

Annual Progress Report (APR)



2026 Air Quality Annual Progress Report (APR) for East
Renfrewshire Council

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

Local Air Quality Management

June 2026

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Executive Summary: Air Quality in Our Area

Air Quality in East Renfrewshire Council

Air quality in East Renfrewshire remains good and continues to show improvement. There are no major industrial or commercial sources of air pollutants within the area and road traffic is therefore the main source of local air pollution. No air quality management areas have been declared in East Renfrewshire and our monitoring of air quality across the district has found that pollutant levels have decreased over recent years.

2025 showed a decrease in pollution levels from those measured in 2024 and remain down on pre-covid levels (2018-2019). 23 of the 23 monitoring locations returned NO₂ levels consistent with / or lower than, the levels of NO₂ seen during 2020 when Covid lockdown procedures and controls were maximised.

Actions to Improve Air Quality

This progress report outlines air quality actions undertaken in 2025. The Council continues to deliver proactive initiatives focused on improving local air quality, raising public awareness, and encouraging practical steps to reduce environmental impact.

Hybrid working arrangements, including home working, virtual meetings, and online training, are now widely established. While these practices are expected to reduce transport-related emissions, findings from the *East Renfrewshire Local Transport Strategy Case for Change Report – 2024 Addendum (January 2025)* ([2024 Case for Change update](#)) indicate that overall vehicle trips continue to increase despite a stabilisation or slight decline in car trip share. This trend may reflect reductions in individual trip frequency and distance travelled, offset by, population growth and increased vehicle ownership. The continued decline in NO₂ levels across East Renfrewshire over the past five years is therefore likely influenced both by behavioural changes and the shift towards low-emission and hybrid vehicles.

The Council remains committed to proactive air quality engagement. A key focus has been partnership working with local schools, supporting pupil committees to develop and lead eco-programmes within their communities. Educational visits incorporating presentations and interactive activities have been well received by pupils and staff. Practical

demonstrations illustrating the impact of different transport modes on pollution levels have proven particularly effective. Complementary resources, such as interactive learning tools, have supported knowledge retention and encouraged wider discussion of air quality, health impacts, and mitigation measures (Figure 1).



Figure 1: Interactive activities at Schools and Libraries

Further engagement has included participation in the East Renfrewshire Schools' Learning for Sustainability Conference, which brought together pupils from all primary and secondary schools. The event combined expert presentations with collaborative sessions, enabling young people to explore solutions and reflect on previous actions. High levels of engagement were observed (Figure 2).



Figure 2: Learning for a Better World (school conference) and Cycle September

During school holidays, the Environmental Health team, in partnership with the Enjoy East Renfrewshire library service, delivered “Air Detective” sessions for primary school children. These sessions combined educational content with interactive activities, supported by take-home materials.

Community engagement has also been a priority. Events such as the “Let’s Clear the Air” panel at Giffnock Library provided a platform for public discussion, supported by environmental professionals (Figure 3).

The Council continues to deliver coordinated initiatives across Environmental Health, Community Safety, Education, Culture and Leisure, and Communications to address vehicle idling, particularly around schools, transport hubs, and taxi ranks. Community Wardens play a key enforcement role, while also supporting school-based groups and parent organisations to raise awareness of pollution associated with school drop-off and pick-up times.

In addition, the Council has supported wider initiatives promoting active travel and climate action, including the “Cycle September” campaign in partnership with Love to Ride and local activities delivered through the East Renfrewshire Climate Action Hub (Figure 2).

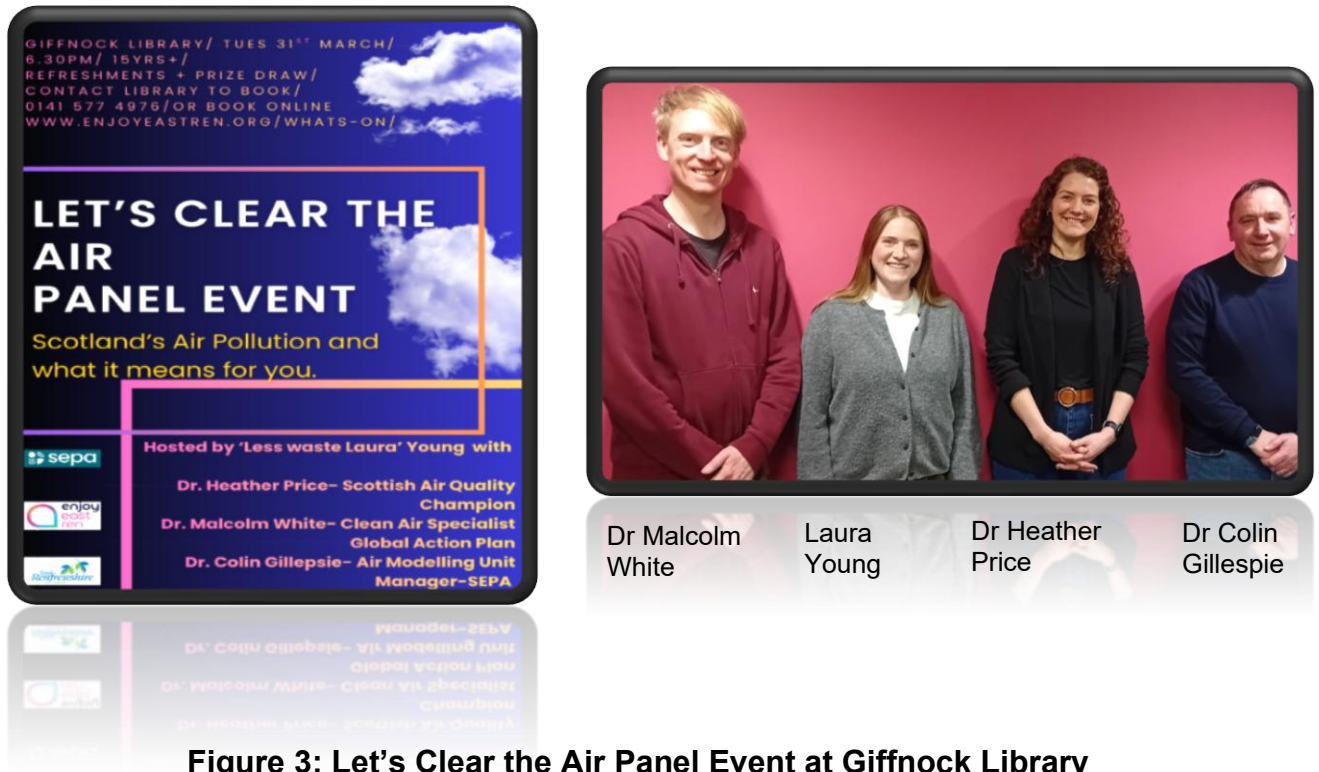


Figure 3: Let's Clear the Air Panel Event at Giffnock Library

East Renfrewshire Council have continued to support a wider anti idling awareness campaign in conjunction with 5 neighbouring Local Authorities (Figure 4.).



Figure 4: Promotional material for regional awareness campaign (Billboards and Bus Advertising)

Local Priorities and Challenges

Air quality in East Renfrewshire is good, local priorities are set to support delivery of the Council's new Community Planning Partnership's vision which sets out our shared hopes and aspirations between now and 2040 so that East Renfrewshire is a place where everyone can flourish, thrive and grow.

