



# BRAUNSTONE TOWN COUNCIL

Serving the communities of Braunstone Town and Thorpe Astley

*Darren Tilley – Chief Executive & Town Clerk*

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## PLANNING APPLICATIONS

### PUBLIC INSPECTION OF PLANS AND PARTICIPATION

1. The Planning Applications can be inspected at the offices of Blaby District Council to whom representations should be made and they are also available Blaby District Council's website at [www.blaby.gov.uk](http://www.blaby.gov.uk) under Planning Application Search
2. A list of the applications to be considered by the Town Council's Planning & Environment Committee are listed on the Town Council's website [www.braunstonetowncouncil.org.uk](http://www.braunstonetowncouncil.org.uk)
3. The applications will be considered by the Braunstone Town Council's Planning and Environment Committee, which may make its own observations and forward them to the relevant Planning Authority.
4. Braunstone Town Council and Blaby District Council have introduced procedures to enable applicants, objectors and supporters to speak on applications brought before their relevant Committees.

18<sup>th</sup> October 2023

**To:** *Councillor Robert Waterton (Chair), Councillor Sam Maxwell (Vice-Chair) and Councillors Anthea Ambrose, Richard Forrest, Leanne Lee, Satindra Sangha, Gary Sanders, Darshan Singh, Imran Uddin, Marion Waterton and Mark Widdop.*

Dear Councillor

You are summoned to attend a meeting of the **PLANNING & ENVIRONMENT COMMITTEE** to be held in the **Ravenhurst Room** at Braunstone Civic Centre on **Thursday 26<sup>th</sup> October 2023** commencing at **7.30pm**, for the transaction of the business as set out below.

Alternatively, members of the public may observe this meeting, and make contributions under the Public Session item, using Zoom video and web conferencing software (details below).

Join Zoom Meeting

<https://us06web.zoom.us/j/86027904546?pwd=a6SMLIDagH4mv3HphGNPNkmsZFYyF.1>

Meeting ID: 860 2790 4546

Passcode: 919103

Yours sincerely,

Chief Executive & Town Clerk

## AGENDA

1. **Apologies**  
To receive apologies for absence.
2. **Disclosures of Interest**  
To receive disclosures of Interest in respect of items on this agenda:
  - a) Disclosable Pecuniary Interests,
  - b) Other Interests (Non-Pecuniary).
3. **Public Participation**  
Members of the public may submit a petition and/or make representations, give evidence or answer questions in respect of any item of business included on the agenda. At the discretion of the Chairperson the meeting may be adjourned to give members of the public present an opportunity to raise other matters of public interest.
4. **Minutes of the Meeting held 24<sup>th</sup> August 2023**  
To confirm the accuracy of the Minutes of the Meeting held on 24<sup>th</sup> August 2023 to be signed by the Chairperson (**Enclosed**).
5. **Planning and Licensing Applications dealt with under Delegated Authority**  
To receive and note responses to planning and licensing applications taken under Delegated Authority (**Enclosed**).
6. **Planning and Licensing Applications**  
To agree observations on planning and licensing applications received (**Enclosed**).
7. **Additional Planning and Licensing Applications**  
To agree observations on planning and licensing applications received since the publication of the agenda (if any).
8. **Planning Decisions**  
To receive and note planning decisions made by Blaby District Council (**Enclosed**).
9. **Feedback on Planning Application Decisions**  
To receive feedback concerning planning application decisions by Blaby District Council where the Committee has queried the decision; as follows:
  - a) Cllr Robert Waterton – To contact a senior Planning Officer at Blaby District Council in respect of ensuring consistency of approach when applying conditions relating to off-road parking. To understand why two planning applications, which would result in the properties concerned having four bedrooms, had been determined differently:
    - Application 22/1006/HH; 31 Headley Road, had been approved with 2 on-site parking spaces; while

- Application 23/00871/HH; 8 Cranberry Close, had been rejected for not providing 3 on-site parking spaces but 2 and therefore not complying with the Parking Policy.
  - Application 23/0427/HH; single storey side and rear extensions, at 3 Crowhurst Drive, since the Town Council has objected to the proposal due to insufficient parking and the local planning authority had given approval.
- b) Cllr Mark Widdop – contact the Planning Case Officer for more information behind the planning decision 23/0236/HH, Single storey front extension, at 57 St Mary’s Avenue; and
- c) Cllr Gary Sanders – contact the Planning Case Officer for more information behind the planning decision 23/0224/HH, Single storey front extension, at 45 Bolus Road.

**10. Braunstone Village Conservation Area Extension**

To receive an update on the arrangements and timescales for the process to consider whether to extend the Braunstone Village Conservation Area to the South of Braunstone Lane (**Enclosed**).

**11. Neighbourhood Planning**

To review the position concerning whether the Town should be designated as a Neighbourhood for the purposes of undertaking a Neighbourhood Plan (**Enclosed**).

**12. Signage to Braunstone Town**

To receive a suggestion, made by residents attending Citizens’ Advisory Panel on 31st August 2023, that directional signage to Braunstone Town approaching Fosse Park island from the M1 and M69 needed to be improved; and to determine the Town Council’s response (**Enclosed**).

**13. Request from County Councillor to replace Gateway Signs to Braunstone Town**

To consider a request from the County Councillor for Braunstone Division for the County Council to fund and replace some of the Gateway signs to Braunstone Town (**Enclosed**).

**14. Air Quality Monitoring Annual Status Report 2023**

To receive the Blaby District Air Quality Monitoring Annual Status Report for consideration (**Enclosed**).

**15. Motion on Notice from Council: Woodland off Brockenhurst Drive, Braunstone Town**

To consider a Motion on Notice referred from Council on 21<sup>st</sup> September 2023 relating to the protection of woodland off Brockenhurst Drive, Braunstone Town (**Enclosed**).

**16. Lubbesthorpe Impacts Group**

To receive an update on progress concerning matters relating to the Lubbesthorpe development and to report on the recent meeting of the Lubbesthorpe Impacts Group.

**17. Financial Comparisons**

To receive Financial Comparisons for the period of 1<sup>st</sup> April 2023 to 17<sup>th</sup> August 2023 (**Enclosed**).

**18. Approval of Accounts**

To consider payments from 16<sup>th</sup> August 2023 until 17<sup>th</sup> October 2023 (**Enclosed**).

*Next Scheduled Meeting: 14<sup>th</sup> December 2023.*



**NOTE:**

*CRIME & DISORDER ACT 1998 (SECTION 17) – The Council has an obligation to consider Crime and Disorder implications of all its activities and to do all that it can to prevent Crime and Disorder in its area.  
EQUALITIES ACT 2010*

*Braunstone Town Council has a duty in carrying out its functions to have due regard to:-*

- eliminate unlawful discrimination, harassment and victimisation;*
- advance equality of opportunity between different groups; and;*
- foster good relations between different groups*

*To ensure that no person receives less favourable treatment on the basis of race, disability, sex, gender re-assignment, sexual orientation, age, religion or belief, marriage or civil partnership, pregnancy or maternity.*

**BRAUNSTONE TOWN COUNCIL**

**MINUTES OF PLANNING & ENVIRONMENT COMMITTEE**

**HELD AT BRAUNSTONE CIVIC CENTRE**

**THURSDAY 24<sup>th</sup> AUGUST 2023**

**PRESENT:** Councillor Gary Sanders (in the Chair for the meeting) and Councillors Anthea Ambrose, Nick Brown (substituting for Councillor Robert Waterton), Richard Forrest, Becca Lunn-Scoppie (substituting for Councillor Sam Maxwell), Darshan Singh, Imran Uddin and Mark Widdop.

**Officers in attendance:** Darren Tilley, Chief Executive & Town Clerk.

There were no members of the public present at the meeting.

**14. Election of Chair for the Meeting**

In the absence of both the Chair and Vice-Chair, both of whom had sent their apologies for the meeting, the Chief Executive & Town Clerk invited Councillors to nominate a Chair for the meeting.

It was proposed by Councillor Nick Brown and seconded by Councillor Anthea Ambrose and

**RESOLVED** that Councillor Gary Sanders be elected Chair for the meeting.

Councillor Gary Sanders duly took the Chair.

**15. Apologies**

Apologies for absence were received from Councillors Leanne Lee, Sam Maxwell, Marion Waterton and Robert Waterton.

**16. Disclosures of Interest**

There were no disclosures of any Disclosable Pecuniary or Non-Pecuniary Interests by Members.

**17. Public Participation**

In accordance with Standing Order 3.6, members of the public may submit a petition and/or attend the meeting for the purpose of making representations, giving evidence or answering questions in respect of any item of business included on the agenda.

There were no members of the public present.

**18. Minutes of the Meeting held 8<sup>th</sup> June 2023**

The Minutes of the Meeting held on 8<sup>th</sup> June 2023 were circulated (item 4 on the agenda).

**RESOLVED** that the Minutes of the meeting held on 8<sup>th</sup> June 2023 be approved and signed by the Chairperson as a correct record.

**19. Planning and Licensing Applications dealt with under Delegated Authority**

The Committee received and noted responses to planning and licensing applications taken under Delegated Authority (item 5 on the agenda).

**RESOLVED** that the action taken by the Chief Executive & Town Clerk under delegated authority in forwarding the following observations to Blaby District Council be noted:

Planning Applications

**1. Application No:** 23/0234/FUL

**Description:** Erection of Use Class B2/B8/Class E unit with associated access and parking.

The following amendments have been made to this application:

1. Technical reports submitted for Ecology Appraisal, Biodiversity Metric, Habitat Condition Assessment, Energy & Sustainability Statement and Biodiversity Net Gain Assessment.
2. Updated parking provision including updated Swept Path Analysis, Flood Risk Assessment, Drainage Layout and Transport Statement.
3. Proposal amended to incorporate 10.8m PV array consisting of 6 no. solar PV panels.

**Location:** Land to the West of Autoglass Ltd Meridian North Braunstone Town Leicestershire

**Response:** *Braunstone Town Council objects to the application due to the proposals:*

- a) *resulting in over-development of the site due to scale and massing;*
- b) *being poorly designed and resulting in a cramped site layout;*
- c) *providing an additional highway access wedged between two existing site access points; and*
- d) *potentially compromising the development of the wider area.*

**Reasons:**

- a) *The total floor space of the unit would be large compared to the site as a whole; 1957 square metres on half a hectare of land.*
- b) *The irregular shape of the plot meant that the unit and associated parking and access would be cramped; there would be significant conflicts between lorry, delivery, staff and visitor parking and pedestrian movements on the site, presenting safety concerns. There was a potential for back up onto the highway if several vehicles arrived/left and needed to manoeuvre at the same time.*
- c) *The neighbouring sites were of a significant size and operated with a significant amount of comings and goings; the provision of a new access wedged between both these access points close to a bend would present significant safety concerns for highway users, including pedestrians, and users of the three sites.*
- d) *Land north of Meridian North and South of Centurion Way around the Watergate Lane area has been left undeveloped. In the past various proposals utilising land in this area have been put forward to provide a direct link road from the M1 southbound onto the M69. Land on the other side of the M1 to the M69 was also being left undeveloped as part of the outline approval for New Lubbethorpe. Additional development in this area could prevent proposals to improve the motorway network in the future, thereby limiting economic growth and development in the area.*

2. **Application No:** 23/0403/FUL

**Description:** Change of use from detached garage to new dwelling

**Location:** 518 Braunstone Lane Braunstone Town  
Leicestershire (St. Mary's Ward)

**Response:** *Braunstone Town Council objects; due to the proposed development:*

- a) *being significantly out of keeping with the character and appearance of the street scene;*
- b) *having an unsatisfactory relationship with nearby uses that would be significantly detrimental to the amenities enjoyed by the occupiers of the proposed and existing dwellings; and*
- c) *being of unsatisfactory design.*

**Reasons:**

- a) *The proposed dwelling would be a converted single storey garage; the design of which would*

*be out of keeping with the bay fronted traditional styled surrounding properties.*

- b) Both the neighbouring properties and the properties opposite were two storey houses and would have an overbearing effect on the proposed single storey one-roomed property. The lack of curtilage around the proposed property meant the properties would be in close proximity and with no opportunity to landscape, there could be an adverse impact on the existing and proposed dwelling in terms of disturbance, noise, and privacy.*
- c) The property would not contain any functional private outdoor amenity space and the size of the property would make living conditions both cramped in nature with little natural light. As a result the accommodation would be unfit for permanent habitation.*

**3. Application No:** 23/0431/HH

**Description:** Single storey rear and side extension

**Location:** 3 Edward Avenue Braunstone Town Leicestershire LE3 3FU (Millfield Ward)

**Response:** *Braunstone Town Council does not object to the proposals; subject to:*

- a) on-site parking for three vehicles being maintained on the curtilage of the property in perpetuity; and*
- b) the ground floor side window in the south eastern elevation remaining of opaque glass and no additional windows in the ground floor south eastern side elevation without the explicit consent of the local planning authority.*

**Reasons:**

- a) To avoid additional parking on the highway (including the footway) close to a junction, presenting safety concerns to highway users (including pedestrians).*
- b) The existing window overlooked the neighbouring property, albeit an outbuilding. The occupier of the neighbouring property could demolish the outbuilding or create a similar extension. An unobscured window and any additional windows located here would have an adverse impact on the amenity enjoyed by the occupants of both properties in terms of noise and privacy.*



**4. Application No:** 23/0514/FUL

**Description:** Change of use from C3 (Dwellinghouses) to C2 (Residential Institutions) to allow use as a Children's Home

**Location:** 1 Little Masons Close Thorpe Astley Braunstone Town Leicestershire (Thorpe Astley Ward)

**Response:** *Braunstone Town Council does not object to the application to change the use of this dwelling house into a children's home; subject to:*

- a) One child only aged between 12 and 18 years old inclusive at any one time being accommodated at the property without explicit consent being sought from and granted by the local planning authority;*
- b) On-site parking for at least two vehicles (including the Garage space) being retained for parking at all times; and*
- c) Strict accordance with the arrangements for visitors (professional and non-professional), as set out in the submitted planning statement.*

**Reasons:** *The scheme would create support for a child in a residential rather than institutional setting; however,*

- a) any expansion may result in undue noise and disturbance;*
- b) to avoid additional on street parking close to a junction, which could present highway safety concerns; and*
- c) to protect the amenity enjoyed by the residents of the neighbouring properties, particularly in terms of noise and disturbance.*

**5. Application No:** 23/0582/HH

**Description:** Single storey side and rear extensions with associated alterations

**Location:** 114 Braunstone Lane Braunstone Town Leicestershire LE3 2RU (Ravenhurst Ward)

**Response:** *Braunstone Town Council does not object to the proposals; subject to at least the current number of on-site parking spaces (including the Garage space) being retained for parking at all times.*

**Reasons:** *To avoid additional on street parking close to a junction, which could present highway safety concerns.*

- 6. Application No:** 23/0428/FUL
- Description:** Erection of one dwelling and detached garage with associated access
- Location:** 396 Braunstone Lane Braunstone Town Leicestershire LE3 3DF (St Mary's Ward)
- Response:** *Braunstone Town Council does not object to the application; subject to:*
- a) *the internal layout of the proposed dwelling, including the size of the rooms, meeting the relevant standards for the type of accommodation;*
  - b) *two on-site parking spaces for the new dwelling being of hard standing and remaining available for parking in perpetuity; and*
  - c) *replacement on-site parking for 396 Braunstone Lane, being of hard standing permeable material being provided within the new curtilage of the property.*
- Reasons:** *The curtilage of the existing property was of sufficient size;*
- a) *it was important to provide affordable homes while ensuring the accommodation was suitable for habitation;*
  - b) *to avoid additional parking on the highway (including the footway) close to a junction, which could present highway safety issues; and*
  - c) *to ensure suitable alternative parking was provided for the existing dwelling, which could be used all year round while avoiding excessive surface water run off.*
- 7. Application No:** 23/0427/HH
- Description:** Single storey side and rear extensions
- Location:** 3 Crowhurst Drive Braunstone Town Leicestershire LE3 2UJ (Millfield Ward)
- Response:** *Braunstone Town Council objects to the current proposal on the grounds that there was insufficient provision for on-site parking.*

**Reason:** *The property was situated on a reasonable sized plot and a single storey extension was unlikely to have any adverse impact on the amenity of the neighbouring properties. However, the proposal removed the existing Garage space and did not provide for alternative parking within the curtilage of the property. The proposal shows only one on-site parking space, which was too small for a larger vehicle. The proposal risked additional highway parking close to a road junction, which may have an adverse impact on the safety of users of the highway (including the footway).*

**8. Application No:** 23/0588/HH

**Description:** Single Storey Side Extension

**Location:** 25 Woodcote Road Braunstone Town Leicestershire LE3 2WE (Millfield Ward)

**Response:** *Braunstone Town Council does not object to the proposals.*

**Reasons:** *The proposed extension was single storey, on a similar footprint to the existing garage, set back from the road on a reasonable sized plot; therefore, there was unlikely to be an adverse impact on the amenity enjoyed by neighbouring properties. There was sufficient alternative on-site parking available.*

**9. Application No:** 23/0580/HH

**Description:** Single storey side and rear extension and associated alterations

**Location:** 29 Una Avenue Braunstone Town Leicestershire LE3 2GS (Ravenhurst Ward)

**Response:** *Braunstone Town Council does not object to the proposals, subject to the following:*

- a) on-site parking provision for at least two vehicles on a hard standing porous surface; which must remain permanently available for use; and*
- b) no side windows, openings or ventilation in the side elevation of the extension without the explicit consent of the local planning authority.*

**Reasons:** *a) It was assumed the property was a three bedroomed property; in accordance with Leicestershire Highway Guidance, on-site parking for at least two vehicles should be provided to avoid additional highway parking close to a junction, which could present safety*

- issues for highway users. The surface needed to be permanent and allow drainage to avoid additional surface water run off onto the highway.*
- b) *To avoid an adverse impact on the amenity enjoyed by the neighbouring property in terms of privacy and noise.*

**10. Application No:** 23/0444/TEL

**Description:** Amendments to original planning application to determine if prior approval is required for the installation of 15.0m Phase 8 Monopole and associated ancillary works and cabinets

**Location:** Lubbethorpe Way Thorpe Astley Braunstone Town Leicestershire

**Response:** *Braunstone Town Council does not object to the application for prior approval for the installation of the equipment on the verge (i.e. off the highway, footway and cycleway), subject to:*

- a) *provision for a hardstanding area off the highway (including off the footpath/cycleway) to provide an area for maintenance vehicles and maintenance work to be undertaken on the installation; and*
- b) *the drainage, including the rate of the water flow through the ditch being unaffected/retained.*

**Reasons:** *The siting of the installation generally was considered acceptable and would not adversely impact on the visual amenity of the street scene. However,*

- a) *the busy dual carriageway would make it difficult for maintenance vehicles to park on the carriageway; any parking on the footpath/cycleway would hinder the safe passage of pedestrians and cyclists raising safety concerns; and*
- b) *to avoid blockages in the ditch and build-up of water during heavy downpours.*

**11. Application No.** 23/0597/HH

**Description:** Single storey rear extension, pitched roof over garage and front extension with porch remodel

**Location:** 14 Kirkland Road Braunstone Town Leicestershire LE3 2JP

**Response:** *Braunstone Town Council does not object to the proposals.*

**Reason:** *The proposed extensions were single storey, on a similar footprint, on a reasonable sized plot; therefore there was unlikely to be an adverse impact on the amenity enjoyed by neighbouring properties. There was sufficient on-site parking available in the garage and on the front curtilage.*

#### Licensing Applications

There were no licensing applications to consider.

### **20. Planning Applications and Licensing Applications**

The Committee received details of a planning applications to be considered by Blaby District Council (item 6 on the agenda). The Committee noted that there were no licensing applications.

**RESOLVED** that the following responses be forwarded to Blaby District Council:

1. **Application No:** 23/0636/FUL

**Description:** External alterations to store and alterations to car park and associated alterations

**Location:** Aldi Meridian Way Braunstone Town Leicestershire (Thorpe Astley Ward)

**Response:** *Braunstone Town Council:*

1. *objects to the following element of the proposals:*
  - a) *the replacement of paving and landscaping with parking spaces adjacent to the front (south) elevation; and*
  - b) *as a result of (a) above, the provision of demarked pedestrian route through car park linking Thorpe Astley footpaths and store; and*
2. *does not object to the rest of the plans; subject to the approval superseding the previous planning application, 18/1041/FUL, approved in April 2019.*

**Reasons:**

1. *The proposals resulted in the removal of the existing separate footway and its replacement with car parking and a painted route for pedestrians between the parking spaces and the vehicular route. The proposal presented safety concerns for pedestrians and therefore this element should either be scrapped (reducing the net increase in car parking spaces from 9 to 5), or the existing separate footway retained while including the proposed 8 spaces and the vehicular route made one way.*
2. *The proposals for a zebra crossing, EV Charging Points, cycle shelter and a heat pump were welcomed as both safety and sustainability improvements.*

2. **Application No:** 23/0599/FUL

**Description:** Change of use from Class D1 use to Class E use (research and development)

**Location:** Unit 9 Centre Court Meridian Business Park Braunstone Town Leicestershire (Thorpe Astley Ward)

**Response:** *Braunstone Town Council does not object to the change of use.*

**Reason:** *The proposed use was considered acceptable for the Meridian Employment site. There were no proposed changes to the building nor the number of on-site parking spaces.*

3. **Application No:** 23/0606/FUL

**Description:** Retrospective insertion of two (2) rear windows to unit 7 and the proposed insertion of four (4) rear windows to Unit 8 and the internal subdivision of Unit 8 to create two units

**Location:** Unit 7 and 8 Centre Court Meridian Business Park Braunstone Town (Thorpe Astley Ward)

**Response:** *Braunstone Town Council does not object to the retrospective insertion of 2 rear windows to Unit 7 and 4 rear windows to Unit 8 and the internal subdivision of Unit 8 to create two units; subject to confirmation how the existing parking would be shared or divided between the two separate units.*

**Reasons:** *The insertion of windows to the rear (south) elevation were unlikely to have an adverse impact on the adjacent commercial buildings. The total number of parking spaces remained unchanged and, therefore, the parking spaces could be either shared or subdivided pro-rata to the size of the subdivided units.*

**4. Application No:** 23/0631/HH

**Description:** First floor side and rear extension, associated alterations and retention of outbuilding in rear garden

**Location:** 58 Turnbull Drive Braunstone Lane Leicestershire LE3 2JU (Millfield Ward)

**Response:** *Braunstone Town Council does not object to the application, subject to:*

- a) on-site parking for at least three vehicles;*
- b) no windows, openings, or ventilation in the side elevation of the proposed extension without the prior approval of the local planning authority; and*
- c) the outbuilding in the rear garden being used for domestic purposes in connection with the main dwelling and not separately, sold, let or otherwise disposed of.*

**Reasons:** *The proposed extension and the outbuilding were located on a large well established plot; however,*

- a) the number of bedrooms at the property would be increased and it was important to avoid additional parking on the highway, which may result in safety concerns;*
- b) to avoid an adverse impact on the amenity enjoyed by the occupants of the neighbouring property, no. 56, in terms of noise and privacy; and*
- c) to avoid an adverse impact on the amenity enjoyed by the neighbouring properties in terms of noise, privacy and/or tandem development.*

**5. Application No:** 22/1074/FUL

**Description:** Construction of new cosmetic repair unit (revised plans)

**Location:** Former Works Hazel Drive Braunstone Town Leicestershire (Millfield Ward)

**Response:** *Braunstone Town Council does not object to the application; subject to the following being submitted to the local planning authority for approval:*

- a) details of the landscaping and boundary treatments;
- b) details of signage and CCTV;
- c) a statement setting out how construction would be carried out on the site, including measures to mitigate noise and dust; and
- d) details of the proposed activities on site, hours of operation, and chemicals and materials to be used.

**Reasons:**

*The proposal was generally considered acceptable and would not adversely impact on the visual amenity of the street scene; however, it was important to:*

- a) protect the character and appearance of the area;
- b) ensure that signage and CCTV would be in keeping with the visual amenity of the area;
- c) avoid nuisance to nearby residents and businesses and avoid flooding, surface water run-off and dirt being transferred to the highway and water course;
- d) protect the amenity enjoyed by the neighbouring properties in terms of noise and activity and protect the local environment and water courses from pollution.

**21. Additional Planning and Licensing Applications**

The Committee received details of additional planning applications to be considered by Blaby District Council (item 7 on the agenda). The Committee noted that there were no licensing applications.

**RESOLVED** that the following responses be forwarded to Blaby District Council:

**6. Application No:** 23/0561/HH

**Description:** Conversion of car port to bedroom and erection of new car port

**Location:** 80 Woodland Drive Braunstone Town Leicestershire (St. Mary's Ward)

**Response:** *Braunstone Town Council does not object to the application, subject to:*

- a) *on-site parking, including the car port, for at least three vehicles; and*
- b) *no windows, openings, or ventilation in the side elevation of the proposed bedroom extension without the prior approval of the local planning authority.*



**Reasons:** *The proposed extension was located on a large well established plot; however,*  
a) *the number of bedrooms at the property would be increased and it was important to avoid additional parking on the highway, which may result in safety concerns; and*  
b) *to avoid an adverse impact on the amenity enjoyed by the occupants of the neighbouring property in terms of noise and privacy.*

**7. Application No:** 23/0671/HH

**Description:** Proposed two storey side extension and single storey rear extension

**Location:** 31 Crowhurst Drive Braunstone Town Leicestershire LE3 2UJ (Millfield Ward)

**Response:** *Braunstone Town Council does not object to the application, subject to:*  
a) *on-site parking, including the garage space, for at least three vehicles; and*  
b) *no windows, openings, or ventilation in the side elevation of the proposed bedroom extension without the prior approval of the local planning authority.*

**Reasons:** *The proposed extension was located on a large well established plot; however,*  
a) *the number of bedrooms at the property would be increased and it was important to avoid additional parking on the highway, close to a bend and a junction, which may result in safety concerns; and*  
b) *to avoid an adverse impact on the amenity enjoyed by the occupants of the neighbouring property in terms of noise and privacy.*

## **22. Planning Decisions**

The Committee received and noted planning decisions made by Blaby District Council (item 8 on the agenda).

It was noted that the Chair, Councillor Robert Waterton, had offered to pursue decision 23/0427/HH, single storey side and rear extensions, at 3 Crowhurst Drive, since the Town Council has objected to the proposal due to insufficient parking and the local planning authority had given approval.

**RESOLVED** that the planning decisions made by Blaby District Council be received and noted.

*Reason for Decision*

*To keep a watching brief on the decisions and to review the impact of Town Council comments upon the decision making process.*

### **23. Feedback on Planning Application Decisions**

The Committee received feedback concerning planning application decisions by Blaby District Council where the Committee had queried the decision as follows:

- a) The Planning Authority had determined two planning applications, which would result in the properties concerned having four bedrooms, differently:
  - Application 22/1006/HH; 31 Headley Road, had been approved with 2 on-site parking spaces; while
  - Application 23/00871/HH; 8 Cranberry Close, had been rejected for not providing 3 on-site parking spaces but 2 and therefore not complying with the Parking Policy.

