Annual Progress Report (APR)

2026 Air Quality Annual Progress Report (APR) for Glasgow City Council

In fulfilment of Part IV of the Environment Act 1995, as amended by the Environment Act 2021

Local Air Quality Management

August 2026

Glasgow City Council

Information	Glasgow City Council
Local Authority Officer	Dom Callaghan
Department	Neighbourhoods, Regeneration and Sustainability
Address	231 George Street, Glasgow G1 1RX
Telephone	0141 287 6628
E-mail	sustainability@glasgow.gov.uk
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Executive Summary: Air Quality in Our Area

Air Quality in Glasgow

The Annual Progress Report has been undertaken to fulfil Glasgow City Council's duty to annually review and assess air quality. The report provides the latest monitoring results and discusses the implications for air quality management in Glasgow.

The main pollutants of concern in Glasgow are nitrogen dioxide (NO_2) and particulate matter (PM_{10} and $PM_{2.5)}$), related to road traffic emissions.

Results from automatic monitoring stations in 2025 show full compliance with the relevant objectives for all pollutants for the fourth consecutive year, continuing the significant improvements observed from the introduction of the Glasgow Low Emission Zone.

For the second consecutive year since the Local Air Quality Management process was established under Part IV of the Environment Act 1995, all diffusion tube monitoring results for NO_2 were within the annual mean objective level.

Levels of NO_2 recorded at 16 monitoring locations were below the highly ambitious World Health Organisation guideline values, viewed as a long-term ambition for Glasgow City Council.

No hourly mean levels of NO_2 above 200ug/m^3 were recorded at any of the monitoring stations in 2025, continuing the long-term trend of compliance with this objective.

Levels of PM_{10} recorded across the city in 2025 were satisfactory with both the daily mean and annual mean objectives being met at all monitoring locations. This continued the trend of compliance in respect of this pollutant which has been observed for several years. It should be noted that the Scottish objective for this pollutant is set at just under half that of the UK and EU limits. Levels of PM_{10} recorded at all stations in 2025 were also below the guideline values set by the World Health Organisation.

The $PM_{2.5}$ annual mean objective of 10µg/m^3 was not exceeded at any monitoring location in Glasgow during 2025.

Actions to Improve Air Quality

In response to the implementation of the AQMA's in the city, Glasgow City Council produced Air Quality Action Plans (AQAP) in 2004 and 2009 introducing a range of measures aimed at reducing pollution in the city. The AQAP was an evolving project with several measures such as vehicle idling enforcement, vehicle emission testing and initiatives towards cleaner vehicles included in the original plans with progress and reporting ongoing. Other measures, such as the city car club and electric vehicle charging infrastructure, were included later and continue to be actioned.

A new AQAP was introduced in April 2024. This was produced in consideration of the recommendations from Environmental Standards Scotland's report on their investigation into air quality, using updated guidance and templates arising from this.

Glasgow Low Emission Zone

The Scottish Programme for Government announced in 2017 that there would be Low Emission Zones (LEZ's) in 4 cities in Scotland. Glasgow City Council introduced Scotland's first LEZ in an area broadly equivalent to the city centre AQMA at the end of 2018.

The LEZ has been introduced in two phases, with the first phase targeting improvements in emissions arising from scheduled bus journeys through the city centre. From December 2018 the LEZ required that 20% of bus journeys through the city centre meet the Euro VI emission standard. This target was increased by 20% each year, until 100% of buses were compliant by end of December 2022.

Public and stakeholder consultation on possible LEZ phase 2 options took place in February and March of 2020. The results of this were used, along with extensive option modelling, to identify the preferred LEZ scheme for non-bus traffic.

The second phase of the LEZ received Ministerial approval and came into effect on 31 May 2022. This began a statutory one-year grace period before general enforcement began on 1 June 2023. A further year grace period for vehicles registered to residential properties within the zone means enforcement for these vehicles began on 1 June 2024.

The Glasgow LEZ applies to all vehicle types with the exception of motorcycles and mopeds.

The objectives of the Glasgow Low Emission Zone are as follows:

- Improve public health of residents of and visitors to, the City of Glasgow by contributing towards meeting the air quality objectives prescribed under section 87(1) of the Environment Act 1999.
- Contribute towards the emissions reduction targets set out in Part 1 of the Climate Change (Scotland) Act 2009 through the promotion of low and zero emissions vehicles and the promotion of public and sustainable transport options.
- Improve the amenity of Glasgow through the promotion of the Glasgow City Council Strategic Themes of A Vibrant City, A Healthier City and a Sustainable and Low Carbon City.

Link to Glasgow's LEZ.

https://www.glasgow.gov.uk/LEZ

Enforcement of phase 2 of the Glasgow LEZ began on 1 June 2023. The 2025 APR included reporting on monitored pollution levels during 2024, the first full calendar year in which the LEZ was actively enforced. This report further considers the impact of the Glasgow LEZ in 2025 as enforcement continues and matures.

LEZ Community Support Fund

The LEZ Community Support Fund was designed to maximise the environmental, health, social and community benefits of the LEZ and allow for funding to be provided to groups and organisations which can deliver complementary projects across the city.

Early in 2025, Glasgow City Council distributed around £620,000 of LEZ revenues to community led climate action activity that aligns with the main objectives of the LEZ. Successful projects included those which promoted sustainable transport actions, green space and amenity improvements, air quality education and promotion activities and circular economy activities. An additional £111,000 was distributed early in 2026.

Glasgow's Climate Plan

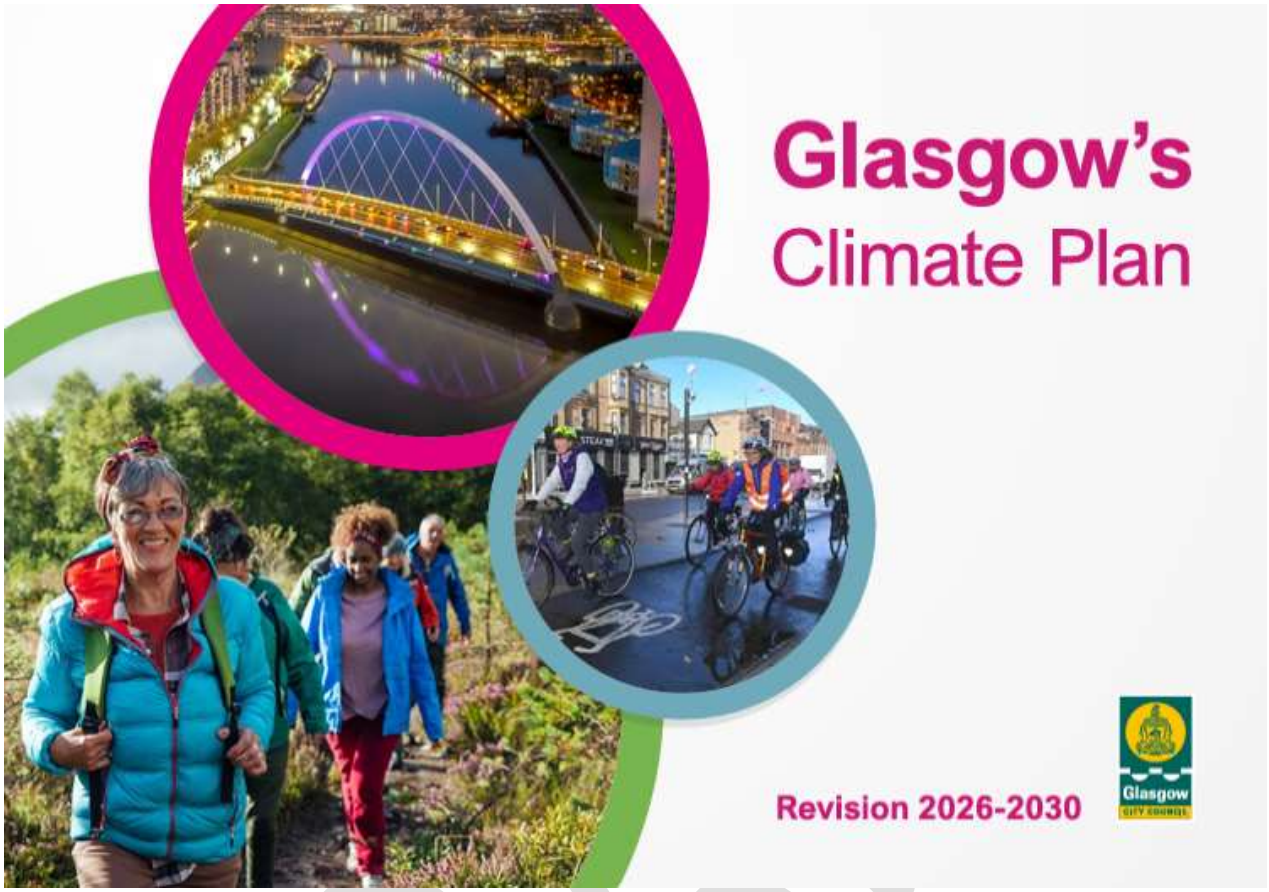
In 2019, Glasgow City Council set up a Climate Emergency Working Group, subsequently declaring a Climate Emergency in the city. In response to this, Glasgow's Climate Plan was published in 2021.

Much progress has been made since then and a review was prompted by a wide range of factors that includes accelerating climate change, national policy development, funding and the availability of new technology. Much of this review was undertaken within the reporting year of 2025 and fed into a revised Climate Plan (published May 2026) designed to build climate change resilience and drive the city towards the 2030 net zero target.

Many of the actions to move to a low carbon city have co-benefits for air quality pollutants, particularly as the relative contribution of road transport to emissions of LAQM pollutants reduces and contributions from other sources become more significant.

Link to Glasgow's Climate Plan

https://www.glasgow.gov.uk/article/2389/Glasgow-s-Climate-Plan



Glasgow Transport Strategy

The Glasgow Transport Strategy is a new local transport strategy which is city-wide and provides a framework for investment and decision-making on transport issues up to 2030. Part 1 of the Glasgow Transport Strategy, a Policy Framework, has been produced and approved by the Council. Part 2, a Spatial Delivery Framework, was approved and adopted by the Council on 8 February 2024.

Link to Glasgow's transport Strategy

https://www.glasgow.gov.uk/transportstrategy

One of the Glasgow Transport Strategy goals is to "contribute to a successful and just transition to a net-zero carbon, clean and sustainable city." The Delivery Focus Areas and Monitoring Update report provides information on the transport and mobility workstreams

across the city, all of which aim to deliver the outcomes and vision set out in the Glasgow Transport Strategy (GTS).

Link to 2025 monitoring update report

Delivery Focus Areas and Monitoring Update report

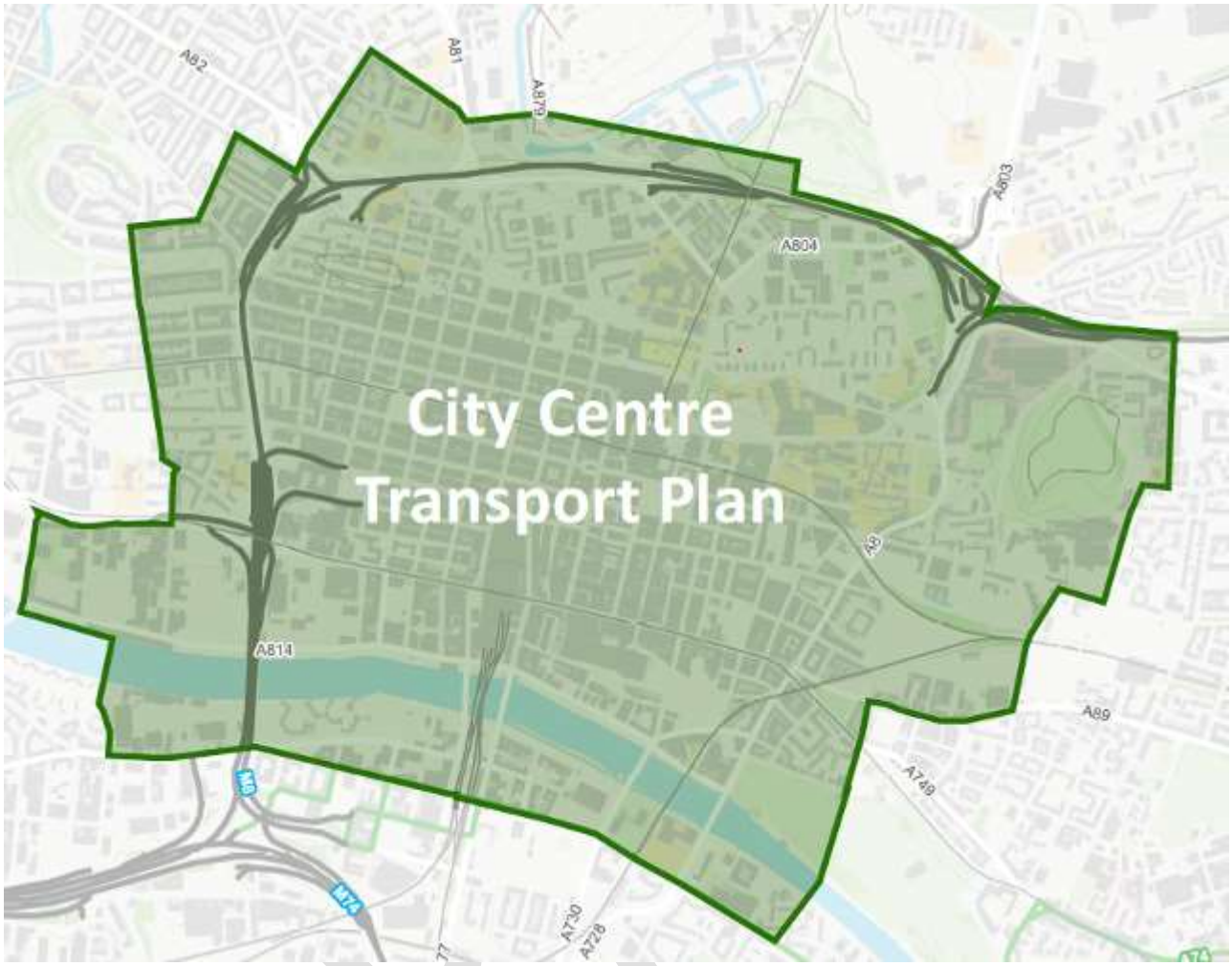
There are other separate but related transport strategies, all of which complement the LEZ – the Active Travel Strategy, Liveable Neighbourhoods Plan and City Centre Transformation Plan.

City Centre Transport Plan

The City Centre Transport Plan (CCTP) is particularly aligned with the development of the LEZ, given the overlap with the aims of the CCTP and the geographical area covered by the plan. Key aims of the CCTP which have the potential to improve air quality include:

- Re-allocate road space in Glasgow City Centre for active travel and green infrastructure;
- Deliver improved public transport and support/encourage a shift to more sustainable modes, particularly walking, cycling and public transport;
- Improve access for the mobility impaired;
- Achieve a 30-40% reduction in peak-hour private car traffic in Glasgow City Centre by 2030;
- Deliver improvements for servicing (e.g. goods, deliveries and waste collection) to improve the vitality of Glasgow City Centre;
- Support a doubling of Glasgow City Centre's population by 2035

The CCTP area includes the entirety of the City Centre AQMA and the Glasgow Low Emission Zone.



Link to the City Centre Transport Plan

https://www.glasgow.gov.uk/city-centre-transport-plan

People First Zone

The People First Zone (PFZ) proposals for the city centre will prioritise people over motor vehicles, employing the principle that it should be simpler and easier to move around the city centre on foot than by private motor vehicle.

This project is in early development and two city centre streets, Queen Street and Ingram Street, have been selected to explore the use of an experimental Traffic Regulation Order (TRO) to restrict motor vehicle movements and extend footways.