[A Place to Grow - East Renfrewshire Council](#)

The priority for the Council is to raise the profile of our vehicle idling enforcement programme across East Renfrewshire. Our Community Safety Officers will carry out 5 hours per week of idling enforcement outside schools, leisure centres and at taxi stands / bus terminus with increased visibility and community engagement.

We will also look to provide continued support to, ERC's Education Department with air quality education for pupils and the promotion of active travel to and from school. It will also be the intention to attend community hubs and events to reiterate the pro-active measures that can be taken to improve local air quality. It will be our intention to support East Renfrewshire Culture and Leisure Trust in delivering further community art and science programmes that will focus on Air Quality and the Environment for both adults and children, also reaching out to partners supporting environmental work and initiatives within East Renfrewshire's area. .

We will continue to be committed to monitoring pollutant levels and analysing them and collaborate with East Renfrewshire Council's Get to Zero Team to help address Climate Change and deliver Net Zero emissions by 2045.

[GTZAP Published Feb 2024.pdf](#)

Public consultation on East Renfrewshire Council's draft Local Transport Strategy has also commenced. The 2026 - 2040 Local Transport Strategy focuses on the role of the Council and partners in supporting the changes needed to create a transport network that is safe, accessible and connected aiming to improve quality of life and the environment, reduce inequalities, and support long-term prosperity for residents and visitors to East Renfrewshire.

[Local Transport Strategy - East Renfrewshire Council](#)

How to Get Involved

Further information on local air quality and our enforcement and education activities can be found on East Renfrewshire Council's website at

<http://www.eastrenfrewshire.gov.uk/air-quality>

Additional information on our local air quality and monitoring results can also be found here

<http://www.scottishairquality.scot/>

<https://www.environment.gov.scot/our-environment/air/air-quality-projects/east-renfrewshire-schools-project/>

<https://eastrenfrewshire.gov.uk/article/6431/Get-to-Zero-climate-change-action-plan>

Residents who are concerned about local air quality can contact Environmental Health at environmentalhealth@eastrenfrewshire.gov.uk, by phone on 0141 577 3001 or via the 'Contact Us' section of our website. <https://www.eastrenfrewshire.gov.uk/contact-us>

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1 Local Air Quality Management

This report provides an overview of air quality in East Renfrewshire Council 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 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 East Renfrewshire 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
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 (AQMA) 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.

East Renfrewshire Council currently does not have any AQMAs.

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

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. East Renfrewshire 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 2.1.

Key completed measures for this reporting year are:

- Electrification of the Glasgow to East Kilbride train line (including stations Thornliebank, Giffnock, Clarkston and Busby)

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

- Provision of new active travel infrastructure including a new 2Km active travel route included within the Aurs Road realignment project promoting active travel access to

country park and linking Barrhead to Newton Mearns due to due to complex ground conditions and stability challenges.

East Renfrewshire Council expects the following measures to be completed over the course of the next reporting year:

- Opening of the new Balgray Railway Station serving significant residential developments in the Springhill and Aurs Road areas of Barrhead plus rail access to the Dams to Darnley Country Park as alternative modes of travel:

<https://scotlandsrailway.com/projects/balgray-station>

Table 2.1 – 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	Promotion of Air Quality initiatives in the wider local community	Public information	2023- 2026	Partnership working with Leisure trust/ community groups and schools. Scottish Government Funding	2024/25 element complete, 2026 in process	2026 funding to be confirmed.	Funding invested in promotional material/ speakers/theatre groups for awareness events at local libraries and community centres	Funding allocated on a yearly basis rather than 3-year programme basis.	Reduced funding for 2025/26
2	Public Transport Infrastructure - construction of Barrhead South Rail Station (Balgray)	Promoting Travel Alternatives to existing communities and large-scale residential developments in Barrhead area	Autumn 2026	City deal	Funding secured - construction due to start Summer 2025	Project fully funded- city Deal / Scottish and UK Government	Sept 2024-final business case approved. Summer 2025 construction begins. Expected completion Autumn 2026	Project progressing on schedule: https://scotlandsrailway.com/projects/balgray-station	
3	Active Travel Infrastructure delivery of new 2Km active travel route project for Aurs Road realignment	Promoting travel alternatives-active travel access to country park and linking Barrhead to Newton Mearns	Dec 24	Glasgow City Region	In progress (delayed)	Partner funding Glasgow City Region Deal (East Ren Council/UK & Scottish Government) Transport Scotland (Sustrans and developers' contributions)	Project commenced Jan 2024 expected completion date Summer 2026	Expected completion summer 2026.	Project delayed due to complex ground conditions and stability challenges.

4	Public Transport Infrastructure - complete electrification of the East Kilbride Rail Line	Transport Planning and Infrastructure	December 2025	City deal	Funding secured - installation works commenced Jan 2024. Replacement of Thornliebank rail bridge complete by June 2025 - project complete Dec 2025	Project fully funded – City Deal / Scottish and UK Government	Jan 2024 - final business case approved Spring 2024 construction begins . Expected completion December 2025	Completed on schedule	
5	Electric Vehicle Charging - Rollout of expanding public EV charging network with approximately 200 new charge points installed (in East Renfrewshire Council) over a 5 year period.	Promoting Low Emission Transport	Final Contract Award to Charge Point Operator expected Dec 26 with first phase of rollout of new sites to commence Jan 27 (and run to 2032)	Strategic Transport Service Glasgow City Region Local Authority Partners	In progress	£3.5m Transport Scotland EVCI Funding bid has been approved to Glasgow City Region. Private Sector is expected to deliver ~50% of total costs	Issue Invitation to Tender July 26 Contract Award Dec 26 Rollout commence Jan 27 Rollout complete 2032	Developing Invitation to Tender for commercial contract underway – to be issued July 26	
6	Air Quality education projects in schools	Public Information	2018 - onwards	In progress	SG Grant Funded , Education Department	22 Schools involved reaching over 7300 children since 2018	Over 2024/25 school year, 2 schools have engaged and completed the programme of initial engagement, school assemblies and banner competition	Accessing education programmes to fit in with existing curriculum	Reduced funding for 2025

7	Vehicle Idling Enforcement	Traffic Management	ongoing	In progress	SG Grant funded Community Safety partnership	In 2025 Level of enforcement reduced to 5 Hours per week – supply materials for public awareness	Ongoing		Reduced funding for 2025
8	Council Fleet Decarbonisation Complete assessment plan for all services to transition car /vans to EVs	Promoting Low Emission Transport	Mar '26	Get to Zero	In progress	Fully funded	Milestones are being revised following review by project team	Data gathering has commenced and service profile established. Next stage will be to develop the implementation plans and charging management plans for all fleet-user services with cars/vans. The transition to EVs is not likely to happen until 2027/28 at the earliest.	
9	ERC TRANSPORT STRATEGY – Council's approach to transport upto 2040	-Promoting low emission transport -Promoting travel alternatives -Public information -Transport planning and infrastructure -Traffic management	Draft Consultation June 2026	Development of the delivery framework will identify , national , regional and internal partners required to deliver specific proposals	Draft Consultation launched June 2026	Funding secured for consultation	Not yet established		Below is a link to ERC's consultation information page : Local Transport Strategy - East Renfrewshire Council

2.3 Air Quality Complaints Relating to Activities and / or Smoke Emissions

East Renfrewshire Council has investigated a total of 24 air quality complaints related to burning activities and/or emissions of smoke during the reporting year. These complaints related primarily to smoke emissions from garden bonfires/burning refuse/external fire pits but also domestic chimneys / wood burning stoves/ exempt fireplaces mainly involving the burning of inappropriate materials or unapproved fuels. Of the complaints received, 23 (95%) have been fully resolved following investigation, with only one case remaining open and under further review.