The Chief Executive & Town Clerk reported that Councillor Robert Waterton had raised his concerns about inconsistencies with the Director at Blaby District Council. He would be meeting with a senior Planning Officer shortly to discuss the matter further and would feedback at a future meeting.

- b) Councillor Mark Widdop – contacted the Planning Case Officer for more information behind the planning decision 23/0236/HH, Single storey front extension, at 57 St. Mary's Avenue. Councillor Widdop was waiting for a response and would chase this and report at a future meeting.
- c) Councillor Gary Sanders – contacted the Planning Case Officer for more information behind the planning decision 23/0224/HH, Single storey front extension, at 45 Bolus Road. Councillor Sanders was waiting for a response and would chase this and report at a future meeting.

**RESOLVED** that further feedback be provided at the next meeting of the Committee, scheduled for 26<sup>th</sup> October 2023.

*Reason for Decision*

*To ensure consistency of approach when applying conditions relating to off-road parking.*

### **24. Notice Board Renewal**

The Committee considered the proposals for the 2<sup>nd</sup> year of the 5-year rolling programme of Notice Board renewal (item 10 on the agenda).

**RESOLVED**

1. that the updated Action Plan, as set out in the relevant section of the report, be approved;

2. that the recommendations for the replacement of two notice boards at the sites of Withers Way and Mossdale Meadows be approved; and
3. that the same type and design of notice board purchased last year (as shown at Appendix 1) be ordered for the new two new locations.

#### *Reasons for Decision*

1. *To note the work carried out on the Action Plan 2022/2023.*
2. *To provide a plan for new/replacement notice boards to be installed in a timely manner and sited in the most appropriate positions to allow residents to be informed of upcoming events and council business.*
3. *To ensure that appropriate notice boards would be purchased, presenting a corporate image across the Town and providing value for money.*

## **25. Lubbesthorpe Impacts Group**

The Committee received an update on progress concerning matters relating to the Lubbesthorpe development and a report on the recent meeting of the Lubbesthorpe Impacts Group.

Councillor Robert Waterton had provided a written report, as follows:

The Group met on Wednesday 16<sup>th</sup> August 2023.

#### Updates from Blaby District Council

- a) Occupancies: the latest published figure was 949 as at 30<sup>th</sup> June 2023. A request had been made for a more recent number;
- b) The Annual Monitoring Report for 2022 had still not been issued; and
- c) New Novus bus routes – Members were concerned that these did not serve Kirby Muxloe or Leicester Forest East and that they would certainly not help patients of the Forest Medical Group who would lose the surgery on Braunstone Crossroads.

#### S106. Highways issues

Considerable confusion surrounded the overlap of the allocation of Section 106 funds, for road improvements, to Lubbesthorpe and to the planned 885 houses on Hinckley Road (between existing Kirby Muxloe and the Desford crossroads). This had implications for neighbouring parishes, which might find themselves, at least initially, with increased traffic and no mitigation. This situation was compounded by (a) lack of clarification that action would be taken when Lubbesthorpe reaches certain ‘triggers’ and (b) Leicestershire County Council’s decision not to carry out work until Section 106 monies had been paid. Lubbesthorpe Impact Group would try to obtain more information on this complex matter.

#### Health care provision

Local Centre 1, on Tay Road, Lubbesthorpe, was approved by Blaby District Council Planning Committee on 29<sup>th</sup> June 2023. This was despite concerns raised by Parish Councils (Braunstone, Enderby, Leicester Forest East and

Lubbesthorpe). In particular there would be no mitigation measures outside the site to deal with the flows of vehicles, pedestrians and cyclists in and out of the Centre (which is close to the Primary School). This, together with barely adequate parking provision, placed a further burden on those who managed to drive to the proposed Health Centre once Forest House was closed.

Date of next meeting: 15<sup>th</sup> November 2023.

Councillor Anthea Ambrose added that the Group would be looking at its membership again and was keen to get Lubbesthorpe Parish involved in its work. Therefore, the Group would be writing to Lubbesthorpe Parish Council to invite it to appoint members.

**RESOLVED** that the update be received and noted.

*Reason for Decision*

*To receive details of current and ongoing matters discussed relating to the new Lubbesthorpe development and its impact.*

**26. Financial Comparisons**

The Committee received Financial Comparisons for the period 1st April 2023 to 15<sup>th</sup> August 2023 (item 12 on the agenda).

**RESOLVED** that the report be noted.

*Reason for Decision*

*There were no issues of concern with the income and expenditure against the budget for 2023/2024.*

**27. Approval of Accounts**

The Committee received payments from 31<sup>st</sup> May 2023 until 15<sup>th</sup> August 2023 (item 13 on the agenda).

**RESOLVED** that the list of Approved Expenditure Transactions for the Period 31<sup>st</sup> May 2023 until 15<sup>th</sup> August 2023 be approved.

*Reason for Decision*

*To authorise payments in accordance with the Accounts & Audit Regulations and the Council's Financial Regulations.*

The meeting closed at 8.25pm.

**NOTE:**

**CRIME & DISORDER ACT 1998 (SECTION 17)** – The Council has an obligation to consider Crime & Disorder implications of all its activities and to do all that it can to prevent Crime and Disorder in its area.

**EQUALITIES ACT 2010**

Braunstone Town Council has a duty in carrying out its functions to have due regard to:-

- eliminate unlawful discrimination, harassment and victimisation;
- advance equality of opportunity between different groups; and;
- foster good relations between different groups

To ensure that no person receives less favourable treatment on the basis of race, disability, sex, gender re-assignment, sexual orientation, age, religion or belief, marriage or civil partnership, pregnancy or maternity.

These issues were considered in connection with each of the above decisions. Unless otherwise stated under each item of this report, there were no implications.

*These minutes are a draft and are subject to consideration for approval at the next meeting scheduled 26<sup>th</sup> October 2023.*

DRAFT

## BRAUNSTONE TOWN COUNCIL

### PLANNING & ENVIRONMENT COMMITTEE – 26<sup>th</sup> OCTOBER 2023

#### Item 5 – Planning and Licensing Applications dealt with under Delegated Authority

##### Purpose

To receive and note responses to planning and licensing applications taken under Delegated Authority.

##### Planning Applications

- 1. Application No:** 23/0403/FUL
- Description:** Alterations to detached garage to provide ancillary accommodation to existing hotel/boarding/guest house
- Location:** 518 Braunstone Lane Braunstone Town Leicestershire LE3 3DH (Ravenhurst Ward)
- Response:** *Braunstone Town Council objects; due to the proposed development:*
- a) *being significantly out of keeping with the character and appearance of the street scene;*
  - b) *having an unsatisfactory relationship with nearby uses that would be significantly detrimental to the amenities enjoyed by the occupiers of the proposed and existing dwellings.*
- Reasons:**
- a) *The proposed dwelling would be a converted single storey garage; the design of which would be out of keeping with the bay fronted traditional styled surrounding properties.*
  - b) *Both the neighbouring properties and the properties opposite were two storey houses and would have an overbearing effect on the proposed single storey one-roomed property. The lack of curtilage around the proposed property meant the properties would be in close proximity and with no opportunity to landscape, there could be an adverse impact on the existing and proposed dwelling in terms of disturbance, noise, and privacy.*

- 2. Application No:** 23/0716/FUL
- Description:** Installation of sectional shutter door to south side elevation of ancillary office building
- Location:** Clifton Packaging Meridian West Braunstone Town Leicestershire (Thorpe Astley Ward)
- Response:** *Braunstone Town Council does not object to the proposed installation of a shutter door; subject to:*
- a) vehicular access details, which must be located off the existing goods vehicles entrance (not directly onto the highway) being submitted and approved by the Local Planning Authority prior to any work commencing; and*
  - b) the ancillary office building remaining ancillary to the existing unit and not separately sold, let or otherwise disposed of.*
- Reasons:**
- a) To ensure that delivery vehicles could safely access the area, including the new shutter door entrance, while maintaining pedestrian safety, the safety of other users and ensuring that there would be no adverse impact on highway safety.*
  - b) To avoid over intensification of the use of the site, which could impact on safe pedestrian and vehicular access and create potential conflicts of use.*
- 3. Application No:** 23/0771/HH
- Description:** Single storey side and rear extension and associated alterations
- Location:** 44 Farmway Braunstone Town Leicestershire (Millfield Ward)
- Response:** *Braunstone Town Council does not object to the proposals; subject to:*
- a) no side windows, openings or mechanical vents in the side elevation of the side extension, without the prior permission of the local planning authority;*
  - b) the existing parking, including the proposed garage space, remaining available for parking in perpetuity.*
- Reasons:**
- a) To avoid an adverse impact on the neighbouring property in terms of privacy and noise.*
  - b) To avoid additional parking on the highway, which is narrow and has limited parking available*

*due to the number of accesses to the front curtilages.*

- 4. Application No:** 23/0715/HH
- Description:** Application of render to front, side and first floor rear elevations
- Location:** 29 Turnbull Drive Braunstone Town Leicestershire LE3 2JT (Millfield Ward)
- Response:** *Braunstone Town Council does not object to the proposals.*
- Reason:** *While most of the houses in the street were not rendered, other than the bays, a couple of houses were already fully rendered. In addition, the features of many of the neighbouring properties had been changed with front and side extensions. Therefore, on balance it was considered that there would not be an adverse impact on the street scene nor the upon the character or appearance of the area.*
- 5. Application No:** 23/0636/FUL
- Description:** Amended Plans Received: External alterations to store and alterations to car park and associated alterations
- Location:** Aldi Meridian Way Braunstone Leicestershire (Thorpe Astley Ward)
- Response:** *Braunstone Town Council does not object to the proposals, as amended by the plans published between 15<sup>th</sup> and 19<sup>th</sup> September 2023; subject to the approval superseding the previous planning application, 18/1041/FUL, approved in April 2019.*
- Reason:** *The revised proposals retained the footpath to the front (south) elevation linking Thorpe Astley footpaths to the store. Proposals for a zebra crossing, EV Charging Points, cycle shelter and a heat pump were welcomed as both safety and sustainability improvements.*



- 6. Application No:** 23/0787/FUL
- Description:** Proposed 2-storey extension to provide residential dwelling. Proposed single storey extension to provide new retail unit. Demolition of existing lean-to (Original Application and Amended Plan).
- Location:** 2 Ayston Road Braunstone Town Leicestershire  
LE3 2GA (Ravenhurst Ward)
- Response:** To both the original application and the amended plan: *Braunstone Town Council requests that further information be submitted by the applicant, prior to determination, as follows:*
- *Parking and Access Plan – detailing on-site parking arrangements for both the existing and proposed residential units and retail units (both workers and customers), including access arrangements from the highway.*
- Reason:** *Braunstone Town Council supported provision of different types of appropriate residential units and retail units to enhance the sustainability of the neighbourhood shopping area. However, there was limited parking provision in the area and the highway and footway suffered from overparking causing obstruction and safety concerns for highway users, including pedestrians. In addition, the additional units would be close to a road junction.*
- 7. Application No:** 23/0783/HH
- Description:** First Floor Extension to Front Elevation
- Location:** 8 Beechcroft Avenue Braunstone Town  
Leicestershire LE3 2GB (Ravenhurst Ward)
- Response:** *Braunstone Town Council does not object to the proposals; subject to:*
- a) *onsite parking (including the Garage space) being retained in perpetuity for at least three vehicles; and*
  - b) *no windows in the side elevation of the proposed first floor extension without the prior consent of the local planning authority.*

- Reasons:**
- a) *To avoid overparking on a narrow highway, which could cause obstruction, including for pedestrians.*
  - b) *To protect the amenity enjoyed by the occupants of the neighbouring property, no. 6, in terms of privacy and noise.*
- 8. Application No:** 23/0792/HH
- Description:** Single storey rear extension, new porch and car port
- Location:** 53 Woodland Drive Braunstone Town Leicestershire LE3 3EB (St. Mary's Ward)
- Response:** *Braunstone Town Council:*
1. *does not object to the Single storey rear extension;*
  2. *does not object to a new porch; subject to the proposed porch not protruding forward of the main dwelling further than the existing concrete rain cover or that of the front porches on the opposite side of the street (whichever is the largest); and*
  3. *objects to the proposed new (front) car port.*
- Reasons:**
1. *The property was in an established location on a large landscaped plot; therefore, there was unlikely to be a significant impact upon neighbouring properties.*
  2. *To ensure that the porch would be in keeping with the character and appearance of the street scene.*
  3. *The proposed car port would protrude forward of the existing building line adding a discordant element to the street scene, which was of similar design and appearance. Any such development permitted could result in further applications from other neighbouring properties, such sporadic development would degrade the symmetry, character and appearance of the area over time.*

### Licensing Applications

There are no licensing applications.

## **BRAUNSTONE TOWN COUNCIL**

### **PLANNING & ENVIRONMENT COMMITTEE – 26<sup>th</sup> OCTOBER 2023**

#### **Item 6 – Planning and Licensing Applications**

##### Purpose

To agree observations on planning and licensing applications received.

##### Planning Applications

- 1. Application No:** 23/0799/FUL

**Description:** Porch Extension  
Three-Meter Rear Extension: Additionally, we propose extending the rear of the property by approximately three meters to create more living space, improving the overall functionality of the home.

**Location:** 52 Edward Road Braunstone Town Leicestershire LE3 2PD (Millfield Ward)
- 2. Application No:** 23/0824/FUL

**Description:** Alterations to car park and construction of 12 EV charging spaces to include EV charging posts together with electrical infrastructure, sub-station, lighting, HP/LV cabinets, enclosure, additional 15 car parking spaces, access and associated works

**Location:** Hilton Hotel Junction 21 Approach Braunstone Town Leicestershire (Thorpe Astley Ward)

##### Licensing Applications

There are no licensing applications.

**BRAUNSTONE TOWN COUNCIL**

**PLANNING & ENVIRONMENT COMMITTEE – 26<sup>th</sup> OCTOBER 2023**

**Item 8 – Planning Decisions**

To receive and note planning decisions made by Blaby District Council.

<b>Application Number</b>	<b>Description</b>	<b>Location</b>	<b>Braunstone Town Council Response</b>	<b>Decision by Planning Authority</b>
23/0582/HH	Single storey side and rear extensions with associated alterations	114 Braunstone Lane Braunstone Town Leicestershire LE3 2RU	No objections; subject to at least the current number of on-site parking spaces (including the Garage space) being retained for parking at all times.	Approved; subject to <ul style="list-style-type: none"><li>• Built in strict accordance with approved plans; and</li><li>• materials used shall match the existing building unless otherwise agreed.</li></ul>
23/0580/HH	Single storey side and rear extension and associated alterations	29 Una Avenue Braunstone Town Leicestershire LE3 2GS	No objections; subject to: <ul style="list-style-type: none"><li>a) on-site permanent parking for at least two vehicles on a hard standing porous surface; and</li><li>b) no side windows, openings or ventilation in the side elevation of the extension without the explicit consent of the local planning authority.</li></ul>	Approved; subject to <ul style="list-style-type: none"><li>• Built in strict accordance with approved plans;</li><li>• materials used shall match the existing building unless otherwise agreed; and</li><li>• the existing front driveway being widened to a minimum of 5 metres, and surfaced in hard bound material, to accommodate 2 off-street car parking spaces, which must be permanently available.</li></ul>

Application Number	Description	Location	Braunstone Town Council Response	Decision by Planning Authority
23/0416/HH	Erection of single storey outbuilding in rear garden for use as a residential annex.	9 Charlecote Avenue Braunstone Town Leicestershire LE3 2SJ	N/A	Approved; subject to <ul style="list-style-type: none"> <li>• Built in strict accordance with approved plans;</li> <li>• materials used shall match those used in the existing building unless otherwise agreed; and</li> <li>• occupation of the annex shall be ancillary to the residential occupation of the main dwelling. It shall not be occupied as a separate living unit and should not be sold, let or otherwise disposed of.</li> </ul>
23/0514/FUL	Change of use from C3 (Dwellinghouses) to C2 (Residential Institutions) to allow use as a Childrens Home	1 Little Masons Close Thorpe Astley Braunstone Town Leicestershire	No objections; subject to: <ol style="list-style-type: none"> <li>a) One child only aged between 12 and 18 years at any one time without explicit consent;</li> <li>b) On-site parking for at least two vehicles (including the Garage space) being retained for parking at all times; and</li> <li>c) Strict accordance with the arrangements for visitors as set out in the submitted planning statement.</li> </ol>	Refusal; for the following reasons <ul style="list-style-type: none"> <li>• use as a Children’s Home would result in undue noise and general disturbance affecting nearby residents;</li> <li>• the off-street car parking was insufficient to cater for all the staff and visitors, which would give rise to indiscriminate on-street car parking in the vicinity of the junction, contrary to highway safety.</li> </ul>

Application Number	Description	Location	Braunstone Town Council Response	Decision by Planning Authority
23/0606/FUL	Retrospective insertion of two (2) rear windows to Unit 7 and the proposed insertion of four (4) rear windows to Unit 8 and the internal subdivision of Unit 8 to create two units.	Unit 7 and 8 Centre Court Meridian Business Park Braunstone Town	No objections to the retrospective insertion of 2 rear windows to Unit 7 and 4 rear windows to Unit 8 and the internal subdivision of Unit 8 to create two units; subject to confirmation how the existing parking would be shared or divided between the two separate units.	Approved; subject to <ul style="list-style-type: none"> <li>• Built in strict accordance with approved plans;</li> <li>• shall be restricted to Office Use and for no other purpose;</li> <li>• no retail sales to the general public;</li> <li>• No storage of goods, equipment or materials shall take place outside the building(s) at any time except within containers or areas which shall be screened in accordance with details to be previously submitted to and agreed in writing; and</li> <li>• Prior to the first occupation of the units, the parking provision shall be laid out and clearly marked out using a durable material in accordance with the approved plans and thereafter shall be kept available and retained for such use in perpetuity.</li> </ul>

Application Number	Description	Location	Braunstone Town Council Response	Decision by Planning Authority
23/0561/HH	Erection of garage/carport to side (including conversion of existing garage)	80 Woodland Drive Braunstone Town Leicestershire LE3 3EB	<p>No objections, subject to:</p> <ul style="list-style-type: none"> <li>• on-site parking, including the car port, for at least three vehicles; and</li> <li>• no windows, openings, or ventilation in the side elevation of the proposed bedroom extension without prior approval.</li> </ul>	<p>Approved; subject to</p> <ul style="list-style-type: none"> <li>• Built in strict accordance with approved plans;</li> <li>• Using the materials specified on the Planning Application forms;</li> <li>• Before the additional bedroom is first brought into use, a total of 3 car parking spaces being provided within the curtilage of the premises. The parking spaces shall not be obstructed and must be permanently available;</li> <li>• The window located in the south facing side elevation shall be permanently obscurely glazed; and</li> <li>• No further ground floor openings shall be constructed at any time within the south facing side elevations without prior permission.</li> </ul>

<b>Application Number</b>	<b>Description</b>	<b>Location</b>	<b>Braunstone Town Council Response</b>	<b>Decision by Planning Authority</b>
23/0535/HH	Single storey rear extension and conversion of garage into bedroom and en-suite (part retrospective)	2 Isobella Road Thorpe Astley Braunstone Town Leicestershire	Not Applicable	Approved; subject to <ul style="list-style-type: none"> <li>• Built in strict accordance with approved plans;</li> <li>• materials used shall match the existing building unless otherwise agreed; and</li> <li>• Within three months of the date of this permission the existing driveway shall be widened to enable the parking of 3 vehicles. The parking spaces shall be retained for use at all times.</li> </ul>
23/0597/HH	Single storey rear extension, pitched roof over garage and front extension with porch	14 Kirkland Road Braunstone Town Leicestershire LE3 2JP	No objections.	Approved; subject to <ul style="list-style-type: none"> <li>• Built in strict accordance with approved plans; and</li> <li>• materials used shall match the existing building unless otherwise agreed.</li> </ul>
23/0117/FUL	Erection of 1 semi detached dwelling and associated garage including alterations and extensions to No.2 Pinfold (Revised Scheme)	Land adjacent 2 Pinfold Braunstone Town Leicestershire LE3 2UW	<ol style="list-style-type: none"> <li>1. does not object to the proposed two additional on-site parking spaces; and</li> <li>2. objects to the proposed garage / outbuilding.</li> </ol>	Approved; subject to <ul style="list-style-type: none"> <li>• Built in strict accordance with approved plans;</li> <li>• The external elevations of the proposed dwelling shall be constructed in facing bricks to match those of the existing building of No. 2 Pinfold;</li> </ul>



Application Number	Description	Location	Braunstone Town Council Response	Decision by Planning Authority
23/0117/FUL <i>continued</i>				<ul style="list-style-type: none"> <li>• Within one month of the commencement of works, a plan showing a detailed soft and hard landscaping scheme shall be submitted to the District Planning Authority;</li> <li>• The approved landscaping scheme shall be carried out within one year of completion of the development and any trees, hedges, shrubs or plants which within a period of 5 years from completion of the planting die, are removed or become seriously damaged or diseased shall be replaced in the next planting season with others of similar size and species, unless the Planning Authority gives consent to any variation;</li> <li>• The development shall not be occupied until two off street car parking spaces have been provided for both the proposed dwelling and No. 2 Pinfold, which shall be made available for use and</li> </ul>

Application Number	Description	Location	Braunstone Town Council Response	Decision by Planning Authority
23/0117/FUL <i>continued</i>				<p>retained in perpetuity;</p> <ul style="list-style-type: none"> <li>• No further extensions or additions to the proposed dwelling or the existing dwelling at No.2 Pinfold, or the erection of any outbuildings within either curtilage, shall be constructed without prior permission;</li> <li>• Access surfacing should be hard-bound for a minimum of 5m behind the highway boundary;</li> <li>• Before the development is brought into use, drainage shall be provided within the site such that surface water does not drain into the public highway and thereafter maintained;</li> <li>• Before above ground works commence on the site a Construction Method Statement including assessment of likely noise, vibration and dust emissions together with proposals for mitigating the off-site impacts of these elements</li> </ul>

Application Number	Description	Location	Braunstone Town Council Response	Decision by Planning Authority
23/0117/FUL <i>continued</i>				<p>shall be submitted to and agreed in writing by the Planning Authority. Any remedial or mitigation works recommended by the report shall be completed prior to the occupation of the development, and verification of this submitted to the Planning Authority;</p> <p>and</p> <ul style="list-style-type: none"> <li>• Before the development is commenced, an appropriate land contamination survey shall be carried out by a competent person, referring to relevant standards. The resultant report shall be submitted to and agreed in writing by the Planning Authority. Any remedial or mitigation works recommended by the report shall be completed prior to the occupation of the development, and verification of this submitted to the Planning Authority.</li> </ul>

Application Number	Description	Location	Braunstone Town Council Response	Decision by Planning Authority
23/0671/HH	Proposed two storey side extension and single storey rear extension	31 Crowhurst Drive Braunstone Town Leicestershire LE3 2UJ	No objections; subject to: a) on-site parking, including the garage space, for at least three vehicles; and b) no windows, openings, or ventilation in the side elevation of the proposed bedroom extension without prior approval.	Approved; subject to <ul style="list-style-type: none"> <li>• permission relates to the application as amended by plan 2023/9358/01 Rev A</li> <li>• All materials shall match the existing building unless otherwise agreed.</li> </ul>
23/0631/HH	First floor side and rear extension, associated alterations and retention of outbuilding in rear garden (part retrospective)	58 Turnbull Drive Braunstone Town Leicestershire LE3 2JU	No objections, subject to: a) on-site parking for at least three vehicles; b) no windows, openings, or ventilation in the side elevation of the proposed extension without the prior approval; and c) the outbuilding in the rear garden being used for domestic purposes in connection with the main dwelling and not separately, sold, let or otherwise disposed of.	Approved; subject to <ul style="list-style-type: none"> <li>• Built in strict accordance with approved plans;</li> <li>• materials used shall match the existing building unless otherwise agreed; and</li> <li>• the occupation of the proposed outbuilding shall be ancillary to the residential occupation of the main dwelling at 58 Turnbull Drive. It shall not be occupied as a separate living unit and should not be sold, let or otherwise disposed of.</li> </ul>

Application Number	Description	Location	Braunstone Town Council Response	Decision by Planning Authority
23/0715/HH	Application of render to front, side and first floor elevations	29 Turnbull Drive Braunstone Town Leicestershire LE3 2JT	No objections	Approved; subject to <ul style="list-style-type: none"> <li>• Built in strict accordance with approved plans; and</li> <li>• Constructed using the materials specified, unless materials are agreed in writing by the DPA.</li> </ul>
23/0428/FUL	Erection of one dwelling with associated access	396 Braunstone Lane Braunstone Town Leicestershire LE3 3DF	No objections; subject to: <ol style="list-style-type: none"> <li>a) the internal layout of the proposed dwelling, including the size of the rooms, meeting the relevant standards for the type of accommodation;</li> <li>b) two on-site parking spaces for the new dwelling being of hard standing and remaining available for parking in perpetuity; and</li> <li>c) replacement on-site parking for 396 Braunstone Lane, being of hard standing permeable material being provided within the new curtilage of the property.</li> </ol>	Approved; subject to <ul style="list-style-type: none"> <li>• Built in strict accordance with approved plans;</li> <li>• No above ground construction until details of materials to be used has been approved;</li> <li>• submission and approval of a construction management plan, including noise control, disturbance and dust control;</li> <li>• prior to occupation the installation of permanent vehicular and pedestrian visibility splays, which will be permanently maintained;</li> <li>• provision of permanent parking spaces in full accordance with Highways Site and surfaced with tarmacadam, or similar hard</li> </ul>

Application Number	Description	Location	Braunstone Town Council Response	Decision by Planning Authority
23/0428/FUL <i>continued</i>				<p>bound material; and maintained in perpetuity;</p> <ul style="list-style-type: none"> <li>• no extensions, alterations or additions to the dwelling or additional buildings within the curtilage, without prior permission;</li> <li>• no gates, barriers, bollards, chains or other such obstructions to the vehicular access;</li> <li>• The window located on the ground floor east rear serving the “bathroom” and roof light on the first floor elevation serving the “en-suite” shall be obscurely glazed and of top opening design and shall remain so in perpetuity; and</li> <li>• The approved landscaping scheme carried within the next planting season and within 5 years any trees, hedges, shrubs or plants which die, are removed or become seriously damaged or diseased must be replaced in the next planting season with similar species.</li> </ul>

Application Number	Description	Location	Braunstone Town Council Response	Decision by Planning Authority
23/0775/TPO	Routine Maintenance to Lubbesthorpe Brook where it flows through areas at Foxholes Spinney and Long Spinney. Removal of dead wood, overhanging branches and vegetation where it affects conveyance of water. Restoration of natural arch above the brook.	Street record Lubbesthorpe Way Braunstone Town Leicestershire	Not Applicable	Approved; subject to <ul style="list-style-type: none"> <li>• All approved works shall be carried out within one year from the date of this decision; and</li> <li>• All approved work shall be carried out in accordance with BS 3998:2010 “British Standard Recommendations for Tree Work” and all subsequent arboriculture best practice guidance.</li> </ul>

## **BRAUNSTONE TOWN COUNCIL**

### **PLANNING & ENVIRONMENT COMMITTEE – 26<sup>th</sup> OCTOBER 2023**

#### **Item 10 – Braunstone Village Conservation Area Extension**

##### Purpose

To receive an update on the arrangements and timescales for the process to consider whether to extend the Braunstone Village Conservation Area to the South of Braunstone Lane.