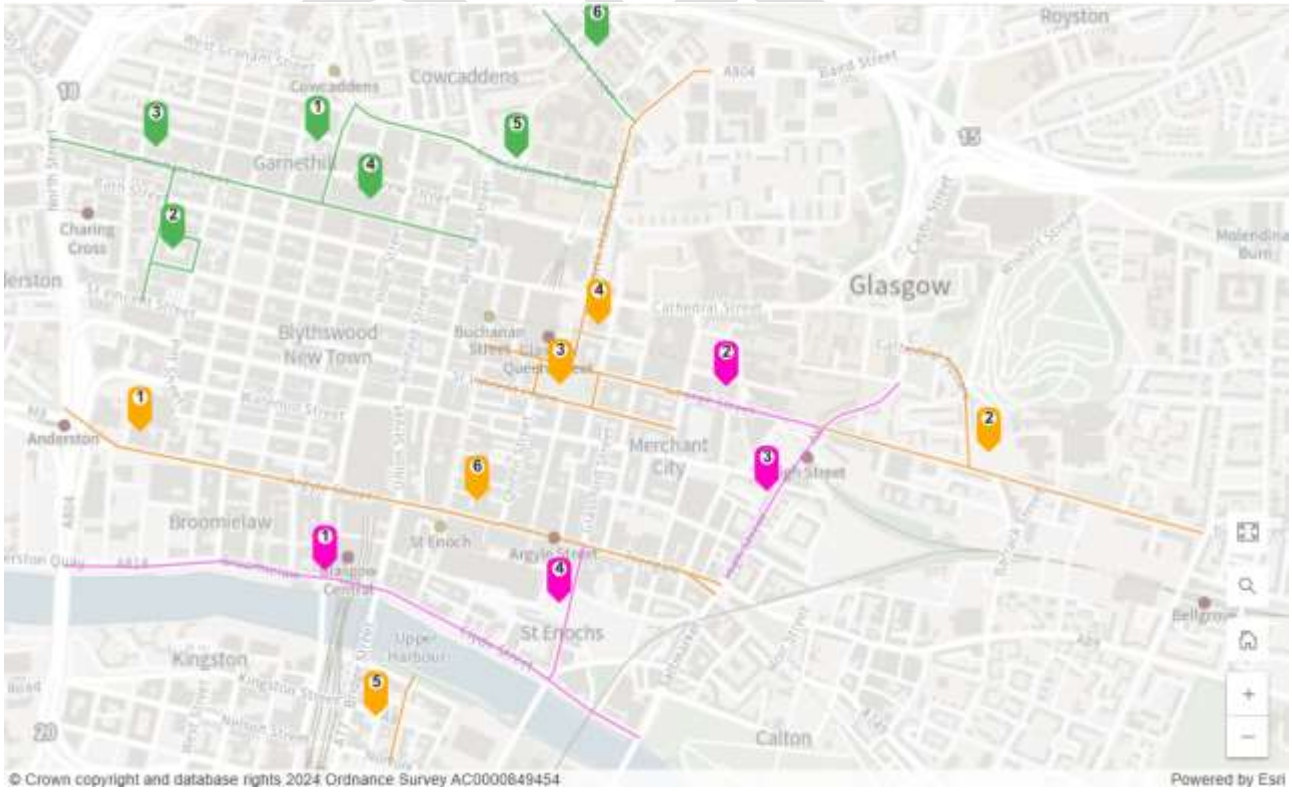
Link to People First Zone website.

https://storymaps.arcgis.com/stories/8548de849c10413abbae00cbd3326431

The Avenues

The Avenues programme aims to make Glasgow more popular, vibrant and attractive for investment by developing a city centre where more people spend time, trade and live. The project covers locations across Glasgow city centre and its fringes, creating a network of continuous pedestrian and cycle routes designed with people at the heart.

Six Avenues projects, Cambridge Street Holland Street/Pitt Street, Sauchiehall Street Pilot, Sauchiehall Precinct, Cowcaddens Road and Dobbies Loan are now complete. Construction work is progressing on-site for the North Hanover Street/Kyle Street, South Portland Street, Duke Street/John Knox Street, Argyle Street West and George Square projects.



Link to the Avenues project

https://www.glasgow.gov.uk/article/11803/The-Avenues

Active Travel Strategy

The Council adopted Glasgow's Active Travel Strategy 2022-2031 at the City Administration Committee on 24th February 2022.

A key output from the Active Travel Strategy is the development of the City Network, which will provide around 270km of accessible, safe, coherent and direct active travel routes across Glasgow. The City Network will connect key amenities and drivers of travel such as education, business, retail and culture. The Final Delivery Plan for the City Network sets out the phasing of key sections of the network, including the Inner North and Inner South networks as part of Phase 1.

Delivery of the City Network is ongoing and the following sections are in development: Connecting Woodside; Connecting Battlefield; Connecting Yorkhill and Kelvingrove; North East Active Travel Routes (NEATR); Flourishing Molendinar; Yorkhill to Anderston Liveable Neighbourhood; Byres Road; and Duke Street. Further sections which are currently in design are: Inner North; Inner South; NCN7 (Castlebank Street and South Street); East City Way; Saracen Street; and Connecting Greater Govan.

Local Priorities and Challenges

Glasgow's Low Emission Zone (LEZ) is an intervention directed at protecting and improving public health. While the concept was first introduced in the 2009 Action Plan it is also now part of a broader approach to enhancing the amenity and attractiveness of the city centre through providing cleaner air.

The priorities for 2025 / 2026 includes the continuing and enhanced enforcement of the LEZ with ongoing communications and engagement to increase compliance rates.

Other priorities include:

- Progress actions within the 2024 Air Quality Action Plan
- Continue with the implementation of actions within updated Glasgow Climate Plan with a focus on those actions with local air quality co-benefits.
- Continue to develop the Glasgow Transport Strategy and its related parts, the City Centre Transport Plan, the Liveable Neighbourhoods Plan and the Active Travel Strategy.

How to Get Involved

Information relating to the LEZ, Local Air Quality Management (LAQM) and AQMA's in Glasgow is available via the Glasgow City Council website. This information includes Air Quality Action Plans, Progress Reports and Detailed Assessments.

Link to LAQM website

https://www.glasgow.gov.uk/index.aspx?articleid=18863

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1 Local Air Quality Management

This report provides an overview of air quality in Glasgow during 2025. It fulfils the requirements of Local Air Quality Management (LAQM) as set out in Part IV of the Environment Act (1995), as amended by the Environment Act (2021), and the relevant Policy and Technical Guidance documents.

The LAQM process places an obligation on all local authorities to regularly review and assess air quality in their areas, and to determine whether or not the air quality objectives are likely to be achieved. Where an exceedance is considered likely the local authority must declare an Air Quality Management Area (AQMA) and prepare an Air Quality Action Plan (AQAP) setting out the measures it intends to put in place in pursuit of the objectives. This Annual Progress Report (APR) summarises the work being undertaken by Glasgow City Council to improve air quality and any progress that has been made.

Table 1.1 – Summary of Air Quality Objectives in Scotland

Pollutant	Air Quality Objective Concentration	Air Quality Objective Measured as	Date to be Achieved by
Nitrogen dioxide (NO_2)	200 µg/m^3 not to be exceeded more than 18 times a year	1-hour mean	31.12.2005
Nitrogen dioxide (NO_2)	40 µg/m^3	Annual mean	31.12.2005
Particulate Matter (PM_{10})	50 µg/m^3, not to be exceeded more than 7 times a year	24-hour mean	31.12.2010
Particulate Matter (PM_{10})	18 µg/m^3	Annual mean	31.12.2010
Particulate Matter ($PM_{2.5}$)	10 µg/m^3	Annual mean	31.12.2021
Sulphur dioxide (SO_2)	350 µg/m^3, not to be exceeded more than 24 times a year	1-hour mean	31.12.2004
Sulphur dioxide (SO_2)	125 µg/m^3, not to be exceeded more than 3 times a year	24-hour mean	31.12.2004
Sulphur dioxide (SO_2)	266 µg/m^3, not to be exceeded more than 35 times a year	15-minute mean	31.12.2005
Benzene	3.25 µg/m^3	Running annual mean	31.12.2010

Pollutant	Air Quality Objective Concentration	Air Quality Objective Measured as	Date to be Achieved by
1,3 Butadiene	2.25 µg/m^3	Running annual mean	31.12.2003
Carbon Monoxide	10.0 mg/m^3	Running 8-Hour mean	31.12.2003

2 Actions to Improve Air Quality

2.1 Air Quality Management Areas

Air Quality Management Areas (AQMAs) are declared when there is an exceedance or likely exceedance of an air quality objective. After declaration, the authority must prepare publish and implement an Air Quality Action Plan (AQAP) within the shortest possible time and no later than 12 months of the date of AQMA Designation Order. The AQAP must set out measures the local authority intends to put in place in pursuit of the objectives within the shortest possible time Measures should be provided with milestones and a final date for completion. The action plan itself should have a timescale for completion and for revocation of the AQMA. Where measures to reduce air pollution may require a longer timescale an action plan shall be reviewed and republished within five years of initial publication and then five-yearly thereafter.

A summary of AQMAs declared by Glasgow City Council can be found in Table 2.1 . Further information related to declared or revoked AQMAs, including maps of AQMA boundaries are available online at https://www.glasgow.gov.uk/localairqualitymanagement

Table 2.1 – Declared Air Quality Management Areas

AQMA Name	Pollutants and Air Quality Objectives	City / Town	Description	Action Plan
City Centre AQMA	NO_2 annual mean PM_{10} annual mean NO_2 hourly mean	Glasgow	The city centre AQMA is loosely bound by the M8 motorway to the west and north (with slight protrusions at North Street and Royston Road), by High Street and Saltmarket to the east and by the river Clyde to the south. This area was declared	Glasgow City Council Air Quality Action Plan 2024

AQMA Name	Pollutants and Air Quality Objectives	City / Town	Description	Action Plan
			an AQMA in 2004 in respect of the annual mean NO_2 Objective. In 2007 the area covered by this AQMA was extended and declared in respect of the annual mean PM_{10} Objective. In 2012 a further extension of the AQMA was declared and the order amended in respect of the hourly mean NO_2 Objective.	

2.2 Implementation of Air Quality Action Plan(s) and/or measures to address air quality

In order to ensure that local authorities implement the measures within an action plan by the timescales stated within that plan, the Scottish Government expects authorities to submit updates on progress through the APR process. Glasgow City Council has taken forward a number of measures within the action plan during the current reporting year of 2025 in pursuit of improving local air quality and meeting the air quality objectives within the shortest possible time. Details of all measures completed, in progress or planned are set out in **Table 2.2**. More detail on these measures can be found in the Air Quality Action Plan relating to the AQMA.

Key completed measures for this reporting year are:

- Continued enforcement of the Glasgow LEZ.

- Completion of the review of air quality monitoring locations and introduction of new locations into routine monitoring.
- Establishment of a pilot example school for the promotion of good air quality and travel practices. The pilot project was funded by the LEZ Community Support Fund and provided promotion, advice and practical interventions at three schools within the city. The project benefits and options to continue such activities will be considered.

Progress on the following measure has been slower than expected due to:

- Conduct a pilot project to install a combined solar PV, battery storage and EV charging facility open to public use. Whilst PV equipment and battery have been procured, refurbishment of the installation location and contractual arrangements have been delayed. Completion of this project is now expected in 2027.

Glasgow City Council expects the following measures to be completed over the course of the next reporting year:

- Continue to implement and enforce the Glasgow LEZ.
- Provide an update on the Local Heat and Energy Efficiency Strategy
- Work with the Scottish Government on the review of air quality objectives.

Table 2.2 – Progress on Measures to Improve Air Quality

Measure No.	Measure	Category	Expected/Actual Completion year	Organisations Involved	Measure Status	Funding Status	Key Milestones	Progress	Barriers to implementation
1	Continue to implement the Low Emission Zone and Mitigation Measures	Promoting Low Emission Transport	Ongoing (enforcement phase)	GCC Transport Scotland SEPA	In progress	Fully funded for development and implementation phases Operational phase funded from revenue	June 2023 – implement LEZ for all vehicle types. June 2024 – resident grace period and sector specific exemptions end. Statutory annual reporting	Full implementation of the LEZ following expiry of resident exemption. 2025 marks the second full year of LEZ enforcement.	Technical and legal barriers.
2	Support the development and implementation of the Glasgow Transport Strategy (GTS) and associated City Centre Transport Plan (CCTP) and People First Zone (PFZ)	Transport Planning and Infrastructure	2030	GCC	In progress	Annual or ongoing funding required	To be determined within delivery plan and delivery framework.	Link to update report - Delivery Focus Areas and Monitoring Update report 2025	N/A
3	Undertake a comprehensive review of air quality monitoring in Glasgow with a focus around schools, hospitals and care homes	Public information	2025	GCC	Completed	N/A	Complete review finalised	Partial addition of new monitoring locations undertaken for start of 2025 monitoring year	Staff resources

								Additional suitable locations added for start of 2026 monitoring year.	
4	Implement the Council's Fleet Strategy	Promoting Low Emission Transport	2030	GCC	In progress	Part funded	As detailed in Fleet Strategy	Continued fleet renewal / replacement investment.	Funding
5	Conduct a pilot project to install a combined solar PV, battery storage and EV charging facility open to public use.	Promoting Low Emission Transport	2027	GCC	In progress	Part funded	Procurement of equipment and installation Identification of alternative location	Installation location agreed. Contractual arrangements / installation schedule TBC.	Contractual / procurement issues
6	Transition the fleet of private hire vehicles to zero emission vehicles	Promoting Low Emission Transport	2030	GCC	In progress	N/A	Annual proportion of zero emission private hire vehicles	Increased numbers of zero emission vehicles registered	Uptake and mechanism for promotion
7	Develop new Staff Travel Plan for GCC employees	Promoting Travel Alternatives	2024	GCC	Complete	N/A	Staff travel survey completed Actions arising	Completed Actions arising may be incorporated into AQAP	N/A
8	Support hybrid and remote working	Promoting Travel Alternatives	Ongoing	GCC	In progress	N/A	N/A	Established hybrid working schedule for suitable staff Enhanced hybrid meeting facilities	N/A

9	Establish a pilot example school for the promotion of good air quality and travel practices.	Promoting Travel Alternatives	2025	GCC	Completed	LEZ Community Support Fund	Funded pilot completed 2025	LEZ funded a pilot study at three schools.	N/A
10	Vehicle Idling Awareness and Enforcement	Traffic Management	Ongoing	GCC	In progress	Scottish Government funded	N/A	No longer funded by SG. Vehicle Idling Stats 2025 Number of patrols – 137 Drivers spoken to – 966 FPN'S Issued – 0 New guidance issued by SG. ESS improvement report recommends review of PCN level. GCC will continue to support this to improve effectiveness of enforcement.	Restricted enforcement options.
11	Emission based parking permits	Traffic Management	2025	GCC	Completed	N/A	Implementation	Implemented	N/A

12	Implement city wide 20mph speed limit	Traffic Management	Phased introduction	GCC	In progress	N/A	Completion of area based phases	Phased rollout begun with phase 1. Details of the proposed phasing can be found at https://www.glasgow.gov.uk/article/8943/Citywide-20mph-Speed-Limits	N/A
13	Support the expansion of Glasgow's active travel network and supporting infrastructure through the Active Travel Strategy including promoting behavioural change to encourage modal shift to sustainable transport options	Transport Planning and Infrastructure	2031	GCC / Scottish Government / Sustrans	In progress	Annual or ongoing funding required	Annual targets for number of key locations connected to city network (schools, healthcare centres etc.) to inform City Network delivery.	Delivery of the City Network is ongoing and the following sections were in development in 2025: Connecting Woodside; Connecting Battlefield; Connecting Yorkhill and Kelvingrove; North East Active Travel Routes (NEATR); Flourishing Molendinar; Yorkhill to Anderston Liveable Neighbourhood; Byres Road; and Duke Street. Further sections which	Funding

								are currently in design are: Inner North; Inner South; NCN7 (Castlebank Street and South Street); East City Way; Saracen Street; and Connecting Greater Govan.	
14	Public Cycle Hire Scheme	Transport Planning and Infrastructure	Ongoing	GCC / Voi	In progress	GCC / SG funded	Explore potential for expansion of the cycle hire scheme, including provision of e-bikes and charging infrastructure.	New cycle hire scheme / operator implemented in September 2025. New scheme provides: • Expansion of the scheme up to 150 locations • Brand new all electric bikes • A minimum of 1000 bikes available 24hrs a day	N/A
15	Support for Glasgow Car Club	Alternatives to Private Vehicle Use	Ongoing	GCC / Co Wheels	In progress	Not funded	Dependent on future requirements	The city car club has 4,355 active members in Glasgow There are currently 68 vehicles available to hire	N/A

								across 49 locations, including some new locations established in Q1 of 2025 in offstreet surface car parks. Zonal parking permits for the car club have been introduced in some areas in 2025 and further opportunities are being explored	
16	Continue to support and expand the Eco Stars Fleet Recognition Scheme	Vehicle Fleet Efficiency	Ongoing	GCC / TRL	In progress	GCC / SG funded	Annual increase in membership and fleet numbers	Despite reduced funding membership and vehicles increased	N/A
17	Revoke Byres Rd / Dumbarton Rd AQMA	Public information	2024	GCC	Completed	N/A	Revocation completed	Revocation completed in November 2024	N/A
18	Develop an appropriate model to successfully deliver the Local Heat and Energy Efficiency Strategy (LHEES)	N/A	2024 – LHEES adopted Implementation ongoing	GCC	In progress	Funded	N/A	Feasibility studies into (i) the heat supplies available (ii) the profile of heat demand and (iii) the commercial viability of heat	Funding and commercial uptake

								networks in those areas	
19	Aligning Planning and Air Quality Guidance and Placemaking Targets outlined in CAFS 2 Ensuring air quality is a material consideration in developments compatible with National Planning Framework (NPF) 4 and that air quality is included in any revisions to the City Development Plan	Policy Guidance and Control	Ongoing	GCC	Ongoing	N/A	N/A	Ongoing input into planning and review of applications	N/A
20	Explore pathways towards the achievement of World Health Organisation (WHO) guideline values, including interim guidelines, and liaise with the Scottish Government in relation to potential changes to the statutory	Policy Guidance and Control	Ongoing	GCC / Scottish Government	Ongoing	N/A	Pathway to be identified by SG	GCC input into discussions with SG on lower objective levels GCC have adopted the WHO guidelines and interim guidelines as a long term aspiration for the city.	Legislative

	Scottish objectives.								
21	Support the Council Tree Plan and pursue planting at locations where additional trees have the potential to maximise air quality co-benefits.	N/A	Ongoing	GCC	Ongoing	Part funded	Annual reporting on new tree planting, particularly within AQMA	LEZ funding used for city centre tree planting and development of “Trees for Streets” scheme	N/A

3 Air Quality Monitoring Data and Comparison with Air Quality Objectives

3.1 Summary of Monitoring Undertaken

3.1.1 Automatic Monitoring Sites

This section sets out what monitoring has taken place and how local concentrations of the main air pollutants compare with the objectives.

