | | | 34.1 | 41.7 | 35.4 | 48.3 | | 45.5 | **40.2** | 31.2 | |
| 26 | 522191 | 184821 | 59.3 | 33.9 | 31.6 | 32.4 | 18.1 | | | 18.6 | 21.4 | 20.9 | | | 27.0 | 24.1 | | |
| 29 | 523191 | 186571 | 49.6 | 29.4 | 30.5 | 26.7 | 17.9 | 18.1 | 22.4 | | 20.9 | 19.1 | 29.2 | | 24.8 | 22.1 | | |
| 30 | 523663 | 185353 | 48.4 | 31.8 | 29.7 | 27.5 | 19.8 | 18.7 | 22.8 | 18.9 | 24.3 | 21.2 | 29.0 | | 25.2 | 22.4 | | |
| 33a | 519572 | 187691 | 45.3 | 28.6 | 23.2 | 23.4 | 17.9 | 19.5 | 23.4 | 18.4 | 22.2 | 21.3 | 24.9 | | 23.2 | 20.6 | | |
| 41 | 521455 | 185920 | 108.0 | 57.2 | 49.1 | 59.8 | 42.5 | 55.7 | 47.8 | 43.4 | 52.1 | 51.6 | 57.5 | | 53.9 | **48.0** | **43.6** | |
| 48 | 525196 | 182517 | 48.9 | 33.3 | 29.4 | 27.9 | 16.2 | 25.1 | 27.5 | 22.0 | 26.2 | 26.1 | 29.8 | | 27.2 | 24.2 | | |
| 52a, 52b, 52c, 52d | 520874 | 185173 | 64.4 | 43.4 | 41.2 | 50.5 | | 35.1 | 29.6 | 35.6 | 34.2 | 0.6 | 45.6 | | 38.5 | 34.2 | | |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 53 | 518026 | 185028 | 92.8 | 56.0 | 41.7 | 45.7 | 30.0 | 41.3 | 37.1 | 38.6 | 37.0 | 44.3 | 49.2 | | 44.3 | 39.4 | 26.7 | |
| 54 | 518236 | 183207 | 54.5 | 31.7 | 26.5 | 24.8 | 16.7 | 21.9 | 24.0 | 21.7 | 21.4 | 20.9 | | | 24.7 | 22.0 | | |
| 60 | 519475 | 186557 | 61.0 | 40.1 | 38.0 | 39.9 | 25.3 | 29.9 | 27.7 | 29.5 | 33.1 | 26.9 | 37.1 | | 33.8 | 30.0 | | |
| 61 | 519762 | 186600 | 54.6 | 31.8 | 24.6 | 27.8 | 19.6 | 26.1 | 25.2 | 23.5 | 39.9 | 4.0 | | | 25.9 | 23.0 | | |
| 62 | 519667 | 186604 | 86.0 | 51.1 | 51.1 | 49.4 | 36.0 | 45.5 | 49.5 | 40.8 | 26.6 | | 33.3 | | 44.6 | 39.7 | 22.2 | |
| 63 | 519703 | 187007 | 44.6 | 27.3 | 19.4 | 15.8 | 9.4 | 11.2 | 10.6 | 12.7 | 16.2 | 17.5 | 25.5 | | 17.7 | 15.8 | | |
| 64 | 519824 | 186715 | 58.7 | 32.5 | 23.7 | 26.4 | 17.4 | 20.8 | 22.9 | 20.5 | | 23.7 | 32.8 | | 26.0 | 23.2 | | |
| 65 | 521313 | 186529 | 61.0 | 38.6 | 31.2 | | 19.6 | 21.0 | 19.1 | 25.4 | 24.4 | 28.4 | 33.8 | | 28.5 | 25.3 | | |
| 66 | 521912 | 186514 | 50.2 | 30.7 | 26.7 | 25.0 | 17.4 | 19.8 | 18.9 | 17.0 | 22.2 | 20.2 | 28.0 | | 23.6 | 21.0 | | |
| 67 | 521651 | 186611 | 49.8 | 31.0 | 25.4 | 19.4 | 14.0 | | 15.0 | 14.9 | 19.3 | 18.4 | 25.7 | | 21.6 | 19.3 | | |