##### Background

On 9th September 2021, the Committee received a report from the Braunstone Town Heritage Warden concerning the merits of designating as a conservation area, the area of Braunstone Village to the south of Braunstone Lane to coincide with the already designated conservation area within the Leicester City boundary and resolved to make representations to Blaby District Council in support of the proposal (Minute 42, 2021/2022).

On 4th November 2021, the Committee received a draft Character Appraisal of Braunstone Village prepared by the Heritage Warden and determined that a public consultation should be undertaken on the proposals (Minute 56, 2021/2022).

Between December 2021 and January 2022, a residents' survey was held to ascertain whether there would be general support for a conservation area. Citizens Advisory Panel were consulted and a survey was delivered to properties in Braunstone Village on both sides, the survey was also sent to partners and included in the December 2021 Braunstone Life.

The Committee received the survey results on 10<sup>th</sup> March 2022 (Minute 87, 2021/2022). 38 responses were received (all in favour); 2 felt the proposed boundary should be different and 1 felt the proposed Character Appraisal didn't fully recognise the special character of the area.

On 5th May 2022, the Committee received and approved a proposed timetable for the next stages of the process to consider (Minute 102, 2021/2022). Unfortunately, the approved programme did not commence, due to capacity issues at the District Planning Authority and at Leicestershire County Council's conservation team.

As a result on 25th August 2022, to move the appraisal process forward, the Committee resolved to suggest to Blaby District Council that Leicester City Council be approached to undertake the appraisal review alongside their review of the existing conservation area within their administrative boundary (Minute 25, 2022/2023).

In December 2022, it was confirmed that Leicester City Council could support the project. In addition to providing expertise this would also ensure that both Conservation Area reviews were aligned.



In February 2022, Leicester City Council advised they had delayed the review of the existing Braunstone Village Conservation Area due to other pressing matters.

In April 2023 Leicester City Council advised they were planning a review of the Braunstone Village Conservation Area in the Summer of 2023. The City Council were planning to incorporate the Braunstone Town/Blaby District proposal to extend the conservation area to the South of Braunstone Lane in the consultation.

### Proposed Review

The proposed review of the Braunstone Village Conservation Area will consider the proposal to extend the conservation area to the South of Braunstone Lane.

Staff from the Conservation Team at Leicester City Council will undertake all technical support to facilitate the review and consideration of a conservation area extension in Braunstone village. This will include providing all covering reports and documents required for public consultation and designation, as well as time for assessing any comments made during the public consultation.

### Outline Work Programme

The following timetable has been drafted and will be considered at an 'inception meeting' with all three councils in attendance in November 2023:

- Four to six weeks from inception date for production of draft documents.
- Two to four weeks for internal checking.
- Six to eight weeks suggested for public consultation.
- Four to six weeks suggested for assessing consultation responses and revising documents for final approval.

Planning & Environment Committee will be able to consider responses received from the consultation, including any proposed amendments and make recommendations to Blaby District Council.

Blaby District Council will determine the consultation responses and the proposed character appraisal and boundary through its own constitutional processes, which will include determining whether to make a recommendation to its Council to designate a conservation area.

### Recommendation

That delegated authority be given to the Chief Executive & Town Clerk, in consultation with the Chair of Planning & Environment Committee, to approve revised milestones and timescales; subject to consideration by the Planning & Environment Committee at the next scheduled meeting.

### Reason

To progress the proposals for the extension to the Braunstone Village Conservation Area, avoiding any further delay.

## **BRAUNSTONE TOWN COUNCIL**

### **PLANNING & ENVIRONMENT COMMITTEE – 26<sup>th</sup> OCTOBER 2023**

#### **Item 11 – Neighbourhood Planning**

##### Purpose

To review the position concerning whether the Parish should be designated as a Neighbourhood for the purposes of undertaking a Neighbourhood Plan.

##### Background

In November each year, Planning & Environment Committee undertake a review of the position concerning whether Braunstone Town and Thorpe Astley should be designated as a Neighbourhood for the purposes of undertaking a Neighbourhood Plan.

##### Reviewing the Neighbourhood Planning Option

In terms of successful Neighbourhood Planning, leadership and involvement of the Town Council and Town Councillors is required and an indication of a wider community desire to undertake neighbourhood planning.

Therefore, in order to determine whether a Neighbourhood Plan/Development Order or Community Right to Build Order is required, the Committee will need to reflect on:

- a) do planning issues need to be addressed and if so, would they be best dealt with through Neighbourhood Planning, are they covered by other policies/strategies (e.g. Open Spaces Strategy) or is there another more appropriate tool or process which could be used to address them (e.g. Conservation Area designation);
- b) is there sufficient Town Councillor support for the process; and
- c) at this stage is there sufficient general community support for addressing the identified issues and through the Neighbourhood Planning process.

Twelve months since the last review of the decision not to go ahead with Neighbourhood Planning, there appears to be no significant developments or changes which would warrant a change in direction by the Town Council. The Town Council would need to provide significant resources to facilitate the process, including engaging the community and making the necessary applications and applying for funding. Any recommendation to go ahead with Neighbourhood Planning will need to be submitted to full Council for consideration and application to designate a Neighbourhood Area.

In addition, the Council is currently directing resources to support a process for appraising the part of Braunstone Village, which falls within Braunstone Parish, to determine whether this part of the area should be designated as a conservation area.

If the Committee decide not to go ahead with pursuing a Neighbourhood Plan this year, in accordance with Minute 82 2017/2018, the option will be reviewed at least on an annual basis.

### Recommendation

That Braunstone Town Council does not undertake a Neighbourhood Plan or any of the Neighbourhood Planning tools at the present time.

### Reason

Successful Neighbourhood Planning required the leadership and involvement of the Town Council and Town Councillors and an indication of a wider community desire to undertake neighbourhood planning. While there was some evidence of support, this was not sufficiently widespread to justify the resources to facilitate the process, including engaging the community and making the necessary applications and applying for funding. Key areas such as Open Spaces and Neighbourhood Shopping Areas are protected by existing policies. Areas of historic or special character, such as Braunstone Village, could be protected and enhanced by designating as a conservation area.

## **BRAUNSTONE TOWN COUNCIL**

### **PLANNING & ENVIRONMENT COMMITTEE – 26<sup>th</sup> October 2023**

#### **Item 12 – Signage to Braunstone Town**

##### Purpose

To receive a suggestion, made by residents attending Citizens' Advisory Panel on 31<sup>st</sup> August 2023, that directional signage to Braunstone Town approaching Fosse Park island from the M1 and M69 needed to be improved; and to determine the Town Council's response.

##### Background

On 31<sup>st</sup> August 2023, Citizens' Advisory Panel held an Open Session, which provided an opportunity for Panel members and attendees present to raise matters of public interest.

The following item was discussed along with proposed actions:

- a) the Welcome to Braunstone Town sign on the slip road off Fosse Park island is not noticeable by traffic coming from M1 and M69 motorway lane until it is too late to turn into the slip road. It was suggested that signage to Braunstone Town is included in the highway signs before reaching the Fosse Park island.

##### *Proposed action:*

- i. to contact the local County Council to ascertain if a request can be made to Leicestershire County Council Highways department to install additional signage for Braunstone Town;*
- ii. To include on the agenda of the next Braunstone Town Council Planning & Environment Committee meeting.*

In accordance with proposed action (i) above, the request was forwarded to the County Councillor for Braunstone Division on 18<sup>th</sup> September 2023 and a response is awaited.

##### Consideration of the Proposal

In short, the point being made by the residents is that on approaching Fosse Park island from Enderby and Narborough it is possible to see the entrance to the Narborough Road South West Service Road and the Welcome to Braunstone Town signs and the "Braunstone Town only" painted on the road. These aren't visible approaching Fosse Park island from the M1 and M69. On entering the roundabout, drivers need to immediately turn left and only see signage to the City Centre and wouldn't necessarily look over to the left to see the Braunstone Town signage.

Having missed the junction, drivers would then have to travel the length of Narborough Road South and then have to turn into Braunstone Lane. They would be unable to turn into the top of the West Service Road at this point and would have to find their way into Braunstone Town by using roads off Braunstone Lane.

All present at Citizens' Advisory Panel on 31<sup>st</sup> August 2023 understood the point, why the proposal was being made and supported this.

Therefore, it seems reasonable for the Town Council to contact Leicestershire County Council Highways Department to share the feedback and ask them to assess the junction and propose a solution.

Potential solutions could include "Braunstone Town":

- a) on signage on the approach to Fosse Park island;
- b) painted on the road on the inside lane on the approach to Fosse Park island; or
- c) on a directional sign on the roundabout at the entrance to the West Service Road.

It would be a matter for Leicestershire County Council to both decide whether and how to address the request.

### Recommendations

1. That Leicestershire County Council be contacted to request that directional signage to Braunstone Town (exit Narborough Road South, West Service Road) be improved on the approach to Fosse Park island from the M1 and M69; and
2. that the County Councillor for the Division be asked to support and pursue the principle.

### Reasons

1. To address the point that the "Welcome to Braunstone Town" sign on the slip road off Fosse Park island is too far back for drivers approaching from the M1 and M69 to see before passing the junction; and, that to address this, additional signage or markings should be installed.
2. To seek the support of the local county councillor given the matter falls within the remit of the local highways' authority.

## **BRAUNSTONE TOWN COUNCIL**

### **PLANNING & ENVIRONMENT COMMITTEE – 26<sup>th</sup> October 2023**

#### **Item 13 – Request from County Councillor to replace Gateway Signs to Braunstone Town**

##### Purpose

To consider a request from the County Councillor for Braunstone Division for the County Council to fund and replace some of the Gateway sign to Braunstone Town.

##### Background

In the summer of 2021, all county councillors were allocated £25,000 during the 2021/2022 financial year for highway improvements in their Division that are not considered essential or usual maintenance. The scheme was repeated in the 2022/2023 financial year.

On 5th May 2022, the Committee received an update with proposals for Highways Improvements under the County Council Members' Highways Fund and considered whether to adopt proposed planters at three locations around Braunstone Town (minute 103 2021/2022).

##### Gateway Signs

Braunstone Town Council owns 12 gateway signs to either Braunstone Town (9) or Thorpe Astley (3).

Eight “Welcome to Braunstone Town” gateway signs were originally installed in 1995 on Braunstone Lane, Narborough Road South and Lubbesthorpe Way.

When the Narborough Road South West Service Road entry and exit to Fosse Park (Asda) roundabout was reconfigured in 2013, the sign here was replaced with two new gateway signs. The other seven original signs are located at:

1. Braunstone Lane after Narborough Road South junction (outside Working Men’s Club);
2. A5460, Narborough Road South main road, southbound after Braunstone Lane junction (outside Brandon Hire);
3. Braunstone Lane: A47, Hinckley Road, junction (Braunstone Crossroads);
4. Braunstone Lane: Braunstone Avenue/Shakespeare Drive junction;
5. Narborough Road South East Service Road entering from Fosse Park (near Asda);
6. A563, Lubbesthorpe Way, southbound after Braunstone Lane bridge; and
7. A563, Lubbesthorpe Way, northbound prior to bridge over A5460, Motorway link Road.

Given these signs have been installed for 28 years, they are at the beginning of the end of their life. In many cases the green crest is fading. In some cases the posts are rusty. While the signs can still be read and are not in a state where they are dangerous

or need to be removed, the signs will need to be considered for renewal in the next five to ten years.

### Request to replace Gateway Signs

Councillor Amanda Hack, County Councillor for Braunstone Division, has some unallocated funding left from her Members' Highway fund budget and has asked whether some of the gateway signs to Braunstone Town in her division could be replaced using the funding. Providing the signs are on an adopted highway, they are eligible for funding.

The number of signs to be replaced will depend on the budget available; however, Councillor Hack has suggested:

- 2 signs at Narborough Road South West Service Road entry from Fosse Park roundabout;
- Braunstone Lane after Narborough Road South junction (outside Working Men's Club);
- A5460, Narborough Road South main road, southbound after Braunstone Lane junction (outside Brandon Hire); and
- Braunstone Lane: Braunstone Avenue/Shakespeare Drive junction.

Councillor Hack will explore whether there is enough money in the budget to replace the sign on Braunstone Lane at Braunstone Crossroads.

Please find attached proposals for new gateway signs attached at Appendix 1, including a choice of two colour options for the Parish Crest; option 1 – green or option 2 – full colour.

### Considering the Proposal

The full colour Parish Crest is recommended since this is the actual official crest of the Parish and the signs welcome travellers to the place. The green is the corporate logo of Braunstone Town Council.

In terms of the priority order of signs to be replaced, it is recommended that priority is given to the residential gateway signs originally installed in 1995 with the highest traffic/footfall first. Therefore, the priority order should be as listed 1 to 6 above (sign 7 is located outside the Braunstone Division).

However, it will be a matter for the local County Councillor through the County Council to determine the proposal. Ultimately, the Town Council can decide whether not to accept the proposal.

If there isn't enough funding for all the gateway signs to be replaced, it may be that a couple of the removed signs could be retained in storage should there be a need to replace any of the remaining signs due to damage.

## Recommendations

1. That the principle of replacing “Welcome to Braunstone Town” gateway signs under the County Council Members’ Highway Fund be approved and that option 2, full colour crest, attached at Appendix 1, be approved;
2. that the preferred priority order for replacement of the “Welcome to Braunstone Town” gateway signs, located in the Leicestershire County Council Braunstone Division, be expressed as follows:
  - a) Braunstone Lane after Narborough Road South junction,
  - b) A5460, Narborough Road South main road, southbound after Braunstone Lane junction,
  - c) Braunstone Lane: A47, Hinckley Road, junction,
  - d) Braunstone Lane: Braunstone Avenue/Shakespeare Drive junction,
  - e) Narborough Road South East Service Road entering from Fosse Park,
  - f) A563, Lubbethorpe Way, southbound after Braunstone Lane bridge, and
  - g) 2 signs at Narborough Road South West Service Road entry from Fosse Park roundabout; and
3. that delegated authority be given to the Chief Executive & Town Clerk, in consultation with the Chair and Vice-Chair of Planning & Environment Committee to:
  - a) agree with Leicestershire County Council, including the County Councillor for Braunstone Division, the “Welcome to Braunstone Town” gateway signs that should be replaced and in which order,
  - b) to determine whether to retain any removed signs or dispose of them,
  - c) to approve the necessary legal agreements, licences and detailed terms and conditions, and
  - d) to adopt the newly installed gateway signs.

## Reasons

1. To improve the visual amenity of gateways to Braunstone Town. The full colour Parish Crest was the official crest of the Parish and should be used to welcome travellers to the Town, whereas the green was the corporate colours of Braunstone Town Council.
2. To give priority to the replacement of the residential gateway signs originally installed in 1995 in locations with the highest traffic/footfall.
3. To ensure that the new signs could be installed avoiding any delays, while ensuring the detailed arrangements and legal terms would be fully considered.



Options for New Gateway Signs for Braunstone Town



Option 1



Option 2

## **BRAUNSTONE TOWN COUNCIL**

### **PLANNING & ENVIRONMENT COMMITTEE – 26<sup>th</sup> OCTOBER 2023**

#### **Item 14 - Air Quality Monitoring Annual Status Report 2023**

##### Purpose

To receive the Blaby District Air Quality Monitoring Annual Status Report for consideration.

##### Background

The Town Council has been concerned, particularly in the last 6 – 7 years, about poor air quality and the impact of continued growth in the area upon the quality of the air and the health of residents.

The Committee has been provided with a background to Blaby District Council's powers and responsibilities, alongside particular initiatives and monitoring reports through previous items and presentations given by Environmental Health Officers in 2018, 2019 and 2020.

##### Blaby District 2023 Air Quality Annual Status Report

Blaby District Council has responsibility to measure the quality of air in the district to ensure that it meets required standards for certain pollutants. Blaby District Council monitors nitrogen dioxide and hazardous particles.

There are currently five declared Air Quality Management Areas (AQMAs) for Nitrogen Dioxide (NO<sub>2</sub>), which includes:

- AQMA 1: A5460 Narborough Road South; and
- AQMA 3: M1 corridor at Leicester Forest East.

In addition, air quality monitoring stations are used at various locations to sample the air to detect the concentration of pollutants. This equipment identifies trends and patterns of air pollution.

There are currently automatic monitoring stations at:

- CM4: Hinckley Road, Leicester Forest East; and
- CM6: Lubbethorpe Road, Braunstone Town.

There are also diffusion tubes monitoring the levels of Nitrogen Dioxide placed across the district. These tubes monitor AQMAs and areas of potential higher levels of nitrogen dioxide. Currently there are Diffusion Tubs at:

1. Kingsway;  
25.7 Narborough Road South;  
35.2 Narborough Road South;  
99.5 Murby Way.

In addition to the above diffusion tubes, the following are located at schools:

- AT5: Fossebrook Primary;
- AT7: Kingsway Primary;
- AT8: Winstanley School;
- AT9: Ravenhurst Primary; and
- AT10: Millfield Primary.

The National Air Quality Objective for the average annual concentration of nitrogen dioxide is 40 µg/m<sup>3</sup>. An AQMA is declared when this figure is exceeded.

The results of the monitoring carried out can be found within the 2023 Air Quality Annual Status Report, an extract of which is attached at Appendix 1 (some diagrams, maps and tables detailing information from other areas have been omitted). The full version is available on Blaby District Council's website and from the Office of the Town Clerk.

### 2022 Air Quality Annual Status Report

The Committee considered the 2022 Blaby District Air Quality Annual Status Report on 27<sup>th</sup> October 2022. The Committee had several questions and points, which were raised with Environmental Health Officers at Blaby District Council. The response was reported to Committee on 16<sup>th</sup> February 2023 and the report is attached at Appendix 2 for information and reference.

### Action Requested

Consider the Blaby District 2023 Air Quality Annual Status Report (Appendix 1) and whether there are any actions the Town Council can take to support the ongoing work to tackle air quality.



## **2023 Air Quality Annual Status Report (ASR)**

In fulfilment of Part IV of the Environment Act 1995 Local Air Quality Management, as amended by the Environment Act 2021

Date: 31<sup>st</sup> July 2023

Information	Blaby District Council Details
<b>Local Authority Officer</b>	Anna Farish
<b>Department</b>	Environmental Services
<b>Address</b>	Council Offices, Desford Road, Narborough, Leicester, LE19 2EP
<b>Telephone</b>	0116 275 0555
<b>E-mail</b>	<a href="mailto:environmental.services@blaby.gov.uk">environmental.services@blaby.gov.uk</a>
<b>Report Reference Number</b>	ASR 2023
<b>Date</b>	31 <sup>st</sup> July 2023

## Executive Summary: Air Quality in Our Area

### Air Quality in Blaby District

Air pollution is associated with a number of adverse health impacts. It is recognised as a contributing factor in the onset of heart disease and cancer. Additionally, air pollution particularly affects the most vulnerable in society: children, the elderly, and those with existing heart and lung conditions. There is also often a strong correlation with equalities issues because areas with poor air quality are also often less affluent areas<sup>1,2</sup>.

The mortality burden of air pollution within the UK is equivalent to 29,000 to 343,000 deaths at typical ages<sup>3</sup>, with a total estimated healthcare cost to the NHS and social care of £157 million in 2017<sup>4</sup>.

Blaby District Council (BDC) has five Air Quality Management Areas (AQMAs). All were declared after monitoring (where indicated) or modelling indicated an exceedance of the annual mean air quality objective for nitrogen dioxide ( $40\mu\text{g}/\text{m}^3$ ). These AQMAs are currently as follows:

- AQMA 1: A5460 Narborough Road South
- AQMA 2: M1 corridor in Enderby and Narborough
- AQMA 3: M1 corridor between Thorpe Astley and Leicester Forest East
- AQMA 4b: Enderby Road, Whetstone
- AQMA 6: Mill Hill, Enderby

AQMAs 2, 3 and 4b were reduced in size in 2020, due to low NO<sub>2</sub> results from 2019 and the previous 4 years. No changes were made to any of the AQMA's in 2021 and 2022 due to the effects on air quality of the pandemic and following advice from DEFRA.

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<sup>1</sup> Public Health England. Air Quality: A Briefing for Directors of Public Health, 2017

<sup>2</sup> Defra. Air quality and social deprivation in the UK: an environmental inequalities analysis, 2006

<sup>3</sup> Defra. Air quality appraisal: damage cost guidance, January 2023

<sup>4</sup> Public Health England. Estimation of costs to the NHS and social care due to the health impacts of air pollution: summary report, May 2018

BDC Elected Members and Senior Managers have an ongoing commitment to continue the monitoring and management of air quality and taking action to reduce levels of airborne pollutants.

The Environmental Services Team are responsible for undertaking monitoring and action planning. The Team also provides consultation responses with regard to air quality constraints on planning applications.

Section 106 funds have been secured from several approved developments to support air quality work and this has allowed for both pre and post development monitoring to take place.

Multiple Teams across the Council have worked to deliver a programme of projects funded by Air Quality Grants.

BDC continues to work closely with the following partners:

- All Leicestershire Authorities
- Leicester City Council
- Leicestershire County Council (various sections including Highways and Transportation, Public Health and Sustainable Travel)
- National Highways
- The Environment Agency
- The UK Health Security Agency (UKHSA)

BDC has an active role in the Air Quality and Health Partnership which is implementing an Action Plan based on the outcomes of the Joint Strategic Needs Assessment (JSNA). This Action Plan informs BDC's air quality and climate change work and supports a joint delivery alongside the Council's Air Quality Action Plan (AQAP) and Air Quality Grant work.

BDC is a member of the East Midlands Air Quality Network and also is an active participant in the Leicester, Leicestershire, and Rutland Air Quality Forum which brings together a partnership of different organisations and expertise in matters of air quality.

Both of these bodies improve the sharing of information, offering a space for networking and aiding in consistency of approach.

In addition to operating its own air quality monitoring stations, BDC manages Leicestershire County Council's Air Quality Monitoring Station: Continuous Monitor 4 (CM4) (Blaby 4) - located in Leicester Forest East.

Although concentrations in some locations have shown increases in comparison to 2021 and two exceedances were recorded overall, a substantial majority of the monitoring network complies with the National Air Quality Objective (NAQO) for NO<sub>2</sub> and results remain below 40 µg/m<sup>3</sup>.

### Exceedances

In 2022 there were two recorded exceedances of the NAQO for NO<sub>2</sub> in the following locations:

- Enderby  
An exceedance of the NAQO was recorded within AQMA6. An additional exceedance was recorded at roadside however once distance corrected the concentration falls below the NAQO.
- Braunstone Town  
An exceedance at Continuous Monitor 6 (CM6) (Braunstone Town) was identified and this area will be declared as an AQMA.

### Compliances & Revocations

- **AQMA 1** (A5460 Narborough Road South)  
Concentrations of NO<sub>2</sub> have remained below the NAQO during 2022, despite a small increase in recorded levels. As results have remained consistently low and under the NAQO during the last five years, this AQMA will be revoked.
- **AQMA 2** (M1 Corridor in Enderby and Narborough)  
There have been no exceedances in AQMA2, with levels well below the NAQO in 2022 and only a small increase in concentrations from 2021. Monitoring results outside the AQMA have also shown a slight decrease in comparison to 2021, further informing the long-term trends within this area, therefore AQMA 2 will also be revoked.
- **AQMA 3** (M1 corridor between Thorpe Astley and Leicester Forest East)  
All monitoring remains within the NAQO for NO<sub>2</sub>, however monitoring will continue within this AQMA due to new and proposed housing and economic developments nearby and the associated use of the A47 which is a key road corridor between Blaby District and Leicester City.



- **AQMA 4B** (Enderby Road, Whetstone)

Following consistency with the previous five years, concentrations remain well below the NAQO which supports the revocation of this AQMA.

- **AQMA 6** (Mill Hill, Enderby)

Whilst two diffusion tubes (DTs) within AQMA 6 have shown an exceedance of the NAQO, once distance corrected there was found to be only one exceedance. Other monitoring within the AQMA has shown compliance with the NAQO. However, monitoring will continue in this area to understand if the changes are reflective of a longer-term trend and due to potential nearby developments which may be approved, the AQMA is therefore proposed to be maintained.

To summarise the following AQMAs will be revoked due to ongoing compliance with objective levels:

- AQMA 1: A5460 Narborough Road South
- AQMA 2: M1 corridor in Enderby and Narborough
- AQMA 4B: Enderby Road, Whetstone

### **Diffusion Tube Monitoring - Enderby, Glenfield and Stoney Stanton**

To gain a greater insight into the air quality of these areas, monitoring has been undertaken in Enderby, Glenfield and Stoney Stanton and the Council found concentrations in Glenfield and Stoney Stanton to be below the NAQO.

Through the Countdown to Clean Air Grant project (CDTCA) 2022, monitoring in Enderby and Glenfield was introduced. As compliance with the NAQO has been evident and the CDTCA has come to an end, a number of these tubes in Enderby and Glenfield have since been removed from the 2023 monitoring network. Monitoring will continue in Stoney Stanton to due to potential nearby developments and to inform long term trends in the area.

### **Continuous Monitoring - Braunstone Town**

CM6 located on Lubbethorpe Road, Braunstone Town showed an exceedance of the NAQO for NO<sub>2</sub> in 2022. BDC will be declaring this area an AQMA and further investigations will be undertaken. Monitoring will be increased utilising low-cost devices

(Zephyrs) to provide real time data, supplementing the monitoring currently in place. BDC are working closely with Leicester City Council and Leicestershire County Council to obtain data and understand traffic flow trends and their correlation to the exceedances recorded.

### **Development within the District**

There are a number of ongoing and proposed developments around the District of Blaby, and it is possible that there may be an impact on local air quality. Monitoring is being conducted to understand background levels within close proximity to these development sites.

A summary of the development sites are as follows:

- Lubbesthorpe Development – This is a sustainable urban extension to the west of the M1 consisting of 4,250 homes and associated facilities. Phase one began in 2016 and the remaining phases are expected to be completed in the 2030's (This is a continuing development)
- Extension to Croft Quarry (planning permission approved on 12/01/2022 by Leicestershire County Council)
- Land north of A47 Hinckley Road, Kirby Muxloe – This is a proposal for 885 dwellings (planning permission is currently under consideration)
- Enderby Hub – This is an Outline Application for a commercial development consisting of four warehouse buildings and one training and education centre (planning permission is currently under consideration)
- Hinckley National Rail Freight Interchange Development – This is a National Infrastructure Application and is being determined by the Planning Inspectorate with a decision expected in the Summer of 2024.

Updates on the status and potential impact of these developments will be reported on in the next ASR.