Glasgow City Council undertook automatic (continuous) monitoring at 11 sites during 2025. Table A.1 in Appendix A shows the details of the sites. National monitoring results are available at http://www.scottishairquality.scot/

Maps showing the location of the monitoring sites are provided in Appendix E. Further details on how the monitors are calibrated and how the data has been adjusted are included in Appendix C.

3.1.2 Non-Automatic Monitoring Sites

Glasgow City Council undertook non- automatic (passive) monitoring of NO_2 at 121 sites during 2025. Table A.2 in Appendix A shows the details of the sites.

Maps showing the location of the monitoring sites are provided in Appendix E. Further details on Quality Assurance/Quality Control (QA/QC) and bias adjustment for the diffusion tubes are included in Appendix C.

3.1.3 Other Monitoring Activities

There were no other monitoring activities undertaken during 2025.

3.2 Individual Pollutants

The air quality monitoring results presented in this section are, where relevant, adjusted for annualisation and bias. Further details on adjustments are provided in Appendix C.

3.2.1 Nitrogen Dioxide (NO_2)

Table A.3 in Appendix A compares the ratified monitored NO_2 annual mean concentrations for the past five years with the air quality objective of 40 µg/m^3 at automatic monitoring sites.

Table A.4 in Appendix A compares the adjusted monitored NO_2 annual mean concentrations for the past five years with the air quality objective of 40 µg/m^3 at non automatic monitoring sites.

For diffusion tubes, the full 2025 dataset of monthly mean values is provided in Appendix B.

Table A.5 in Appendix A compares the ratified continuous monitored NO_2 hourly mean concentrations for the past five years with the air quality objective of 200 µg/m^3, not to be exceeded more than 18 times per year.

During 2025, Glasgow City Council measured concentrations of NO_2 below the annual mean objective at all automatic monitoring stations in the city, including those within the City Centre Air Quality Management Area (AQMA). This was the fourth consecutive year in which levels of NO_2 at the automatic monitoring stations were within the objective. The compliance at the Glasgow Kerbside station has improved to record an annual mean of more than 10% below the objective, reducing to 34.8 ug/m^3.

Figure E.4 in Appendix E shows the trend in annual average NO_2 concentrations at selected automatic monitoring stations since 2019.

Diffusion tube monitoring in 2025 was the second consecutive year to record all monitoring locations within the annual mean objective, continuing the significant reduction in NO_2 levels since the enforcement of the Glasgow LEZ. The average reduction within the city centre was 20.3% from 2022 (pre-LEZ enforcement) levels. Table D.1 in Appendix D shows annual mean NO_2 levels recorded by diffusion tube between 2021 and 2025.

Changes in NO_2 levels recorded by diffusion tube between 2024 and 2025 were mixed, with some sites recording a small decrease and others recording a small increase. The

significant reductions observed in 2023 and 2024 as the LEZ was introduced and then enforced for the first full reporting year were not expected to continue to the same extent as the emission reductions became business as usual.

The hourly mean objective for this pollutant is set at 200ug/m^3 with 18 hours above this level permitted before an exceedance is considered to have been made. No hourly mean levels above 200ug/m^3 were recorded at any of the automatic monitoring stations in 2024. Further, no diffusion tubes recorded annual mean levels above 60ug/m^3, indicating that exceedances of the hourly mean objective at these locations was unlikely.

3.2.2 Particulate Matter (PM_{10})

Table A.6 in Appendix A compares the ratified and adjusted monitored PM_{10} annual mean concentrations for the past five years with the air quality objective of 18 µg/m^3.

Table A.7 in Appendix A compares the ratified continuous monitored PM_{10} daily mean concentrations for the past five years with the air quality objective of 50 µg/m^3, not to be exceeded more than seven times per year.

Levels of PM_{10} recorded across the city in 2025 were satisfactory with both the daily mean and annual mean objectives being met at all monitoring locations. This continued the trend of compliance in respect of this pollutant which has been observed for several years.

3.2.3 Particulate Matter ($PM_{2.5}$)

Table A.8 in Appendix A compares the ratified and adjusted monitored $PM_{2.5}$ annual mean concentrations for the past five years with the air quality objective of 10 µg/m^3.

This objective was not exceeded at any monitoring location in Glasgow during 2025. This continued the trend of compliance in respect of this pollutant which has been observed for several years.

3.2.4 Sulphur Dioxide (SO_2)

Sulphur dioxide monitoring has been discontinued in Glasgow following a long period of compliance with the relevant Objectives.

3.2.5 Carbon Monoxide, Lead and 1,3-Butadiene

Monitoring of these pollutants has been discontinued in Glasgow following a long period of compliance with the relevant Objectives.

4 New Local Developments

4.1 Road Traffic Sources

Road traffic levels on surrounding roads are likely to be affected by the continuing works on the Woodside Viaduct part of the M8 motorway, with increases expected due to periods where diversions are in place. Whilst not expected to lead to new exceedances of the air quality objectives, monitoring will continue on applicable routes to verify this. Diversions in this area have also had an impact on the operation of the Glasgow LEZ, with periods of LEZ enforcement being suspended due to non-compliant vehicles being diverted into the LEZ.

4.2 Other Transport Sources

No significant new transport sources have been identified which require consideration in this report.

4.3 Commercial and Domestic Sources

No significant new commercial and domestic sources have been identified which require consideration in this report.

4.5 New Developments with Fugitive or Uncontrolled Sources

No significant new developments with fugitive or uncontrolled sources have been identified which require consideration in this report.

5 Planning Applications

There have been several planning applications for residential and commercial developments within the last year which required air quality assessments due to the introduction of new receptors or increased emissions due to additional vehicle movements. No assessments resulted in predictions of significant adverse impacts on air quality.

6 Glasgow Low Emission Zone

Enforcement of the Glasgow LEZ began on 1st June 2023 following the mandatory one-year grace period after formal introduction of the zone on 31st May 2022. Therefore, the 2025 APR, reporting on monitoring conducted in 2024, is the second to report on post-LEZ air quality levels across a full calendar year.

The LEZ was enforced for the full 2025 reporting period. Following the initial positive results from 2023, further significant reductions in the monitored levels of NO_2 were recorded across the city and particularly within the area of the LEZ in 2024. Changes in NO_2 levels recorded by diffusion tube between 2024 and 2025 were mixed, with some sites recording a small decrease and others recording a small increase. The significant reductions observed in 2023 and 2024 as the LEZ was introduced and then enforced for the first full reporting year were not expected to continue to the same extent as the emission reductions became business as usual.

Table D.1 in Appendix D shows results from the city centre monitoring using NO_2 diffusion tubes and the percentage reduction observed. Comparing 2025 with 2022, the last full year before the introduction of the Glasgow LEZ, shows locations within the zone have observed an average reduction in annual mean NO_2 of 20.3%.

In 2025, air pollution monitoring conducted within the city met all applicable statutory objectives. This is the second consecutive year in which full compliance has been recorded since the Local Air Quality Management process was established under Part IV of the Environment Act 1995.

The level of compliance with the annual mean NO_2 objective in 2025 is of note. The Hope St automatic station, at a kerbside location and consistently the station which records the highest NO_2 levels within Scotland, is now recording levels more than 10% below the objective. City centre diffusion tubes, which in 2023 recorded levels above the objective at two locations, remain below the objective.

Changes in NO_2 levels recorded by diffusion tube between 2024 and 2025 were mixed, with some sites recording a small decrease and others recording a small increase. The significant reductions observed in 2023 and 2024 as the LEZ was introduced and then enforced for the first full reporting year were not expected to continue to the same extent as the emission reductions became business as usual.

The Gordon St diffusion tube observed a significant rise between 2024 and 2025, whilst remaining below the objective. Analysis of traffic information in the area does not provide an obvious reason for this rise and this location will be further monitored to observe whether this increase continues.

7 Conclusions and Proposed Actions

7.1 Conclusions from New Monitoring Data

Results from automatic monitoring stations in 2025 show full compliance with the relevant objectives for all pollutants for the fourth consecutive year, continuing the significant improvements observed from the introduction of the Glasgow Low Emission Zone.

For the second consecutive year since the Local Air Quality Management process was established under Part IV of the Environment Act 1995, all diffusion tube monitoring of NO_2 was within the annual mean objective level.

Levels of NO_2 recorded at 16 monitoring locations were below the highly ambitious World Health Organisation guideline values, viewed as a long-term ambition for Glasgow City Council.

No hourly mean levels of NO_2 above 200ug/m^3 were recorded at any of the monitoring stations in 2025, continuing the long-term trend of compliance with this objective.

Levels of PM_{10} recorded across the city in 2025 were satisfactory with both the daily mean and annual mean objectives being met at all monitoring locations. This continued the trend of compliance in respect of this pollutant which has been observed for several years. It should be noted that the Scottish objective for this pollutant is set at just under half that of the UK and EU limits. Levels of PM_{10} recorded at all stations in 2025 were also below the guideline values set by the World Health Organisation.

The $PM_{2.5}$ annual mean objective of 10µg/m^3 was not exceeded at any monitoring location in Glasgow during 2025.

6.2 Conclusions relating to New Local Developments

Ongoing remedial work on the Woodside Viaduct part of the M8 motorway, expected to continue through until 2026, has the potential to increase road traffic emissions through the use of periodic diversions. Whilst not expected to lead to new exceedances of the air quality objectives, monitoring will continue on applicable routes to verify this. There were no other new developments considered likely to affect air quality.

6.3 Proposed Actions

Following the formal introduction of phase 2 of the LEZ on 31 May 2022 and general enforcement beginning on 1st June 2023, Glasgow City Council will continue to work with partners in the Scottish Government, Transport Scotland and the Scottish Environment Protection Agency to implement and evaluate the operation and effectiveness of the LEZ. The monitoring results from 2025 in relation to the second full year of operation of the LEZ have been considered in this report and the further modelling assessments, undertaken by SEPA, have been published on the Glasgow LEZ website at SEPA LEZ Performance Report.

The 2024 Air Quality Action Plan has been officially adopted and the measures included considered within this report. The AQAP measures will be progressed with the aim of completing within the five year lifespan of the plan and revoking the City Centre AQMA, the last active AQMA in the city.

Glasgow City Council will continue to monitor levels of air pollution to ensure the full compliance with statutory objectives recorded in 2024 and 2025 continues. Once confidence in this has been achieved, GCC will move to revoke the last remaining AQMA in the city.

The next Air Quality Progress Report will be produced and submitted in 2026.

Appendix A: Monitoring Results

Table A.1 – Details of Automatic Monitoring Sites

Site ID	Site Name	Site Type	X OS Grid Ref	Y OS Grid Ref	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)
GLA4	Glasgow Kerbside	Kerbside	258708	665200	NO_2 PM_{10} $PM_{2.5}$	YES	City Centre AQMA	Chemiluminescent FIDAS	0	1	3
GLKP	Glasgow Townhead	Urban Background	259675	665900	NO_2 PM10 PM2.5 O3	YES	City Centre AQMA	Chemiluminescent FIDAS UV Photometric	0	120	3
GGWR	Glasgow Great Western Road	Roadside	258007	666649	NO_2	No	N/A	Chemiluminescent	0	5	2
GHSR	Glasgow High Street	Roadside	260013	665346	NO_2 PM10 PM2.5	YES	City Centre AQMA	Chemiluminescent FIDAS	0	3	3
GLA5	Glasgow Anderston	Urban Background	257925	665487	NO_2 PM10 PM2.5	No	N/A	Chemiluminescent FIDAS	0	40	3
GLA6	Glasgow Byres Road	Roadside	256526	666933	NO_2 PM10 PM2.5	No	N/A	Chemiluminescent FIDAS	0	3	3

Glasgow City Council

Site ID	Site Name	Site Type	X OS Grid Ref	Y OS Grid Ref	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)
GL9	Glasgow Dumbarton Road	Roadside	255030	666608	NO_2 PM10 PM2.5	No	N/A	Chemiluminescent FIDAS	0	3	2
GL2	Glasgow Nithsdale Road	Roadside	257883	662673	NO_2 PM10 PM2.5	No	N/A	Chemiluminescent FIDAS	0	3	2
GLA7	Glasgow Waulkmillglen Reservoir	Rural	252461	658154	NO_2 PM10 PM2.5 O3	No	N/A	Chemiluminescent FIDAS UV Photometric	N/A	N/A	3
GL3	Glasgow Broomhill	Roadside	255030	667195	PM10 PM2.5	No	N/A	FIDAS	0	3	2
GL6	Glasgow Burgher Street	Roadside	262550	664164	NO_2 PM10 PM2.5	No	N/A	Chemiluminescent FIDAS	0	3	2

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 A.2 – Details of Non-Automatic Monitoring Sites

Site ID	Site Name	Site Type	X OS Grid Ref	Y OS Grid Ref	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) (1)	Distance to kerb of nearest road (m) (2)	Tube co-located with a Continuous Analyser?	Tube Height (m)
CC01	George Square	Urban Background	259296	665389	NO_2	City Centre	N/A	30.0	No	3.0
CC02	Union Street	Roadside	258828	665204	NO_2	City Centre	0.0	3.0	No	3.0
CC03	Bath Street	Roadside	258374	665826	NO_2	City Centre	3.0	3.0	No	2.5
CC04	Glassford Street	Roadside	259361	665252	NO_2	City Centre	0.0	3.0	No	2.5
CC05	Buchanan Street	Roadside	259055	665468	NO_2	City Centre	0.0	3.0	No	2.5
CC06	Castle Street	Roadside	260068	665589	NO_2	City Centre	0.0	3.0	No	2.5
CC07	Hope Street 3	Kerbside	258856	665940	NO_2	City Centre	N/A	1.0	No	2.5
CC08	Montrose Street	Roadside	259536	665313	NO_2	City Centre	0.0	3.0	No	2.5

Site ID	Site Name	Site Type	X OS Grid Ref	Y OS Grid Ref	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) (1)	Distance to kerb of nearest road (m) (2)	Tube co-located with a Continuous Analyser?	Tube Height (m)
CC09	Cochrane Street	Roadside	259430	665316	NO_2	City Centre	0.0	3.0	No	2.5
CC10	Renfield Street	Roadside	258896	665637	NO_2	City Centre	0.0	3.0	No	2.5
CC11	George Street	Kerbside	259551	665380	NO_2	City Centre	N/A	1.0	No	2.5
CC12	North Street	Roadside	257906	665675	NO_2	City Centre	N/A	3.0	No	2.5
CC13	Hope Street 1	Roadside	258730	665322	NO_2	City Centre	0.0	3.0	No	3.0
CC14	Gordon Street	Roadside	258756	665346	NO_2	City Centre	0.0	3.0	No	3.0
CC15	Heilanmans Umbrella North	Roadside	258770	665120	NO_2	City Centre	0.0	3.0	No	3.0