Investigations were undertaken in accordance with the Clean Air Act 1993 and/or the Environmental Protection Act 1990. Where necessary, officers provided advice, carried out site visits, gathered evidence, and engaged directly with householders to support compliance.

No formal enforcement actions were undertaken during the reporting year.

3 Air Quality Monitoring Data and Comparison with Air Quality Objectives

3.1 Summary of Monitoring Undertaken

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

3.1.1 Automatic Monitoring Sites

East Renfrewshire Council does not undertake any automatic (continuous) monitoring within the authority's area.

3.1.2 Non-Automatic Monitoring Sites

East Renfrewshire Council undertook non- automatic (passive) monitoring of NO₂ at 23 sites during 2025. Table A.1 in Appendix A shows the details of the sites.

Maps showing the location of the monitoring sites are provided in Appendix A. 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

East Renfrewshire Council has access to three low cost Air Quality monitors that provide information to support our proactive work. We are able to locate and rotate the monitors at local school gates, libraries and areas where Air Quality promotional work is taking place. Monitoring can provide real time results and can be summarised to support the work being completed by school pupils, library staff etc.

Results are not analysed or ratified but used to illustrate the impact that the behaviour and activities involving motor vehicles (with combustion engines) can have on local air quality to different extents.

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 (NO₂)

East Renfrewshire Council currently monitors nitrogen dioxide at 23 locations, using diffusion tubes. During 2025, nitrogen dioxide levels at all 23 sites were within the annual mean objective. **There is therefore no need to proceed to any more detailed monitoring or assessment of nitrogen dioxide levels for any location within East Renfrewshire.**

Overall trend in NO₂ levels over the last five years is shown in **Figure 5** below. If a simplistic view is taken, then it could be said that 2021 NO₂ levels had increased from the very low levels witnessed during 2020 where full covid restrictions and national lockdowns were being adhered to. However, levels began to fall in 2022/23 and continued to reduce in 2024 and now in 2025. All levels sit below the low levels witnessed in 2020 where covid restrictions had a significant positive improvement in air quality.

Table A.2 in Appendix A compares the adjusted monitored NO₂ annual mean concentrations for the past five years with the air quality objective of 40 µg/m³ at non automatic monitoring sites.

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

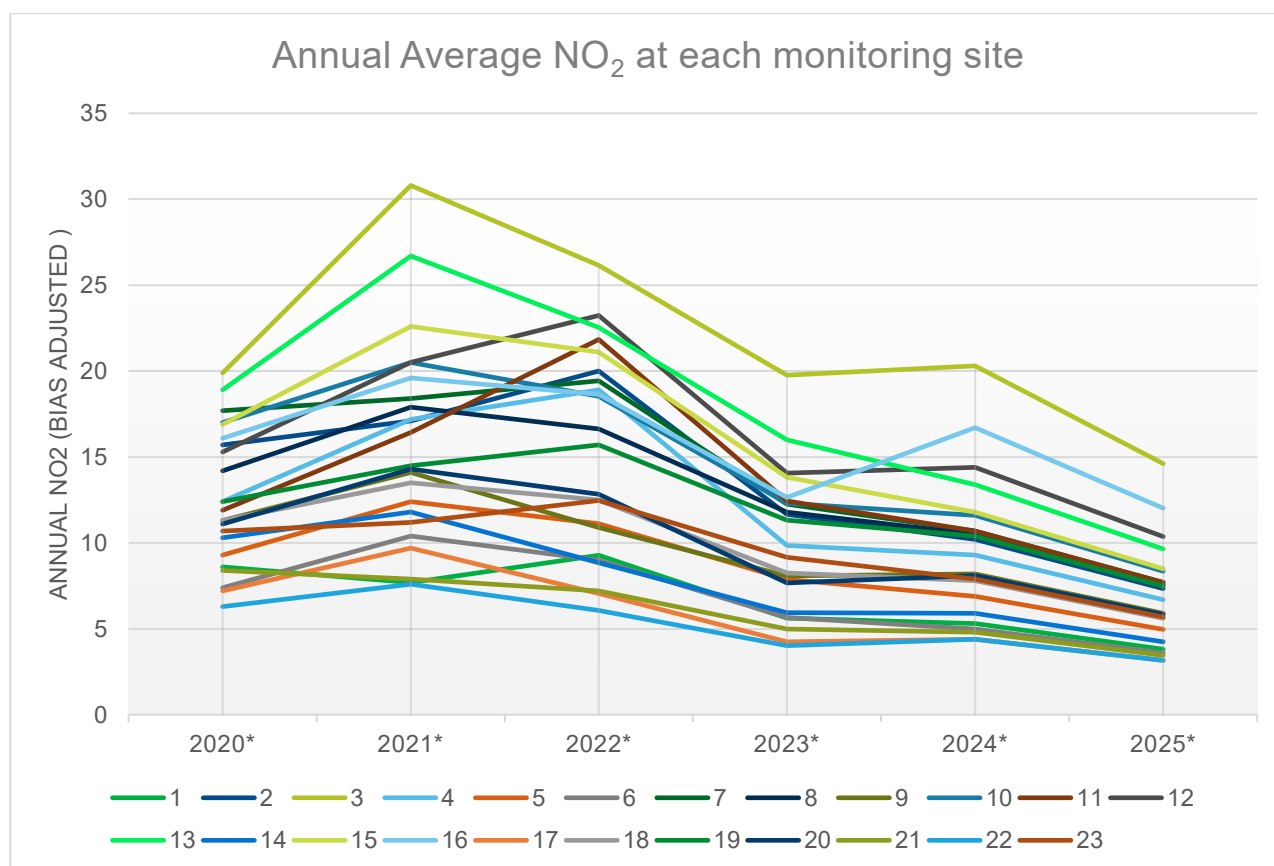


Figure 5: Nitrogen Dioxide diffusion tube results at each monitoring site 2020-2025

There has been no exceedances of the air quality objectives over the last twelve months.

3.2.2 Particulate Matter (PM₁₀)

PM₁₀ monitoring was undertaken at Sheddens Roundabout until mid-2014. Data results up until that time had indicated that there was no likelihood of failing to meet the hourly or annual mean objective for PM₁₀

3.2.3 Particulate Matter (PM_{2.5})

East Renfrewshire Council does not monitor PM_{2.5} and currently has no plans to do so

3.2.4 Sulphur Dioxide (SO₂)

East Renfrewshire Council does not monitor SO₂ as there are no significant sources of SO₂ in the area.

3.2.5 Carbon Monoxide, Lead and 1,3-Butadiene

East Renfrewshire Council does not monitor any of these pollutants as there are no significant sources of these pollutants within our area.