### **Actions to Improve Air Quality**

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

The Environmental Improvement Plan<sup>5</sup> sets out actions that will drive continued improvements to air quality and to meet the new national interim and long-term PM<sub>2.5</sub> targets. The National Air Quality Strategy, due to be published in 2023, will provide more information on local authorities' responsibilities to work towards these new targets and reduce PM<sub>2.5</sub> in their areas. The Road to Zero<sup>6</sup> details the approach to reduce exhaust emissions from road transport through a number of mechanisms; this is extremely important given that the majority of Air Quality Management Areas (AQMAs) are designated due to elevated concentrations heavily influenced by transport emissions.

Using the On-Street Residential Charge Scheme (ORCS) BDC installed twenty-four 7kW Electrical Vehicle (EV) chargers in 2021 throughout its Pay and Display car parks to support residents who have limited off-street parking and to encourage the use of Electric Vehicles within the District. The implementation of infrastructure to support the usage of lower emission vehicles will aid in the reduction of NO<sub>2</sub> emissions throughout Blaby District.

BDC also approved The Hackney Carriage and Private Hire Licensing Policy for 2022 – 2027 to incentivise the use of Ultra Low Emission Vehicles (ULEV) and Electric Vehicles (EV). The Licensing department offered reductions in the fees for Operators who License a vehicle under any of these categories. The Policy also put procedures in place to reduce the age of the Private Hire and Hackney Carriage fleet Licensed by the Authority.

### **DEFRA Air Quality Grant Projects:**

#### **Count Down to Clean Air Project (CDTCA)**

The CDTCA Project continued in 2022, engaging with schools and businesses to encourage Active Travel and raise awareness on Air Quality. The project focussed on areas of concern such as the M1 corridor around Junction 21, areas in close proximity to AQMAs and around schools within the district. There was a particular focus to work in areas of Enderby and Glenfield and as part of this, an additional 22 diffusion tubes were

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<sup>5</sup> Defra. Environmental Improvement Plan 2023, January 2023

<sup>6</sup> DfT. The Road to Zero: Next steps towards cleaner road transport and delivering our Industrial Strategy, July 2018

deployed in 2022.

Part of the Count Down to Clean Air project work included:

- Attending and delivering business breakfast sessions, hosted by BDC, to raise awareness on Air Quality and how businesses can make a positive difference through employee travel plans and incentives for green travel.
- Delivering Air Quality and Active Travel educational sessions and assemblies to schools, providing resources for students who were encouraged to take part in Clean Air Day and Great Big Green week.
- The Beat the Street Programme – which encouraged students to use alternative and more environmentally friendly methods of travel. Small Games were held across the North of Blaby District. These games saw 11 primary schools take part as well as several community groups and businesses. A total of 33 boxes were installed with 3053 players taking part and 24,314 miles were covered by bike, scooter or foot which increased active travel over a four-week period between May and June 2022.

The CDTCA project came to an end in March 2023, however legacy work continues to take place within other projects.

### **Particulate Matters Project**

In 2022 BDC were awarded grant funding of £151,121 for a new DEFRA Air Quality Project: 'Particulate Matters'. This project is currently underway and will finish in July 2024 with a focus on PM<sub>2.5</sub> and the sources associated with it across the district. Progress to date includes installation of low-cost monitors within the district, working with Croft Quarry with regard to PM<sub>2.5</sub> generation from their complex and operations and working with public health partners to further understand the health associated impacts.

### **Let Go Electric Project**

In 2023 BDC were successful with a grant application for £573,701 to deliver their 'Let's Go Electric' project. This will allow the Council to purchase an electric Road Sweeper and undertake the retrofit a diesel Refuse Collection Vehicle (RCV) to an electric Refuse Collection Vehicle (RCV) to reduce levels of NO<sub>2</sub> and particulate matter (PM) within AQMAs in the district.

## Conclusions and Priorities

Two exceedances have been measured in the district in 2022 one in Braunstone Town and one in AQMA 6, Enderby.

Of the two exceedances, the highest was measured at CM6 (Braunstone Town) and this area will be declared as an AQMA with investigations being undertaken to better understand the change in concentration. Monitoring will continue in this area and an action plan will be developed and implemented.

An additional exceedance was also indicated within AQMA 6, however once distance corrected the concentration value fell below the NAQO and therefore there were two exceedances recorded across the district.

Overall concentrations of NO<sub>2</sub> have shown an increase over 2022, however other than the reported exceedances, the monitoring network remains within the NAQO.

AQMAs, 1, 2 and 4b have shown no exceedance of the NAQO and remain well below the objective threshold and will be revoked. AQMAs 3 and 6 will remain.

BDC's priorities in 2023 are to;

- Continue monitoring throughout 2023 to assess trends, and actions.
- Revoke AQMAs 1, 2 and 4b
- Declare a new AQMA (7) due to the exceedance at CM6.
- Undertake investigation work within the new AQMA (7) to inform an action plan.
- Prepare a replacement AQAP.

## Local Engagement and how to get involved

BDC continues to work closely with other stakeholders and local authorities on air quality matters and projects and to improve education and awareness throughout the district.

Members of the public can help improve air quality by participating in alternative methods of transport to personal car usage such as park and ride schemes, car sharing, buses, walking and cycling. More information may be found on the Choose How You Move website: <https://www.choosehowyoumove.co.uk/>

'Walk and Ride Blaby' is a long-term project which aims to encourage sustainable travel options within Blaby District. Funding has been sourced by BDC, The Leicester and Leicestershire Enterprise Partnership and Leicester City Council to plan, develop, and deliver this project. The focus of this work is to create a cycle route from New

Lubbesthorpe through to Braunstone Town joining the Great Central Way with Leicester City Centre. In addition to this there is also a partnership with 'Sustrans' to develop a Local Cycling and Walking Improvement Plan to increase provision of more sustainable travel routes.

### **Local Responsibilities and Commitment**

This ASR was prepared by the Environmental Services Team with the support and agreement of the following officers and departments:

- BDC Health, Leisure and Tourism Services
- BDC Planning Policy Team
- BDC Development Services Team
- UKHSA
- Leicestershire County Council
  - Public Health
  - Traffic Management
  - Sustainable Travel Team

This ASR has been approved by:

- Environmental Health, Housing and Community Services Group Manager
- Strategic Director
- Portfolio Holder and Elected Members

This ASR has been signed off by a Director of Public Health.

If you have any comments on this ASR, please send them to Environmental Services at:

Address: Council Offices, Desford Road, Narborough, Leicester, LE19 2EP

Telephone: 0116 275 0555

Email: [environmental.services@blaby.gov.uk](mailto:environmental.services@blaby.gov.uk)

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## 1. Local Air Quality Management

This report provides an overview of air quality in Blaby District during 2022. 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 order to achieve and maintain the objectives and the dates by which each measure will be carried out. This Annual Status Report (ASR) is an annual requirement showing the strategies employed by BDC to improve air quality and any progress that has been made.

The statutory air quality objectives applicable to LAQM in England are presented in Table E.1.

## 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 should prepare an Air Quality Action Plan (AQAP) within 18 months. The AQAP should specify how air quality targets will be achieved and maintained and provide dates by which measures will be carried out.

A summary of AQMAs declared by BDC can be found in Table 0.1. The table presents a description of the five AQMA(s) that are currently designated within Blaby District. Appendix D: Map(s) of Monitoring Locations and AQMAs provides maps of AQMA(s) and also the air quality monitoring locations in relation to the AQMA(s). The air quality objectives pertinent to the current AQMA designation(s) are as follows:

- NO<sub>2</sub> annual mean.

BDC will declare a new AQMA in Braunstone Town along the vicinity of Lubbesthorpe Road and Narborough Road South A5460 due to an exceedance of the NO<sub>2</sub> annual mean air quality objective.

The Council propose to revoke AQMA 1, 2 and 4b due to ongoing compliance with the national air quality objective.

**Table 0.1 – Declared Air Quality Management Areas**

AQMA Name	Date of Declaration	Pollutants and Air Quality Objectives	One Line Description	Is air quality in the AQMA influenced by roads controlled by Highways England?	Level of Exceedance: Declaration	Level of Exceedance: Current Year	Number of Years Compliant with Air Quality Objective	Name and Date of AQAP Publication	Web Link to AQAP
AQMA 1: A5460 Narborough Road South	Declared September 2000; Amended January 2018	NO <sub>2</sub> Annual Mean	Residential properties along a small section of Narborough Road South to the extent of Blaby District	NO	50 µg/m <sup>3</sup>	23 µg/m <sup>3</sup>	5	Air Quality Action Plan 2021-2025	<a href="https://www.blaby.gov.uk/media/z3opt2yt/air-quality-action-plan-2021-2025.pdf">https://www.blaby.gov.uk/media/z3opt2yt/air-quality-action-plan-2021-2025.pdf</a>
AQMA 2: M1 corridor in Enderby and Narborough	Declared September 2000; Amended 2020	NO <sub>2</sub> Annual Mean	Residential properties adjacent to the M1, between around 1.5 km and 3 km south of Junction 21.	YES	50 µg/m <sup>3</sup>	24 µg/m <sup>3</sup>	5	Air Quality Action Plan 2021-2025	<a href="https://www.blaby.gov.uk/media/z3opt2yt/air-quality-action-plan-2021-2025.pdf">https://www.blaby.gov.uk/media/z3opt2yt/air-quality-action-plan-2021-2025.pdf</a>
AQMA 3: M1 corridor between Thorpe Astley and Leicester Forest East	Declared September 2000; Amended April 2005; Amended 2020	NO <sub>2</sub> Annual Mean	Residential houses adjacent to the M1 and A47 between Thorpe Astley and Leicester Forest East	YES	62 µg/m <sup>3</sup>	23 µg/m <sup>3</sup>	4	Air Quality Action Plan 2021-2025	<a href="https://www.blaby.gov.uk/media/z3opt2yt/air-quality-action-plan-2021-2025.pdf">https://www.blaby.gov.uk/media/z3opt2yt/air-quality-action-plan-2021-2025.pdf</a>

AQMA Name	Date of Declaration	Pollutants and Air Quality Objectives	One Line Description	Is air quality in the AQMA influenced by roads controlled by Highways England?	Level of Exceedance: Declaration	Level of Exceedance: Current Year	Number of Years Compliant with Air Quality Objective	Name and Date of AQAP Publication	Web Link to AQAP
AQMA 4B: Enderby Road, Whetstone	Declared April 2005; Amended 2020	NO2 Annual Mean	Residential houses along Enderby Road, Whetstone	NO	50 µg/m <sup>3</sup>	25 µg/m <sup>3</sup>	5	Air Quality Action Plan 2021-2025	<a href="https://www.blaby.gov.uk/media/z3opt2yt/air-quality-action-plan-2021-2025.pdf">https://www.blaby.gov.uk/media/z3opt2yt/air-quality-action-plan-2021-2025.pdf</a>
AQMA6: Mill Hill, Enderby	Declared January 2018	NO2 Annual Mean	Residential properties along Hall Walk and Mill Hill, Enderby	NO	43 µg/m <sup>3</sup>	43 µg/m <sup>3</sup>	0	Air Quality Action Plan 2021-2025	<a href="https://www.blaby.gov.uk/media/z3opt2yt/air-quality-action-plan-2021-2025.pdf">https://www.blaby.gov.uk/media/z3opt2yt/air-quality-action-plan-2021-2025.pdf</a>

Blaby District Council confirm the information on UK-Air regarding their AQMA(s) is up to date

Blaby District Council confirm that all current AQAPs have been submitted to Defra

## 2.2 Progress and Impact of Measures to address Air Quality in Blaby District

Defra's appraisal of last year's ASR concluded that the report was well structured, detailed, and provided the information specified in the Guidance. The report was accepted, and the following comments were provided to help inform future reports:

1. The council have provided maps in Appendix D that clearly show the locations of the AQMA's, the monitoring locations and the annual mean results of each location. This allows the reader to easily see the monitoring locations in relation to major roads and to see at a glance the main monitoring result from each monitoring location.

**Response: Comment welcomed.**

2. The council have provided a comprehensive justification for their choice of bias adjustment factor. This is encouraged for future reports as it will allow the reader to easily see if the council are using the correct bias adjustment factor.

**Response: Comment welcomed.**

3. For the AQMA areas, make sure that the dates of any declarations and amendments are submitted to the portal so that all the details in the portal and in Table 2.1 match.

**Response: Comment welcomed and actioned.**

4. For all of the figures in Figure A.1, make sure that the figures have the current names of all of the monitoring locations so that it is easier for the reader to see which monitoring results correlate to which monitoring location.

**Response: Action taken to implement in ASR 2023**

BDC has taken forward a number of direct measures during the current reporting year of 2022 in pursuit of improving local air quality. Details of all measures completed, in progress or planned are set out in Table 0.2. 26 measures are included within Table 0.2, with the type of measure and the progress BDC have made during the reporting year of 2022 presented. Where there have been, or continue to be, barriers restricting the implementation of the measure, these are also presented within Table 0.2.

Key completed measures are:

- Action 1 - Gather information from local sources and interrogate air quality monitoring data to inform actions and support bids for funding.

- Action 4 - Gather information from local sources and interrogate air quality monitoring data to inform actions and support bids for funding. To include reconsideration of source apportionment
- Action 6 - Improve driver information about air quality for example, signs and active signs.
- Action 11 - Gather information from local sources and interrogate air quality monitoring data to inform actions and support bids for funding.
- Action 13 - Improve driver information about air quality for example, signs and active signs.
- Action 15 - Gather information from local sources and interrogate air quality monitoring data to inform actions and support bids for funding.
- Action 21 - Behavioural change project with businesses in vicinity of AQMA
- Action 23 - Develop a partnership to create a charging network across the district (public and private car parks, petrol stations, on street).
- Action 24 - Engage with Private Hire and Hackney Carriage operators and drivers to encourage the switch to electric vehicles
- Action 25 - Improve air quality information on BDC website.

Blaby District Council worked to implement these measures in partnership with the following stakeholders during 2022:

- Leicestershire County Council
  - Public Health,
  - Traffic Management,
  - Sustainable Travel

BDC's priorities for the coming year are to continue to work on completing the action plan measures and undeclaring AQMAs 1,2 and 4b. Blaby District Council intend to declare a new AQMA centred on a section of Lubbethorpe Road and Narborough Road South, A5460.

The principal challenges and barriers to implementation that BDC anticipate facing are the continuing limited resources available to both it and its partners.

BDC anticipate that the measures stated above and in Table 0.2 will achieve compliance in AQMAs 1, 2 and 4B.

Whilst the measures stated above and in Table 0.2 will help to contribute towards compliance, BDC anticipates that further additional measures not yet prescribed will be required in subsequent years to achieve compliance and enable the revocation of AQMA 6.



Table 0.2 – Progress on Measures to Improve Air Quality

Measure No.	Measure	Category	Classification	Year Measure Introduced in AQAP	Estimated / Actual Completion Date	Organisations Involved	Funding Source	Defra AQ Grant Funding	Funding Status	Estimated Cost of Measure	Measure Status	Reduction in Pollutant / Emission from Measure	Key Performance Indicator	Progress to Date	Comments / Barriers to Implementation
1 - AQMA 1 A5460 Narborough Road South	Gather information from local sources and interrogate air quality monitoring data to inform actions and support bids for funding.	Traffic Management	UTC, Congestion management, traffic reduction	Summer 2021	September 2023	BDC, Leicestershire County Council, Leicester City Council	BDC and Defra AQ Grant	YES	Partially Funded	< £10k	Completed	N/A	Clearer picture of traffic flows and effects on air quality	Data gathered throughout the year using a variety of sources	Data from 2022 indicates that AQMA 1 will be undeclared
2 - AQMA 1 A5460 Narborough Road South	Integrate traffic management (for example, SCOOT) with air quality monitoring	Traffic Management	UTC, Congestion management, traffic reduction	To be determined	2025	Leicestershire County Council	To be identified	NO	Not Funded		Aborted	N/A	Systems integrated	This work is dependent upon the outcome of Measure 1	Measure no longer needed
3 - AQMA1 A5460 Narborough Road South	Improve driver for example, signs and active signs	Traffic Management	UTC, Congestion management, traffic reduction	To be determined	2025	Leicestershire County Council	To be identified	NO	Not Funded		Completed	N/A	Signs installed	Current signs already active in park and ride locations such as Fosse Park and Narborough Road South	
4 - AQMA 2 M1 corridor in Enderby and Narborough	Gather information from local sources and interrogate air quality monitoring data to inform actions and support bids for funding. To include reconsideration of source apportionment	Traffic Management	UTC, Congestion management, traffic reduction	Summer 2021	Sep-23	BDC	BDC	NO	Not Funded	< £10k	Completed	N/A	Clearer picture of traffic flows and effects on air quality	Data gathered throughout the year using a variety of sources	Data from 2022 indicates that AQMA 2 will be undeclared
5 - AQMA 2 M1 corridor in Enderby and Narborough	Integrate traffic management (for example, SCOOT) with air quality monitoring	Traffic Management	UTC, Congestion management, traffic reduction	To be determined	To be determined	Leicestershire County Council	To be identified	NO	Not Funded		Aborted	N/A	Systems integrated	Presentation completed by LCC showing research and future considerations	measure no longer needed
6 - AQMA 2 M1 corridor in Enderby and Narborough	Improve driver information about air quality for example, signs and active signs	Traffic Management	UTC, Congestion management, traffic reduction	To be determined	To be determined	Leicestershire County Council	To be identified	NO	Not Funded		Completed	N/A	Signs installed	Current signs already active in park and ride locations such as Fosse Park and Narborough Road South	

Measure No.	Measure	Category	Classification	Year Measure Introduced in AQAP	Estimated / Actual Completion Date	Organisations Involved	Funding Source	Defra AQ Grant Funding	Funding Status	Estimated Cost of Measure	Measure Status	Reduction in Pollutant / Emission from Measure	Key Performance Indicator	Progress to Date	Comments / Barriers to Implementation
7 - AQMA 3 M1 corridor between Thorpe Astley and Leicester Forest East	Gather information from local sources and interrogate air quality monitoring data to inform actions and support bids for funding. To include reconsideration of source apportionment	Traffic Management	UTC, Congestion management, traffic reduction	Summer 2021	Sep-21	BDC	BDC	NO	Not Funded	< £10k	Implementation	N/A	Clearer picture of traffic flows and effects on air quality	Evidence continues to be gathered.	
8 - AQMA 3 M1 corridor between Thorpe Astley and Leicester Forest East	Deliver Braunstone Crossroads junction improvement	Traffic Management	UTC, Congestion management, traffic reduction	To be determined	To be determined	Leicestershire County Council /Developers	LCC/S106 money	NO	Funded		Planning	N/A	Junction improved	Awaiting date for implementation when development commences	
9 - AQMA 3 M1 corridor between Thorpe Astley and Leicester Forest East	Integrate traffic management (for example, SCOOT) with air quality monitoring	Traffic Management	UTC, Congestion management, traffic reduction	To be determined	2025	Leicestershire County Council	Leicestershire County Council	NO	Not Funded		Planning	N/A	Systems integrated	This work is dependent upon the outcome of Measure 7	
10 - AQMA 3 M1 corridor between Thorpe Astley and Leicester Forest East	Improve driver information about air quality for example, signs and active signs	Traffic Management	UTC, Congestion management, traffic reduction	To be determined	2025	Leicestershire County Council	Leicestershire County Council	NO	Not Funded		Implementation	N/A	Signs installed	Park and ride signs in area have been amended to represent appropriate wording.	
11 - AQMA 4B Enderby Road, Whetstone	Gather information from local sources and interrogate air quality monitoring data to inform actions and support bids for funding.	Traffic Management	UTC, Congestion management, traffic reduction	Summer 2021	Sep-23	BDC	BDC	NO	Not Funded	< £10k	Completed	N/A	Clearer picture of traffic flows and effects on air quality	Data from 2022 and observations supports undeclaration of this AQMA	
12 - AQMA 4B Enderby Road, Whetstone	Integrate traffic management (for example, SCOOT) with air quality monitoring	Traffic Management	UTC, Congestion management, traffic reduction	To be determined	2025	Leicestershire County Council	Leicestershire County Council	NO	Not Funded		Aborted	N/A	Systems integrated	. This work is dependent upon the outcome of Measure 11	measure no longer needed

Measure No.	Measure	Category	Classification	Year Measure Introduced in AQAP	Estimated / Actual Completion Date	Organisations Involved	Funding Source	Defra AQ Grant Funding	Funding Status	Estimated Cost of Measure	Measure Status	Reduction in Pollutant / Emission from Measure	Key Performance Indicator	Progress to Date	Comments / Barriers to Implementation
19 - AQMA 6 Mill Hill, Enderby	Delivery of Enderby Relief Road	Traffic Management	Strategic highway improvements, Re-prioritising Road space away from cars, including Access management, Selective vehicle priority, bus priority, high vehicle occupancy lane	To be determined	2025	Leicestershire County Council /Developers	Leicestershire County Council /S106 money	NO	Funded	> £10 million	Planning	N/A	Relief Road operational	Relevant planning application currently being processed	
20 - Wider measures	Secure investment through The LLEP and Transforming Cities funding to improve our walking and cycling routes. To develop key routes across the district. To work with colleagues in Leicester City, Leicestershire County Council and Sustrans on improvements to our cycle routes. Promotion of our walking and cycling routes to increase usage and a change in residents' behaviour. Implementation of a Walk and ride Connectivity strategy.	Promoting Travel Alternatives	Promotion of walking	2021 onwards	2025	BDC	BDC/DEFRA	YES	Funded		Implementation	N/A	Project completed	Liaison continued with work undertaken by the Health and Leisure Team	.

Measure No.	Measure	Category	Classification	Year Measure Introduced in AQAP	Estimated / Actual Completion Date	Organisations Involved	Funding Source	Defra AQ Grant Funding	Funding Status	Estimated Cost of Measure	Measure Status	Reduction in Pollutant / Emission from Measure	Key Performance Indicator	Progress to Date	Comments / Barriers to Implementation
21 - Wider measures	Behavioural change project with businesses in vicinity of AQMA	Promoting Travel Alternatives	Workplace Travel Planning	Autumn 2020 onwards	To be determined	BDC	BDC/DEFRA	YES	Funded	£10k - 50k	Completed	N/A	Completion of project	Attending and delivering business breakfast sessions, hosted by the BDC, to raise awareness on Air Quality and how businesses can make a positive difference, through employee travel plans, awareness raising and incentives for green travel.	Changes in staffing and workstreams affected the progress made in 2022.
22 - Wider measures	Behavioural change project with schools	Promoting Travel Alternatives	School Travel Plans	Autumn 2020 onwards	To be determined	BDC	BDC/DEFRA	YES	Funded	£10k - 50k	Implementation	N/A	Completion of project	Delivering Air Quality and Active Travel educational session and assemblies to schools.	Changes in staffing and workstreams affected the progress made in 2022.
														Creation and delivery of engaging activities for schools – linking in initiatives such as Clean Air Day 2022 and Great Big Green Week to showcase the multitude of positive benefits.	Elements of the Project are being taken forward into 2023, beyond the formal Project end date. For example, Clean Air Day 2023 and work with the Schools Sport Partnership.
														Beat the Street Programme – which encouraged students to use alternative and more environmentally friendly methods of travel. Small Games were held across the North of Blaby District which includes Enderby and Glenfield. These games seen 11 primary schools take part as well as several community groups/businesses. A total of 33 boxes were installed, 3053 players took part, and 24,314	

Measure No.	Measure	Category	Classification	Year Measure Introduced in AQAP	Estimated / Actual Completion Date	Organisations Involved	Funding Source	Defra AQ Grant Funding	Funding Status	Estimated Cost of Measure	Measure Status	Reduction in Pollutant / Emission from Measure	Key Performance Indicator	Progress to Date	Comments / Barriers to Implementation
														miles were covered on bike, scooter, or foot, which increased active travel over a four-week period between May and June 2022 and subsequently had the potential to improve Air Quality.	
23 - Wider measures	Develop a partnership to create a charging network across the district (public and private car parks, petrol stations, on street)	Promoting Low Emission Transport	Procuring alternative Refuelling infrastructure to promote Low Emission Vehicles, EV recharging, Gas fuel recharging	September 2020	To be determined	BDC	BDC	NO	Funded		Completed	N/A	Completion of Project	Further project work being coordinated with Leicestershire County Council	
24 - Wider measures	Engage with the taxi drivers to encourage the switch to electric vehicles.	Promoting Low Emission Transport	Taxi emission incentives	2021	2022	BDC	BDC	NO	Not Funded		Completed	N/A	Completion of project	BDC approved The Hackney Carriage and Private Hire Licensing Policy for 2022 – 2027 to incentivise the use of Ultra Low Emission Vehicles (ULEV's) and Electric Vehicles (EV).	This action will be revisited in 2022 (ASR 2023) with drivers continuing to be engaged
25 - Wider measures	Improve air quality information on BDC website	Public Information	Via the Internet	Summer 2021	End of July 2021	BDC	BDC	NO	Not Funded		Completed	N/A	Improved webpage	Web page made easier to access information and reports. All the latest information and reports are now made available through BDC's website.	

Measure No.	Measure	Category	Classification	Year Measure Introduced in AQAP	Estimated / Actual Completion Date	Organisations Involved	Funding Source	Defra AQ Grant Funding	Funding Status	Estimated Cost of Measure	Measure Status	Reduction in Pollutant / Emission from Measure	Key Performance Indicator	Progress to Date	Comments / Barriers to Implementation
26 - Wider measures	Use the Pan Regional Transport Model (PRTM) to build an Air quality model to be able to assess proposed physical mitigation measures and provide the evidence to bid for funding	Traffic Management	UTC, Congestion management, traffic reduction	2021	To be determined	LCC	LCC	NO	Not Funded		Aborted	N/A	Clearer picture of traffic flows and effects on air quality	The main focus of the modelling was to be AQMA 6. However, monitoring has indicated that the situation may be simpler than originally envisaged and therefore this measure is no longer required.	

### 2.3 PM<sub>2.5</sub> – Local Authority Approach to Reducing Emissions and/or Concentrations

As detailed in Policy Guidance LAQM.PG22 (Chapter 8), local authorities are expected to work towards reducing emissions and/or concentrations of PM<sub>2.5</sub> (particulate matter with an aerodynamic diameter of 2.5µm or less). There is clear evidence that PM<sub>2.5</sub> has a significant impact on human health, including premature mortality, allergic reactions, and cardiovascular diseases.

BDC is taking the following measures to address PM<sub>2.5</sub>:

There are two continuous monitors that record concentrations of PM. CM1 located near AQMA2 monitors PM<sub>10</sub>, a correction factor is then used to give a PM<sub>2.5</sub> concentration. The second continuous monitor (CM5) located in AQMA 6 directly monitors PM<sub>2.5</sub>. In addition to this BDC have installed a number of low-cost monitors known as Zephyrs which monitor NO<sub>2</sub>, PM<sub>1</sub>, PM<sub>10</sub>, PM<sub>2.5</sub> and O<sub>3</sub>. Although these monitors are not yet recognised as reference methods, they allow for a greater understanding of trends within the area. The Zephyrs were obtained through the Count Down To Clean Air Project and will be used to monitor in other grant funded projects in the future.