| 68 | 521448 | 186626 | 52.9 | 32.2 | 33.3 | 28.8 | 20.5 | 26.3 | 38.9 | 22.9 | 25.0 | 25.0 | 31.5 | | 29.2 | 26.0 | | |
| 69 | 523782 | 183527 | 46.9 | 25.7 | 22.1 | 21.9 | 15.1 | 17.8 | 19.3 | 18.4 | 22.3 | 21.9 | 26.6 | | 22.2 | 19.7 | | |
| 70 | 523828 | 183338 | 46.0 | 26.7 | 23.6 | 21.5 | 13.4 | 13.7 | 16.1 | 16.0 | 17.0 | 16.8 | 22.5 | | 19.8 | 17.6 | | |
| 71 | 524179 | 183232 | 45.5 | 28.2 | 18.1 | 19.5 | 11.4 | 14.4 | 15.5 | 12.7 | 15.6 | 16.3 | | | 18.2 | 16.2 | | |
| 72 | 524142 | 183120 | 47.1 | 29.2 | 25.5 | 22.4 | 14.1 | 16.7 | 17.8 | 16.7 | 18.9 | 20.7 | 25.5 | | 21.8 | 19.4 | | |
| 73 | 524607 | 183267 | 51.4 | 31.4 | 28.0 | 29.5 | 18.6 | 21.5 | 22.5 | 21.1 | 26.2 | 22.8 | 28.2 | | 26.0 | 23.1 | | |
| 74 | 524283 | 183882 | 42.1 | 26.9 | 27.3 | 25.2 | 16.3 | 16.1 | 17.3 | 15.0 | 16.6 | 17.5 | 23.5 | | 20.9 | 18.6 | | |
| 75 | 517499 | 187778 | 42.2 | 28.7 | 22.2 | 21.0 | 11.6 | 14.3 | 15.5 | 13.7 | 18.6 | 17.1 | 25.1 | | 19.7 | 17.5 | | |
| 76 | 518430 | 188406 | 41.0 | 24.4 | 17.9 | 16.6 | 8.9 | 11.8 | 6.0 | 15.5 | | 12.3 | 21.6 | | 16.2 | 14.4 | | |
| 77 | 519100 | 189827 | 46.2 | 28.4 | 22.4 | 21.2 | 11.8 | 16.3 | 7.3 | 15.5 | 21.5 | 17.8 | 27.8 | | 20.1 | 17.9 | | |
| 78 | 516721 | 185478 | 62.1 | 36.6 | 31.2 | 25.7 | 20.9 | 25.5 | 27.3 | 23.8 | 27.1 | 28.8 | 34.0 | | 29.5 | 26.2 | | |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 79a, 79b, 79c | 523721 | 183008 | 53.5 | 30.9 | 29.2 | 25.0 | 17.2 | 18.4 | 25.0 | 18.9 | 50.0 | 21.9 | 30.8 | | 27.8 | 24.7 | | |
| BRT42 | 521131 | 183995 | 51.5 | 29.3 | 28.8 | 29.2 | 18.1 | 18.9 | 19.4 | 19.8 | 21.4 | 21.2 | 24.7 | | 24.2 | 21.5 | | |
| BRT43 | 520242 | 184541 | 62.1 | | 36.7 | 35.4 | 28.8 | 33.0 | 25.4 | 31.0 | 34.6 | 33.2 | 44.5 | | 34.8 | 30.9 | | |
| BRT53 | 518303 | 185181 | 79.9 | 49.0 | 45.5 | 52.3 | 39.1 | 46.4 | 41.3 | 42.0 | 37.0 | 4.2 | 6.1 | | 38.1 | 33.9 | | |
| BRT55 | 521743 | 183361 | 82.9 | 57.6 | 50.7 | | | | | 42.6 | 37.3 | 35.2 | | | 47.4 | **40.9** | 33.4 | |
| BRT56 | 523635 | 183153 | 63.4 | 36.9 | 34.1 | 29.8 | 25.2 | 27.5 | 33.0 | 26.1 | | 11.9 | | | 29.5 | 27.6 | | |