4 New Local Developments

There are significant new local residential developments currently either being considered under the development management system or are under construction around the south of Barrhead and Newton Mearns. As part of the development management process, air quality assessments are required for any significant development. These may be stand-alone assessments or may form a chapter of the wider Environmental Impact Assessment for the development. The conclusions of each of these air quality assessments has been reviewed by the Environmental Health Service; as background pollutant levels across the district are generally low, none of these developments has been considered to create a risk of exceedance of air quality objectives. Any of these air quality assessments can be viewed via East Renfrewshire Council's Online Planning Portal at:

<https://www.eastrenfrewshire.gov.uk/planning-and-building-standards>

4.1 Road Traffic Sources

2025 has not seen any new:

- Narrow congested streets with residential properties close to the kerb.
- Busy streets where people may spend one hour or more close to traffic.
- Roads with a high flow of buses and/or HGVs.
- Significant Junctions.
- New roads constructed or proposed
- Roads with significantly changed traffic flows.
- Bus or coach stations

4.2 Other Transport Sources

There are no airports or shipping ports within East Renfrewshire, nor are there any:

- Locations where diesel or steam trains are regularly stationary for periods of 15 minutes or more, with potential for relevant exposure within 15m.

- Locations with a large number of movements of diesel locomotives, and potential long-term relevant exposure within 30m.

Work commenced in January 2024 on the East Kilbride Enhancement project to electrify the Glasgow to East Kilbride rail line which serves much of East Renfrewshire. The first electric services began running on Sunday 14 December 2025. The project sees the introduction of electric trains serving Thronliebank, Giffnock, Clarkston and Busby railway stations. Additional information can be found on the Scotland's Railway website <https://scotlandsrailway.com/projects/east-kilbride-enhancements>

4.3 Industrial Sources

There are no new:

- **Industrial installations:** new or proposed installations for which an air quality assessment has been carried out.
- **Industrial installations:** existing installations where emissions have increased substantially or new relevant exposure has been introduced.
- **Industrial installations:** new or significantly changed installations with no previous air quality assessment.
- Major fuel storage depots storing petrol.
- Petrol stations.
- Poultry farms.

The Scottish Environmental Protection Agency have confirmed that, other than a new commercial small scale laundry, they have not received any applications for new , or significant variation to existing PPC part A and B operations or Waste Management Licences within East Renfrewshire Council area.

4.4 Commercial and Domestic Sources

There are no new:

- Biomass combustion plant – individual installations.
- Areas where the combined impact of several biomass combustion sources may be relevant.
- Areas where domestic solid fuel burning may be relevant.
- Combined Heat and Power (CHP) plant.

4.5 New Developments with Fugitive or Uncontrolled Sources

There have been no new applications for:

- Landfill sites.
- Quarries.
- Unmade haulage roads on industrial sites.
- Waste transfer stations, etc.
- Other potential sources of fugitive particulate matter emissions.

5 Planning Applications

There are significant areas of development around the south of Barrhead and Newton Mearns. These developments predominantly compromise residential development, together with associated community facilities e.g. schools. There is also approval for residential developments in areas to the north east of Barrhead and west of Newton Mearns regenerating industrial/commercial areas that have been lying vacant for a number of years.

Wherever such significant development is being considered, the Environmental Health Service recommends to the Development Management team that an air quality assessment is required. Often the developer's appointed consultant will contact the EH service to discuss the requirement for an assessment, obtain any available local monitoring data and agree a suitable methodology for the assessment.

For the smaller housing developments, the assessment usually comprises a stand-alone report. For larger scale developments, air quality is normally included as a chapter of the full Environmental Impact Assessment for the site. The assessment will cover both the construction and operational phases of the development. East Renfrewshire Council encourages developers to consider the cumulative effect of their own development and other nearby developments which are already the subject of a planning application or under construction.

6 Conclusions and Proposed Actions

6.1 Conclusions from New Monitoring Data

There were no exceedances of Scottish objectives identified within East Renfrewshire in 2025. The monitoring data shows a continued downward trend in NO_x levels over the last 5 years.

6.2 Conclusions relating to New Local Developments

There are areas of significant development around the south of the existing suburbs of Newton Mearns and Barrhead and a number of regeneration projects to bring vacant commercial and industrial land to the north of Barrhead and west of Newton Mearns back into use as residential areas. Much of this development is already under construction, although some is still being processed through the development management system. For all planning applications for significant development, air quality assessments are required. These assessments will include review of the impact on local air quality during any demolition works, construction works or the completed and operational phase of the development. None of these assessments have considered that any of the development present a risk of national air quality objectives being exceeded, primarily as a result of the comparatively low background levels of pollutants.

This notwithstanding, Environmental Health has liaised with the Development Management section and with other services across East Renfrewshire Council to work towards securing some mitigation of any impacts on local air quality. East Renfrewshire Council seeks to encourage active travel within the context of place-making for significant new developments.

As new developments are completed and occupied, Environmental Health will review East Renfrewshire Council's air quality monitoring network to ensure that it continues to be appropriate in both scale and location.

6.3 Proposed Actions

As there are no exceedances of national or Scottish air quality objectives within East Renfrewshire, there is no need to progress to any further formal assessments before the next Annual Progress Report (due June 2027).

Although there is no requirement to proceed through any additional formal stages of the Local Air Quality Management process, East Renfrewshire Council is committed to improving local air quality, as part of the council's strategic outcome agreement to ensure that "*East Renfrewshire is a thriving, attractive and sustainable place for businesses and residents*" and as a part of ERC Environment Department's wider 'Prevention' agenda. East Renfrewshire Council is also cognisant of the key role of local authorities in delivery of the Scottish Government "*Cleaner Air for Scotland 2*" strategy.

We will therefore be continuing to work throughout 2026/27 on air quality education projects within local schools and at community events, on vehicle idling enforcement and on promotion of the anti-idling message. East Renfrewshire Council is also committed to providing and promoting opportunities for active travel and will continue to deliver on this throughout 2026/27. East Renfrewshire Council will also support East Renfrewshire Culture and Leisure Trust in delivery of a community programme that will focus on Air Quality and the Environment through Citizen Science and Community Network Programmes.

Environmental Health will continue to liaise with colleagues in Development Management to ensure that air quality impacts from new developments are appropriately assessed and that mitigation measures are included wherever necessary.

Work and improvement on the rail network serving existing and new residents of East Renfrewshire will benefit the wider air quality and transport network with construction of the new Barrhead South (Balgray) Rail station.

East Renfrewshire Council will demonstrate our on-going commitment to improving local air quality throughout 2026/27, through developing partnerships between ERC services and with external organisations. This integrated partnership approach will help us to deliver beyond air quality compliance, to contribute to wider environmental and health benefits for our residents.