#### Control of sources:

Emissions to atmosphere generated by Permitted Processes are regulated by the Council. There are a number of Processes in the district which may give rise to PM<sub>2.5</sub> such as Croft Quarry, Concrete Batching and Mobile Crushing Plants. BDC currently regulate 33 processes across the district.

The Environmental Services Team provide expert advice and consultation comments to the Development Services Team in relation to planning applications and where appropriate, the Team recommend controls over dust from construction and demolition sites, generally through construction management plans. New sources that have a potential to contribute to levels of PM<sub>2.5</sub> are also assessed with actions implemented to control emissions.

The section of the District termed as the Principle Urban Area (PUA) is covered by Smoke Control Areas (SCAs). BDC has a number of SCA's that are enforced where reports of visible smoke occur. The Environment Act 2021 provides legislation to further tackle smoke from domestic chimneys and work is progressing within the Authority to produce a policy for action under this legislation.

## 3. Air Quality Monitoring Data and Comparison with Air Quality Objectives and National Compliance

This section sets out the monitoring undertaken within 2022 by BDC and how it compares with the relevant air quality objectives. In addition, monitoring results are presented for a five-year period between 2018 and 2022 to allow monitoring trends to be identified and discussed.

### 3.1 Summary of Monitoring Undertaken

#### 3.1.1 Automatic Monitoring Sites

BDC undertook automatic (continuous) monitoring at five sites during 2022. Table A.1 in Appendix A shows the details of the automatic monitoring sites. NB. Local authorities do not have to report annually on the following pollutants: 1,3 butadiene, benzene, carbon monoxide and lead, unless local circumstances indicate there is a problem. The [Air Quality - Monitoring in Blaby District | Tableau Public](#) page presents automatic monitoring results for BDC, with automatic monitoring results also available through the UK-Air website .

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

In regard to data capture, a significant improvement has been made in comparison to previous years. In 2022, CM1 was the only monitoring location which required annualisation due to obtaining a data capture below 75%. The remaining four monitoring stations presented a sufficient volume of data capture which did not require annualisation. Further details can be found in the [Quality Assurance / Quality Control \(QA/QC\)](#) section in Appendix C.

#### 3.1.2 Non-Automatic Monitoring Sites

BDC undertook non- automatic (i.e. passive) monitoring of NO<sub>2</sub> at 80 sites during 2022. Table A.2 in Appendix A presents the details of the non-automatic sites.

Maps showing the location of the monitoring sites are provided in Appendix D. Further details on QA/QC for the diffusion tubes, including bias adjustments and any other adjustments applied (e.g. annualisation and/or distance correction), are included in Appendix C.



## 3.2 Individual Pollutants

The air quality monitoring results presented in this section are, where relevant, adjusted for bias, annualisation (where the annual mean data capture is below 75% and greater than 25%), and distance correction. Further details on adjustments are provided in Appendix C.

### 3.2.1 Nitrogen Dioxide (NO<sub>2</sub>)

Table A.3 and Table A.4 in Appendix A compare the ratified and adjusted monitored NO<sub>2</sub> annual mean concentrations for the past five years with the air quality objective of 40µg/m<sup>3</sup>. Note that the concentration data presented represents the concentration at the location of the monitoring site, following the application of bias adjustment and annualisation, as required (i.e. the values are exclusive of any consideration to fall-off with distance adjustment).

For diffusion tubes, the full 2022 dataset of monthly mean values is provided in Appendix B. Note that the concentration data presented in Table B.1 includes distance corrected values, only where relevant.

Table A.5 in Appendix A compares the ratified continuous monitored NO<sub>2</sub> hourly mean concentrations for the past five years with the air quality objective of 200µg/m<sup>3</sup>, not to be exceeded more than 18 times per year.

Below is a summary of air quality trends across 2022 for each monitoring area. An additional 22 tubes were introduced, with a particular focus on areas of concern. Those introduced in Enderby and Glenfield were part of the CDTCA project. Based on consistent low concentrations of NO<sub>2</sub> a decision was made to no longer monitor in the area of Cosby and to reduce monitoring in the areas of Sapcote, Glen Parva and Thorpe Astley.

#### **AQMA 1 – A5460 Narborough Road South**

Diffusion tube data concentrations have remained consistently low over the last five years, based on this the AQMA will be revoked.

#### **AQMA 2 – M1 Corridor in Enderby and Narborough**

No changes were made to this AQMA in 2022 and monitoring continued through DT48 which has shown a small increase in concentration in comparison to 2021, but remains well below the NAQO. Based on this and consistency over previous years, AQMA 2 will be revoked.

**AQMA 3 – M1 Corridor between Thorpe Astley and Leicester Forest East**

The A47 (Hinckley Road) is located within this AQMA and is extensively used throughout the day, with higher levels of traffic present in particular during peak rush hour times. Whilst CM4 has shown a reduction in concentrations, diffusion tube data has shown small increases across the AQMA. The largest change in concentration can be noted at DT16 and DT57, both of which are located on Ratby Lane.

Monitoring will continue within this AQMA over the next year to assess trends and analyse the impacts of nearby developments, and where compliance is evident, it possible that this AQMA may be amended.

Monitoring has been reduced in 2023 with DT18 and DT81 removed.

**AQMA 4B – Enderby Road, Whetstone**

Monitoring has continued within this AQMA (DT20 and DT26). Concentrations show a small increase however they remain below the NAQO and are consistent with previous year's results. Based on this the AQMA will be revoked, however, to maintain an understanding of the area monitoring will continue through the use of DT20.

**AQMA – 6 Mill Hill, Enderby**

Monitoring was increased within this AQMA over 2022, with the addition of 15 new diffusion tubes: five within the AQMA and 10 outside the AQMA along the B582, through the CDTCA project. CM5 has shown a small increase in concentration yet remains below the NAQO with no requirement for annualisation.

There were two exceedances recorded overall within the AQMA at DT4 and DT118.

As DT4 has exceeded in the past and came close to exceeding in 2019, monitoring will continue.

DT118 was introduced in 2022 and is located centrally within the AQMA. Although this tube was exceeding at roadside, distance correction was necessary as the nearest receptor (housing) is set back from the road. Distance correction results in the concentration reducing to 22.5  $\mu\text{g}/\text{m}^3$ , falling well below the NAQO. Further details can be found in the QA/QC section. Monitoring will continue to assess if the higher concentrations are part of a longer-term trend.

The remaining diffusion tubes within the AQMA have shown some small changes but remain within the NAQO.

As the CDTCA project ended in 2023 DT40 and DT116 (within the AQMA) have been removed, however some tubes have been retained for continued monitoring in relation to the AQMA.

### **Enderby**

The 10 additional diffusion tubes were added to map the concentrations over a wider area. The elevated concentrations recorded within this area could potentially be owed to the steep hill and idling during busy times. However, as there are no relevant receptors the NAQO is not directly applicable. DT84 and DT120 are located outside of the AQMA, with close proximity to Enderby Village. Both monitoring sites show no exceedances of the NAQO.

As the CDTCA project ended in 2023, DT 106, 107, 108, 109, 113, 116 and 120 have been removed. All concentrations at these sites remain below the NAQO.

### **Other Monitoring Areas**

#### **Braunstone Town**

CM6 located on Lubbesthorpe Road reported an annual exceedance for NO<sub>2</sub> above the NAQO in 2022. BDC will be declaring an AQMA and investigating the exceedance, with the aim of understanding if there is a singular or multiple sources attributing to the increase of levels. As part of this, additional monitoring will be undertaken, and work will continue with Leicestershire County Council and Leicester City Council to supplement investigations. The triplicate set co-located with CM1 has also shown a small increase but remains within the NAQO. Concentrations at DT1 have shown a small increase but remain within the NAQO. Monthly concentrations for CM6 can be found under Figure A.1 in [Appendix A](#).

#### **Sharnford Hill, Sharnford**

Monitoring in Sharnford has indicated a small increase in comparison to last year, however, demonstrates no exceedance of the NAQO.

#### **Glenfield Village**

CM7 located in Glenfield has shown no exceedance of the NAQO and is consistent with the previous five years results. Four additional diffusion tubes were introduced from the CDTCA project due to initial concerns within the area however all diffusion tube monitoring sites remain within the NAQO for 2022.

As the CDTCA project came to an end in 2023, DTs 85, 103, 104 and 105 were not deployed in 2023.

#### **Glen Parva**

Both diffusion tubes remain below the NAQO with a small change in concentrations in comparison to 2021.

Monitoring will continue due to the potential of nearby developments.

### **Stoney Stanton Village**

Monitoring continued in 2022 with an additional three diffusion tubes, DT75, 98 and 101 deployed, to further inform initial concerns raised, however there were no exceedances of the NAQO.

Monitoring will continue within this area to understand long term patterns and to obtain background data due to the potential of nearby developments.

### **Sapcote Village**

In 2022 a reduced number of diffusion tubes were deployed. In trend with the previous five years, Sapcote Village shows no exceedance of the NAQO.

Monitoring will continue through DT31 due to the potential of nearby developments.

### **Elmesthorpe Railway Bridge**

Concentrations have shown no change over the previous monitoring year, remaining at a low concentration.

Monitoring will continue to ensure background levels are obtained to assess the impact of surrounding proposed developments, such as the Hinckley National Rail Freight Interchange.

### **Thorpe Astley**

Concentrations have not changed significantly within this area and remain well within the NAQO. In 2022 there was a reduction of diffusion tube monitoring due to consistent low readings.

### **Kirby Muxloe**

Monitoring in Kirby Muxloe continued in 2022, and the concentration from DT77 shows a small increase from 2021, however still remaining well below the NAQO.

### **Aston Firs, near Sapcote**

Monitoring shows a small increase from 2021 yet remains well below NAQO.

Monitoring will continue to understand background trends, in relation to larger scale developments within the area.

## **Main Street, Kilby**

A small increase in concentration can be seen at Kilby, however this remains low, consistent with the previous three years of monitoring.

## **Active Travel Monitoring**

2022 provided the final full year of monitoring data in regard to the CDTCA Project.

No exceedances of the NAQO were noted over the four years of monitoring and in 2022 levels ranged between 11  $\mu\text{g}/\text{m}^3$  and 22  $\mu\text{g}/\text{m}^3$ .

Although this project has ended and the additional diffusion tubes are no longer deployed, legacy work will continue through additional grant projects and initiatives such as Clean Air Day.

## **Summary**

An assessment of monitoring locations is conducted annually and takes into consideration areas of local concern, potential or nearby developments and busy main roads.

Concentrations of  $\text{NO}_2$  in the district have seen an increase consistent with levels recorded in 2019, with three exceedances across the monitoring network (two overall once distance corrected).

Investigations into the exceedance at CM6 will continue.

### **3.2.2 Particulate Matter (PM<sub>10</sub>)**

Table A.6 in Appendix A: Monitoring Results compares the ratified and adjusted monitored PM<sub>10</sub> annual mean concentrations for the past five years with the air quality objective of 40 $\mu\text{g}/\text{m}^3$ .

Table A.7 in Appendix A compares the ratified continuous monitored PM<sub>10</sub> daily mean concentrations for the past five years with the air quality objective of 50 $\mu\text{g}/\text{m}^3$ , not to be exceeded more than 35 times per year.

Concentrations of PM<sub>10</sub> have shown a small increase in comparison to 2021, from 10.8  $\mu\text{g}/\text{m}^3$  to 11.7  $\mu\text{g}/\text{m}^3$ . No exceedances of PM<sub>10</sub> have been recorded in 2022 of the annual and daily NAQOs.

### 3.2.3 Particulate Matter (PM<sub>2.5</sub>)

Table A.8 in Appendix A presents the ratified and adjusted monitored PM<sub>2.5</sub> annual mean concentrations for the past five years.

CM5 directly measures concentrations of PM<sub>2.5</sub>. For CM1 a conversion calculation is used to calculate PM<sub>2.5</sub> from PM<sub>10</sub> further details are provided in the [QA/QC section](#). PM<sub>2.5</sub> levels remain consistent with the previous five year representing an improvement. Monitoring will continue in 2023.

## Appendix A: Monitoring Results

Table A.1 – Details of Automatic Monitoring Sites

Site ID	Site Name	Site Type	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Pollutants Monitored	In AQMA? Which AQMA?	Monitoring Technique	Distance to Relevant Exposure (m) <sup>(1)</sup>	Distance to kerb of nearest road (m) <sup>(2)</sup>	Inlet Height (m)
CM1	Blaby 1 (Packhorse Drive, Enderby)	Roadside	454482	298573	NO <sub>2</sub> ; PM <sub>10</sub>	NO	Chemiluminescent; Gravimetric (TEOM)	12.6	0.65	3
CM4	Blaby 4 (Hinckley Road, LFE)	Roadside	453492	303315	NO <sub>2</sub>	YES; AQMA 3	Chemiluminescent	4	1	1.5
CM5	Blaby 2 (Mill Hill, Enderby)	Roadside	453594	299549	NO <sub>2</sub> ; PM <sub>2.5</sub>	YES; AQMA 6	Chemiluminescent; Gravimetric (TEOM)	4	1	1.5
CM6	Blaby 5 (Lubbesthorpe Road, Braunstone Town)	Roadside	455722	300782	NO <sub>2</sub>	NO	Chemiluminescent	7	1	1.5
CM7	Blaby 3 (Stamford Street, Glenfield)	Roadside	453934	305999	NO <sub>2</sub>	NO	Chemiluminescent	5	2.4	1.5

**Notes:**

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

(2) N/A if not applicable

**Table A.2 – Details of Non-Automatic Monitoring Sites**

Diffusion Tube ID	Site Name	Site Type	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) <sup>(1)</sup>	Distance to kerb of nearest road (m) <sup>(2)</sup>	Tube Co-located with a Continuous Analyser?	Tube Height (m)
1	Kingsway	Roadside	455970	301146	NO2	No	11.0	1.5	No	2.2
4	Hall Walk, Moores Lane, Enderby	Roadside	453606	299557	NO2	Yes, AQMA 6	0.0	1.5	No	1.8
15	1 Newbridge Road, Glen Parva	Roadside	457011	299627	NO2	No	0.0	7.8	No	2.8
16	The Cottage, Ratby Lane	Other	456786	298547	NO2	Yes, AQMA 3	15.0	5.4	No	1.8
18	62 Packer Avenue, LFE	Roadside	453220	304273	NO2	Yes, AQMA 3	0.0	22.7	No	1.8
20	159 Enderby Rd, Whetstone	Other	453488	303637	NO2	Yes, AQMA 4B	0.0	4.7	No	1.7
25	7 Narborough Road South	Roadside	455819	297954	NO2	Yes, AQMA 1	0.0	7.0	No	1.8
26	Junction of Victoria Rd, Whetstone	Roadside	456470	301903	NO2	Yes, AQMA 4B	15.5	2.2	No	2.0
31	5 Hinckley Road, Sapcote	Roadside	455817	297937	NO2	No	0.0	1.9	No	1.8
35	2 Narborough Rd. South	Roadside	448481	293549	NO2	No	0.0	13.2	No	1.9
40	Conery Lane/Mill Hill Road	Roadside	448876	293447	NO2	Yes, AQMA 6	7.6	1.6	No	1.9
41	9 Mill Hill Road, Enderby	Roadside	454554	294803	NO2	Yes, AQMA 6	0.0	3.8	No	1.7



Diffusion Tube ID	Site Name	Site Type	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) <sup>(1)</sup>	Distance to kerb of nearest road (m) <sup>(2)</sup>	Tube Co-located with a Continuous Analyser?	Tube Height (m)
94	Lamppost opp Blaby 3, Stamford Street	Roadside	454930	302529	NO2	No	2.7	1.5	No	1.9
95	5 Main Street, Glenfield	Roadside	454178	302627	NO2	No	1.9	1.9	No	1.9
96	Estate Agents, roundabout Broughton Rd	Roadside	462115	295374	NO2	No	0.5	1.1	No	1.8
97	Scout hut, Broughton Rd, Stoney Stanton	Roadside	455695	300824	NO2	No	15.8	1.6	No	1.8
98	3 Station Rd, opposite Foxbank Ind Est	Roadside	453957	302912	NO2	No	2.8	3.0	No	1.8
99	5 Murby Way, Thorpe Astley (former DT70)	Roadside	453219	303310	NO2	No	6.1	2.0	No	1.8
100	Windsor Avenue, Glen Parva	Roadside	453933	305973	NO2	No	5.5	1.2	No	1.9
101	21 Long Street, Stoney Stanton	Roadside	449094	294690	NO2	No	0.0	0.5	No	1.8
102	28 Stamford Street, Glenfield	Other	453960	305928	NO2	No	0.0	3.0	No	1.7
103	72 Stamford Street, Glenfield	Roadside	454109	305725	NO2	No	4.8	3.0	No	1.8
104	4 Park Drive, Glenfield	Roadside	454062	305692	NO2	No	8.0	0.5	No	1.8
105	6 Park Drive, Glenfield	Roadside	454065	305665	NO2	No	18.0	0.4	No	1.8

Diffusion Tube ID	Site Name	Site Type	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) <sup>(1)</sup>	Distance to kerb of nearest road (m) <sup>(2)</sup>	Tube Co-located with a Continuous Analyser?	Tube Height (m)
117	Lamppost by walkway, Enderby	Roadside	454122	305701	NO2	Yes, AQMA 6	13.5	0.6	No	1.9
118	Lamppost 57, village centre sign, Enderby	Roadside	453673	299475	NO2	Yes, AQMA 6	22.4	0.5	No	1.8
119	Lamppost 62, nr Moores Lane, Enderby	Roadside	453850	299288	NO2	Yes, AQMA 6	24.0	0.6	No	1.8
120	Lamppost 41, nr Brockington College, Enderby	Roadside	453834	299303	NO2	No	30.9	0.5	No	1.8
AT1	Greystoke Primary, Narborough (BB54)	Roadside	454173	297603	NO2	No	5.5	2.0	No	1.8
AT2	Brockington College, Enderby (BB58)	Roadside	454356	298548	NO2	No	128.7	46.9	No	2.5
AT3	Danemill Primary, Enderby (BB60)	Roadside	453939	298947	NO2	No	103.7	1.5	No	1.8
AT4	Stafford Leys Primary, LFE (BB11)	Roadside	452944	303000	NO2	No	10.0	15.0	No	1.8
AT5	Fossebrook Primary, LFE (BB13)	Roadside	453982	303197	NO2	No	5.0	1.8	No	1.8
AT6	Glenfield Primary, Glenfield (BB05)	Roadside	453973	305842	NO2	No	14.0	2.4	No	1.8
AT7	Kingsway Primary,	Roadside	455214	302616	NO2	No	26.1	9.0	No	1.8

Diffusion Tube ID	Site Name	Site Type	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Pollutants Monitored	In AQMA? Which AQMA?	Distance to Relevant Exposure (m) <sup>(1)</sup>	Distance to kerb of nearest road (m) <sup>(2)</sup>	Tube Co-located with a Continuous Analyser?	Tube Height (m)
	Braunstone (BB16)									
AT8	The Winstanley School, Braunstone	Roadside	455251	302600	NO2	No	14.0	1.9	No	1.8
AT9	Ravenhurst Primary, Braunstone (BB21)	Roadside	455827	301842	NO2	No	18.0	3.4	No	1.8
AT10	Millfield Primary, Braunstone (BB23)	Roadside	453012	298723	NO2	No	15.0	2.3	No	1.8
AT11	The Pastures Primary, Enderby (BB59)	Roadside	455311	301428	NO2	No	25.9	1.6	No	1.8
AT12	Sainsbury's Footpath (BB27)	Other	455233	300417	NO2	No	472.8	22.5	No	1.8
AT13	Marriott Hotel (BB28)	Roadside	455035	300372	NO2	No	589.4	1.8	No	1.8
AT14	Badgerbrook Primary, Whetstone (BB42)	Roadside	455934	296288	NO2	No	35.9	1.2	No	1.8

**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.3 – Annual Mean NO<sub>2</sub> Monitoring Results: Automatic Monitoring (µg/m<sup>3</sup>)**

Site ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) <sup>(1)</sup>	Valid Data Capture 2022 (%) <sup>(2)</sup>	2018	2019	2020	2021	2022
CM1	454482	298573	Roadside	64.38	64.38	27	30.9	16	24.3	21.8
CM4	453492	303315	Roadside	81.46	81.46	<b>47.3</b>	38.4	23.3	26.9	23.3
CM5	453594	299549	Roadside	84.34	84.34	38.3	30.9	22.9	18.9	24.9
CM6	455722	300782	Roadside	91.97	91.97	-	-	21	19.8	<b>47.8</b>
CM7	453934	305999	Roadside	96.94	96.94	-	-	21.1	20.2	19.1

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

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

#### Notes:

The annual mean concentrations are presented as µg/m<sup>3</sup>.

Exceedances of the NO<sub>2</sub> annual mean objective of 40µg/m<sup>3</sup> are shown in **bold**.

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.

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

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

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

**Table A.4 – Annual Mean NO<sub>2</sub> Monitoring Results: Non-Automatic Monitoring (µg/m<sup>3</sup>)**

Diffusion Tube ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) <sup>(1)</sup>	Valid Data Capture 2022 (%) <sup>(2)</sup>	2018	2019	2020	2021	2022
1	455970	301146	Roadside	92	92.3	30.8	25.1	20.5	20.0	24.7
4	453606	299557	Roadside	100	100.0	<b>47.1</b>	36.9	29.4	29.3	<b>40.3</b>
15	457011	299627	Roadside	92	90.4	20.0	16.4	13.5	14.3	17.0
16	456786	298547	Other	100	100.0	34.4	27.9	22.2	21.8	28.1
18	453220	304273	Roadside	100	100.0	30.1	24.9	20.6	19.1	24.3
20	453488	303637	Other	100	100.0	25.7	20.6	15.8	17.2	21.7
25	455819	297954	Roadside	100	100.0	29.4	23.0	17.0	18.1	22.0
26	456470	301903	Roadside	100	100.0	31.5	27.6	20.7	19.4	25.3
31	455817	297937	Roadside	100	100.0		15.4	11.5	11.6	16.2
35	448481	293549	Roadside	83	82.7		16.4	11.5	12.3	22.5
40	448876	293447	Roadside	75	73.1	28.7	21.9	17.8	17.9	19.8
41	454554	294803	Roadside	100	100.0	32.1	26.3	20.2	21.0	27.8
43	456521	301896	Roadside	100	100.0	32.5	25.2	18.3	19.2	22.3

Diffusion Tube ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) <sup>(1)</sup>	Valid Data Capture 2022 (%) <sup>(2)</sup>	2018	2019	2020	2021	2022
98	453957	302912	Roadside	100	100.0				15.4	17.9
99	453219	303310	Roadside	100	100.0				17.3	19.4
100	453933	305973	Roadside	100	100.0				10.7	12.8
101	449094	294690	Roadside	100	100.0					18.6
102	453960	305928	Other	100	100.0					19.3
103	454109	305725	Roadside	100	100.0					21.1
104	454062	305692	Roadside	75	73.1					19.2
105	454065	305665	Roadside	83	84.6					16.9
106	453422	299556	Roadside	100	100.0					11.2
107	453422	299595	Roadside	100	100.0					10.5
108	452907	300156	Roadside	100	100.0					18.9
109	452916	300156	Roadside	100	100.0					22.3
110	452986	300097	Roadside	100	100.0					24.2
111	452992	300094	Roadside	100	100.0					24.8

Diffusion Tube ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) <sup>(1)</sup>	Valid Data Capture 2022 (%) <sup>(2)</sup>	2018	2019	2020	2021	2022
112	453113	300009	Roadside	100	100.0					36.8
113	453292	299879	Roadside	100	100.0					24.9
114	453292	299876	Roadside	100	100.0					33.4
115	453432	299745	Roadside	92	90.4					33.5
116	453463	299731	Roadside	100	100.0					27.3
117	454122	305701	Roadside	100	100.0					34.6
118	453673	299475	Roadside	100	100.0					<b>43.0</b>
119	453850	299288	Roadside	67	67.3					33.0
120	453834	299303	Roadside	92	92.3					20.1
AT1	454173	297603	Roadside	92	90.4		15.3	12.2	11.7	14.6
AT2	454356	298548	Roadside	92	92.3		16.2	13.2	13.3	12.9
AT3	453939	298947	Roadside	92	92.3		17.0	10.8	12.9	12.2
AT4	452944	303000	Roadside	100	100.0		14.5	10.1	10.6	11.3
AT5	453982	303197	Roadside	100	100.0		16.9	12.6	13.7	14.9

Diffusion Tube ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) <sup>(1)</sup>	Valid Data Capture 2022 (%) <sup>(2)</sup>	2018	2019	2020	2021	2022
AT6	453973	305842	Roadside	100	100.0		17.1	12.2	12.5	13.3
AT7	455214	302616	Roadside	100	92.3		16.2	11.9	11.6	12.8
AT8	455251	302600	Roadside	100	100.0		17.0	13.5	12.8	14.8
AT9	455827	301842	Roadside	100	100.0		19.1	16.1	16.6	18.8
AT10	453012	298723	Roadside	100	100.0		18.5	13.8	13.9	15.2
AT11	455311	301428	Roadside	100	100.0		13.6	10.1	10.5	11.1
AT12	455233	300417	Other	100	100.0		25.5	18.0	20.4	22.0
AT13	455035	300372	Roadside	100	100.0		24.6	17.6	18.0	19.1
AT14	455934	296288	Roadside	83	82.7			12.0	12.1	12.6

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:

The annual mean concentrations are presented as  $\mu\text{g}/\text{m}^3$ .

Exceedances of the NO<sub>2</sub> annual mean objective of  $40\mu\text{g}/\text{m}^3$  are shown in **bold**.

NO<sub>2</sub> annual means exceeding  $60\mu\text{g}/\text{m}^3$ , indicating a potential exceedance of the NO<sub>2</sub> 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.