Site ID	Site Name	Site Type	X OS Grid Ref	Y OS Grid Ref	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) (1)	Distance to kerb of nearest road (m) (2)	Tube co-located with a Continuous Analyser?	Tube Height (m)
CC16	Saltmarket	Roadside	259545	664739	NO_2	City Centre	0.0	3.0	No	2.5
CC17	High Street	Roadside	259732	664991	NO_2	City Centre	0.0	3.0	No	2.5
CC18	Dobbies Loan	Urban Background	259415	666194	NO_2	City Centre	0.0	3.0	No	2.5
CC20	Dundasvale Street	Urban Background	258820	666306	NO_2	City Centre	0.0	15.0	No	2.5
CC21	Royston Road	Roadside	260429	666264	NO_2	City Centre	5.0	3.0	No	2.5
CC22	St Mungo Avenue	Urban Background	259392	665866	NO_2	City Centre	0.0	5.0	No	2.5
CC23	Brown Street	Roadside	258336	665122	NO_2	City Centre	0.0	3.0	No	2.5

Site ID	Site Name	Site Type	X OS Grid Ref	Y OS Grid Ref	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) (1)	Distance to kerb of nearest road (m) (2)	Tube co-located with a Continuous Analyser?	Tube Height (m)
CC24	Broomielaw	Roadside	258562	664933	NO_2	City Centre	N/A	3.0	No	2.5
CC25	McLeod Street	Urban Background	260077	665481	NO_2	City Centre	0.0	8.0	No	2.5
CC26	Sauchiehall Street	Urban Background	258639	665852	NO_2	City Centre	N/A	N/A	No	3.0
CC28	St Mungo's PS	Roadside	259983	665834	NO_2	City Centre	10.0	1.0	No	2.5
CC29	Garnetbank PS	Roadside	258240	666033	NO_2	City Centre	5.0	1.0	No	2.5
GE01	Westmuir Street	Roadside	262589	664139	NO_2	No	0.0	3.0	No	2.5
GE02	Hillcrest Road	Roadside	265075	662001	NO_2	No	5.0	3.0	No	2.5

Site ID	Site Name	Site Type	X OS Grid Ref	Y OS Grid Ref	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) (1)	Distance to kerb of nearest road (m) (2)	Tube co-located with a Continuous Analyser?	Tube Height (m)
GE03	Main Street (Bridgeton)	Roadside	260650	663319	NO_2	No	0.0	5.0	No	2.5
GE04	Westercraigs	Urban Background	260942	665226	NO_2	No	0.0	15.0	No	2.5
GE06	Sacone SW	Urban Background	263920	664569	NO_2	No	0.0	15.0	No	2.5
GE07	Easterhouse	Roadside	267005	666217	NO_2	No	0.0	5.0	No	2.5
GE10	Tollcross Park	Roadside	263864	663544	NO_2	No	0.0	3.0	No	2.5
GE14	St Michaels Lane	Roadside	262472	664214	NO_2	No	0.0	3.0	No	2.5
GE16	Ellismuir Road	Roadside	268413	663872	NO_2	No	9.0	1.0	No	2.5

Site ID	Site Name	Site Type	X OS Grid Ref	Y OS Grid Ref	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) (1)	Distance to kerb of nearest road (m) (2)	Tube co-located with a Continuous Analyser?	Tube Height (m)
GE17	Carmyle Avenue	Roadside	264792	662418	NO_2	No	0.0	7.0	No	2.5
GE18	Barrowfield Street	Roadside	261705	663993	NO_2	No	3.0	1.0	No	2.5
GE19	Dalmarnock Station	Roadside	261013	663169	NO_2	No	N/A	1.0	No	2.5
GN01	Springburn Road	Roadside	260541	669268	NO_2	No	0.0	6.0	No	2.5
GN02	Kippen Street	Urban Background	259731	668488	NO_2	No	5.0	3.0	No	2.5
GN03	Ryeside Road	Roadside	261778	668122	NO_2	No	10.0	1.0	No	2.5
GS02	Bridge Street	Roadside	258702	664480	NO_2	No	3.0	3.0	No	2.5

Site ID	Site Name	Site Type	X OS Grid Ref	Y OS Grid Ref	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) (1)	Distance to kerb of nearest road (m) (2)	Tube co-located with a Continuous Analyser?	Tube Height (m)
GS04	Haggs Road	Roadside	256295	661792	NO_2	No	0.0	3.0	No	2.5
GS06	Oxford Street	Roadside	258798	664570	NO_2	No	0.0	3.0	No	2.5
GS07	Dougrie Road	Roadside	260203	659128	NO_2	No	N/A	3.0	No	2.5
GS08	Aikenhead Road	Roadside	259225	662579	NO_2	No	0.0	6.0	No	2.5
GS09	Langside Primary School	Roadside	257138	661617	NO_2	No	5.0	3.0	No	3.0
GS10	Paisley Road West	Roadside	255599	664313	NO_2	No	0.0	3.0	No	2.5
GS11	Sutherland Avenue	Urban Background	256343	663153	NO_2	No	10.0	5.0	No	2.5

Site ID	Site Name	Site Type	X OS Grid Ref	Y OS Grid Ref	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) (1)	Distance to kerb of nearest road (m) (2)	Tube co-located with a Continuous Analyser?	Tube Height (m)
GS12	Mallaig Place	Urban Background	253989	665298	NO_2	No	20.0	6.0	No	2.5
GS13	Govanhill Street	Roadside	258678	662901	NO_2	No	3.0	3.0	No	3.0
GS14	Invergarrie Road	Urban Background	253821	658590	NO_2	No	5.0	3.0	No	2.5
GS16	Silverburn	Roadside	253047	661349	NO_2	No	0.0	5.0	No	2.5
GS18	Paisley Rd West 2	Roadside	257415	664616	NO_2	No	0.0	3.0	No	2.5
GS19	Hampden	Urban Background	259038	661285	NO_2	No	0.0	3.0	No	2.5
GS20	45 Clifford Street	Roadside	256262	664308	NO_2	No	0.0	3.0	No	2.5

Site ID	Site Name	Site Type	X OS Grid Ref	Y OS Grid Ref	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) (1)	Distance to kerb of nearest road (m) (2)	Tube co-located with a Continuous Analyser?	Tube Height (m)
GS21	608 Scotland Street West	Roadside	256948	664270	NO_2	No	0.0	1.0	No	2.5
GS22	17 Kilbride Street	Roadside	259732	663032	NO_2	No	0.0	3.0	No	2.5
GS23	2 Myrtle Drive	Roadside	259246	661979	NO_2	No	0.0	3.0	No	2.5
GS24	183 Crossloan Road	Roadside	254724	665407	NO_2	No	0.0	3.0	No	2.5
GS25	234 Berryknowes Road	Urban Background	253542	664443	NO_2	No	0.0	15.0	No	2.5
GS27	Battlefield Road	Roadside	258084	661642	NO_2	No	0.0	3.0	No	2.5
GS28	128 Mennock Road	Roadside	259871	660618	NO_2	No	0.0	3.0	No	2.5

Site ID	Site Name	Site Type	X OS Grid Ref	Y OS Grid Ref	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) (1)	Distance to kerb of nearest road (m) (2)	Tube co-located with a Continuous Analyser?	Tube Height (m)
GS30	Govan Road	Roadside	254021	665943	NO_2	No	0.0	2.0	No	3.0
GS31	Govan Road (Hospital)	Roadside	253865	666006	NO_2	No	2.0	2.0	No	2.5
GS34	1220 Govan Road	Roadside	254372	665902	NO_2	No	0.0	2.0	No	3.0
GS35	Shieldhall Road	Roadside	253554	665176	NO_2	No	0.0	3.0	No	2.5
GS36	Wallace Street	Roadside	258108	664514	NO_2	No	0.0	3.0	No	2.5
GS37	Dumbreck Road	Roadside	255477	663644	NO_2	No	7.0	1.0	No	2.5
GS45	Ben Glas Place	Urban Background	253609	659958	NO_2	No	5.0	1.0	No	2.5

Site ID	Site Name	Site Type	X OS Grid Ref	Y OS Grid Ref	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) (1)	Distance to kerb of nearest road (m) (2)	Tube co-located with a Continuous Analyser?	Tube Height (m)
GS46	Kirriemuir Avenue	Roadside	253471	663587	NO_2	No	20.0	1.0	No	2.5
GS47	1214 Paisley Road West	Roadside	254818	664109	NO_2	No	10.0	1.0	No	2.5
GW01	Dumbarton Road	Roadside	256209	666525	NO_2	No	3.0	3.0	No	2.5
GW02	Lawrence Street	Roadside	256295	666816	NO_2	No	5.0	2.0	No	3.0
GW04	Finnieston Street	Roadside	257235	665108	NO_2	No	N/A	3.0	No	2.5
GW06	Napiershall Street	Roadside	257790	666791	NO_2	No	0.0	4.0	No	2.5
GW07	Queen Margaret Drive 2	Roadside	257216	667639	NO_2	No	0.0	3.0	No	3.0

Site ID	Site Name	Site Type	X OS Grid Ref	Y OS Grid Ref	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) (1)	Distance to kerb of nearest road (m) (2)	Tube co-located with a Continuous Analyser?	Tube Height (m)
GW08	Queen Margaret Drive 3	Roadside	257012	667433	NO_2	No	0.0	3.0	No	3.0
GW09	Anniesland Cross	Roadside	254613	668886	NO_2	No	0.0	15.0	No	2.5
GW10	Balshagray Avenue	Roadside	254498	667291	NO_2	No	0.0	10.0	No	2.5
GW11	Thornwood Drive	Roadside	254903	666855	NO_2	No	0.0	3.0	No	2.5
GW12	Belmont Street	Roadside	257533	667418	NO_2	No	N/A	3.0	No	2.5
GW13	Glasgow Harbour	Urban Background	255287	666276	NO_2	No	0.0	30.0	No	3.0
GW14	Crow Road	Roadside	254640	668203	NO_2	No	0.0	3.0	No	2.5

Site ID	Site Name	Site Type	X OS Grid Ref	Y OS Grid Ref	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) (1)	Distance to kerb of nearest road (m) (2)	Tube co-located with a Continuous Analyser?	Tube Height (m)
GW15	Hyndland Road	Roadside	255764	667297	NO_2	No	0.0	4.0	No	2.5
GW16	Park Road	Roadside	257555	666896	NO_2	No	0.0	3.0	No	2.5
GW18	Maryhill Road	Roadside	257243	668285	NO_2	No	0.0	3.0	No	3.0
GW19	Scotstoun	Urban Background	253592	667771	NO_2	No	0.0	10.0	No	2.5
GW21	Milner Road	Roadside	254456	668108	NO_2	No	0.0	3.0	No	2.5
GW22	Gibson Street	Roadside	257166	666787	NO_2	No	0.0	2.0	No	2.5
GW26	Great Western Road	Roadside	257255	667112	NO_2	No	0.0	3.0	No	2.5

Site ID	Site Name	Site Type	X OS Grid Ref	Y OS Grid Ref	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) (1)	Distance to kerb of nearest road (m) (2)	Tube co-located with a Continuous Analyser?	Tube Height (m)
GW30	South Street	Roadside	253193	667219	NO_2	No	0.0	2.0	No	2.5
GW33	Great George Street	Roadside	256663	667100	NO_2	No	0.0	3.0	No	2.5
GW34	Blairdardie Road	Roadside	253080	670199	NO_2	No	8.0	1.0	No	2.5
GW35	Cadder Road	Roadside	257373	669164	NO_2	No	10.0	1.0	No	2.5
GW36	New City Road	Urban Background	258309	666457	NO_2	No	N/A	1.0	No	2.5
GW37	676 Dumbarton Road	Roadside	254946	666612	NO_2	No	0.0	1.0	No	2.5
GW39	Primrose Court	Roadside	252993	667615	NO_2	No	0.0	13.0	No	2.5

Site ID	Site Name	Site Type	X OS Grid Ref	Y OS Grid Ref	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) (1)	Distance to kerb of nearest road (m) (2)	Tube co-located with a Continuous Analyser?	Tube Height (m)
GW40	Harland Street	Roadside	253139	667333	NO_2	No	2.0	3.0	No	2.5
GW41	Partick Bus Station	Roadside	255692	667338	NO_2	No	0.0	2.0	No	2.5
GS48	180 Prospecthill Rd	Roadside	258547	661714	NO_2	No	0.0	2.0	No	2.5
GS49	92 Calder St	Roadside	258320	662824	NO_2	No	0.0	3.0	No	2.5
GS50	186 Rosshall Academy	Roadside	252065	663544	NO_2	No	0.0	2.0	No	2.5
GE20	375 Cumbernauld Rd	Roadside	262110	665472	NO_2	No	0.0	2.0	No	2.5
GW42	158 Curle St	Roadside	253804	666897	NO_2	No	0.0	2.0	No	2.5

Site ID	Site Name	Site Type	X OS Grid Ref	Y OS Grid Ref	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) (1)	Distance to kerb of nearest road (m) (2)	Tube co-located with a Continuous Analyser?	Tube Height (m)
GS51	Mount Florida Primary	Urban Background	258709	661317	NO_2	No	0.0	10.0	No	2.5
GS52	Glendale Primary	Roadside	257822	663713	NO_2	No	10.0	3.0	No	2.5
GE22	989 Cumbernauld Rd	Roadside	263145	666346	NO_2	No	0.0	5.0	No	2.5
GE23	6 Maxwelton Rd	Roadside	263439	666750	NO_2	No	0.0	12.0	No	2.5
GS53	Devon St	Roadside	258589	663776	NO_2	No	0.0	8.0	No	2.5
CL1, CL2, CL3	Hope St AUN 3	Kerbside	258708	665200	NO_2	No	1.0	3.5	Yes	3.0
CL4, CL5, CL6	Byres Rd AUN 3	Roadside	256526	666933	NO_2	No	25.0	2.0	Yes	3.0

Site ID	Site Name	Site Type	X OS Grid Ref	Y OS Grid Ref	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) (1)	Distance to kerb of nearest road (m) (2)	Tube co-located with a Continuous Analyser?	Tube Height (m)
CL7, CL8, CL9	Townhead AUN 3	Urban Background	259675	665900	NO_2	No	7.0	40.0	Yes	3.0
CL10, CL11, CL12	High St AUN 3	Roadside	260013	665346	NO_2	No	8.0	6.0	Yes	3.0
CL13, CL14, CL15	GWR AUN 3	Roadside	258007	666649	NO_2	No	10.0	8.0	Yes	2.0
GW43	Church St	Roadside	256351	666538	NO_2	No	0.0	2.5	No	2.0
GS54	Peat Rd	Roadside	252751	660818	NO_2	No	0.0	2.5	No	2.5
GS55	Cuthbertson PS	Roadside	258260	663025	NO_2	No	0.0	3.0	No	2.5
GE24	375 Cumbernauld Rd	Roadside	262110	665472	NO_2	No	0.0	3.0	No	3.0

Site ID	Site Name	Site Type	X OS Grid Ref	Y OS Grid Ref	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) (1)	Distance to kerb of nearest road (m) (2)	Tube co-located with a Continuous Analyser?	Tube Height (m)
GS03	St Andrews Dr	Urban Background	256229	662587	NO_2	No	0.0	2.0	No	3.0

Notes:

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

(2) N/A if not applicable.

Table A.3 – 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 (%) (1)	Valid Data Capture 2025 (%) (2)	2021	2022	2023	2024	2025
GLA4	258708	665200	Kerbside	97.0	97.0	**45.1**	39.1	39.0	36.3	34.8
GLKP	259675	665900	Urban Background	95.1	95.1	18.0	16.8	15.6	14.5	14.5
GGWR	258007	666649	Roadside	99.2	99.2	21.6	19.8	18.2	17.9	18.2
GHSR	260013	665346	Roadside	98.9	98.9	23.2	20.9	18.4	17.1	16.6
GLA5	257925	665487	Urban Background	88.1	88.1	21.2	21.6	20.5	19.8	22.6
GLA6	256526	666933	Roadside	98.6	98.6	25.7	25.3	21.4	19.3	18.2
GL9	255030	666608	Roadside	92.6	92.6	29.1	24.4	20.2	20.1	20.7
GL2	257883	662673	Roadside	99.3	99.3	24.0	22.1	21.2	20.3	20.1
GLA7	252461	658154	Rural	97.0	97.0	7.5	10.8	7.0	5.9	6.1
GL6	262550	664164	Roadside	59.9	59.9	-	-	16.7	15.0	15.7

Notes:

Exceedances of the NO_2 annual mean objective of 40 µg/m^3 are shown in bold.