Appendix A: Monitoring Results

Table A.1 – Details of Non-Automatic Monitoring Sites

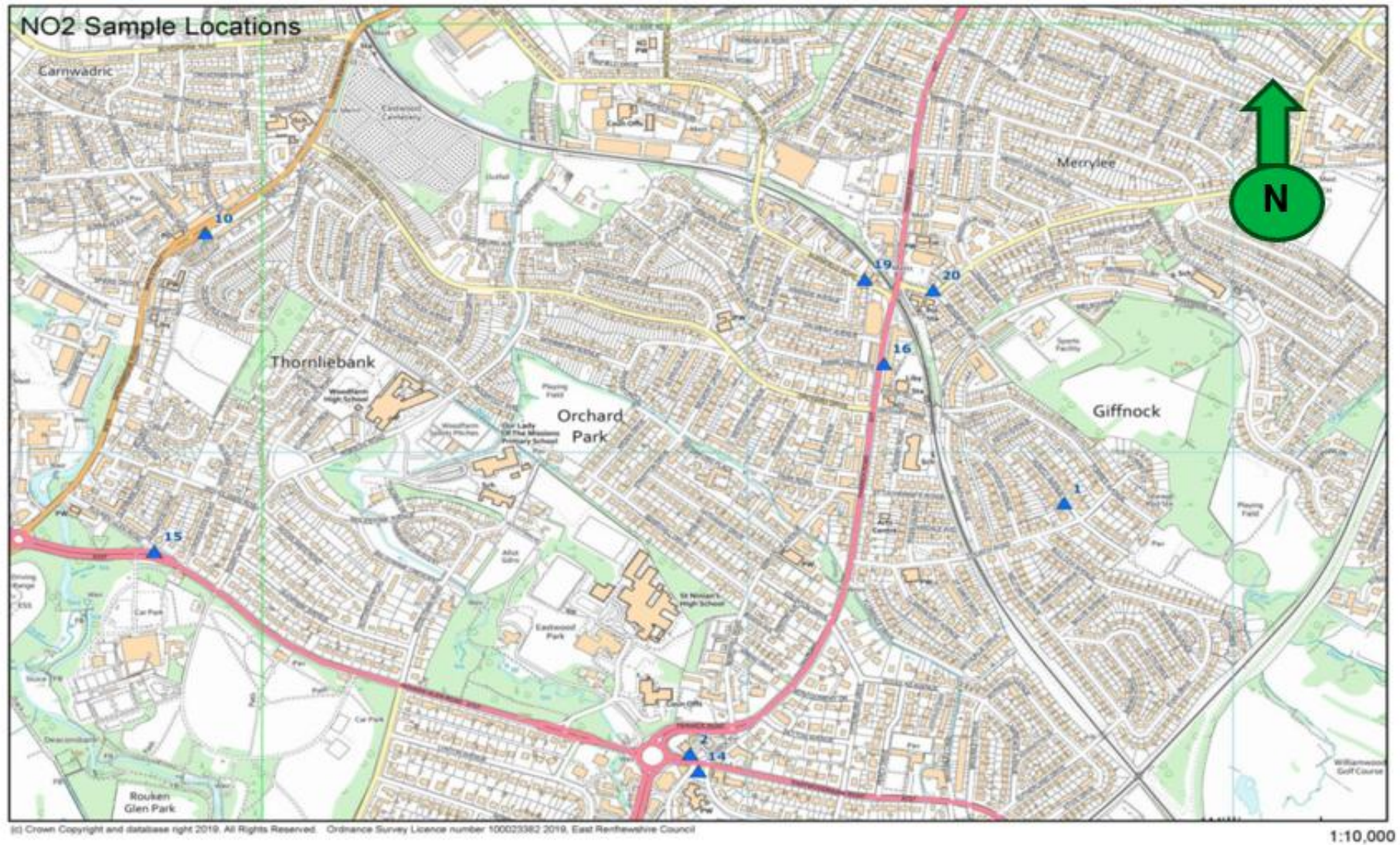
Site ID	Site Name	Site Type	X OS Grid Ref	Y OS Grid Ref	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) ⁽¹⁾	Distance to kerb of nearest road (m) ⁽²⁾	Tube co-located with a Continuous Analyser?	Tube Height (m)
1	Huntly Drive, Giffnock	Roadside	256633	658900	NO2	NO	2.2	0.2	No	2.0
2	Eastwoodmains Road	Kerbside	255950	658269	NO2	NO	5.0	2.5	No	2.0
3	Clarkston Toll	Roadside	257278	657569	NO2	NO	5.0	0.2	No	2.0
4	Sheddens Roundabout	Kerbside	257437	657092	NO2	NO	2.0	3.0	No	2.0
5	Riverside Terrace, Busby	Kerbside	257889	656601	NO2	NO	2.5	2.5	No	2.0
6	Main Street, Neilston	Kerbside	247958	657299	NO2	NO	1.0	2.5	No	2.0

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)
7	Kelburn St, Neilston Rd, Barrhead	Kerbside	249401	658377	NO2	NO	2.0	2.5	No	2.0
8	Cross Arthurlie St, Barrhead	Kerbside	249787	659237	NO2	NO	1.0	2.0	No	2.0
9	Darnley Rd, Barrhead	Kerbside	250845	659308	NO2	NO	5.0	2.5	No	2.0
10	Main St, Thornliebank	Kerbside	254759	659474	NO2	NO	5.0	2.5	No	2.0
11	Main St, Barrhead, North	Roadside	250651	659238	NO2	NO	5.0	0.5	No	2.0
12	Main St, Barrhead, South (Allans Corner)	Roadside	249845	658779	NO2	NO	15.0	0.5	No	2.0
13	Lochlibo Rd at W. Arthurlie	Kerbside	249344	658392	NO2	NO	7.0	4.0	No	2.0
14	Eastwoodmains Rd, Mains Ave	Kerbside	255709	658109	NO2	NO	5.0	2.0	No	2.0