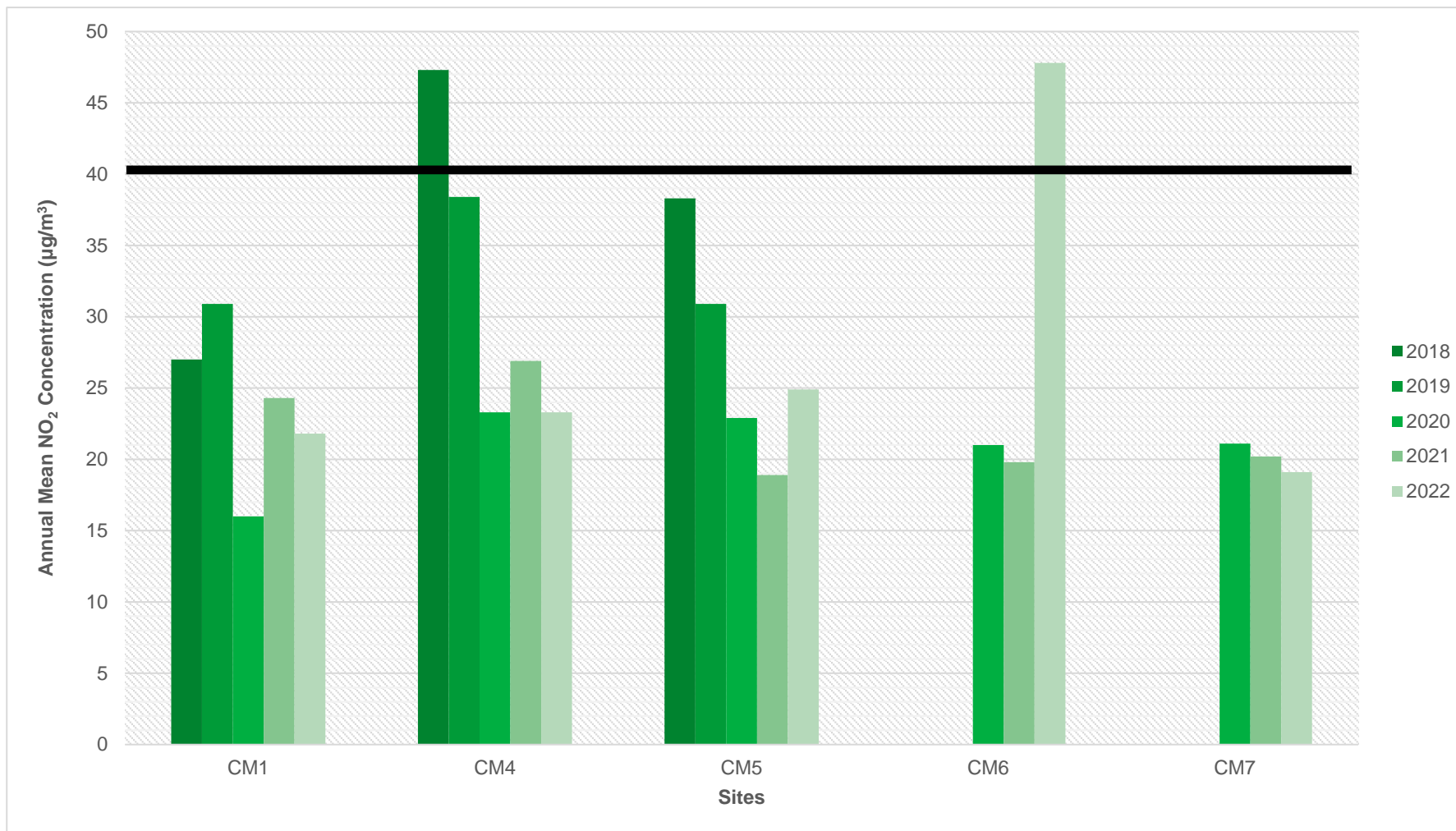
Concentrations are those at the location of monitoring and not those following any fall-off with distance adjustment.

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

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

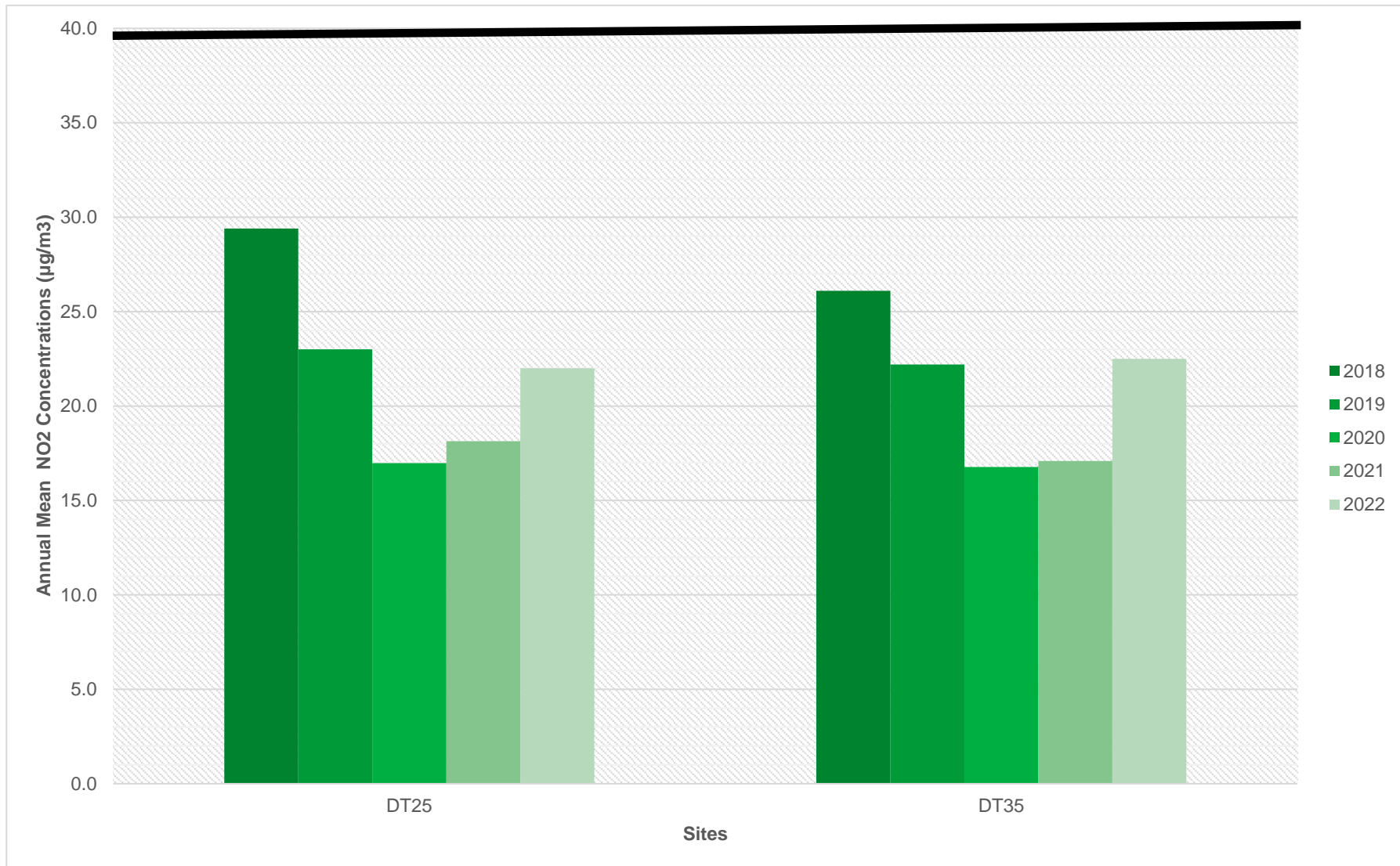
**Figure A.1 – Trends in Annual Mean NO<sub>2</sub> Concentrations**

**Air Quality Monitoring Stations**



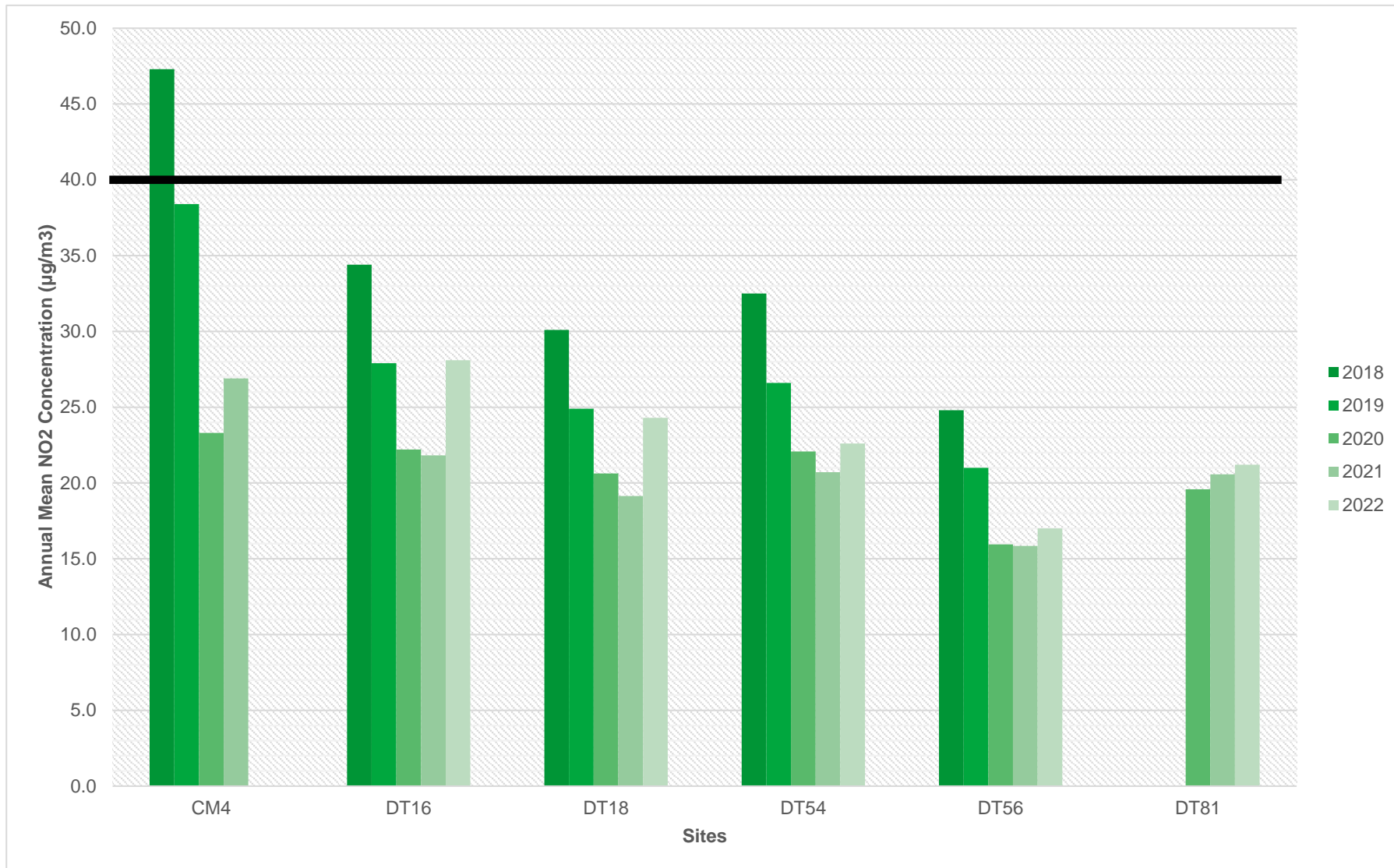
The black line represents the NAQO for the named pollutant.

**AQMA 1 – A5460 Narborough Road South**



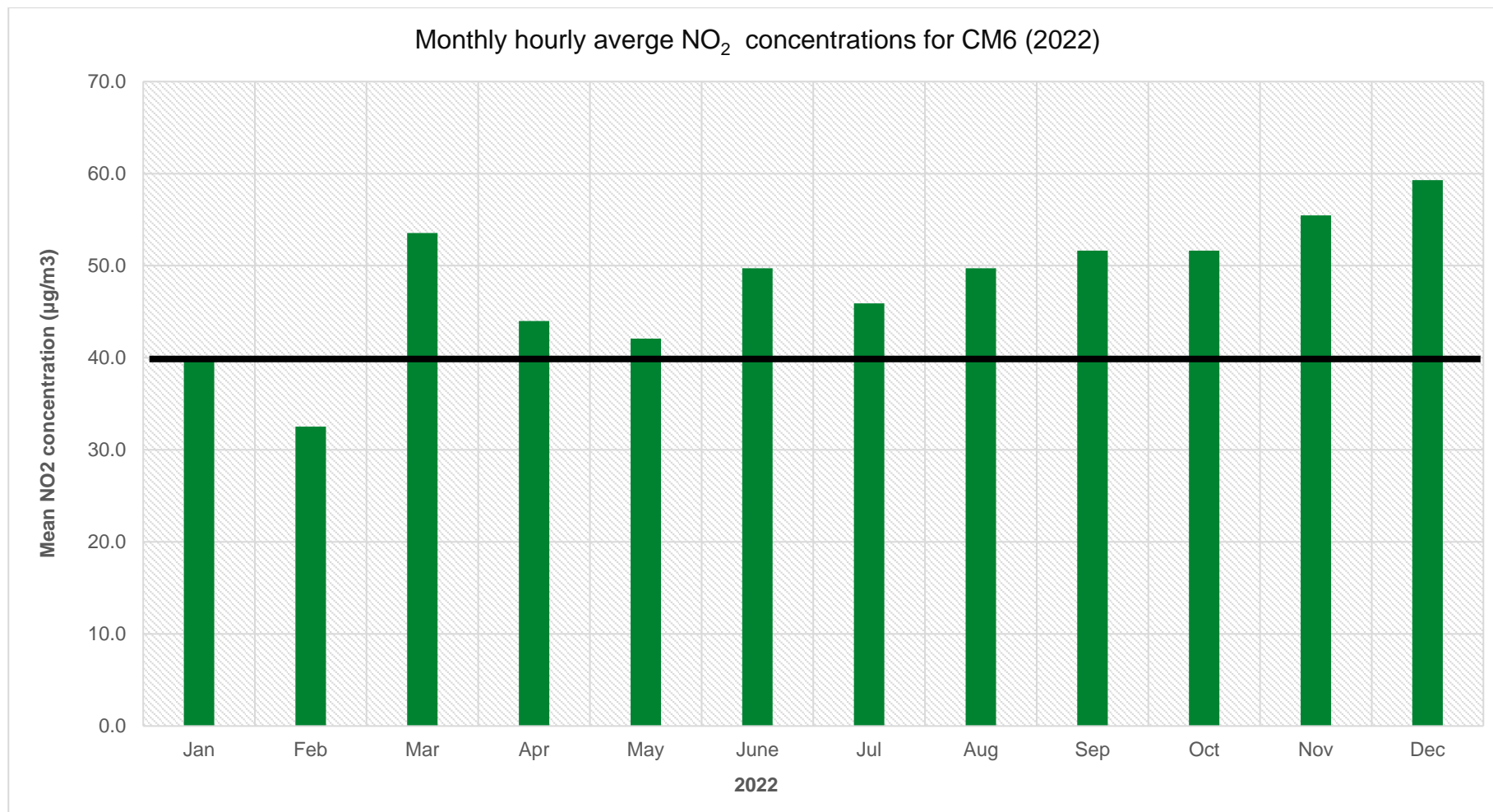
The black line represents the NAQO for the named pollutant.

**AQMA 3 – M1 corridor between Thorpe Astley and Leicester Forest East**



The black line represents the NAQO for the named pollutant.

CM6 – Lubbethorpe Road, Braunstone Town



**Table A.5 – 1-Hour Mean NO<sub>2</sub> Monitoring Results, Number of 1-Hour Means > 200µg/m<sup>3</sup>**

Site ID	X OS Grid Ref (Eastin g)	Y OS Grid Ref (Northin g)	Site Type	Valid Data Capture for Monitoring Period (%) <sup>(1)</sup>	Valid Data Capture 2022 (%) <sup>(2)</sup>	2018	2019	2020	2021	2022
CM1	454482	298573	Roadside	64.38	64.38	0	0	0	0	0
CM4	453492	303315	Roadside	81.46	81.46	1	0	0	0	0
CM5	453594	299549	Roadside	84.34	84.34	0	0	0	0	0
CM6	455722	300782	Roadside	91.97	91.97	-	-	0	0	0
CM7	453934	305999	Roadside	96.94	96.94	-	-	0	0	0

**Notes:**

Results are presented as the number of 1-hour periods where concentrations greater than 200µg/m<sup>3</sup> have been recorded.

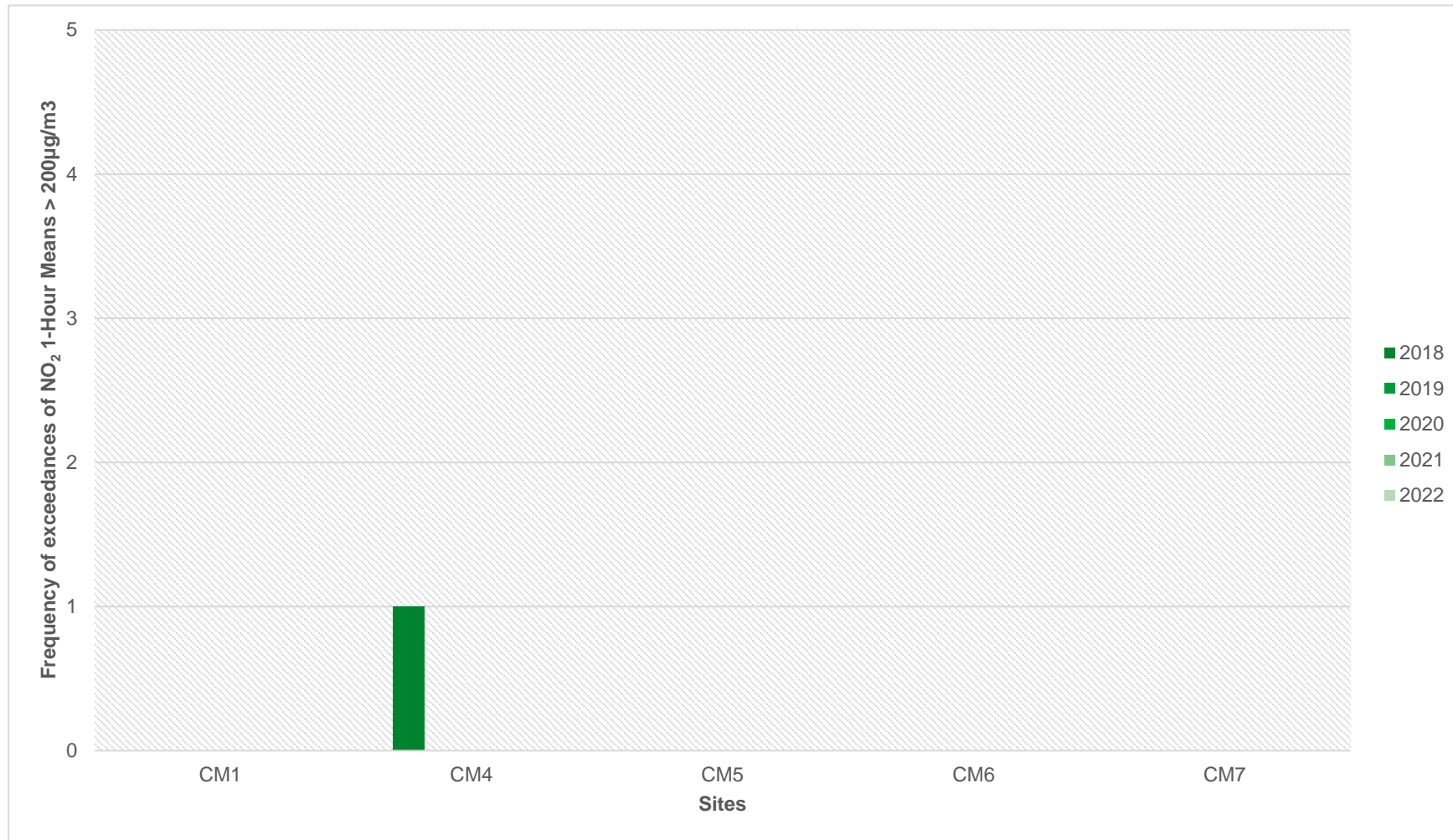
Exceedances of the NO<sub>2</sub> 1-hour mean objective (200µg/m<sup>3</sup> not to be exceeded more than 18 times/year) are shown in **bold**.

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%).

**Figure A.2 – Trends in Number of NO<sub>2</sub> 1-Hour Means > 200µg/m<sup>3</sup>**



**Table A.6 – Annual Mean PM<sub>10</sub> Monitoring Results (µg/m<sup>3</sup>)**

Site ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) <sup>(1)</sup>	Valid Data Capture 2022 (%) <sup>(2)</sup>	2018	2019	2020	2021	2022
CM1	454482	298573	Roadside	92.11	92.11	11	11.8	11.5	10.8	11.7

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

**Notes:**

The annual mean concentrations are presented as µg/m<sup>3</sup>.

Exceedances of the PM<sub>10</sub> annual mean objective of 40µg/m<sup>3</sup> are shown in **bold**.

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%).



## Appendix B: Full Monthly Diffusion Tube Results for 2022

Table B.1 – NO<sub>2</sub> 2022 Diffusion Tube Results (µg/m<sup>3</sup>)

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 <(x.x)>	Annual Mean: Distance Corrected to Nearest Exposure	Comment
1	455970	301146	42.7	30.5	45.1	28.4	19.3	25.9	-	28.4	29.5	33.4	33.5	40.3	32.5	24.7	-	
4	453606	299557	63.7	56.2	44.4	52.7	49.9	56.7	52.0	54.1	58.6	53.3	50.3	44.3	53.0	<b>40.3</b>	-	
15	457011	299627	26.8	18.4	35.0	22.4	17.1	18.4	18.6	21.3	21.9	23.3	22.8		22.4	17.0	-	
16	456786	298547	58.3	44.1	34.2	20.2	33.3	40.3	36.1	26.5	33.2	40.8	38.8	37.8	37.0	28.1	-	
18	453220	304273	46.3	39.3	35.7	26.0	27.1	29.6	27.1	27.5	32.5	36.3	38.8	17.1	31.9	24.3	-	
20	453488	303637	38.9	23.4	34.7	24.0	23.8	25.9	26.8	28.3	32.1	24.8	26.7	34.0	28.6	21.7	-	
25	455819	297954	43.0	30.3	30.2	27.1	23.1	21.5	21.5	27.2	28.5	32.4	29.3	32.6	28.9	22.0	-	
26	456470	301903	50.6	36.3	47.0	27.9	26.4	29.1	27.8	26.1	31.0	27.8	32.0	37.6	33.3	25.3	-	
31	455817	297937	32.7	18.0	27.2	18.8	15.2	17.4	15.9	19.2	22.2	18.8	22.3	28.5	21.4	16.2	-	
35	448481	293549	42.0	28.7	44.3	29.6	24.3	25.6	21.2	27.9	28.6	23.7			29.6	22.5	-	
40	448876	293447	34.9	25.2	33.8	-	20.8	22.6	21.1	27.7	27.5			20.5	26.0	19.8	-	
41	454554	294803	44.1	26.7	52.9	34.1	28.8	32.1	32.8	42.7	41.8	31.6	33.1	38.2	36.6	27.8	-	
43	456521	301896	35.8	26.0	40.3	31.0	26.5	27.1	25.5	31.9	31.9	27.0	26.7	22.6	29.4	22.3	-	
44	448847	293462	36.5	25.3	38.9	35.3	23.2	23.0	23.1	29.6		25.3	28.8	19.2	28.0	21.3	-	
48	453468	299737	36.9	34.2	30.7	26.2	28.4	32.5	28.0	27.6	31.6	31.4	34.2	33.9	31.3	23.8	-	
49	453439	299740	27.6	19.5	26.9	17.6	15.7	16.5	14.7	18.8	18.7	20.6	20.6	23.3	20.0	15.2	-	
51	453780	299360	29.3	20.4	29.2	17.3	19.5	22.6	17.5	17.3	19.8	27.0	25.9	26.4	22.7	17.2	-	

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 <(x.x)>	Annual Mean: Distance Corrected to Nearest Exposure	Comment
93	453813	306106	43.9	35.5	41.0	28.2	26.1	25.6	21.7	27.8	23.5	32.2	30.0	34.8	30.9	23.5	-	
94	454930	302529	-	23.4	34.7	-	17.7	-	19.2	24.7	24.4	22.3	27.0	29.7	24.8	18.8	-	
95	454178	302627	39.3	26.9	32.3	20.3	21.1	26.7	20.1	21.6	25.4	25.3	28.0	32.5	26.6	20.2	-	
96	462115	295374	47.4	41.5	44.7	27.0	32.9	41.4	34.3	34.7	38.7	45.4		42.9	39.2	29.8	-	
97	455695	300824	38.8	32.3	46.9	35.7	25.4	32.1	30.4	36.4	18.4	35.6	39.8	31.2	33.6	25.5	-	
98	453957	302912	34.5	27.1	29.8	18.3	18.6	21.8	20.1	20.8	20.2	23.6	25.6	21.5	23.5	17.9	-	
99	453219	303310	38.3	23.7	34.7	20.6	20.6	20.9	20.8	23.0	23.6	26.7	31.5	21.9	25.5	19.4	-	
100	453933	305973	30.0	16.7	18.7	15.5	10.2	10.3	10.3	14.1	18.4	14.9	16.3	26.2	16.8	12.8	-	
101	449094	294690	27.0	17.4	34.6	25.4	20.5	22.0	21.5	28.8	28.0	22.3	21.3	24.9	24.5	18.6	-	
102	453960	305928	34.0	20.9	31.3	22.9	20.1	22.0	18.9	25.0	27.5	23.0	27.3	31.7	25.4	19.3	-	
103	454109	305725	27.8	29.8	36.9	29.7	24.9	25.9	19.5	27.9	29.5	25.6	27.4	28.4	27.8	21.1	-	
104	454062	305692	32.8	21.6	30.7	-	-	-	16.9	18.3	21.2	25.1	27.8	32.7	25.2	19.2	-	
105	454065	305665	-	25.5	28.3	22.0	18.1	-	13.3	21.4	22.1	21.2	26.7	23.5	22.2	16.9	-	
106	453422	299556	23.5	15.0	22.2	13.7	8.3	11.1	9.8	14.4	14.7	13.3	11.6	19.2	14.7	11.2	-	
107	453422	299595	22.3	11.1	20.4	12.3	9.9	10.7	9.3	14.2	13.7	12.4	14.1	14.7	13.8	10.5	-	
108	452907	300156	31.7	16.0	35.5	23.0	17.8	20.2	20.7	27.1	28.5	23.8	24.9	29.9	24.9	18.9	-	
109	452916	300156	44.0	28.8	35.7	18.7	24.4	26.8	25.3	27.2	27.3	29.9	34.3	29.5	29.3	22.3	-	
110	452986	300097	38.2	30.7	42.5	28.3	23.0	29.0	27.1	28.8	31.3	25.6	38.4	39.2	31.8	24.2	-	
111	452992	300094	43.5	28.4	40.8	27.5	22.8	27.7	32.3	35.4	33.1	30.9	31.4	37.4	32.6	24.8	-	
112	453113	300009	49.5	46.5	56.6	40.0	44.4	48.7	45.5	49.6	48.6	50.4	46.9	54.7	48.5	36.8	-	
113	453292	299879	40.3	31.6	46.0	34.1	24.2	28.1	28.2	33.8	32.5	27.2	30.7	37.1	32.8	24.9	-	

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 <(x.x)>	Annual Mean: Distance Corrected to Nearest Exposure	Comment
114	453292	299876	52.7	46.6	52.1	43.4	37.5	40.6	39.0	47.9	46.0	37.4	41.9	42.3	44.0	33.4	-	
115	453432	299745	55.1	40.8	52.7	30.8	-	44.2	39.7	43.8	45.2	41.0	44.1	47.9	44.1	33.5	-	
116	453463	299731	59.2	36.8	38.3	27.7	29.3	33.4	33.8	31.8	37.2	34.9	33.8	34.4	35.9	27.3	-	
117	454122	305701	56.1	43.4	57.3	31.8	37.1	44.4	40.5	48.7	46.2	44.4	47.4	49.1	45.5	34.6	-	
118	453673	299475	77.5	56.6	76.3	65.8	52.7	52.9	53.6	61.9	54.9	44.1	36.0	47.2	56.6	<b>43.0</b>	22.5	House set back 22.4m from roadside where diffusion tube is located.
119	453850	299288	-	36.5	54.8	41.8	34.3	-	36.1	43.4			41.7	47.5	42.0	33.0	-	
120	453834	299303	36.1	-	35.6	24.2	17.9	24.0	19.4	24.4	28.0	26.4	27.6	27.3	26.4	20.1	-	
AT1	454173	297603	26.0	16.4	23.8	15.5	-	12.4	9.9	15.4	16.4	16.1	34.2	25.4	19.2	14.6	-	
AT2	454356	298548	25.7	17.8	23.2	19.0	0.7	-	12.1	17.7	17.3	9.4	19.2	24.2	16.9	12.9	-	
AT3	453939	298947	24.6	16.0	22.0	17.1	13.0	15.9	11.7	16.3		16.0	18.0	6.5	16.1	12.2	-	
AT4	452944	303000	20.4	11.8	35.6	13.1	9.1	9.3	8.7	13.4	13.6	12.9	16.4	14.9	14.9	11.3	-	
AT5	453982	303197	31.1	19.0	32.3	13.0	14.0	14.5	13.2	17.3	18.7	20.1	20.9	21.2	19.6	14.9	-	
AT6	453973	305842	24.4	16.4	16.5	14.1	12.7	14.6	12.7	16.0	18.4	16.3	21.6	25.9	17.5	13.3	-	
AT7	455214	302616	29.2	19.4	-	12.8	12.3	13.4	10.9	13.1	16.7	17.5	16.1	23.3	16.8	12.8	-	
AT8	455251	302600	33.4	21.8	27.2	13.5	10.4	13.3	10.6	14.8	17.1	17.9	21.8	32.1	19.5	14.8	-	
AT9	455827	301842	41.4	28.3	21.2	20.0	19.2	20.1	15.6	20.7	21.7	26.3	28.5	33.3	24.7	18.8	-	
AT10	453012	298723	32.2	25.7	18.4	14.1	14.0	16.1	13.9	14.8	14.9	21.5	26.4	28.5	20.0	15.2	-	
AT11	455311	301428	21.3	14.9	27.3	12.5	8.8	12.1	9.9	12.4	14.0	12.0	15.7	13.8	14.6	11.1	-	
AT12	455233	300417	25.8	31.7	21.6	24.3	28.6	29.6	27.2	28.8	32.4	28.3	33.4	35.9	29.0	22.0	-	
AT13	455035	300372	38.1	24.6	24.5	24.6	20.7	21.1	18.0	25.6	26.9	22.0	23.9	31.2	25.1	19.1	-	
AT14	455934	296288	29.5	19.7	-	13.0	12.0	13.2	11.0	12.9	15.3		18.0	20.7	16.5	12.6	-	

- All erroneous data has been removed from the NO<sub>2</sub> 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
- National bias adjustment factor used
- Where applicable, data has been distance corrected for relevant exposure in the final column.
- Blaby District Council confirm that all 2022 diffusion tube data has been uploaded to the Diffusion Tube Data Entry System.