NO_2 annual means exceeding 60 µg/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" as per LAQM.TG22 if valid data capture for the full calendar year is less than 75%. See Appendix C for details.

(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%).

Table A.4 – Annual Mean NO_2 Monitoring Results: Non-Automatic Monitoring (µg/m^3)

Diffusion Tube ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) (1)	Valid Data Capture 2025 (%) (2)	2021	2022	2023	2024	2025
CC01	259296	665389	Urban Background	57.7	57.7	25.0	29.9	22.6	19.2	18.7
CC02	258828	665204	Roadside	75.0	75.0	37.5	38.4	31.4	24.3	25.1
CC03	258374	665826	Roadside	100.0	100.0	31.7	36.2	29.7	21.9	26.5
CC04	259361	665252	Roadside	100.0	100.0	28.6	34.3	30.7	23.0	28.4
CC05	259055	665468	Roadside	57.7	57.7	25.9	32.7	26.5	19.2	25.8
CC06	260068	665589	Roadside	90.4	90.4	24.3	27.5	22.2	16.0	17.7
CC07	258856	665940	Kerbside	75.0	75.0	35.2	40.4	35.1	29.3	23.8
CC08	259536	665313	Roadside	100.0	100.0	22.3	27.0	20.3	17.9	17.3
CC09	259430	665316	Roadside	75.0	75.0	28.6	29.9	22.9	20.8	19.0

Diffusion Tube ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) [1]	Valid Data Capture 2025 (%) [2]	2021	2022	2023	2024	2025
CC10	258896	665637	Roadside	82.7	82.7	33.1	38.6	30.3	25.0	27.3
CC11	259551	665380	Kerbside	100.0	100.0	24.6	29.7	24.7	18.3	17.6
CC12	257906	665675	Roadside	100.0	100.0	19.3	22.8	19.8	16.5	17.4
CC13	258730	665322	Roadside	84.6	84.6	43.5	44.9	39.0	29.2	31.8
CC14	258756	665346	Roadside	100.0	92.3	40.2	50.0	42.1	29.8	37.9
CC15	258770	665120	Roadside	100.0	100.0	35.6	42.3	40.9	25.2	26.2
CC16	259545	664739	Roadside	100.0	100.0	26.2	31.8	21.2	16.5	19.5
CC17	259732	664991	Roadside	100.0	100.0	25.3	34.8	25.7	20.2	22.1
CC18	259415	666194	Urban Background	90.4	90.4	21.8	23.6	17.9	16.4	16.1
CC20	258820	666306	Urban Background	67.3	67.3	24.0	24.5	20.6	17.0	16.0

Diffusion Tube ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) [1]	Valid Data Capture 2025 (%) [2]	2021	2022	2023	2024	2025
CC21	260429	666264	Roadside	90.4	90.4	23.8	28.8	21.5	18.9	16.5
CC22	259392	665866	Urban Background	100.0	100.0	21.0	23.7	19.6	14.8	17.9
CC23	258336	665122	Roadside	92.3	92.3	19.3	21.0	15.7	11.4	11.5
CC24	258562	664933	Roadside	100.0	100.0	31.8	36.2	26.7	25.6	24.6
CC25	260077	665481	Urban Background	92.3	92.3	22.1	29.3	20.7	15.8	18.2
CC26	258639	665852	Urban Background	100.0	100.0	23.8	28.5	23.4	25.9	23.6
CC28	259983	665834	Roadside	100.0	100.0	14.7	19.2	14.6	15.7	15.4
CC29	258240	666033	Roadside	84.6	84.6	21.6	23.1	18.2	18.8	18.1
GE01	262589	664139	Roadside	100.0	100.0	27.6	30.6	24.8	15.6	17.7
GE02	265075	662001	Roadside	90.4	90.4	12.7	13.8	12.2	9.8	9.0

Diffusion Tube ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) [1]	Valid Data Capture 2025 (%) [2]	2021	2022	2023	2024	2025
GE03	260650	663319	Roadside	100.0	100.0	16.0	19.7	15.6	13.3	11.5
GE04	260942	665226	Urban Background	100.0	100.0	18.0	16.3	11.6	10.1	10.9
GE06	263920	664569	Urban Background	100.0	100.0	15.1	15.6	11.9	9.0	9.6
GE07	267005	666217	Roadside	100.0	100.0	11.9	13.3	10.8	7.1	7.8
GE10	263864	663544	Roadside	100.0	100.0	11.2	12.1	11.0	11.6	10.6
GE14	262472	664214	Roadside	100.0	100.0	27.4	21.0	20.2	20.8	21.4
GE16	268413	663872	Roadside	100.0	100.0	13.0	12.4	10.4	10.1	10.0
GE17	264792	662418	Roadside	100.0	100.0	19.3	20.2	18.6	19.9	19.8
GE18	261705	663993	Roadside	100.0	100.0	14.7	15.5	9.8	11.8	14.1
GE19	261013	663169	Roadside	100.0	100.0	14.2	12.2	12.7	12.7	12.3

Diffusion Tube ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) [1]	Valid Data Capture 2025 (%) [2]	2021	2022	2023	2024	2025
GN01	260541	669268	Roadside	100.0	100.0	15.3	17.2	15.1	11.6	11.2
GN02	259731	668488	Urban Background	100.0	100.0	12.5	16.5	13.7	11.2	12.8
GN03	261778	668122	Roadside	100.0	100.0	13.7	13.4	9.7	8.8	9.6
GS02	258702	664480	Roadside	100.0	100.0	28.0	31.6	26.9	21.1	21.9
GS04	256295	661792	Roadside	100.0	100.0	19.5	21.0	18.3	15.6	17.1
GS06	258798	664570	Roadside	92.3	92.3	20.7	23.9	19.5	17.8	14.2
GS07	260203	659128	Roadside	100.0	100.0	15.1	13.7	11.8	10.7	9.6
GS08	259225	662579	Roadside	75.0	75.0	20.9	22.6	17.8	16.9	13.9
GS09	257138	661617	Roadside	100.0	100.0	11.5	14.1	11.6	9.6	9.6
GS10	255599	664313	Roadside	100.0	100.0	21.0	23.3	18.5	15.3	16.6

Diffusion Tube ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) [1]	Valid Data Capture 2025 (%) [2]	2021	2022	2023	2024	2025
GS11	256343	663153	Urban Background	100.0	100.0	11.5	11.3	9.0	8.3	8.2
GS12	253989	665298	Urban Background	100.0	100.0	14.2	14.2	12.9	11.1	10.4
GS13	258678	662901	Roadside	100.0	100.0	21.5	22.8	16.5	17.7	15.0
GS14	253821	658590	Urban Background	100.0	100.0	9.8	11.7	9.2	7.3	15.9
GS16	253047	661349	Roadside	100.0	100.0	14.0	12.2	10.3	8.5	9.5
GS18	257415	664616	Roadside	100.0	100.0	22.4	17.9	16.9	17.7	18.5
GS19	259038	661285	Urban Background	90.4	90.4	9.6	8.3	8.2	8.0	9.4
GS20	256262	664308	Roadside	100.0	100.0	18.9	18.7	20.0	17.8	24.5
GS21	256948	664270	Roadside	100.0	100.0	19.2	19.1	15.8	16.9	15.1
GS22	259732	663032	Roadside	100.0	100.0	15.1	15.5	13.6	14.1	13.0

Diffusion Tube ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) [1]	Valid Data Capture 2025 (%) [2]	2021	2022	2023	2024	2025
GS23	259246	661979	Roadside	100.0	100.0	9.7	11.5	12.2	9.8	9.4
GS24	254724	665407	Roadside	100.0	100.0	14.4	13.2	13.0	13.6	13.7
GS25	253542	664443	Urban Background	100.0	100.0	12.6	13.7	13.6	12.0	14.7
GS27	258084	661642	Roadside	100.0	100.0	18.9	17.1	15.7	14.9	16.0
GS28	259871	660618	Roadside	90.4	90.4	12.8	11.8	10.6	9.6	11.3
GS30	254021	665943	Roadside	100.0	100.0	18.7	19.0	14.8	17.9	17.4
GS31	253865	666006	Roadside	92.3	92.3	23.4	21.1	18.8	18.1	15.8
GS34	254372	665902	Roadside	92.3	92.3	14.9	15.8	13.9	15.9	14.5
GS35	253554	665176	Roadside	92.3	92.3	14.4	12.8	12.7	14.4	13.9
GS36	258108	664514	Roadside	75.0	75.0	24.3	25.9	22.8	24.8	24.9

Diffusion Tube ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) [1]	Valid Data Capture 2025 (%) [2]	2021	2022	2023	2024	2025
GS37	255477	663644	Roadside	100.0	100.0	15.5	15.6	14.4	15.4	14.3
GS45	253609	659958	Urban Background	100.0	100.0	11.2	8.8	8.4	8.3	8.8
GS46	253471	663587	Roadside	92.3	92.3	9.5	9.2	8.7	10.0	9.9
GS47	254818	664109	Roadside	100.0	100.0	15.4	15.6	13.9	14.6	13.8
GW01	256209	666525	Roadside	82.7	82.7	22.2	25.1	20.9	14.5	14.8
GW02	256295	666816	Roadside	92.3	92.3	17.8	19.8	15.9	12.4	10.0
GW04	257235	665108	Roadside	92.3	92.3	23.1	22.3	22.2	18.3	14.1
GW06	257790	666791	Roadside	82.7	82.7	19.8	22.9	21.4	18.3	21.0
GW07	257216	667639	Roadside	90.4	90.4	23.8	26.3	21.0	15.6	16.3
GW08	257012	667433	Roadside	100.0	100.0	24.7	29.8	22.7	19.0	16.6

Diffusion Tube ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) [1]	Valid Data Capture 2025 (%) [2]	2021	2022	2023	2024	2025
GW09	254613	668886	Roadside	100.0	100.0	22.4	21.3	16.8	14.0	14.6
GW10	254498	667291	Roadside	92.3	92.3	19.9	23.5	18.8	14.5	14.7
GW11	254903	666855	Roadside	100.0	100.0	13.2	16.6	12.1	10.4	9.2
GW12	257533	667418	Roadside	100.0	100.0	14.1	16.8	12.4	11.1	11.6
GW13	255287	666276	Urban Background	100.0	100.0	16.9	21.4	16.4	12.9	12.9
GW14	254640	668203	Roadside	100.0	100.0	20.9	21.8	19.6	18.1	17.9
GW15	255764	667297	Roadside	100.0	100.0	14.8	15.7	13.3	13.1	12.1
GW16	257555	666896	Roadside	92.3	92.3	19.3	17.7	16.1	16.0	18.3
GW18	257243	668285	Roadside	100.0	100.0	19.9	21.7	16.9	13.9	13.1
GW19	253592	667771	Urban Background	92.3	92.3	11.2	13.6	12.0	12.4	10.8

Diffusion Tube ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) [1]	Valid Data Capture 2025 (%) [2]	2021	2022	2023	2024	2025
GW21	254456	668108	Roadside	90.4	90.4	10.4	10.3	9.3	9.7	10.2
GW22	257166	666787	Roadside	100.0	100.0	17.0	19.9	15.5	14.8	15.2
GW26	257255	667112	Roadside	100.0	100.0	15.9	18.4	18.3	17.8	18.9
GW30	253193	667219	Roadside	100.0	100.0	18.1	17.7	15.3	15.1	14.3
GW33	256663	667100	Roadside	100.0	100.0	17.0	13.8	13.7	15.3	13.9
GW34	253080	670199	Roadside	100.0	100.0	9.7	9.9	8.1	9.5	8.3
GW35	257373	669164	Roadside	100.0	100.0	11.9	14.3	11.3	12.5	11.3
GW36	258309	666457	Urban Background	92.3	92.3	22.8	21.0	15.1	14.7	16.6
GW37	254946	666612	Roadside	100.0	100.0	32.0	28.2	27.6	24.1	26.8
GW39	252993	667615	Roadside	92.3	92.3	21.3	22.7	15.4	16.2	15.7

Diffusion Tube ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) [1]	Valid Data Capture 2025 (%) [2]	2021	2022	2023	2024	2025
GW40	253139	667333	Roadside	100.0	100.0	14.8	17.7	13.8	14.7	14.8
GW41	255692	667338	Roadside	100.0	100.0	16.5	18.6	15.7	14.2	14.7
GS48	258547	661714	Roadside	100.0	100.0	27.5	26.8	17.6	19.7	20.0
GS49	258320	662824	Roadside	92.3	92.3	31.8	26.9	21.8	19.3	19.8
GS50	252065	663544	Roadside	100.0	100.0	22.9	19.1	14.3	15.2	14.9
GE20	262110	665472	Roadside	100.0	100.0		21.7	14.9	12.4	14.4
GW42	253804	666897	Roadside	100.0	100.0		16.8	13.7	10.9	11.5
GS51	258709	661317	Urban Background	100.0	100.0		14.9	10.6	9.8	13.5
GS52	257822	663713	Roadside	100.0	100.0		21.0	14.4	10.9	14.7
GE22	263145	666346	Roadside	100.0	100.0			12.1	10.5	10.3

Diffusion Tube ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) [1]	Valid Data Capture 2025 (%) [2]	2021	2022	2023	2024	2025
GE23	263439	666750	Roadside	100.0	100.0			13.8	11.8	11.7
GS53	258589	663776	Roadside	100.0	100.0			18.4	19.9	20.2
CL1, CL2, CL3	258708	665200	Kerbside	100.0	100.0			41.2	29.1	32.1
CL4, CL5, CL6	256526	666933	Roadside	100.0	100.0			25.9	19.8	18.1
CL7, CL8, CL9	259675	665900	Urban Background	90.4	90.4			13.6	13.3	13.5
CL10, CL11, CL12	260013	665346	Roadside	100.0	100.0			15.7	16.6	17.5
CL13, CL14, CL15	258007	666649	Roadside	84.6	84.6			15.4	17.5	7.8
GW43	256351	666538	Roadside	100.0	100.0				16.6	14.9
GS54	252751	660818	Roadside	100.0	100.0				9.2	11.0
GS55	258260	663025	Roadside	75.0	75.0				11.8	15.5

Diffusion Tube ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) (1)	Valid Data Capture 2025 (%) (2)	2021	2022	2023	2024	2025
GE24	262110	665472	Roadside	100.0	100.0				12.4	14.4
GS03	256229	662587	Urban Background	100.0	100.0				11.1	11.0

☒ **Annualisation has been conducted where data capture is <75% and >25% in line with LAQM.TG22**

☒ **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:

Exceedances of the NO_2 annual mean objective of 40 µg/m^3 are shown in bold.

NO_2 annual means exceeding 60 µg/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" as per LAQM.TG(22) if valid data capture for the full calendar year is less than 75%. See Appendix C for details.

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

(4) 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%).

Table A.5 – 1-Hour Mean NO_2 Monitoring Results, 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 (%) (1)	Valid Data Capture 2025 (%) (2)	2021	2022	2023	2024	2025
GLA4	258708	665200	Kerbside	97.0	97.0	0	0	0(105)	0	0
GLKP	259675	665900	Urban Background	95.1	95.1	0	0	0	0	0
GGWR	258007	666649	Roadside	99.2	99.2	0	0	0	0	0
GHSR	260013	665346	Roadside	98.9	98.9	0	0	0	0	0
GLA5	257925	665487	Urban Background	88.1	88.1	0 (82)	0	0	0 (82)	0
GLA6	256526	666933	Roadside	98.6	98.6	0	0	0	0 (76)	0
GL9	255030	666608	Roadside	92.6	92.6	0	0	0	0	0
GL2	257883	662673	Roadside	99.3	99.3	-	0	0	0 (68)	0
GLA7	252461	658154	Rural	97.0	97.0	0	0	0 (56)	0 (42)	0
GL6	262550	664164	Roadside	59.9	59.9	-	-	0 (79)	0	0 (92)

Notes:

Exceedances of the NO_2 1-hour mean objective (200 µg/m^3 not to be exceeded more than 18 times/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.

(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%).