| BRT57 | 525419 | 183612 | | 40.5 | 34.1 | 36.4 | | | 36.5 | 31.1 | 19.3 | 30.2 | | | 32.4 | 29.5 | | |
| BRT58 | 523031 | 184655 | 61.7 | 39.5 | 36.8 | 37.6 | 26.2 | 31.2 | 29.1 | 32.8 | 27.9 | | 30.2 | | 33.8 | 30.1 | | |
| SZ2 | 521069 | 186250 | 48.0 | 29.6 | 22.8 | 20.2 | 11.3 | 16.3 | 15.5 | 17.1 | 18.9 | 21.2 | 26.2 | | 21.1 | 18.8 | | |
| SZ41 | 521624 | 184275 | 44.3 | 26.0 | 20.6 | 19.3 | 10.9 | 12.4 | 14.5 | 14.4 | 17.3 | 17.0 | 23.7 | | 18.7 | 16.6 | | |
| SZ1 | 521103 | 183408 | 47.6 | 30.0 | 25.4 | 24.1 | 15.9 | 18.3 | | | | 20.4 | 30.7 | | 24.8 | 21.1 | | |
| SZ3A | 518900 | 184774 | 43.7 | 28.0 | 23.5 | 20.9 | 12.9 | 13.1 | 13.4 | 13.1 | 15.7 | 17.9 | 22.7 | | 19.1 | 17.0 | | |
| SZ3B | 518913 | 184670 | 37.4 | 26.3 | 17.6 | 20.0 | 12.2 | 12.6 | 13.5 | 11.8 | | 16.2 | 21.7 | | 17.8 | 15.8 | | |
| SZ10 | 524585 | 184031 | 41.4 | 27.6 | 23.2 | 20.8 | 7.4 | 13.3 | 14.3 | 13.1 | 16.8 | 17.8 | 21.7 | | 18.5 | 16.5 | | |
| SZ4a | 521643 | 183579 | 50.7 | | | | | | | | | | | | 50.7 | **45.1** | 32.6 | |
| SZ19 | 523744 | 183076 | 46.3 | 27.3 | 22.7 | 20.2 | 11.5 | 16.0 | | 14.6 | 13.2 | 18.7 | | | 19.5 | 17.3 | | |
| SZ8 | 521314 | 184712 | 44.0 | 29.0 | 25.4 | 21.7 | 13.7 | 16.1 | 16.8 | 14.1 | | 17.1 | 25.0 | | 20.9 | 18.6 | | |
| SZ4b | 521718 | 183649 | 55.0 | 33.1 | 25.7 | 25.4 | | 17.0 | | | | 20.2 | | | 26.7 | 21.6 | | |
| SZ5a | 521394 | 184264 | 44.6 | 26.9 | 22.1 | 20.4 | 11.8 | 14.0 | 14.4 | | 18.7 | | 24.0 | | 20.4 | 18.0 | | |
| SZ5b | 521364 | 184185 | 47.7 | 28.2 | 21.9 | 19.5 | 11.8 | 14.6 | 14.3 | | 17.6 | | 24.7 | | 20.6 | 18.2 | | |
| SZ11b | 520525 | 183861 | 46.4 | 31.8 | 23.8 | 22.7 | 13.5 | 15.1 | 16.3 | 15.9 | 19.1 | 17.2 | 25.3 | | 21.1 | 18.8 | | |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SZ12 | 523167 | 186491 | 45.8 | 26.8 | 26.1 | 22.8 | 13.6 | 13.3 | 16.3 | | | 15.8 | 26.6 | | 21.3 | 18.8 | | |
| SZ11A | 520480 | 183908 | 42.8 | 26.3 | 21.5 | 20.8 | | 22.2 | 15.6 | 13.8 | 17.9 | 17.2 | 24.3 | | 20.9 | 18.6 | | |
| SZ15 | 522934 | 184702 | 45.6 | 27.6 | 24.6 | 19.6 | 13.9 | 15.0 | 15.9 | | 18.8 | 18.0 | 26.3 | | 21.1 | 18.8 | | |