**Notes:**

Exceedances of the NO<sub>2</sub> annual mean objective of 40µg/m<sup>3</sup> are shown in **bold**.

NO<sub>2</sub> annual means exceeding 60µg/m<sup>3</sup>, indicating a potential exceedance of the NO<sub>2</sub> 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**

Over 2022 monitoring increased in the areas of Enderby, Glenfield, and Stoney Stanton to inform concerns based on monitored levels in previous years.

Monitoring in Enderby increased both within and outside the AQMA to understand how concentrations vary across the area.

Additional diffusion tubes in Enderby (15) and Glenfield (4) were introduced as part of the CDTCA project and at the end of the project in March 2023, eight diffusion tubes in Enderby and four in Glenfield were removed. Three additional diffusion tubes were also introduced in Stoney Stanton.

A review of diffusion tubes is conducted annually and takes into consideration areas of local concern as well as factors which may influence levels, such as increases in traffic levels.

### **New or Changed Sources Identified Within Blaby District During 2022**

BDC has not identified any new sources relating to air quality within the reporting year of 2022. It is possible that there are greater volumes of vehicles on the roads, contributing to the small increases in measured NO<sub>2</sub> concentrations.

BDC remain dedicated to understanding the sources behind the exceedances recorded.

Background monitoring will continue in relation to developments which may have an impact on Air Quality across the district. Furthermore, the “Particulates Matter” Air Quality Grant Project will enable a greater insight into potential sources of PM<sub>2.5</sub>.

### **Additional Air Quality Works Undertaken by Blaby District Council During 2022**

BDC has not completed any additional major works within the reporting year of 2022 regarding the development of action plan measures or the declaration, amendment, or revocation of an AQMA. Diffusion tube monitoring increased in specific areas of the district to inform levels recorded in 2021. A number of these tubes have since been removed due to low monitored levels.

## QA/QC of Diffusion Tube Monitoring

During the 2022 monitoring year all diffusion tubes were changed in accordance with the 2022 DEFRA calendar ( $\pm 2$  days) and no tubes were exposed for prolonged periods outside of the guidance.

The supplier in 2022 was SOCOTEC for both provision and analysis of the diffusion tubes. Preparation was conducted with the use of acetone:triethanolamine (50:50) in water. SOCOTEC analyses the tubes in line with their UKAS schedule and complies with guidance set out by DEFRA.

In relation to the AIR PT intercomparison scheme, SOCOTEC currently hold the highest accreditation of 'Satisfactory Laboratory'. This is the first monitoring year in which BDC has used SOCOTEC as the supplier.

## Diffusion Tube Annualisation

Diffusion tubes with a data capture of less than 75% (but more than 25%) require annualisation to offer a more representative analysis of air quality for the particular site/s. This process was necessary for DT119 which had a data capture of 66%. This can be attributed to missing samplers across the monitoring year. Details on the process and calculations of annualisation can be found in Table C.1.

Annualisation was performed within the Diffusion Tube Data Processing Tool (DTDPT) following DEFRA guidance. The background stations utilised were:

- Coventry Allesley
- Coventry Binley Road
- Leicester A594 Roadside
- Leicester University

all of which had the requisite data capture in accordance with the guidance.

**Table C.1 – Annualisation Summary (concentrations presented in  $\mu\text{g}/\text{m}^3$ )**

Site ID	Annualisation Factor 1 Coventry Allesley	Annualisation Factor 2 Coventry Binley Road	Annualisation Factor 3 Leicester A594 Roadside	Annualisation Factor 4 Leicester University	Average Annualisation Factor	Raw Data Annual Mean	Annualised Annual Mean
DT119	1.0297	1.0211	1.0518	1.0338	1.0341	42.0	43.4
CM1	0.64	0.9791	1.2208	0.7833	0.9073	24.0	21.7

### Diffusion Tube Bias Adjustment Factors

The diffusion tube data presented within the 2022 ASR have been corrected for bias using an adjustment factor. Bias represents the overall tendency of the diffusion tubes to under or over-read relative to the reference chemiluminescence analyser. LAQM.TG22 provides guidance with regard to the application of a bias adjustment factor to correct diffusion tube monitoring. Triplicate co-location studies can be used to determine a local bias factor based on the comparison of diffusion tube results with data taken from  $\text{NO}_x/\text{NO}_2$  continuous analysers. Alternatively, the national database of diffusion tube co-location surveys provides bias factors for the relevant laboratory and preparation method.

Blaby District Council have applied a national bias adjustment factor of 0.76 to the 2022 monitoring data. A local bias correction factor of 1.42 was calculated utilising the triplicate set at CM6, through use of the DTDPT.

Following careful consideration of the guidance in TG22 (see below) and advice from the LAQM helpdesk, a decision was made to use the national bias adjustment factor, chosen from the 03/23 DEFRA National Diffusion Tube Bias Adjustment Factor Spreadsheet for SOCOTEC Didcot as the supplier.

Due to the uncertainty behind the elevated concentrations, it did not appear representative to apply the local factor to the network of monitoring across the district until further investigations have been conducted.

A summary of bias adjustment factors used by BDC over the past five years is presented in Table C.2.

With the consideration and regard of Box 7.13 of TG22, the following analysis has been conducted:

- Tube exposure time (one week, two weeks, one month) – **monthly changes**
- Length of the monitoring study – **calendar year**

- QA/QC of the chemiluminescence analyser – **serviced 6 monthly, calibrations fortnightly**
- QA/QC of diffusion tubes – **triplicate set results do have a degree of variation**
- Siting of the co-location study – **with the CMS**

**Cases where the combined bias adjustment factor may be more representative:**

- Where the survey consists of tubes exposed over a range of settings, which differ from the co-location site, e.g. the co-location site is in a very exposed setting and the tubes being assessed are on a building façade in a canyon-like street. **Tubes and co-location study are in the same setting.**
- Where the co-location study is for less than nine months in line with the Defra Calendar, although the diffusion tube monitoring is for a longer period. **Co-location study and diffusion tube monitoring are for the same period.**
- Where the automatic analyser has been operated using local, rather than national QA/QC procedures – **local QA/QC procedures used**
- Where data capture from the automatic analyser is less than 90%, or there have been problems with data quality – **data capture is above 90%**
- For co-location sites with “poor” precision or laboratories with predominately “poor” precision, as set out on the LAQM Support Helpdesk website – **precision is good**



**Table C.2 – Bias Adjustment Factor**

Monitoring Year	Local or National	If National, Version of National Spreadsheet	Adjustment Factor
2022	National	03/23	0.76
2021	National	03/22	0.77
2020	National	03/21	0.77
2019	National	09/20	0.78
2018	National	06/19	0.95

**Table C.3 – Local Bias Adjustment Calculation**

	Local Bias Adjustment Input 1	Local Bias Adjustment Input 2	Local Bias Adjustment Input 3	Local Bias Adjustment Input 4	Local Bias Adjustment Input 5
Periods used to calculate bias	12				
Bias Factor A	1.43 (1.24 - 1.7)				
Bias Factor B	-30% (-41% - -19%)				
Diffusion Tube Mean ( $\mu\text{g}/\text{m}^3$ )	33.8				
Mean CV (Precision)	4.5%				
Automatic Mean ( $\mu\text{g}/\text{m}^3$ )	48.4				
Data Capture	98%				
Adjusted Tube Mean ( $\mu\text{g}/\text{m}^3$ )	48 (42 - 57)				

**Notes:**

A single local bias adjustment factor has been calculated however a national bias adjustment factor has been applied to the 2022 diffusion tube results.

**NO<sub>2</sub> Fall-off with Distance from the Road**

Wherever possible, monitoring locations are representative of exposure. However, where this is not possible, the NO<sub>2</sub> concentration at the nearest location relevant for exposure has been estimated using the Diffusion Tube Data Processing Tool/NO<sub>2</sub> fall-off with distance calculator available on the LAQM Support website. Where appropriate, non-automatic annual mean NO<sub>2</sub> concentrations corrected for distance are presented in Table B.1.

Distance correction should be considered at any monitoring site where the annual mean concentration is greater than  $36\mu\text{g}/\text{m}^3$  and the monitoring site is not located at a point of relevant exposure. This was necessary for DT118 located in AQMA6, which recorded a concentration of  $43\mu\text{g}/\text{m}^3$ . However, this DT is located close to the roadside and the nearest receptor is set back from the main road and distance correction was necessary to report a more representative concentration at point of exposure.

DT112 is also included in the table below, however this monitoring site was chosen to understand the relative contributions of the B582 and M69 motorways.

There are no relevant receptors and therefore the NAQO is not directly applicable.

Details of the calculation for distance are presented below in Table C.4.

**Table C.4 – NO<sub>2</sub> Fall off With Distance Calculations (concentrations presented in  $\mu\text{g}/\text{m}^3$ )**

Site ID	Distance (m): Monitoring Site to Kerb	Distance (m): Receptor to Kerb	Monitored Concentration (Annualised and Bias Adjusted)	Background Concentration	Concentration Predicted at Receptor	Comments
112	0.2	295.2	36.8	-	-	There are no nearby receptors. Monitoring site chosen to understand the relative contributions of the B582 and M69.
118	0.5	22.9	43.0	12.7	22.5	DT is located close to the roadside and the nearest receptor (residential property) is set back from the main road.

### QA/QC of Automatic Monitoring

Local Site Operator (LSO) duties are carried out fortnightly for automatic monitoring sites by members of the Environmental Services Team.

Data validation and ratification is conducted fortnightly by the same LSO's allowing for screening erroneous readings. Monitoring station data and performance is checked daily through a back-office system.

Data is ratified as per the Automatic and Urban Rural Network (AURN) recommended procedures. During calibrations, a zero reading is taken from the equipment using either a gas of known concentration, or by the use of scrubbers.

Span gas of a known concentration is then applied to the system to ensure consistency in measured pollutant concentrations. The zero and span readings are then used to adjust any offset of the baseline of the data through application of a correction factor.

A linear two-point regression is then applied to the data linking the calibrations and adjusting any analyser offset.

Data is available to view through the [Air Quality - Monitoring in Blaby District | Tableau Public](#) webpage.

### **PM<sub>10</sub> and PM<sub>2.5</sub> Monitoring Adjustment**

CM1 directly monitors PM<sub>10</sub> and a factor of 1.3 has been applied to the data to give gravimetric equivalent levels.

CM5 provides direct monitoring of PM<sub>2.5</sub> concentrations. Concentrations can also be derived from CM1 PM<sub>10</sub> data using the latest DEFRA correction factors. A national correction factor has been used as there are no sites which measure both PM<sub>10</sub> and PM<sub>2.5</sub>. A breakdown of the calculation is presented below.

Step 1:

- PM<sub>10</sub> monitored concentration = 11.7 µg/m<sup>3</sup>
- Nationally derived factor (roadside) = 6.4 µg/m<sup>3</sup>

Step 2:

- $11.7 - 6.4 = 5.3$  µg/m<sup>3</sup> estimated annual mean of PM<sub>2.5</sub>

### **Automatic Monitoring Annualisation**

Where less than 75% (but > 25%) of the data set is available, the continuous monitoring station data has been annualised as per Technical Guidance LAQM.TG (22). This procedure was necessary for CM1, due to a data capture of 64%. The following background stations were used:

- Coventry Allesley
- Coventry Binley Road
- Leicester A594 Roadside
- Leicester University

Guidance from TG22 was utilised for assistance in correctly annualising CM1, following additional advice from the DEFRA LAQM helpdesk. Details and a summary of the annulisation can be found in Table C.1.

### **NO<sub>2</sub> Fall-off with Distance from the Road**

Wherever possible, monitoring locations are representative of exposure. However, where this is not possible, the NO<sub>2</sub> concentration at the nearest location relevant for exposure has been estimated using the NO<sub>2</sub> fall-off with distance calculator available on the LAQM Support website. Where appropriate, non-automatic annual mean NO<sub>2</sub> concentrations corrected for distance are presented in Table B.1.

No automatic NO<sub>2</sub> monitoring locations within BDC required distance correction during 2022.

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

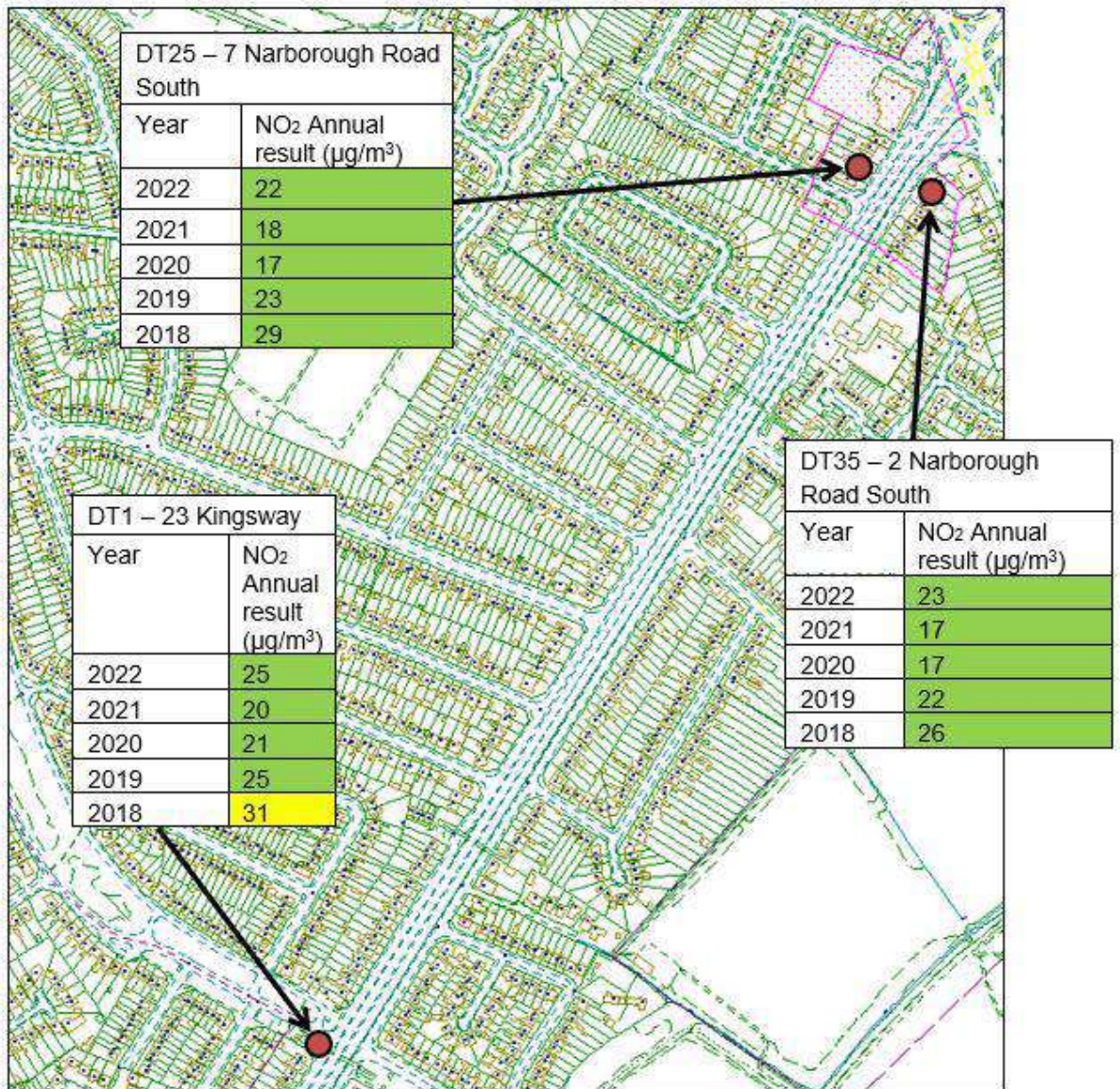
An assessment of 2022 results in the context of past data has been carried out for the following areas:

- [Figure 1 - AQMA 1 A5460 Narborough Road South](#)
- [Figure 2 - AQMA 2 M1 corridor in Enderby and Narborough](#)
- [Figure 3 - AQMA 3 M1 corridor between Thorpe Astley and Leicester Forest East](#)
- [Figure 4 - AQMA 4b Enderby Road, Whetstone](#)
- [Figure 5 - AQMA 6 Mill Hill, Enderby](#)
- [Figure 6 - Enderby \(out of AQMA\)](#)
- [Figure 7 - Lubbesthorpe Road, Braunstone Town](#)
- [Figure 8 - Sharnford Hill, Sharnford](#)
- [Figure 9 - Glenfield Village](#)
- [Figure 10 - New Bridge Road and Windsor Avenue, Glen Parva](#)
- [Figure 11 - Stoney Stanton Village](#)
- [Figure 12 - Sapcote Village](#)
- [Figure 13 - Elmesthorpe Railway Bridge](#)
- [Figure 14 - Thorpe Astley](#)
- [Figure 15 - Desford Road, Kirby Muxloe](#)
- [Figure 16 - Aston Firs, near Sapcote](#)
- [Figure 17 - Main Street, Kilby](#)
- [Figure 18 - Active Travel Tubes](#) in Narborough, Enderby, Braunstone Town, Glenfield, Leicester Forest East, Thorpe Astley, and Whetstone

Maps showing the monitoring locations and corresponding average annual nitrogen dioxide concentrations ( $\mu\text{g}/\text{m}^3$ ) are shown in Figures 1 to 17.

Active Travel Tubes are presented separately below.

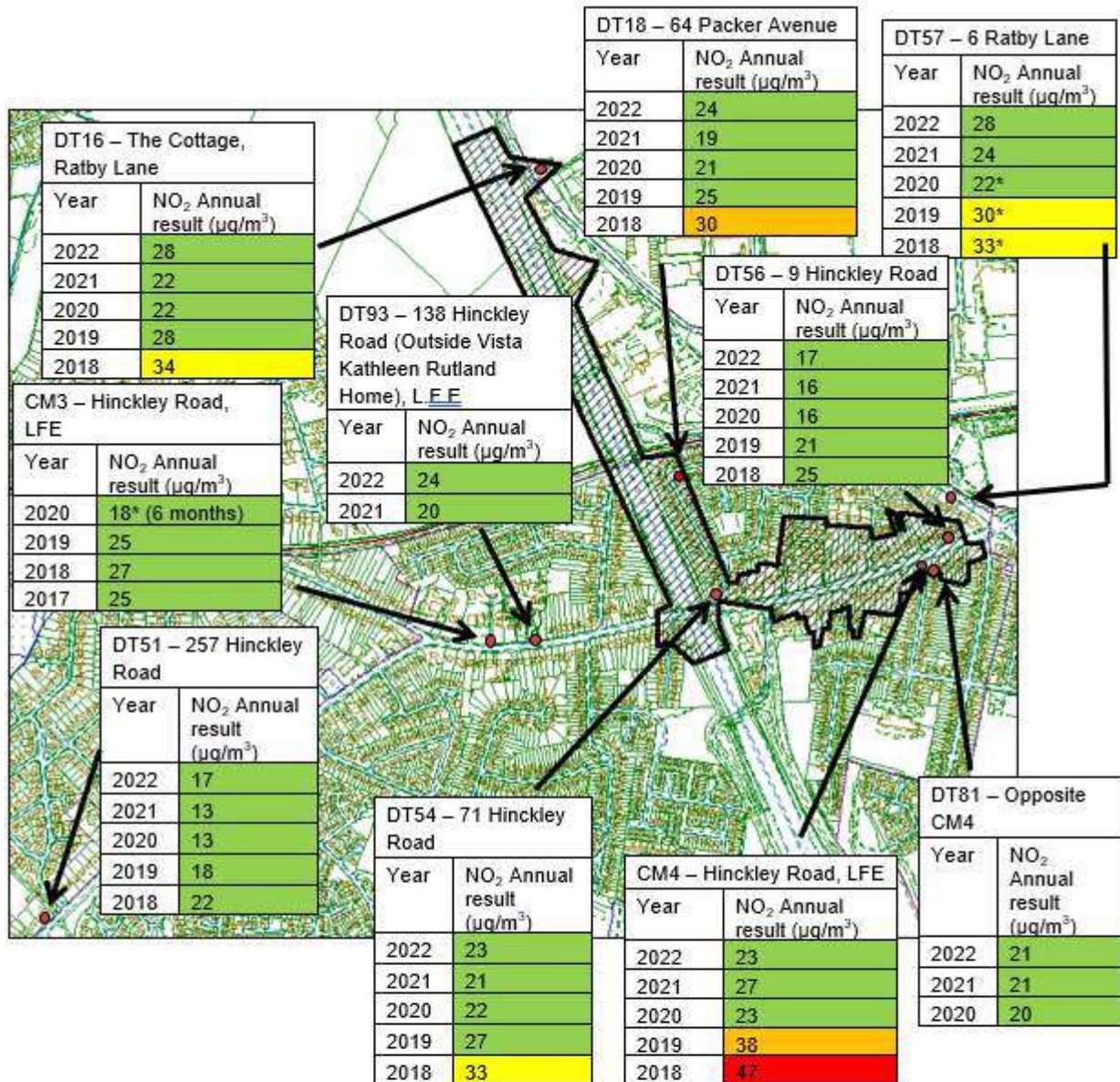
## AQMA 1 – A5460 Narborough Road South



**Figure 1:** Map showing the locations and results of diffusion tubes in AQMA 1, including Narborough Road South and parts of Braunstone Town. AQMA boundary represented by pink outline. Results have been rounded to nearest whole number. 40 µg/m<sup>3</sup> is the national air quality objective for this pollutant. © Crown copyright. All rights reserved.

NO<sub>2</sub> concentrations in the area have shown small increases from 2021. All sites within and outside the AQMA are below the national objective. AQMA1 will be revoked due to ongoing compliance.

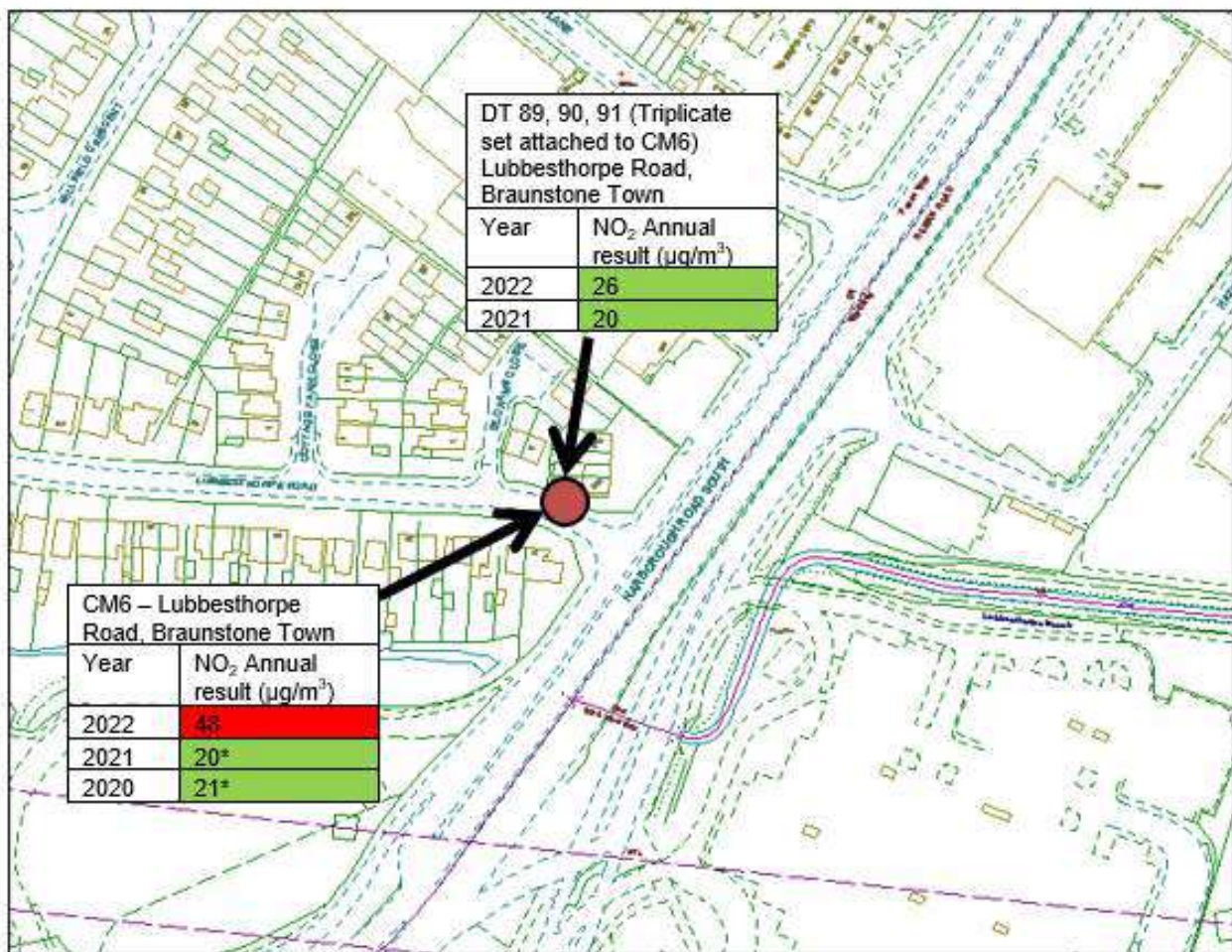
## AQMA 3 – M1 corridor between Thorpe Astley and Leicester Forest East



**Figure 3:** Map showing the locations and results of diffusion tubes and continuous monitoring stations in AQMA 3, along a corridor of the M1 between Thorpe Astley and Leicester Forest East. AQMA boundary represented by black outline. Results have been rounded to nearest whole number. \* represents a result that has been annualised and/or distance corrected. 40 µg/m<sup>3</sup> is the air quality objective for this pollutant. © Crown copyright. All rights reserved.