Table A.6 – Annual Mean PM_{10} 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 2025 (%) (2)	2021	2022	2023	2024	2025
GLA4	258708	665200	Kerbside	100	100	12.3	12.5	12.0	12.8	13.4
GLKP	259675	665900	Urban Background	99.9	99.9	9.2	10.3	9.0	9.3	10.9
GHSR	260013	665346	Roadside	95.0	95.0	10.3	10.9	9.6	10.0	11.0
GLA5	257925	665487	Urban Background	99.7	99.7	10.5	12.0	10.4	11.3	12.5
GLA6	256526	666933	Roadside	87.6	87.6	11.2	11.4	10.8	10.0	12.9
GL9	255030	666608	Roadside	80.0	80.0	12.0	12.9	11.5	10.3	11.7
GL2	257883	662673	Roadside	99.6	99.6	9.1	10.9	11.0	10.7	12.2
GLA7	252461	658154	Rural	97.9	97.9	7.0	8.2	8.8	8.0	8.4
GL3	255030	667195	Broomhill	98.3	98.3	9.8	10.6	10.2	10.8	11.2
GL6	262550	664164	Roadside	82.0	82.0	-	-	10.0	9.3	10.8

Notes:

Exceedances of the PM_{10} annual mean objective of 18 µg/m^3 are shown in bold.

All means have been “annualised” as per LAQM.TG(22), valid data capture for the full calendar year is less than 75%. See Appendix C for details.

(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%).

Table A.7 – 24-Hour Mean PM_{10} Monitoring Results, 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 (%) (1)	Valid Data Capture 2025 (%) (2)	2021	2022	2023	2024	2025
GLA4	258708	665200	Kerbside	100	100	0	2	0	0(30)	2
GLKP	259675	665900	Urban Background	99.9	99.9	0	2	0	0	0
GHSR	260013	665346	Roadside	95.0	95.0	0	1	0	0	0
GLA5	257925	665487	Urban Background	99.7	99.7	0	2	0	0	2
GLA6	256526	666933	Roadside	87.6	87.6	0	2(40)	0(23)	0(26)	1
GL9	255030	666608	Roadside	80.0	80.0	0(27)	2(45)	0	0(19)	0(27)
GL2	257883	662673	Roadside	99.6	99.6	0	0	0	0	1
GLA7	252461	658154	Rural	97.9	97.9	0	0	0	0	0
GL3	255030	667195	Broomhill	98.3	98.3	0	1	0	0	0
GL6	262550	664164	Roadside	82.0	82.0	-	-	0(18)	0(27)	0(26)

Notes:

Exceedances of the PM_{10} 24-hour mean objective (50 µg/m^3 not to be exceeded more than seven times/year) are shown in bold.

If the period of valid data is less than 85%, the 98.1st percentile of 24-hour means is provided in brackets.

(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%).

Table A.8 – Annual Mean $PM_{2.5}$ 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 2025 (%) (2)	2021	2022	2023	2024	2025
GLA4	258708	665200	Kerbside	100	100	6.9	6.7	6.5	7.2	7.5
GLKP	259675	665900	Urban Background	99.9	99.9	5.2	5.7	4.5	5.3	6.1
GHSR	260013	665346	Roadside	95.0	95.0	5.5	5.9	5.1	5.7	6.0
GLA5	257925	665487	Urban Background	99.7	99.7	5.8	6.6	5.8	6.4	7.0
GLA6	256526	666933	Roadside	87.6	87.6	6.0	6.4	6.0	5.9	6.8
GL9	255030	666608	Roadside	80.0	80.0	5.7	6.5	5.5	5.4	5.9
GL2	257883	662673	Roadside	99.6	99.6	5.3	6.3	6.2	6.4	7.2
GLA7	252461	658154	Rural	97.9	97.9	4.3	4.8	4.7	5.0	5.0
GL3	255030	667195	Broomhill	98.3	98.3	5.5	6.0	5.8	6.4	6.3
GL6	262550	664164	Roadside	82.0	82.0	-	-	5.7	5.5	6.1

Notes:

Exceedances of the $PM_{2.5}$ annual mean objective of 10 µg/m^3 are shown in bold.

All means have been “annualised” as per LAQM.TG(22), valid data capture for the full calendar year is less than 75%. See Appendix C for details.

(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%).

Appendix B: Full Monthly Diffusion Tube Results for 2025

Table B.1 – NO_2 2025 Monthly Diffusion Tube Results (µg/m^3)

DT ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean: Raw Data	Annual Mean: Annualised and Bias Adjusted (1.39)	Annual Mean: Distance Corrected to Nearest Exposure	Comment
CC01	259296	665389	19.0	21.6	15.6			10.4	8.3				18.3	12.5	15.1	18.7		
CC02	258828	665204	36.9			11.7	16.0	14.0	10.5	16.2	16.4	25.0		15.7	18.0	25.1		
CC03	258374	665826	21.4	21.9	16.2	17.3	12.2	8.4	7.2	13.1	29.8	24.9	24.9	31.0	19.0	26.5		
CC04	259361	665252	30.5	28.1	27.0	11.5	13.9	10.9	11.5	24.1	13.7	29.6	23.6	20.3	20.4	28.4		
CC05	259055	665468		19.7	17.2			14.1	10.2		17.7	23.5	22.5		17.8	25.8		
CC06	260068	665589	23.3	16.7	10.7	8.2		9.0	5.9	7.1	13.6	17.3	18.0	10.0	12.7	17.7		
CC07	258856	665940		18.5	18.2	14.0	13.5	17.5	13.9			22.2	19.3	16.8	17.1	23.8		
CC08	259536	665313	23.4	11.2	19.8	6.4	6.4	6.6	6.1	8.5	11.3	14.6	23.5	10.8	12.4	17.3		
CC09	259430	665316	23.2	12.5	23.1	8.0	7.6	8.0	7.9				19.1	13.0	13.6	19.0		
CC10	258896	665637	24.8	19.3	24.4	15.4	17.3	15.7	18.7		22.2		22.8	15.1	19.6	27.3		

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DT ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean: Raw Data	Annual Mean: Annualised and Bias Adjusted (1.39)	Annual Mean: Distance Corrected to Nearest Exposure	Comment
CC11	259551	665380	19.9	14.4	11.7	8.5	10.1	8.7	10.0	5.2	10.2	21.7	19.2	12.1	12.6	17.6		
CC12	257906	665675	16.0	16.4	14.8	8.3	7.0	4.3	4.4	8.5	16.0	19.0	21.9	13.3	12.5	17.4		
CC13	258730	665322		32.2		17.3	18.2	17.9	14.3	20.5	25.4	29.8	23.2	29.4	22.8	31.8		
CC14	258756	665346	28.8		30.6	26.0	33.3	24.8	19.1	22.2	26.7	34.0	28.6	25.0	27.2	37.9		
CC15	258770	665120	26.6	17.3	16.4	15.1	20.6	16.5	10.8	20.6	15.5	27.7	22.1	16.1	18.8	26.2		
CC16	259545	664739	18.8	13.1	19.0	7.2	8.2	6.7	7.4	10.9	13.7	20.0	23.2	19.7	14.0	19.5		
CC17	259732	664991	24.0	18.3	22.6	9.3	11.0	10.0	1.7	10.8	17.3	23.1	23.6	18.9	15.9	22.1		
CC18	259415	666194	21.2	13.6	8.7	6.5	4.4	7.3		6.6	12.4	18.7	18.0	9.3	11.5	16.1		
CC20	258820	666306	20.6		10.4	8.8	7.1	5.1				12.4	23.5	10.7	12.3	16.0		
CC21	260429	666264	19.0	10.6	12.5	5.5		6.9	6.0	6.2	15.6	19.9	15.4	12.7	11.8	16.5		
CC22	259392	665866	15.1	16.4	15.1	9.3	8.0	9.7	7.3	8.7	13.3	17.3	22.5	11.6	12.9	17.9		

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DT ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean: Raw Data	Annual Mean: Annualised and Bias Adjusted (1.39)	Annual Mean: Distance Corrected to Nearest Exposure	Comment
CC23	258336	665122		8.9	12.3	6.0	7.8	5.7	2.9	5.9	8.4	9.9	16.3	6.7	8.3	11.5		
CC24	258562	664933	23.4	16.2	13.2	14.2	10.0	13.3	9.6	17.3	21.5	20.4	39.8	12.6	17.6	24.6		
CC25	260077	665481	24.5	16.0	12.3	6.6	8.1	5.6	4.7		12.1	14.7	21.9	17.1	13.1	18.2		
CC26	258639	665852	21.4	17.8	15.8	13.3	15.1	9.5	6.7	11.3	17.2	23.4	28.4	23.7	17.0	23.6		
CC28	259983	665834	21.0	15.4	10.4	10.7	4.3	6.5	5.7	8.0	15.0	12.6	6.6	16.6	11.1	15.4		
CC29	258240	666033	21.4	12.0	13.2	9.6	6.5		4.9	6.4	16.6	18.5		20.5	13.0	18.1		
GE01	262589	664139	13.9	16.7	15.7	9.6	7.6	11.2	1.8	10.0	16.0	22.5	16.6	10.6	12.7	17.7		
GE02	265075	662001	10.5	11.8	7.5	3.1	2.4	2.1	2.7	2.5	6.6	9.8	12.4		6.5	9.0		
GE03	260650	663319	13.5	9.7	9.6	5.6	3.3	2.7	3.9	3.3	10.6	9.3	16.1	11.1	8.2	11.5		
GE04	260942	665226	12.3	9.7	8.3	3.0	3.0	2.1	3.4	3.4	8.2	13.2	15.2	11.8	7.8	10.9		
GE06	263920	664569	14.6	8.1	6.6	4.3	1.7	3.8	2.2	2.9	6.5	9.8	13.9	8.6	6.9	9.6		

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DT ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean: Raw Data	Annual Mean: Annualised and Bias Adjusted (1.39)	Annual Mean: Distance Corrected to Nearest Exposure	Comment
GE07	267005	666217	8.7	7.1	8.4	3.2	1.7	2.1	2.0	3.8	6.6	10.3	7.7	5.9	5.6	7.8		
GE10	263864	663544	11.2	10.2	7.6	3.9	3.8	2.1	3.3	3.9	7.0	10.1	13.2	15.1	7.6	10.6		
GE14	262472	664214	15.7	18.8	20.9	11.6	7.3	10.2	7.5	9.3	14.4	21.9	18.9	27.8	15.4	21.4		
GE16	268413	663872	14.6	10.2	6.0	3.1	2.1	2.1	4.6	3.6	10.0	12.1	10.2	7.9	7.2	10.0		
GE17	264792	662418	14.3	18.3	17.4	11.8	12.1	5.1	6.6	8.5	18.5	20.2	17.8	20.3	14.2	19.8		
GE18	261705	663993	14.0	9.1	9.4	5.6	3.2	2.1	1.8	29.7	8.2	12.4	12.6	13.3	10.1	14.1		
GE19	261013	663169	15.2	8.5	8.9	7.0	3.2	2.5	2.9	5.2	6.1	13.3	16.8	16.4	8.8	12.3		
GN01	260541	669268	14.1	9.5	9.9	6.9	4.2	2.9	1.7	3.4	9.7	10.7	14.4	9.4	8.1	11.2		
GN02	259731	668488	14.9	8.3	7.6	5.4	3.4	12.5	3.6	8.3	5.6	14.5	13.7	12.7	9.2	12.8		
GN03	261778	668122	13.4	7.5	7.2	3.5	2.6	3.1	2.2	6.5	4.1	11.1	11.7	9.4	6.9	9.6		
GS02	258702	664480	24.4	25.8	17.9	12.3	15.0	7.7	8.7	10.6	13.0	18.1	24.0	10.9	15.7	21.9		

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DT ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean: Raw Data	Annual Mean: Annualised and Bias Adjusted (1.39)	Annual Mean: Distance Corrected to Nearest Exposure	Comment
GS04	256295	661792	20.9	15.8	12.1	6.9	6.1	6.4	5.7	7.5	15.6	20.0	18.7	11.5	12.3	17.1		
GS06	258798	664570	13.0	7.2	11.8	8.1	5.9	6.9	5.8		13.6	13.3	14.2	12.1	10.2	14.2		
GS07	260203	659128	11.6	8.4	7.5	14.9	2.6	2.9	2.6	3.2	4.2	9.9	9.1	6.1	6.9	9.6		
GS08	259225	662579	15.6	12.8	11.5	7.0	11.3	3.3	1.7		8.2			18.3	10.0	13.9		
GS09	257138	661617	11.7	10.1	8.2	5.1	1.8	2.1	2.1	2.5	6.0	8.8	13.8	10.2	6.9	9.6		
GS10	255599	664313	14.1	14.7	14.4	12.1	8.7	10.2	5.8	5.1	12.9	12.4	22.3	10.1	11.9	16.6		
GS11	256343	663153	13.6	7.4	7.1	2.9	3.5	2.1	1.7	3.0	5.3	7.0	10.2	7.0	5.9	8.2		
GS12	253989	665298	15.7	11.7	8.1	5.6	2.4	2.7	2.3	4.3	8.0	9.3	11.9	7.5	7.5	10.4		
GS13	258678	662901	17.8	16.3	20.5	7.2	4.9	3.2	2.5	8.0	11.7	11.0	15.6	10.8	10.8	15.0		
GS14	253821	658590	10.3	15.8	12.1	6.9	6.1	6.4	5.7	7.5	15.6	20.0	18.7	11.5	11.4	15.9		
GS16	253047	661349	11.3	11.3	8.9	6.5	3.0	2.1	2.5	4.0	7.6	7.1	11.8	6.1	6.9	9.5		

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DT ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean: Raw Data	Annual Mean: Annualised and Bias Adjusted (1.39)	Annual Mean: Distance Corrected to Nearest Exposure	Comment
GS18	257415	664616	14.9	14.2	14.9	10.1	9.7	8.3	4.5	10.4	19.2	10.5	28.8	13.4	13.2	18.5		
GS19	259038	661285	11.3	7.5	6.3	7.3	2.7	2.5		2.1	4.2	7.3	12.8	9.8	6.7	9.4		
GS20	256262	664308	22.6	17.0	12.2	12.3	7.1	8.5	6.9	8.4	15.0	30.2	36.2	34.3	17.6	24.5		
GS21	256948	664270	15.6	10.8	10.0	8.4	8.5	8.4	6.9	6.2	11.0	15.3	18.6	10.5	10.9	15.1		
GS22	259732	663032	19.5	12.6	10.9	4.7	5.3	4.3	4.6	4.6	8.1	10.7	17.0	9.3	9.3	13.0		
GS23	259246	661979	12.0	9.8	8.7	4.3	2.4	2.6	3.0	4.8	8.6	6.3	11.1	7.5	6.8	9.4		
GS24	254724	665407	17.9	9.1	10.0	8.7	5.2	3.9	4.7	5.7	9.5	11.7	18.4	12.8	9.8	13.7		
GS25	253542	664443	16.5	15.3	8.2	10.7	4.0	3.4	5.3	7.4	10.8	11.4	23.0	10.3	10.5	14.7		
GS27	258084	661642	17.1	14.1	9.0	11.0	3.8	2.1	9.6	10.0	10.9	17.3	15.7	17.2	11.5	16.0		
GS28	259871	660618	14.6	9.0	6.9	4.7	3.3	2.1		4.0	8.6	9.8	13.0	13.2	8.1	11.3		
GS30	254021	665943	22.4	11.5	14.0	7.5	5.3	7.6	7.6	11.5	12.4	16.9	16.5	16.9	12.5	17.4		

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DT ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean: Raw Data	Annual Mean: Annualised and Bias Adjusted (1.39)	Annual Mean: Distance Corrected to Nearest Exposure	Comment
GS31	253865	666006	11.1	7.7		7.1	7.4	10.3	6.6	8.4	9.9	21.1	18.8	16.1	11.3	15.8		
GS34	254372	665902	17.8		13.8	8.6	7.6	4.6	5.0	6.8	9.9	11.6	17.3	11.5	10.4	14.5		
GS35	253554	665176	17.8		10.9	8.8	3.9	4.8	3.4	6.1	13.2	12.1	18.6	9.8	9.9	13.9		
GS36	258108	664514		22.2	16.1		13.1	7.5		13.4	18.5	22.4	27.9	20.0	17.9	24.9		
GS37	255477	663644	16.5	14.8	11.5	7.4	5.3	4.6	1.7	5.5	9.1	10.4	19.9	16.3	10.3	14.3		
GS45	253609	659958	10.3	7.1	11.3	4.7	1.7	2.1	1.9	4.8	4.3	7.8	11.4	8.5	6.3	8.8		
GS46	253471	663587	13.4	11.6		5.4	1.7	2.1	1.7	5.1	6.2	6.4	11.7	12.5	7.1	9.9		
GS47	254818	664109	22.0	13.0	11.6	3.4	6.0	4.8	5.9	7.0	6.7	11.0	16.0	11.3	9.9	13.8		
GW01	256209	666525	10.5		14.7	8.9		6.7	1.7	6.5	13.8	14.9	16.1	12.7	10.7	14.8		
GW02	256295	666816	10.8	11.3	9.2	5.1	2.7	3.6	1.7	7.4	12.6	8.1		6.1	7.1	10.0		
GW04	257235	665108	12.8	13.6		11.0	4.9	4.6	3.6	6.4	8.5	16.1	17.9	11.7	10.1	14.1		