| SZ16 | 523039 | 184745 | 44.1 | 27.2 | 22.2 | 20.2 | 11.8 | | 13.7 | | 12.9 | 17.8 | 24.5 | | 20.1 | 17.4 | | |
| SZ18 | 523224 | 183045 | 45.0 | 29.1 | 26.1 | 23.2 | 15.7 | 16.4 | 19.4 | 15.2 | 18.8 | 19.5 | 24.5 | | 21.7 | 19.3 | | |
| SZ81 | 520512 | 184580 | 42.8 | 27.8 | 24.8 | 20.3 | 13.0 | | 16.9 | 13.9 | 17.5 | 18.5 | 25.4 | | 20.7 | 18.4 | | |
| SZ17 | 521618 | 185525 | 51.6 | 28.6 | 22.6 | 21.4 | 14.2 | 19.2 | 17.1 | | 21.2 | 23.5 | 27.9 | | 23.2 | 20.7 | | |
| SZ14A | 518837 | 185102 | 41.6 | | | 22.3 | | 11.6 | 13.9 | 15.4 | 16.3 | 19.3 | 23.4 | | 18.7 | 19.4 | | |
| SZ27 | 519913 | 185066 | 44.7 | 30.2 | 22.4 | 23.1 | 14.9 | 13.8 | 16.2 | 15.8 | | 19.8 | 26.4 | | 21.4 | 19.0 | | |
| SZ4c | 521781 | 183700 | 50.9 | 31.1 | 26.4 | 24.9 | | | 17.2 | | 21.6 | 19.0 | 24.8 | | 25.3 | 20.9 | | |
| SZ20B | 524003 | 183995 | 43.0 | 27.9 | 22.3 | 20.2 | 10.2 | 12.7 | | 11.7 | 17.3 | | 24.0 | | 19.4 | 17.5 | | |
| SZ20A | 523678 | 183956 | 37.5 | 23.2 | 21.3 | 17.1 | 10.7 | | | 11.5 | 16.0 | 14.1 | 21.6 | | 17.8 | 15.8 | | |
| SZ22 | 519883 | 189197 | 34.0 | | 20.8 | 16.2 | 8.8 | 10.5 | 5.6 | 11.0 | 15.1 | 13.7 | 21.3 | | 14.4 | 12.8 | | |
| SZ7 | 523119 | 185933 | 45.9 | | | | | 13.9 | 15.2 | | 17.8 | 19.0 | | | 19.4 | 21.0 | | |
| SZ14B | 518835 | 185012 | 42.0 | 30.4 | 27.9 | 24.0 | 15.6 | 15.3 | 14.7 | 16.0 | 18.3 | 18.5 | 26.2 | | 21.4 | 19.1 | | |
| SZ63 | 518603 | 186544 | 40.7 | | | | | | | | | | | | 40.7 | 36.2 | 26.0 | |
| SZ23 | 520065 | 188673 | 36.6 | 3.9 | 22.4 | 17.3 | 10.3 | 11.4 | 6.5 | 11.9 | 16.9 | 14.7 | 22.4 | | 14.4 | 12.8 | | |
| SZ6 | 517900 | 187137 | 41.5 | 24.1 | 18.7 | 16.5 | 9.2 | 10.8 | 29.6 | 12.1 | 16.7 | 15.0 | | | 17.9 | 16.0 | | |
| SZ25A | 518243 | 188627 | | 24.3 | 19.2 | 14.5 | 9.0 | 11.1 | 12.0 | 14.4 | 16.6 | 15.0 | 22.1 | | 15.8 | 14.0 | | |
| SZ24 | 517739 | 187912 | 38.9 | 24.7 | 18.4 | 15.7 | 8.3 | 10.5 | 10.4 | 11.0 | 14.5 | 12.7 | | | 15.2 | 13.6 | | |
| SZ25B | 518184 | 188539 | 33.7 | 22.5 | 15.5 | 15.1 | 7.2 | 9.8 | 11.3 | 14.3 | 14.4 | 12.9 | 20.7 | | 15.2 | 13.5 | | |
| SZ26 | 516559 | 185913 | | 27.3 | 21.1 | 19.1 | 10.7 | 13.2 | 12.2 | 13.2 | 16.6 | 17.2 | 21.6 | | 17.2 | 15.3 | | |

| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PM16a | 521348 | 183912 | | 31.1 | 22.6 | 23.5 | 14.7 | 16.4 | 17.7 | 14.9 | 20.3 | 18.9 | 27.4 | | 20.6 | 18.3 | | |
| PM16b | 521741 | 184243 | | 26.6 | 22.1 | 20.0 | 13.2 | 15.9 | 15.9 | 15.2 | 15.7 | 18.4 | 21.6 | | 18.4 | 16.4 | | |
| PM19a | 523453 | 183500 | 62.0 | 34.3 | 28.7 | 29.1 | 18.8 | 14.2 | 26.2 | | | 24.6 | 33.6 | | 27.9 | 24.6 | | |
| PM19b | 523931 | 183500 | 50.0 | 30.4 | 25.3 | 21.9 | 16.3 | 18.8 | 19.8 | 16.6 | 21.0 | 19.3 | 23.1 | | 22.4 | 20.0 | | |
| PM19c | 524520 | 183495 | 52.6 | 31.7 | 30.5 | 29.1 | 17.6 | 20.6 | 22.9 | | 227.3 | 21.7 | 31.4 | | 49.7 | **44.2** | 28.4 | |
| PM20a | 524603 | 183984 | 49.4 | 30.1 | 25.0 | 25.0 | 13.8 | 16.2 | 16.3 | 16.6 | 19.5 | 18.0 | 24.6 | | 21.6 | 19.3 | | |
| PM20b | 524620 | 184266 | 40.7 | 23.8 | 24.0 | 21.3 | 12.6 | 17.3 | 18.9 | 8.6 | 22.6 | 16.2 | 25.5 | | 19.7 | 17.6 | | |
| PM20c | 524908 | 184273 | 63.9 | 33.7 | 30.6 | 29.4 | 19.1 | 22.7 | | 21.2 | 24.9 | 25.6 | | | 27.8 | 24.7 | | |
| PM25a | 523246 | 185765 | 40.6 | 27.8 | 24.0 | 22.9 | | | | | | | | | 27.2 | 17.9 | | |
| PM25b | 523581 | 185671 | 42.4 | 26.4 | 23.2 | 21.0 | | | | | | | | | 26.3 | 17.3 | | |
| PM25c | 523560 | 185395 | 45.1 | 27.2 | 24.7 | 22.0 | 13.6 | 12.9 | 16.1 | 14.5 | 17.7 | 17.3 | 24.1 | | 20.0 | 17.8 | | |
| PM26a | 522941 | 186263 | 45.9 | 30.1 | 23.3 | 19.6 | | | | | | | | | 27.6 | 18.2 | | |
| PM26b | 522563 | 186233 | 45.4 | 25.5 | 25.6 | 22.1 | 14.3 | 15.4 | 16.1 | 14.9 | 19.6 | 18.4 | 24.0 | | 20.5 | 18.3 | | |
| PM29a | 517896 | 186958 | 47.3 | 27.4 | 19.0 | 19.7 | | | | | | | | | 25.8 | 17.0 | | |
| PM29b | 518008 | 187311 | 43.0 | 27.1 | 19.5 | 18.6 | | | | | | | | | 24.9 | 16.4 | | |
| PM29c | 518280 | 187411 | 47.5 | 31.1 | 25.9 | 24.0 | | | | | | | | | 30.0 | 19.8 | | |
| PM32a | 519588 | 189311 | 47.4 | 29.1 | 20.9 | 19.9 | 12.6 | 15.0 | 7.2 | 14.1 | 19.6 | 18.0 | 24.4 | | 19.4 | 17.2 | | |
| PM32b | 519432 | 188972 | | 28.4 | 21.1 | 18.4 | 10.6 | 13.2 | 7.2 | 14.2 | 20.1 | 16.1 | 27.0 | | 17.6 | 15.6 | | |