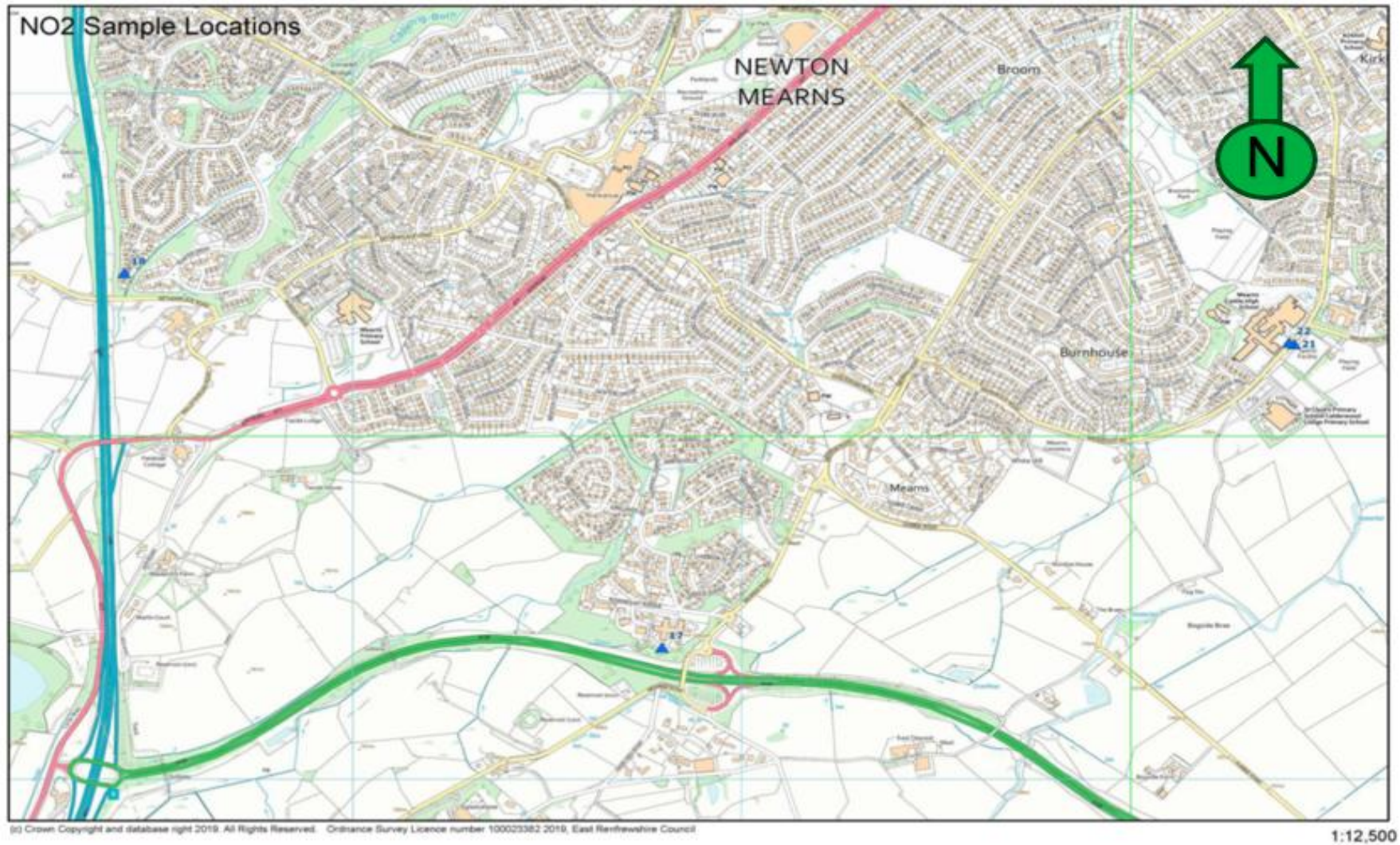
Site ID	Site Name	Site Type	X OS Grid Ref	Y OS Grid Ref	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) ⁽¹⁾	Distance to kerb of nearest road (m) ⁽²⁾	Tube co-located with a Continuous Analyser?	Tube Height (m)
15	Rouken Glen Rd	Kerbside	254777	658770	NO2	NO	5.0	2.0	No	2.0
16	195 Fenwick Road	Kerbside	256279	659209	NO2	NO	2.0	0.5	No	2.0
17	Mearnskirk Nursing Home	Roadside	253798	655385	NO2	NO	2.5	1.0	No	2.0
18	Brodict Place, Newton Mearns	Roadside	252407	655475	NO2	NO	1.0	0.2	No	2.0
19	Burnfield Road	Roadside	256218	659414	NO2	NO	1.0	1.5	No	2.0
20	Braidholm Rd, Giffnock	Roadside	256381	659380	NO2	NO	4.5	2.0	No	2.0
21	Mearns Castle High School Sports	Kerbside	255418	655265	NO2	NO	10.0	2.0	No	2.0
22	Mearns Castle High School Entrance	Kerbside	255405	655274	NO2	NO	5.0	0.5	No	2.0

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)
23	Eastwood Health Centre Drumby Crescent	Kerbside	256728	658007	NO2	NO	5.0	3.0	No	2.0

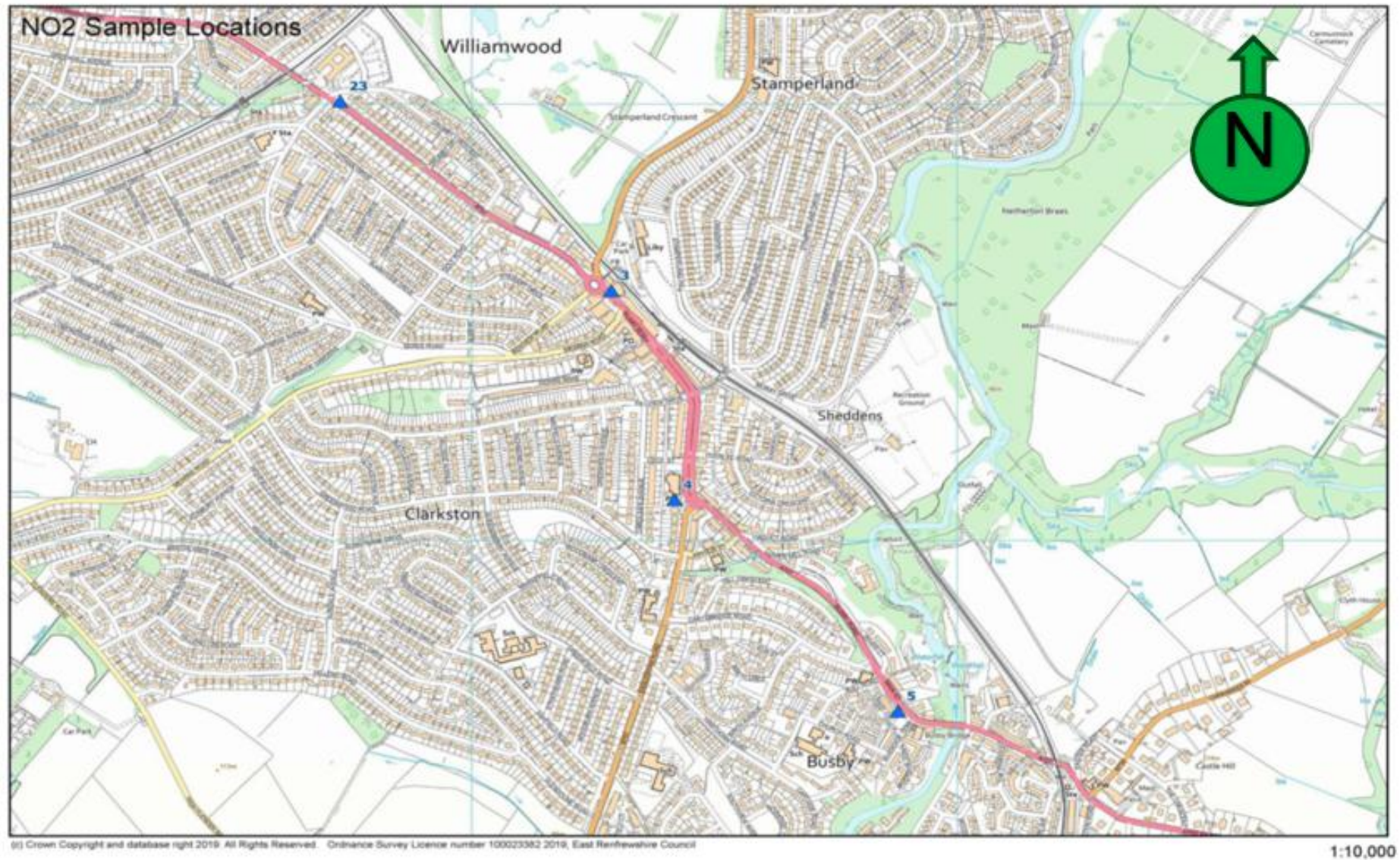
THORNLIEBANK AND GIFFNOCK



NEWTON MEARNS (South)