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DT ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean: Raw Data	Annual Mean: Annualised and Bias Adjusted (1.39)	Annual Mean: Distance Corrected to Nearest Exposure	Comment
GW06	257790	666791	19.1	16.2		15.1	15.0	6.6		10.0	14.9	19.1	23.4	11.3	15.1	21.0		
GW07	257216	667639	12.0	12.0	13.6	20.2	6.8	5.2	4.8	6.2	16.6	14.0	17.1		11.7	16.3		
GW08	257012	667433	19.6	15.5	11.4	10.0	8.6	9.4	6.2	7.4	15.9	15.0	11.5	12.5	11.9	16.6		
GW09	254613	668886	25.1	13.0	7.7	6.9	4.3	3.4	4.4	5.1	6.7	16.9	16.0	16.1	10.5	14.6		
GW10	254498	667291	16.3		7.5	9.3	6.6	3.9	3.3	7.9	11.8	15.1	19.9	14.6	10.6	14.7		
GW11	254903	666855	11.6	8.5	7.9	5.2	1.7	4.2	1.7	4.1	8.5	8.4	10.4	7.1	6.6	9.2		
GW12	257533	667418	18.1	13.6	8.8	5.9	5.3	2.8	2.2	4.1	9.0	10.2	10.1	9.7	8.3	11.6		
GW13	255287	666276	13.3	11.4	8.8	8.3	3.7	3.8	4.7	5.3	12.2	14.0	15.0	10.3	9.2	12.9		
GW14	254640	668203	14.3	14.6	14.2	10.7	12.8	6.2	5.8	10.5	13.2	20.8	19.8	11.4	12.9	17.9		
GW15	255764	667297	11.3	14.1	10.7	6.0	7.0	3.8	1.7	4.8	9.6	10.0	15.4	10.0	8.7	12.1		
GW16	257555	666896	12.7	15.9	12.1	7.9	6.4	5.0	5.5	9.2	13.9	17.5		38.3	13.1	18.3		

Glasgow City Council

DT ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean: Raw Data	Annual Mean: Annualised and Bias Adjusted (1.39)	Annual Mean: Distance Corrected to Nearest Exposure	Comment
GW18	257243	668285	17.6	13.9	2.1	8.3	1.7	4.2	5.0	7.5	11.4	10.4	16.9	13.7	9.4	13.1		
GW19	253592	667771	10.4		7.4	4.8	2.4	3.7	4.3	5.6	5.5	14.0	15.3	11.5	7.7	10.8		
GW21	254456	668108	11.5	8.8	5.3	4.5	1.9	2.5		3.9	6.1	10.1	16.3	9.4	7.3	10.2		
GW22	257166	666787	17.0	13.4	9.2	6.9	6.1	9.9	6.9	7.2	10.0	15.7	18.1	10.9	10.9	15.2		
GW26	257255	667112	16.7	14.2	13.5	9.6	7.2	10.1	6.8	10.9	12.9	20.6	27.6	12.2	13.5	18.9		
GW30	253193	667219	18.1	15.5	11.7	5.3	3.8	6.0	4.2	8.7	7.6	14.4	18.1	9.9	10.3	14.3		
GW33	256663	667100	18.7	12.7	10.2	6.2	7.9	5.8	3.2	5.3	12.3	10.2	14.5	12.8	10.0	13.9		
GW34	253080	670199	12.7	9.2	6.3	2.1	1.7	2.1	1.9	4.1	5.7	10.4	10.8	4.3	5.9	8.3		
GW35	257373	669164	15.5	7.0	13.2	3.7	3.7	2.4	3.9	8.9	9.4	9.6	12.8	7.4	8.1	11.3		
GW36	258309	666457	22.6	14.3	12.0	12.6	6.0	5.1	4.2	8.6		13.0	19.3	13.2	11.9	16.6		
GW37	254946	666612	20.1	19.4	23.2	23.7	9.4	14.8	9.8	10.7	22.0	27.9	29.3	20.5	19.2	26.8		

Glasgow City Council

DT ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean: Raw Data	Annual Mean: Annualised and Bias Adjusted (1.39)	Annual Mean: Distance Corrected to Nearest Exposure	Comment
GW39	252993	667615	17.2		15.4	7.4	6.4	5.3	5.5	7.7	13.6	17.8	16.8	10.8	11.3	15.7		
GW40	253139	667333	20.7	8.0	9.8	2.1	2.6	10.6	4.4	8.8	8.8	19.0	19.4	13.1	10.6	14.8		
GW41	255692	667338	17.7	10.8	9.7	8.2	6.4	4.5	6.0	7.8	11.5	13.8	20.2	10.3	10.6	14.7		
GS48	258547	661714	21.6	25.1	15.9	11.0	4.4	9.6	7.7	12.1	15.1	14.8	20.0	15.3	14.4	20.0		
GS49	258320	662824		18.4	14.0	9.6	8.3	8.8	8.3	13.7	18.7	21.1	18.2	16.8	14.2	19.8		
GS50	252065	663544	21.2	15.6	14.4	5.2	4.8	5.6	4.3	11.7	10.6	14.6	12.2	8.4	10.7	14.9		
GE20	262110	665472	14.0	16.7	12.1	6.1	4.4	4.5	3.7	6.9	9.5	16.6	16.0	13.9	10.4	14.4		
GW42	253804	666897	11.8	11.7	2.1	6.9	6.6	2.1	4.6	8.2	9.0	12.7	11.7	11.7	8.3	11.5		
GS51	258709	661317	10.0	9.9	12.1	3.9	1.9	9.3	2.0	27.9	9.0	8.1	14.5	7.7	9.7	13.5		
GS52	257822	663713	13.8	17.0	15.8	8.4	4.7	3.3	3.8	9.2	9.2	12.9	16.2	12.1	10.5	14.7		
GE22	263145	666346	12.2	12.3	5.5	4.8	4.2	3.6	2.3	5.5	13.2	7.4	8.5	9.6	7.4	10.3		

Glasgow City Council

DT ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean: Raw Data	Annual Mean: Annualised and Bias Adjusted (1.39)	Annual Mean: Distance Corrected to Nearest Exposure	Comment
GE23	263439	666750	12.2	15.6	10.9	6.7	1.9	7.1	4.7	8.1	8.5	1.7	11.7	11.5	8.4	11.7		
GS53	258589	663776	25.6	16.0	13.2	11.1	5.2	5.9	5.8	12.4	16.6	20.0	23.7	18.6	14.5	20.2		
CL1	258708	665200	31.8	24.5	25.6	16.8	13.4	12.3	11.5	23.9	25.3	33.1	21.8	24.1	-	-		Triplicate Site with CL1, CL2 and CL3 - Annual data provided for CL3 only
CL2	258708	665200	20.1	29.0	29.0	17.3	21.4	10.1	12.4	22.5	24.7	27.5	23.0	25.1	-	-		Triplicate Site with CL1, CL2 and CL3 - Annual data provided for CL3 only
CL3	258708	665200	27.7	36.1	21.9	22.3	20.2	18.2	17.7	18.0	38.1	12.1	37.3	32.9	23.0	32.1		Triplicate Site with CL1, CL2 and CL3 - Annual data provided for CL3 only
CL4	256526	666933	12.1	15.4	17.1	9.5	10.5	8.5	6.8	7.1	14.5	15.2	21.9	8.0	-	-		Triplicate Site with CL4, CL5 and CL6 - Annual data provided for CL6 only
CL5	256526	666933	15.3	13.1	13.9	9.2	6.2	10.3	5.5	8.3	12.1	19.5	21.5		-	-		Triplicate Site with CL4, CL5 and CL6 - Annual data provided for CL6 only
CL6	256526	666933	23.1	13.8	17.2	9.9	8.4	12.7	8.1	8.4	16.7	18.4	18.2	17.7	13.0	18.1		Triplicate Site with CL4, CL5 and CL6 - Annual data provided for CL6 only
CL7	259675	665900	16.0	9.7		4.8	3.4	5.3	4.9	9.6	7.8	14.8	14.5		-	-		Triplicate Site with CL7, CL8 and CL9 - Annual data provided for CL9 only

DT ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean: Raw Data	Annual Mean: Annualised and Bias Adjusted (1.39)	Annual Mean: Distance Corrected to Nearest Exposure	Comment
CL8	259675	665900	18.4	10.2	13.0	4.0	5.5	6.2	7.5	10.4	7.7	14.1	11.1		-	-		Triplicate Site with CL7, CL8 and CL9 - Annual data provided for CL9 only
CL9	259675	665900	15.2	13.3	11.0	3.5	5.0	4.4	6.8	10.6	11.1	14.0	13.1		9.7	13.5		Triplicate Site with CL7, CL8 and CL9 - Annual data provided for CL9 only
CL10	260013	665346	24.0	14.5	18.7	8.7	7.5	7.4	10.1	5.5	12.7		20.2	16.6	-	-		Triplicate Site with CL10, CL11 and CL12 - Annual data provided for CL12 only
CL11	260013	665346	20.6		19.5	7.4	10.2	6.9	11.9	6.7	10.2	12.6	17.7	14.5	-	-		Triplicate Site with CL10, CL11 and CL12 - Annual data provided for CL12 only
CL12	260013	665346	22.4	10.6	15.5	5.8	6.9	4.5	7.3	5.9	15.6	15.6	15.2	16.9	12.6	17.5		Triplicate Site with CL10, CL11 and CL12 - Annual data provided for CL12 only
CL13	258007	666649		12.4	11.4	9.9	4.4			4.3	4.1	3.5	2.2	1.6	-	-		Triplicate Site with CL13, CL14 and CL15 - Annual data provided for CL15 only
CL14	258007	666649		12.2	8.9	8.4	4.6		4.5	3.9	5.5	2.6	2.2	1.6	-	-		Triplicate Site with CL13, CL14 and CL15 - Annual data provided for CL15 only
CL15	258007	666649		12.3	9.2	8.1	6.1		4.0	2.3	6.4	2.8	2.7	1.6	5.6	7.8		Triplicate Site with CL13, CL14 and CL15 - Annual data provided for CL15 only

Glasgow City Council

DT ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean: Raw Data	Annual Mean: Annualised and Bias Adjusted (1.39)	Annual Mean: Distance Corrected to Nearest Exposure	Comment
GW43	256351	666538	14.7	18.5	14.8	7.6	3.3	4.2	3.1	8.2	13.4	14.9	15.1	10.9	10.7	14.9		
GS54	252751	660818	7.2	10.8	10.9	8.5	3.4	3.6	2.7	3.7	8.7	8.7	15.9	10.7	7.9	11.0		
GS55	258260	663025	17.1	8.2	14.1	4.1	6.7			5.2		12.6	17.9	14.5	11.2	15.5		
GE24	262110	665472	14.0	16.7	12.1	6.1	4.4	4.5	3.7	6.9	9.5	16.6	16.0	13.9	10.4	14.4		
GS03	256229	662587	15.7	7.5	7.9	4.8	2.8	2.7	3.3	4.2	8.0	10.0	16.3	11.7	7.9	11.0		

☒ **All erroneous data has been removed from the NO_2 diffusion tube dataset presented in Table B.1**

☒ **Annualisation has been conducted where data capture is <75% and >25% in line with LAQM.TG22**

☒ **Local bias adjustment factor used**

☒ **Glasgow City Council 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 40 µg/m^3 are shown in **bold**.

NO_2 annual means exceeding 60 µg/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.

Appendix C: Supporting Technical Information / Air Quality Monitoring Data QA/QC

New or Changed Sources Identified Within Glasgow During 2025

Glasgow City Council has not identified any new sources relating to air quality within the reporting year of 2025.

Additional Air Quality Works Undertaken by Glasgow City Council During 2025

Glasgow City Council has not completed any additional works within the reporting year of 2025

QA/QC of Diffusion Tube Monitoring

Diffusion tube monitoring is carried out in accordance with the procedures contained in the guidance 'Diffusion Tubes for Ambient NO_2 Monitoring: Practical Guidance for Laboratories and Users' and LAQM.TG22

Monitoring was conducted in adherence with the 2025 Diffusion Tube Monitoring Calendar.

For 2025 all NO_2 diffusion tubes were supplied and analysed by Glasgow Scientific Services. The preparation method was 20% tri-ethanolamine in water. Glasgow Scientific Services is UKAS accredited for the analysis of diffusion tubes, participating in the AIR-PT Scheme for NO_2 tube analysis and the Annual Field Inter-Comparison Exercise.

In the four AIR-PT results available for 2025, GSS scored 75% in one and 100% in three. The percentage score reflects the number of results deemed to be satisfactory based upon the z-score of $< \pm 2$.

Diffusion Tube Annualisation

Annualisation was required for three diffusion tube sites, CC01, CC05 and CC20 due to low data collection. Annualisation was conducted in accordance with the annualization section of the diffusion tube processing tool and the results have been expressed in the main results table. The annualization method is shown in Table C.2

Diffusion Tube Bias Adjustment Factors

Glasgow City Council have applied a local bias adjustment factor of 1.39 to the 2025 monitoring data. A summary of bias adjustment factors used by Glasgow City Council over the past five years is presented in Table C.1.

Results from four local co-location studies were used to provide the local co-location factor. These were GLA4, GLA6, GLKP and GHSR. Details of the co-location study can be found in Table C2.

Table C.1 – Bias Adjustment Factor

Year	Local or National	If National, Version of National Spreadsheet	Adjustment Factor
2025	Local	-	1.39
2024	Local	-	1.05
2023	Local	-	1.02
2022	Local	-	1.10
2021	National	03/22	1.12

NO_2 Fall-off with Distance from the Road

No diffusion tube NO_2 monitoring locations within Glasgow required distance correction during 2025.

QA/QC of Automatic Monitoring

The 11 permanent monitoring stations in Glasgow form part of the Air Quality in Scotland monitoring network. Instruments are calibrated by the Local Site Operators (LSO) according to the specific site guidelines and audits are carried out every six months by Ricardo. Glasgow City Council Public Health act as LSO for seven of the stations while Ricardo act as LSO for the 4 stations operated as part of the UK network operated by DEFRA. These stations are GLA4, GLKP, GGWR and GHSR.

All automatic air quality data gathered, both current and historical, is independently ratified by Ricardo and made available for viewing by the public at the Scottish Government funded air quality website at:

http://www.scottishairquality.co.uk

All data within this report has been fully ratified.

This webpage also provides access to the QA/QC information relevant to LAQM report requirements. The instrument UKAS calibration certification generated by the six-monthly audit programme for Glasgow's monitoring stations is available at:

http://www.scottishairquality.co.uk/laqm/certificates-calibration

PM_{10} and $PM_{2.5}$ Monitoring Adjustment

The type of PM_{10}/$PM_{2.5}$ monitors utilised within Glasgow do not required the application of a correction factor.

Automatic Monitoring Annualisation

Annualisation was required for the GL6 automatic monitoring site in respect of NO_2 due to low data collection. Annualisation was conducted in accordance with the technical guidance and the results have been expressed in the main results table. The annualization method is shown in Table C.2

NO_2 Fall-off with Distance from the Road

No automatic NO_2 monitoring locations within Glasgow required distance correction during 2025.