| PM32c | 519268 | 188982 | 43.7 | | 22.9 | | 11.0 | 13.8 | 7.1 | | 17.8 | 14.9 | 26.8 | | 17.7 | 17.8 | | |
| SZ231 | 520211 | 188478 | 42.7 | 26.9 | | | 10.2 | 10.0 | 6.1 | 12.4 | 17.5 | 15.1 | | | 16.0 | 16.3 | | |
| PM22A | 523854 | 185249 | 40.2 | 28.7 | 25.3 | 22.9 | | | | | | | | | 27.8 | 18.3 | | |
| PM22B | 523770 | 185086 | 1.0 | | 23.4 | 21.2 | | | | | | | | | 18.0 | 16.1 | | |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PM22E | 523846 | 184875 | 45.1 | 27.0 | 21.9 | 20.0 | | | | | | | | | 26.2 | 17.3 | | |
| PM22C | 524333 | 184827 | 48.4 | 27.1 | 22.3 | 21.2 | | | | | | | | | 27.1 | 17.8 | | |
| PM22D | 524486 | 184877 | 57.4 | 32.2 | 30.5 | 30.3 | 21.5 | 28.7 | | 0.5 | 32.0 | 25.8 | 31.6 | | 27.0 | 24.0 | | |
| PM23B | 522970 | 184812 | 46.0 | 30.8 | 23.6 | 22.6 | | | | | | | | | 28.7 | 18.9 | | |
| PM23A | 522708 | 184973 | 44.0 | 30.3 | | 25.9 | | | | | | | | | 31.2 | 27.8 | | |
| PM14b | 521049 | 183874 | 61.5 | 39.2 | 32.2 | 32.7 | 24.8 | 27.4 | 29.7 | 27.6 | 28.2 | 26.0 | 34.5 | | 31.4 | 28.0 | | |
| PM14C | 521401 | 183542 | 48.3 | 29.8 | 21.7 | 22.3 | 12.2 | 14.0 | | 15.1 | 17.8 | 17.2 | 27.4 | | 20.9 | 18.6 | | |
| PM14D | 521321 | 183478 | 50.2 | 29.5 | 25.8 | 22.3 | 12.1 | 15.3 | 17.4 | 14.1 | 19.1 | 14.9 | 27.7 | | 20.9 | 18.6 | | |
| PM14A | 520763 | 183700 | 48.2 | 28.6 | 24.1 | 22.1 | 13.6 | 16.1 | 16.5 | 18.0 | 19.6 | 18.5 | 30.0 | | 21.7 | 19.3 | | |
| PM28B | 518367 | 185872 | 38.8 | 27.3 | 22.0 | 19.2 | | | | | | | | | 25.2 | 16.6 | | |
| PM28C | 518172 | 186004 | 43.6 | 30.4 | 23.4 | 18.9 | 10.7 | 15.1 | 16.1 | 16.1 | 19.2 | | 27.7 | | 20.8 | 18.5 | | |
| PM28E | 517952 | 185913 | 43.5 | 27.5 | 21.8 | 19.7 | | | | | | | | | 26.0 | 17.1 | | |
| PM28D | 518076 | 185421 | 47.2 | 26.7 | 23.0 | 21.6 | | | | | | | | | 27.1 | 17.8 | | |
| PM36A | 518590 | 185172 | 54.5 | 31.5 | 33.0 | 25.8 | | | | | | | | | 33.5 | 22.1 | | |
| PM36B | 519200 | 184899 | 51.5 | 31.7 | 25.7 | 24.1 | 18.6 | 21.0 | 21.9 | 16.3 | 23.0 | 24.5 | 30.7 | | 24.8 | 22.1 | | |
| PM28A | 517811 | 186252 | 61.1 | 36.2 | 33.4 | 33.7 | | | | | | | | | 38.1 | 25.1 | | |