CLARKSTON AND BUSBY



BARRHEAD AND NEILSTON

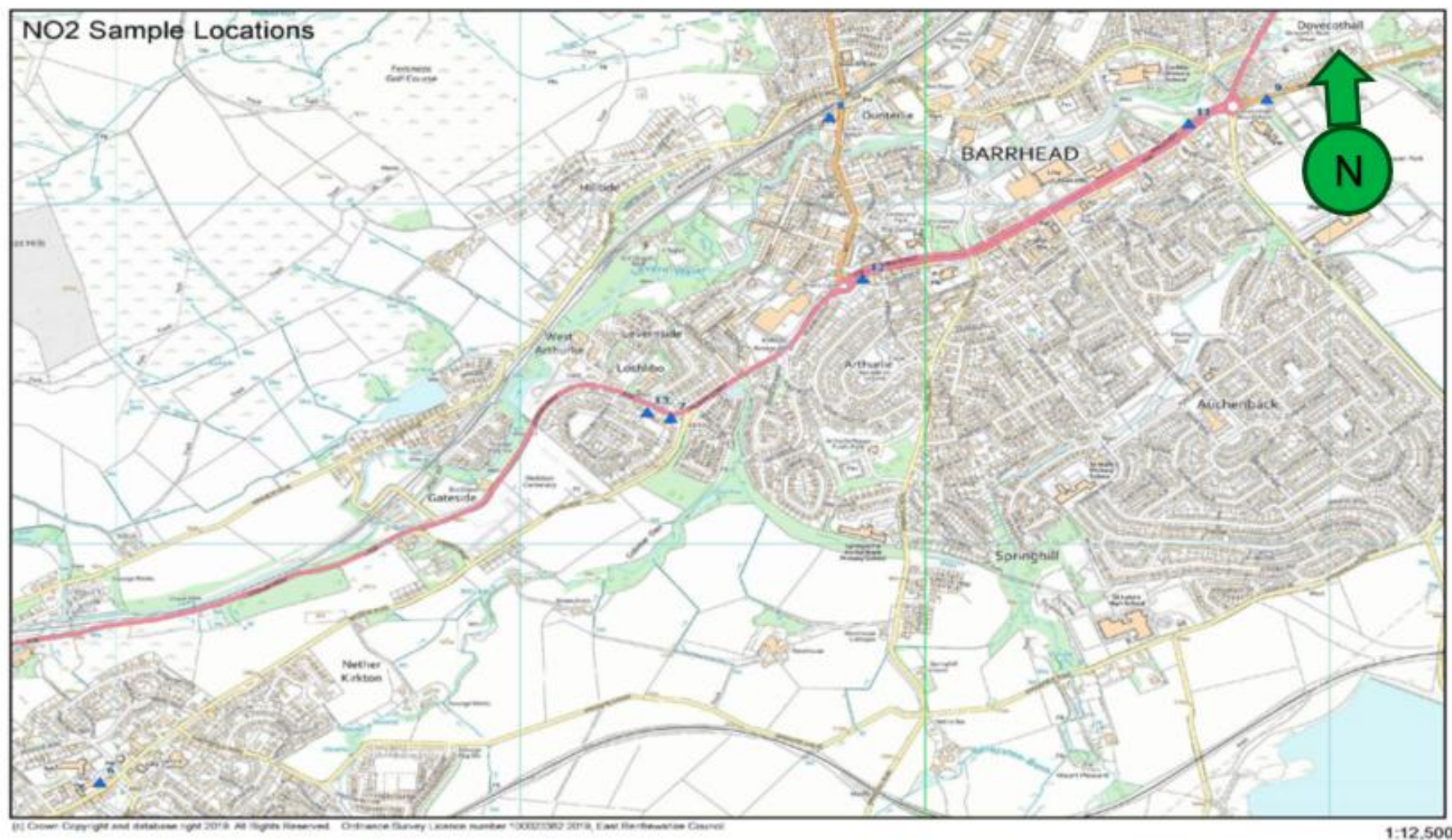


Table A.2 – Annual Mean NO₂ Monitoring Results: Non-Automatic Monitoring (µg/m³)

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
1	256633	658900	Roadside	100	100	7.7	9.3	5.6	5.3	4.3
2	255950	658269	Kerbside	100	100	17.1	20.0	11.7	10.2	6.9
3	257278	657569	Roadside	100	91.7	30.8	26.1	19.8	20.3	15.6
4	257437	657092	Kerbside	100	100	17.2	18.9	9.9	9.3	8.0
5	257889	656601	Kerbside	100	91.7	12.4	11.1	7.9	6.9	5.6
6	247958	657299	Kerbside	100	100	10.4	9.0	5.7	5.0	4.2
7	249401	658377	Kerbside	100	100	18.4	19.4	12.3	10.7	8.3
8	249787	659237	Kerbside	100	100	17.9	16.6	11.8	10.5	7.9
9	250845	659308	Kerbside	100	100	14.1	10.9	8.1	8.2	5.5

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
10	254759	659474	Kerbside	100	91.7	20.5	18.5	12.3	11.6	9.7
11	250651	659238	Roadside	100	100	16.4	21.8	12.4	10.7	10.1
12	249845	658779	Roadside	100	100	20.5	23.2	14.1	14.4	7.1
13	249344	658392	Kerbside	100	91.7	26.7	22.5	16.0	13.4	11.1
14	255709	658109	Kerbside	100	100	11.8	8.8	5.9	5.9	4.3
15	254777	658770	Kerbside	100	91.7	22.6	21.1	13.8	11.8	10.3
16	256279	659209	Kerbside	100	91.7	19.6	18.6	12.6	16.7	9.2
17	253798	655385	Roadside	100	100	9.7	7.1	4.2	4.4	3.0
18	252407	655475	Roadside	100	100	13.5	12.5	8.2	7.8	5.2
19	256218	659414	Roadside	100	91.7	14.5	15.7	11.3	10.4	6.5
20	256381	659380	Roadside	100	100	14.3	12.8	7.7	8.1	4.5

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
21	255418	655265	Kerbside	100	100	7.9	7.2	5.0	4.8	3.8
22	255405	655274	Kerbside	100	100	7.6	6.1	4.0	4.4	3.0
23	256728	658007	Kerbside	100	100	11.2	12.5	9.2	7.9	5.5

 **Diffusion tube data has been bias adjusted**

Notes:

Exceedances of the NO₂ annual mean objective of 40 µg/m³ are shown in bold.

NO₂ annual means exceeding 60 µg/m³, indicating a potential exceedance of the NO₂ 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.