Table C.2 – Diffusion Tube Annualisation Summary (concentrations presented in µg/m^3)

Site ID	Annualisation Factor Waulkmilglen	Annualisation Factor Townhead	Annualisation Factor Kerbside	Annualisation Factor Anderston	Average Annualisation Factor	Raw Data Annual Mean	Annualised Annual Mean	Comments
CC01	0.8740	0.8781	0.9367	0.8721	0.8902	15.1	13.4	
CC05	1.0320	1.0331	1.0318	1.0496	1.0366	17.8	18.5	
CC20	0.9188	0.9160	0.9513	0.9285	0.9287	12.3	11.4	
GL6	1.0309	1.0296	1.0022	0.9625	1.0063	15.6	15.7	

Table C.3 – Local Bias Adjustment Calculations

	Local Bias Adjustment Input 1	Local Bias Adjustment Input 2	Local Bias Adjustment Input 3	Local Bias Adjustment Input 4
Periods used to calculate bias	5	8	8	7
Bias Factor A	1.51 (1.25 - 1.9)	1.34 (1.19 - 1.53)	1.41 (1.1 - 1.98)	1.34 (1.15 - 1.6)
Bias Factor B	-34% (-47% - -20%)	-25% (-35% - -16%)	-29% (-50% - -9%)	-25% (-38% - -13%)
Diffusion Tube Mean (µg/m^3)	24.6	13.4	10.8	14.5
Mean CV (Precision)	16.3%	11.3%	11.7%	12.4%
Automatic Mean (µg/m^3)	37.1	17.9	15.3	19.4
Data Capture	100%	100%	100%	100%
Adjusted Tube Mean (µg/m^3)	37 (31 - 47)	18 (16 - 20)	15 (12 - 21)	19 (17 - 23)

Notes:

A combined local bias adjustment factor of 1.39 has been used to bias adjust the 2025 diffusion tube results.

Appendix D: City Centre / LEZ NO_2 Monitoring Results

Table D.1: Monitoring results from city centre locations during the period 2021 – 2025

Site ID	Site Name	2021	2022	2023	2024	2025	% reduction 2022 to 2025
CC01	George Square	25.0	29.9	22.6	19.2	18.7	25.2
CC02	Union Street	37.5	**38.4**	31.4	24.3	25.1	33.1
CC03	Bath Street	31.7	**36.2**	29.7	21.9	26.5	16.4
CC04	Glassford St	28.6	34.3	30.7	23.0	28.4	0.7
CC05	Buchanan St	25.9	32.7	26.5	19.2	25.8	0.4
CC06	Castle Street	24.3	27.5	22.2	16.0	17.7	27.2
CC07	Hope Street 3	35.2	**40.4**	35.1	29.3	23.8	32.4
CC08	Montrose St	22.3	27.0	20.3	17.9	17.3	22.4
CC09	Cochrane St	28.6	29.9	22.9	20.8	19.0	33.6
CC10	Renfield Street	33.1	**38.6**	30.3	25.0	27.3	17.5
CC11	George Street	24.6	29.7	25.8	18.3	17.6	28.5
CC12	North Street	19.3	22.8	19.8	16.5	17.4	9.8
CC13	Hope Street 1	**43.5**	**44.9**	**39.0**	29.2	31.8	26.9
CC14	Gordon Street	**40.2**	**50.0**	**42.1**	29.8	**37.9**	5.7
CC15	Hielanman's Umbrella North	35.6	**42.3**	**40.9**	25.2	26.2	26.4
CC16	Saltmarket	26.2	31.8	21.2	16.5	19.5	25.6
CC17	High Street	25.3	34.8	25.7	20.2	22.1	12.6
CC18	Dobbies Loan	21.8	23.6	17.9	16.4	16.1	26.1
CC20	Dundasvale St	24.0	24.5	20.6	17.0	16.0	33.3
CC21	Royston Road	23.8	28.8	21.5	18.9	16.5	30.7
CC22	St Mungo Ave	21.0	23.7	19.6	14.8	17.9	14.8
CC23	Brown Street	19.3	21.0	15.7	11.4	11.5	40.4
CC24	Broomielaw	31.8	**36.2**	26.7	25.6	24.6	22.6
CC25	McLeod Street	22.1	29.3	20.7	15.8	18.2	17.6
CC26	Sauchiehall St	23.8	28.5	23.4	25.9	23.6	0.8
CC28	St Mungo's PS	14.7	19.2	14.6	15.7	15.4	-4.8
CC29	Garnetbank PS	21.6	23.1	18.2	18.8	18.1	21.6

**Exceedances of annual mean shown in bold and red. Levels within 10% of the objective shown in bold.

Appendix E: Monitoring locations and pollution trends

Figure E.1: Location of Automatic Monitoring Stations

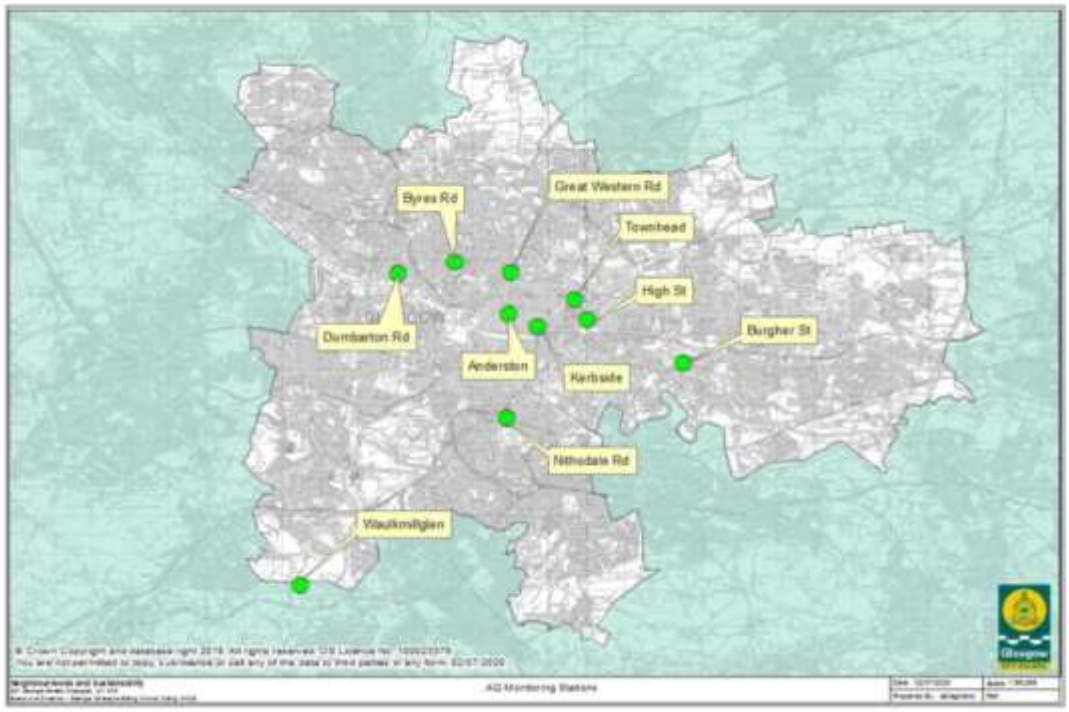


Figure E.2: Location of NO_2 Diffusion Tubes

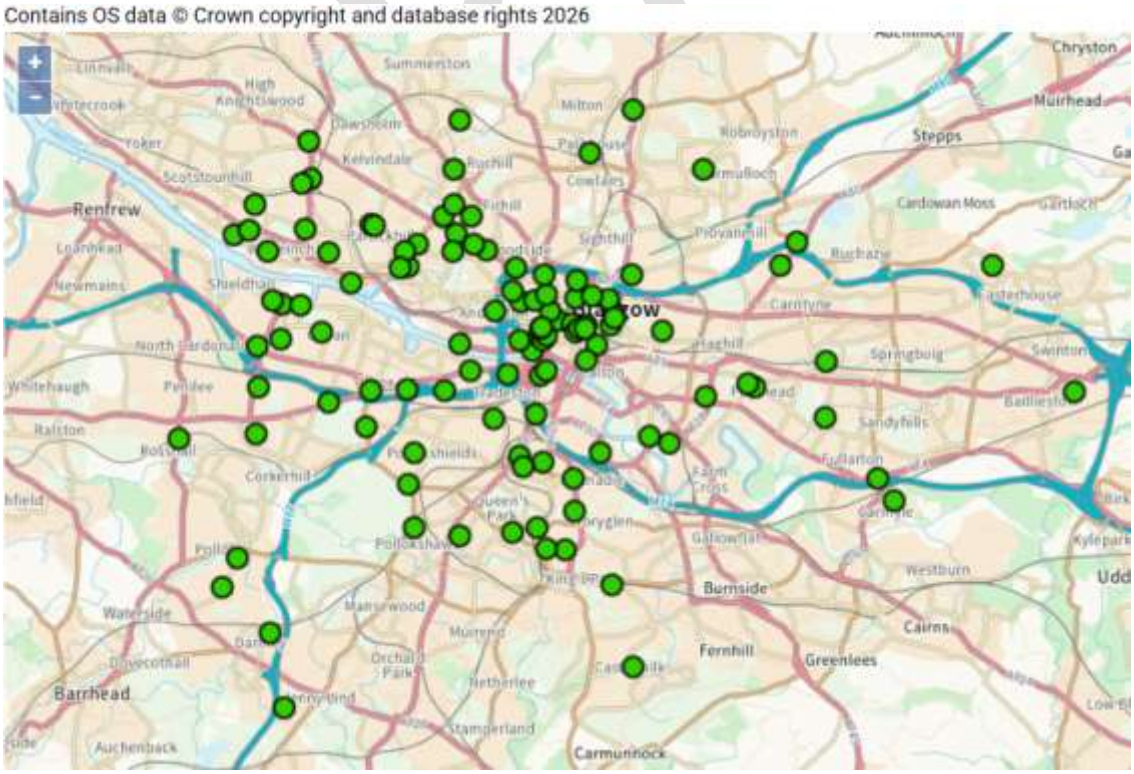


Figure E.3: Selected monitoring results from city centre locations exceeding or within 10% of the objective during the period 2019 – 2025

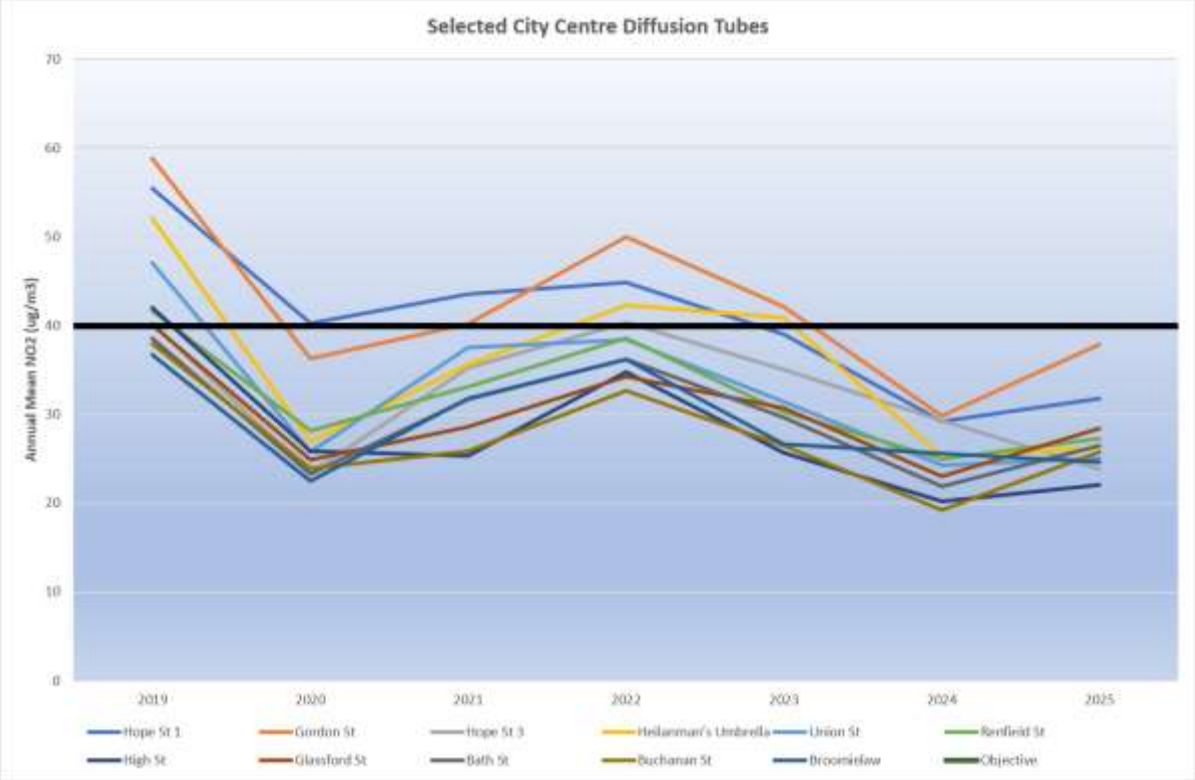
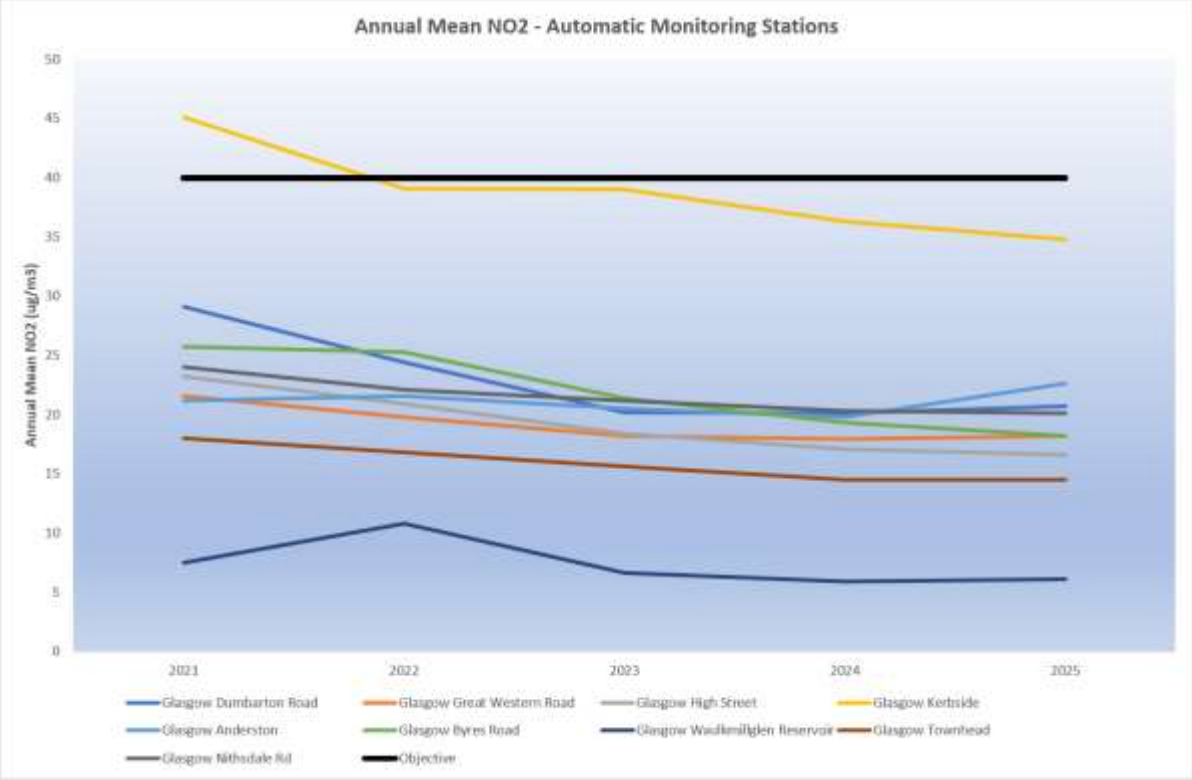


Figure E.4: Trend in annual mean NO_2 at automatic monitoring stations



Glossary of Terms

Abbreviation	Description
AQAP	Air Quality Action Plan - A detailed description of measures, outcomes, achievement dates and implementation methods, showing how the LA intends to achieve air quality limit values'
AQMA	Air Quality Management Area – An area where air pollutant concentrations exceed / are likely to exceed the relevant air quality objectives. AQMAs are declared for specific pollutants and objectives
APR	Annual Progress Report
AURN	Automatic Urban and Rural Network (UK air quality monitoring network)
Defra	Department for Environment, Food and Rural Affairs
DMRB	Design Manual for Roads and Bridges – Air quality screening tool produced by Highways England
DT	Diffusion Tube
FDMS	Filter Dynamics Measurement System
LAQM	Local Air Quality Management
NO_2	Nitrogen Dioxide
NO_X	Nitrogen Oxides
PM_{10}	Airborne particulate matter with an aerodynamic diameter of 10µm (micrometres or microns) or less
$PM_{2.5}$	Airborne particulate matter with an aerodynamic diameter of 2.5µm or less
QA/QC	Quality Assurance and Quality Control
SO_2	Sulphur Dioxide

References

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- Glasgow’s Climate Plan
- Glasgow Transport Strategy: Policy Framework
- Glasgow City Council Carbon Management Plan 3