☒ **All erroneous data has been removed from the $NO_2$ diffusion tube dataset presented in Table U.**

☒ **Annualisation has been conducted where data capture is <75% and >25% in line with LLAQM.TG19.**

☒ **Local bias adjustment factor used**

☒ **National bias adjustment factor used.**

☒ **Where applicable, data has been distance corrected for relevant exposure in the final column.**

☒**London Borough of Brent confirm that all 2025 diffusion tube data has been uploaded to the Diffusion Tube Data Entry System).**

**Notes:**

Exceedances of the $NO_2$ annual mean objective of 40µg $m^{-3}$ are shown in **bold**.

$NO_2$ annual means exceeding 60µg $m^{-3}$, indicating a potential exceedance of the $NO_2$ 1-hour mean objective are shown in **bold and underlined**.
See Appendix C for details on bias adjustment and annualisation.

Please note monitoring data for December are not available for this reporting period.

## Appendix C Summary of Breathe London Sensor Monitoring Data

Table V presents the Breathe London sensor locations for 2025.

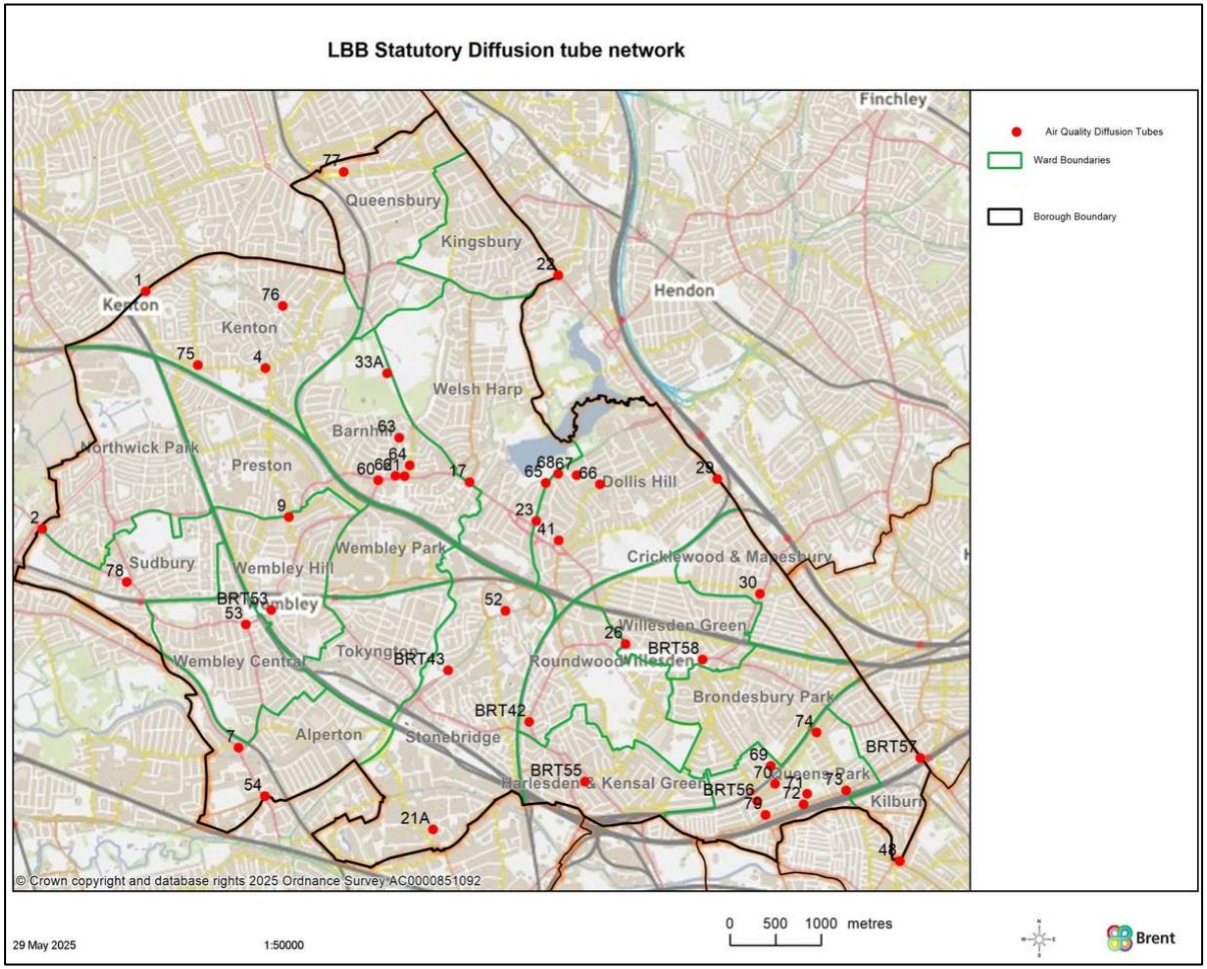
**Table Q- Details of Breathe London Sensor Sites**

| Site ID | Site Name | Site Type | X OS Grid Ref (Easting) | Y OS Grid Ref (Northing) | Pollutants Monitored | In AQMA? | Which AQMA? (1) | Distance to Relevant Exposure (m) (1,2) | Distance to kerb of nearest road (m) (1) | Height (m) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1357 | Brent Ikea | Roadside | - 0.258089 | 51.55247 | $NO_2$, $PM_{2.5}$ | YES | Borough wide | 2.5 | 5 | 3 |
| 14515 | Mount Stewart Avenue, Mount Stewart Junior School | Roadside | - 0.303588 | 51.57794 2 | $NO_2$, $PM_{2.5}$ | YES | Borough wide | 25 | 0.5 | 3.5 |
| 14691 | Wembley Triangle | Roadside | -0.287017 | 51.55361 3 | $NO_2$, $PM_{2.5}$ | YES | Borough wide | 25 | 1.5 | 2.4 |

Monitoring data is not included within this report but can be accessed via the Breathe London website.

# Appendix D Map(s) of Monitoring Locations and AQMAs

## Figure A. Map of Non-Automatic Monitoring Site(s)



## Figure B. Map of Automatic Monitoring Site(s)