(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 – NO₂ 2025 Monthly Diffusion Tube Results (µg/m³)

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 (0.72)	Annual Mean: Distance Corrected to Nearest Exposure	Comment
1	256633	658900	8.8	6.3	4.5	15.7	1.8	2	1.8	2.3	4	6	12.8	5.9	5.99	4.3	N/A	
2	255950	658269	16.7	9.7	11.4	6.6	9.5	4.1	3.6	4.8	8.9	10.6	17.5	12	9.62	6.9	N/A	
3	257278	657569	33.6	25.7		16.9	17	9.4	11.1	17.2	20.7	22.3	39.5	24.3	21.61	15.6	N/A	
4	257437	657092	23.7	15.6	9.6	6.8	6.1	4.4	3.7	5.5	9.9	11.8	21.8	15.2	11.18	8.0	N/A	
5	257889	656601	12.5	13.2	6.1	14	7.4	3.2	3	4.2	6.3	6.5		8.8	7.75	5.6	N/A	
6	247958	657299	11.1	10.8	6.6	3	4	2	2	4.8	4.8	6.1	6.6	9	5.90	4.2	N/A	
7	249401	658377	20.5	22.7	8.6	9.9	9.3	5.1	5.1	8.7	9.5	10.8	18.4	10	11.55	8.3	N/A	
8	249787	659237	22.7	18	11	8	4.7	4.2	3.2	6.7	8.2	11.2	18.4	15.6	10.99	7.9	N/A	
9	250845	659308	14.4	13.1	6.3	5.1	4.2	3.7	2.6	3.9	5.7	7.2	15.2	10.2	7.63	5.5	N/A	
10	254759	659474	22.4	19	11.6	8.2		4.7	6	10.5	12.4	13.2	21.4	18.7	13.46	9.7	N/A	

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 (0.72)	Annual Mean: Distance Corrected to Nearest Exposure	Comment
11	250651	659238	22.3	17.7	12.8	7.6	13.4	5.5	3.3	9.5	15.4	16	29.8	14.9	14.02	10.1	N/A	
12	249845	658779	2.2	13.9	10	9.7	7.8	6.8	5.2	9.9	13	11.3	16.4	11.4	9.80	7.1	N/A	
13	249344	658392	15.4	27.1	10.5	11.8		17.3	7.4	11.4	15.5	11.7	24.4	17.2	15.43	11.1	N/A	
14	255709	658109	13.2	8	5.3	2.7	4	2	1.6	4.7	5.8	5.1	11.1	8.8	6.03	4.3	N/A	
15	254777	658770	29.1	17	12.4	6.8		9	4.1	9.1	16.8	14.9	19.9	18	14.28	10.3	N/A	
16	256279	659209	26.6	15.3	11.4	9.6	10.3		1.6	8.3	13.8	9.5	18.5	15.5	12.76	9.2	N/A	
17	253798	655385	9.4	5.9	3.5	2.9	2.8	2	1.6	2.5	3.8	4.5	4.9	5.7	4.13	3.0	N/A	
18	252407	655475	13.8	10.3	6.2	5.1	4.4	3.9	3.1	2.9	6.9	10.3	10.5	9.9	7.28	5.2	N/A	
19	256218	659414	22.5	6.9		6.3	9.5	2.4	3.5	4.9	8.2	6.8	14.8	13.7	9.05	6.5	N/A	
20	256381	659380	2.2	8.8	5.6	3.4	5.8	3.5	2.7	5.3	7.2	9.2	11.9	8.8	6.20	4.5	N/A	
21	255418	655265	16.4	7.9	7.2	2.3	2	2	1.6	2.1	4.4	4.6	7.5	4.5	5.21	3.8	N/A	
22	255405	655274	7.9	6	7	2.8	3.1	2	1.6	2.5	2.8	3.4	5.1	5.1	4.11	3.0	N/A	

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 (0.72)	Annual Mean: Distance Corrected to Nearest Exposure	Comment
23	256728	658007	13.5	11.9	8.6	5	7.1	2	1.6	3.8	5.4	6.6	15.9	9.8	7.60	5.5	N/A	

- ☒ All erroneous data has been removed from the NO₂ diffusion tube dataset presented in Table B.1
- ☒ Annualisation has been conducted where data capture is <75% and >25% in line with LAQM.TG22
- ☒ National bias adjustment factor used (0.72)
- ☒ East Renfrewshire Council confirm that all 2025 diffusion tube data has been uploaded to the Diffusion Tube Data Entry System

Notes:

Exceedances of the NO₂ annual mean objective of 40 µg/m³ are shown in **bold**.

NO₂ annual means exceeding 60 µg/m³, indicating a potential exceedance of the NO₂ 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 East Renfrewshire Council During 2025

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

Additional Air Quality Works Undertaken by East Renfrewshire Council During 2025

East Renfrewshire Council has not completed any additional works within the reporting year of 2025.

QA/QC of Diffusion Tube Monitoring

Diffusion Tube Annualisation

All diffusion tube monitoring locations within East Renfrewshire Council recorded data capture of 75% therefore it was not required to annualise any monitoring data.

Diffusion Tube Bias Adjustment Factors

East Renfrewshire Council have applied a national bias adjustment factor of 0.72 to the 2025 monitoring data. A summary of bias adjustment factors used by East Renfrewshire Council over the past five years is presented in Table C.1.

The diffusion tubes are supplied and analysed by Glasgow Scientific Services (GSS) and are prepared using the 20% TEA in water method and in accordance with the procedures set out in the practical guidance. East Renfrewshire has not carried out any co-location studies itself, although co-location studies are available for GSS. The Department for Environment and Rural Affairs (DEFRA) reports that in co-location testing in 2025, GSS completed 1 assessment (see <https://laqm.defra.gov.uk/air-quality/air-quality-assessment/national-bias/>)

DEFRA further reports that the 2025 bias adjustment factor for GSS is 0.72 (see Spreadsheet 03/26) This bias adjustment factor has therefore been applied to the annual average diffusion tube results reported above. Laboratory performance in analysing diffusion tubes is subject to quality assurance/control under the AIR-PT scheme operated by LGC and supported by the Health and Safety Laboratory

Table C.1 – Bias Adjustment Factor

Year	Local or National	If National, Version of National Spreadsheet	Adjustment Factor
2025	National	03/26	0.72
2024	National	04/25	0.82
2023	National	03/24	0.74
2022	National	03/23	1.05
2021	National	06/22	1.11

NO₂ Fall-off with Distance from the Road

No diffusion tube NO₂ monitoring locations within East Renfrewshire Council required distance correction during 2025.

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)
CAFS	Clean Air For Scotland
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
ERC	East Renfrewshire Council
ESS	Environmental sustainability Strategy
EV	Electric Vehicle
FDMS	Filter Dynamics Measurement System
GHG	Green house Gasses
GTZ	Get to Zero
GTZAP	Get To Zero Action Plan
ICE	Internal Combustion Engine
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
SEPA	Scottish Environmental Protection Agency
SO ₂	Sulphur Dioxide

References

Cleaner Air For Scotland 2: Towards a Better Place for Everyone.

<https://www.gov.scot/publications/cleaner-air-scotland-2-towards-better-place-everyone/documents/>

East Renfrewshire A Place to Grow- A Partnership Vision for 2040

[East Renfrewshire A Place to Grow](#)

East Renfrewshire Local Transport Strategy Case for Change Report – 2024 Addendum (January 2025)

[2024 Case for Change update](#)

East Renfrewshire Local Transport Strategy (2025) – Draft For Consultation

[East Renfrewshire Local Transport Strategy \(Draft\)](#)

Get to Zero – A Climate Action Plan for East Renfrewshire

[GTZAP Published Feb 2024.pdf](#)