NO<sub>2</sub> concentrations remain consistent within the NAQO. Increases are noted in the southern extent of the AQMA, particularly at DT16 and DT57, both of which are at roadside of busy routes. All concentrations are below the national air quality objective for the pollutant showing small changes from 2021.

## Lubbesthorpe Road, Braunstone Town



**Figure 7:** Map showing the location of a continuous monitoring station and triplicate set of diffusion tubes in Braunstone Town. Fosse Park is visible to the south. Results have been rounded to nearest whole number and annualised. 40 µg/m<sup>3</sup> is the national air quality objective for this pollutant. © Crown copyright. All rights reserved.

This image represents the monitoring station (CM6) and accompanying triplicate set of diffusion tubes. Concentrations of NO<sub>2</sub> at CM6 have shown an increase in comparison to 2021, however without the requirement for annualisation. This exceedance will be investigated further and an AQMA will be declared. The triplicate set has also shown a small increase in concentrations however has not exceeded the national objective. Data was used from the triplicate set to calculate a local bias correction factor and is detailed further in the QA/QC section.



## Thorpe Astley

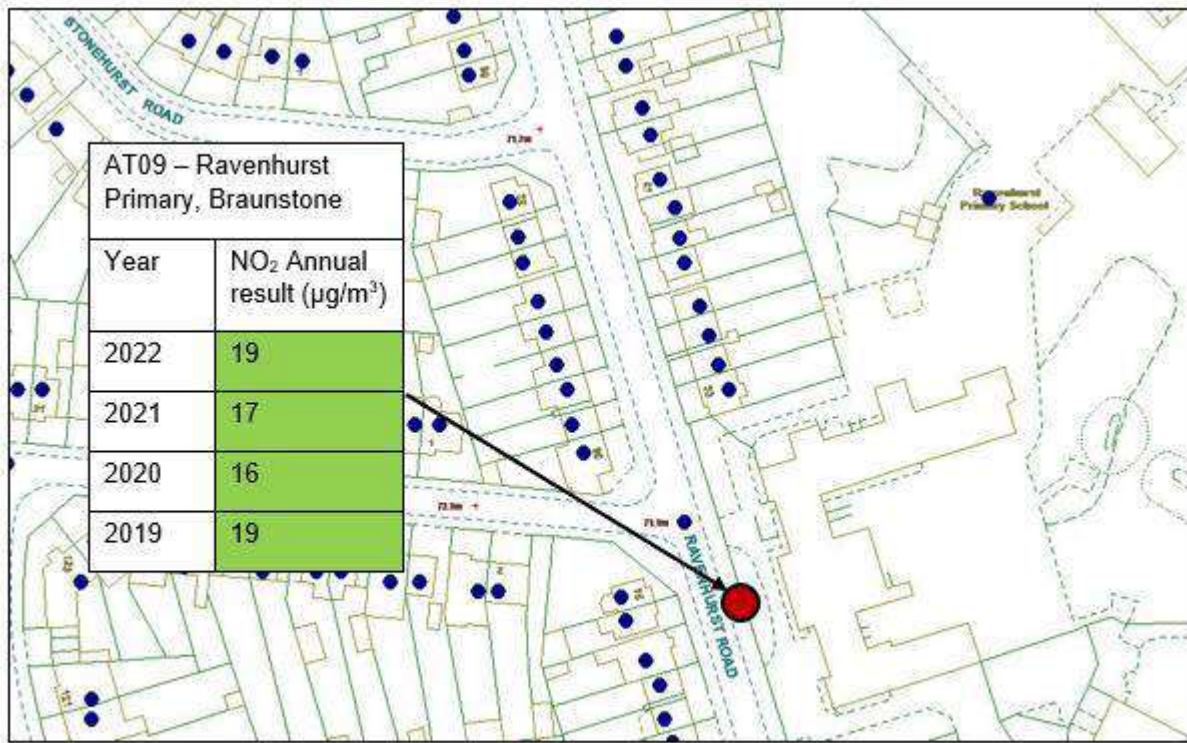


DT99- 5 Murby Way, Thorpe Astley	
Year	NO <sub>2</sub> Annual result (µg/m <sup>3</sup> )
2022	19
2021	18

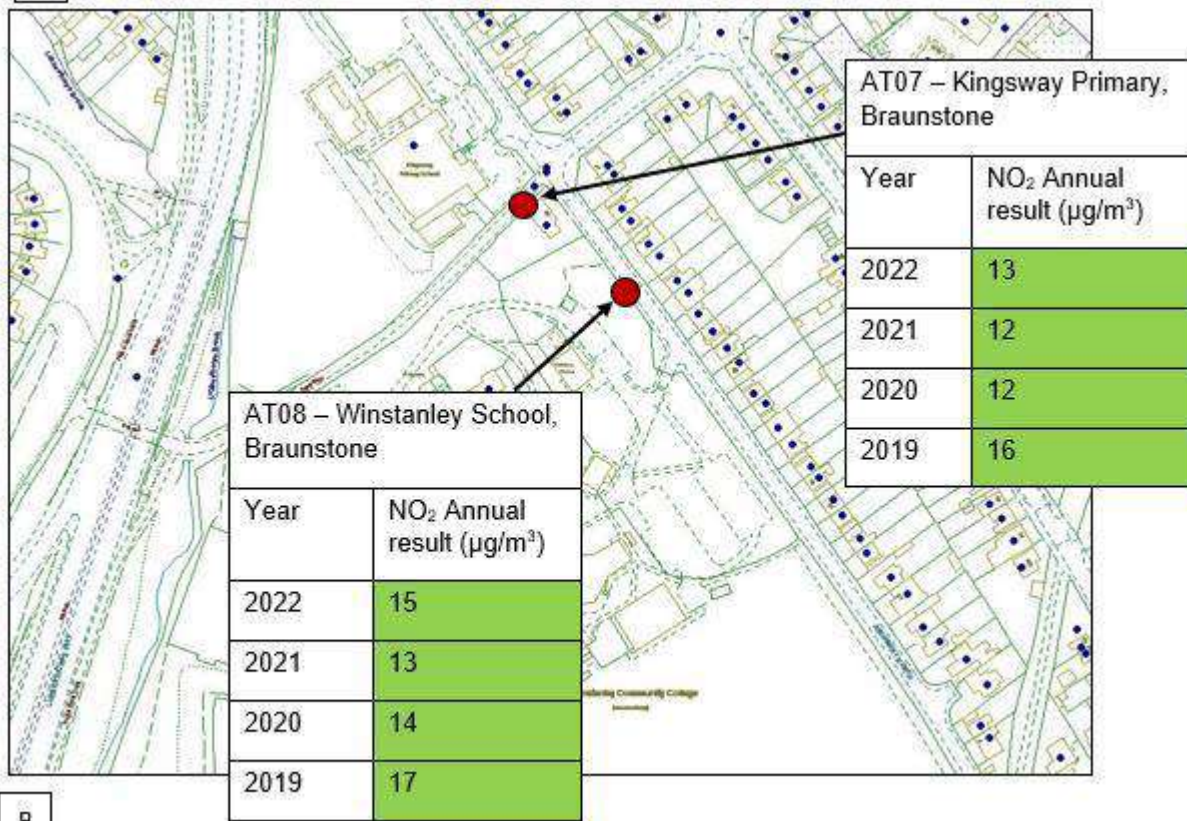
**Figures 14:** Maps showing the locations and results of diffusion tubes in Thorpe Astley. Results have been rounded to nearest whole number. 40 µg/m<sup>3</sup> is the national air quality objective for this pollutant. © Crown copyright. All rights reserved.

All monitoring points in Thorpe Astley report low NO<sub>2</sub> concentrations below national air quality objectives. Monitoring was also reduced within this area due to the low consistent levels, with monitoring remaining at DT99.

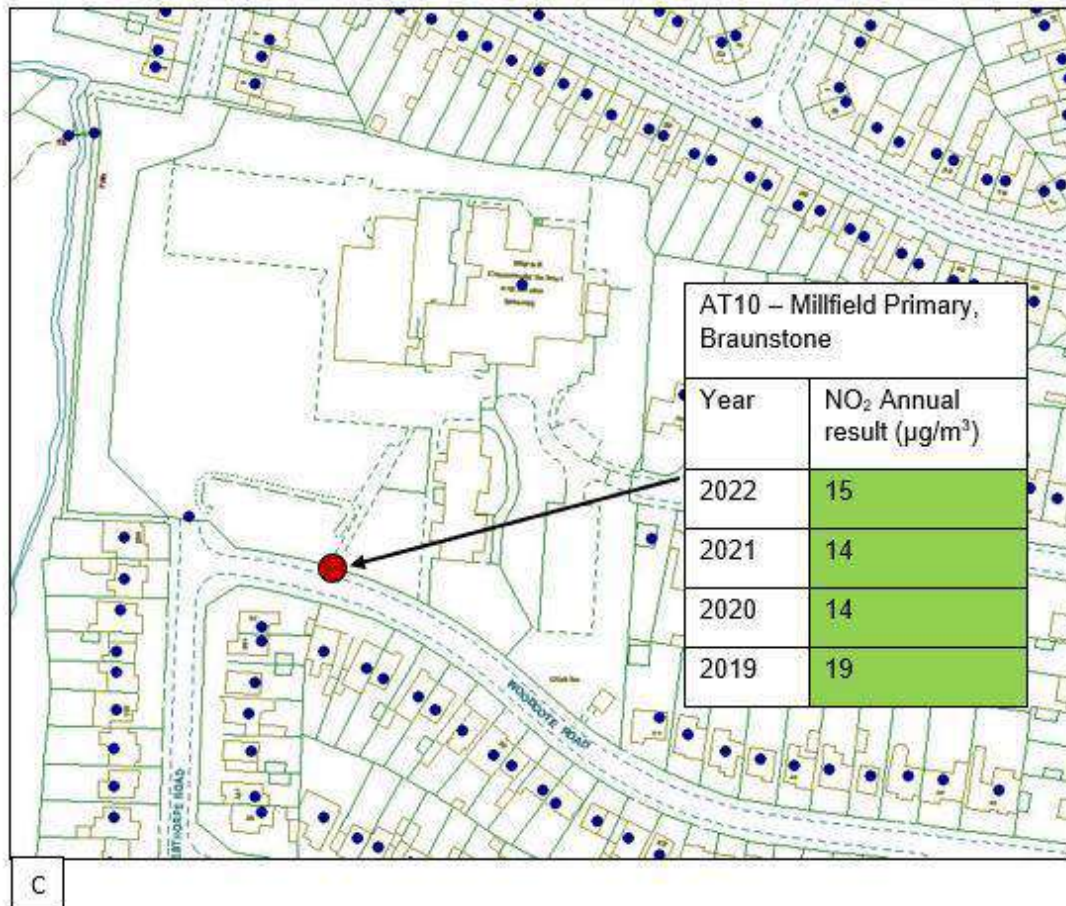
Braunstone Town:



A



B



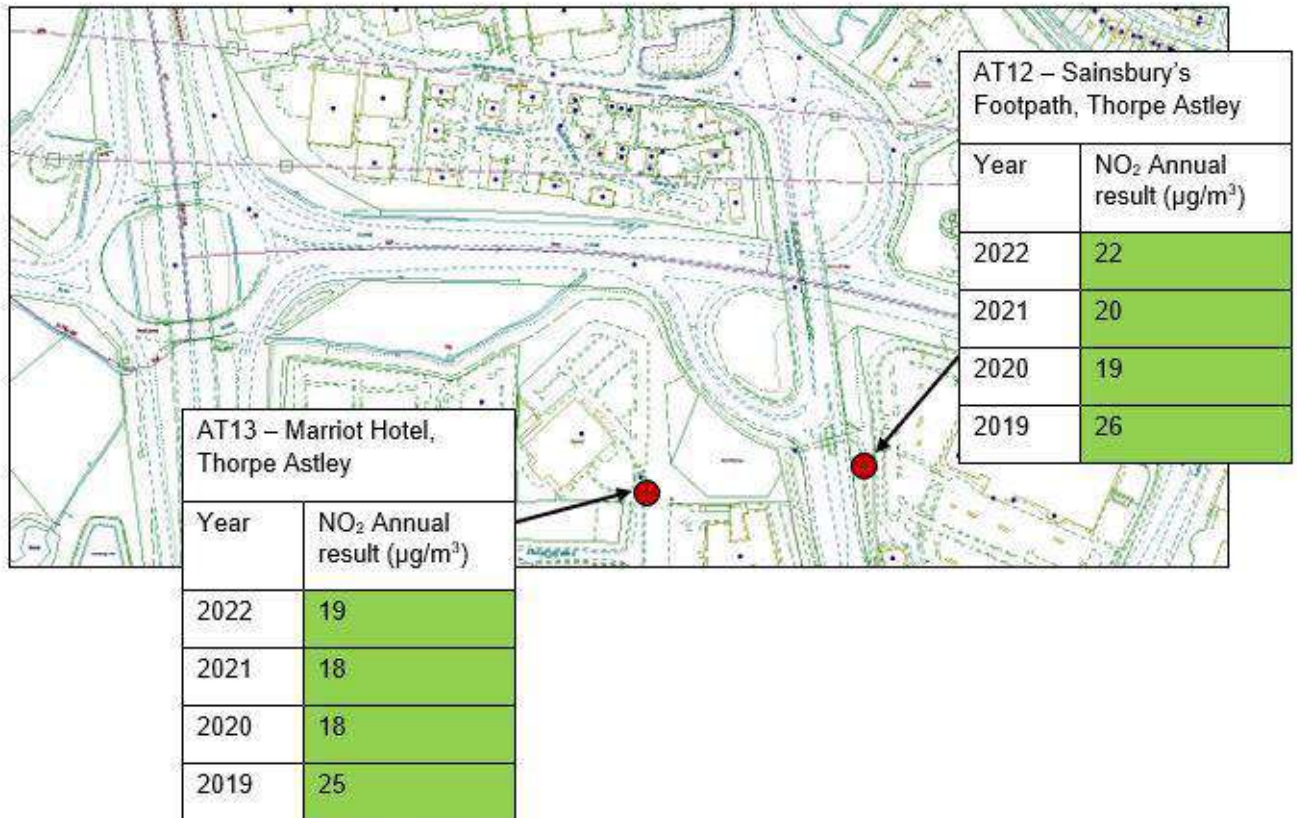
**Figure 3a, b and c:** Maps showing the locations and results of active travel (AT) diffusion tubes in Braunstone Town, including nearby primary and secondary schools. Results have been rounded to nearest whole number. 40 µg/m<sup>3</sup> is the national air quality objective for this pollutant. © Crown copyright. All rights reserved.

**Leicester Forest East:**



**Figure 5:** Map showing the locations and results of active travel (AT) diffusion tubes in Leicester Forest East, including nearby primary schools. Results have been rounded to nearest whole number. 40 µg/m<sup>3</sup> is the national air quality objective for this pollutant. © Crown copyright. All rights reserved.

**Thorpe Astley:**



**Figure 6:** Map showing the locations and results of active travel (AT) diffusion tubes in Thorpe Astley, including a hotel and a footpath used by local workers. Results have been rounded to nearest whole number. 40 µg/m<sup>3</sup> is the national air quality objective for this pollutant. © Crown copyright. All rights reserved.

## Appendix E: Summary of Air Quality Objectives in England

**Table E.1 – Air Quality Objectives in England<sup>7</sup>**

Pollutant	Air Quality Objective: Concentration	Air Quality Objective: Measured as
Nitrogen Dioxide (NO <sub>2</sub> )	200µg/m <sup>3</sup> not to be exceeded more than 18 times a year	1-hour mean
Nitrogen Dioxide (NO <sub>2</sub> )	40µg/m <sup>3</sup>	Annual mean
Particulate Matter (PM <sub>10</sub> )	50µg/m <sup>3</sup> , not to be exceeded more than 35 times a year	24-hour mean
Particulate Matter (PM <sub>10</sub> )	40µg/m <sup>3</sup>	Annual mean
Sulphur Dioxide (SO <sub>2</sub> )	350µg/m <sup>3</sup> , not to be exceeded more than 24 times a year	1-hour mean
Sulphur Dioxide (SO <sub>2</sub> )	125µg/m <sup>3</sup> , not to be exceeded more than 3 times a year	24-hour mean
Sulphur Dioxide (SO <sub>2</sub> )	266µg/m <sup>3</sup> , not to be exceeded more than 35 times a year	15-minute mean

<sup>7</sup> The units are in microgrammes of pollutant per cubic metre of air (µg/m<sup>3</sup>).

## Glossary of Terms

Abbreviation	Description
AQAP	Air Quality Action Plan - A detailed description of measures, outcomes, achievement dates and implementation methods, showing how the local authority 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
ASR	Annual Status Report
AURN	Automatic Urban and Rural Network
BDC	Blaby District Council
CDTCA	Count Down To Clean Air
Defra	Department for Environment, Food and Rural Affairs
DMRB	Design Manual for Roads and Bridges – Air quality screening tool produced by National Highways
DT	Diffusion Tube
DTDPT	Diffusion Tube Data Processing Tool
EU	European Union
FDMS	Filter Dynamics Measurement System
LAQM	Local Air Quality Management
LSO	Local Site Operator
NAQO	National Air Quality Objective
NO <sub>2</sub>	Nitrogen Dioxide
NO <sub>x</sub>	Nitrogen Oxides
PM	Particulate Matter
PM <sub>10</sub>	Airborne particulate matter with an aerodynamic diameter of 10µm or less
PM <sub>2.5</sub>	Airborne particulate matter with an aerodynamic diameter of 2.5µm or less
QA/QC	Quality Assurance and Quality Control
SO <sub>2</sub>	Sulphur Dioxide

## References

- Local Air Quality Management Technical Guidance LAQM.TG22. August 2022.  
Published by Defra in partnership with the Scottish Government, Welsh Assembly Government and Department of the Environment Northern Ireland.
- Local Air Quality Management Policy Guidance LAQM.PG22. August 2022.  
Published by Defra in partnership with the Scottish Government, Welsh Assembly Government and Department of the Environment Northern Ireland.



**BRAUNSTONE TOWN COUNCIL**

**PLANNING & ENVIRONMENT COMMITTEE – 16<sup>th</sup> FEBRUARY 2023**

**Item 11 - Air Quality Monitoring Annual Status Report 2022**

Purpose

To receive the response from Blaby District Council to the queries raised by the Committee in respect of the Air Quality Monitoring Annual Status Report 2022.

Background

On 27<sup>th</sup> October 2022, the Committee received a copy of the Blaby District Air Quality Monitoring Annual Status Report 2022 for consideration.

The Committee resolved “that the following points and questions be submitted to Blaby District Council for a response:

- a) Under Actions to Improve Air Quality (page vi); there was a bulleted list of objectives;
  - i. what actions had been taken?
  - ii. was there a copy of the Communications Plan?
  - iii. could further communication be developed concerning sustainable transport routes to and from Fosse Park?
  - iv. which Schools did Blaby District Council work with on the Citizens’ Science Project? Were there any in Braunstone Town?
  - v. there was a significant amount of parking around Lubbesthorpe School already; was there a plan to address this?
  - vi. how could the short film around behavioural change be accessed?
- b) How does the colour coding of the NO<sub>2</sub> levels get determined and how do these compare to those recommended by the World Health Organisation?
- c) The Withers Way access to Lubbesthorpe Way often backs up with traffic as early as 3 – 4pm on a weekday, this road was adjacent to housing. Could a monitor be located in this area?
- d) How does the Council collect particulate matter and from which set of monitors?
- e) The description of AQMA3 included Thorpe Astley but the area was around the A47 in Leicester Forest East and M1 in Kirby Muxloe.
- f) There was often black dirt on windows in Thorpe Astley. Where did it come from? The Council would be interested to know if there were any organisations, e.g. Universities, undertaking air quality/pollution studies which could take a sample and analyse it in a laboratory?”

(Minute 33).

The Reasons for the Committee’s decision were:

- a) To understand and support local engagement with the community, organisations and schools to improve air quality and encourage sustainable travel.
- b) To understand and seek reassurance that the colour coding used related to scientific evidence of safe and unsafe levels of NO<sub>2</sub>.
- c) To ascertain whether there was an adverse impact on the level of air quality in the adjacent residential dwellings.

- d) The report included data but it was unclear from which locations the data had been collected.
- e) The description of Thorpe Astley didn't appear to be accurate.
- f) To understand the source of the black dirt, whether or not it was safe and to assist with greater scientific understanding of the source and impact of air pollution.

### Blaby District Council Response

The following response was received from Blaby District Council:

**a) Under Actions to Improve Air Quality (page vi); there was a bulleted list of objectives; (see attached at Appendix 1).**

**i. what actions had been taken?**

*ANSWER:*

- Behavioural change work with schools and businesses – we had successful engagement with several schools e.g. presentations to classes, however engagement with businesses proved challenging
- Production of a computer Micro Simulation Model for Enderby – this was found not to be needed
- Production of comprehensive air quality data through ongoing monitoring during the project – we supplemented our routine network of diffusion tubes with a further 20 locations to improve our understanding of Nitrogen Dioxide levels at those locations, and measure the possible impacts of actions
- A communications plan developed and delivered to share timely messages about poor air quality, raise awareness about its causes and impacts, and alternative cleaner and more sustainable travel options – this was the basis for our work with schools (sessions, presentations, information provided, etc.)
- A Short film produced and available online to celebrate achievements from the project, educate and raise awareness in the wider community and encourage uptake from other schools, businesses, and organisations in future air quality initiatives – this has not yet been produced but may be produced in early 2023
- Citizen Science Project – work started on this part of the project but due to Covid and a lack of engagement it was not possible to deliver all elements.

**ii. was there a copy of the Communications Plan?**

*ANSWER:* Not as a published document, but as an internal resource to support our work

**iii. could further communication be developed concerning sustainable transport routes to and from Fosse Park?**

*ANSWER:* As a Council we already work with Fosse Park and other partners on sustainable transport matters. There is always potential for future work as part of our Air Quality Grant projects.

**iv. which Schools did Blaby District Council work with on the Citizens' Science Project? Were there any in Braunstone Town?**

*ANSWER:* the Countdown to Clean Air project focussed on Enderby and Glenfield, although we have worked with schools in Braunstone Town in the past.

**v. there was a significant amount of parking around Lubbethorpe School already; was there a plan to address this?**

*ANSWER:* This school was not part of the Countdown To Clean Air project, but I am prepared to refer the issue to our planning enforcement team to check for compliance with any relevant planning conditions. In addition, I could refer it to our colleagues at Leicestershire County Council who are responsible for on-street parking enforcement. Please let me know if you would like me to do this.

**vi. how could the short film around behavioural change be accessed?**

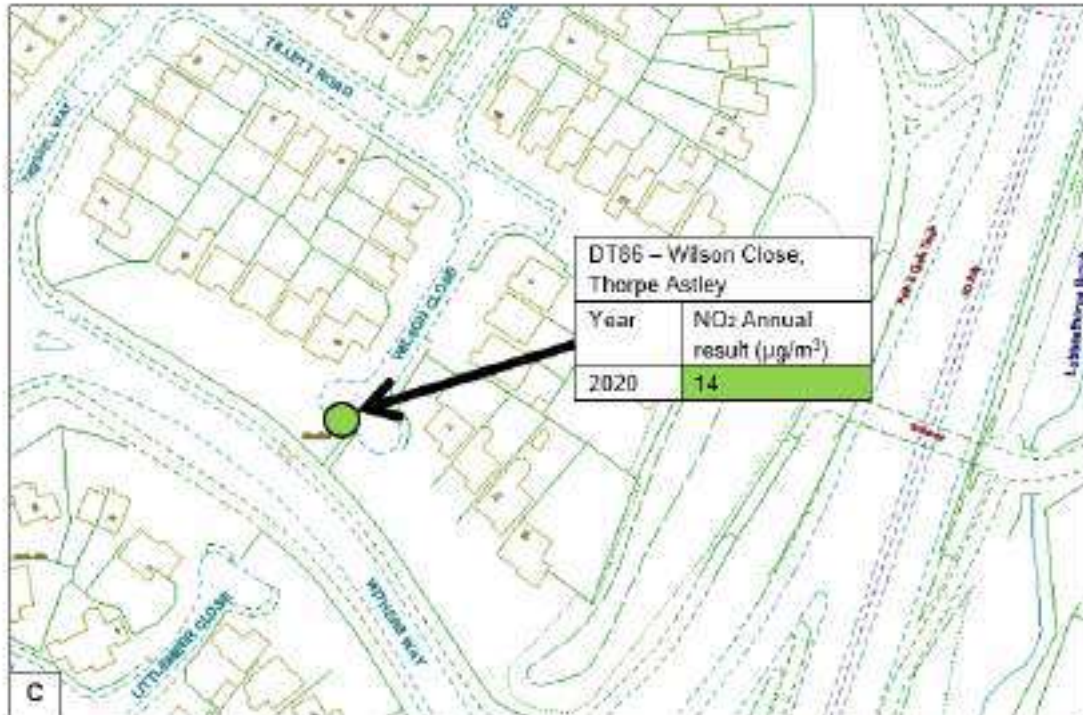
*ANSWER:* if the film is produced, it will be available on the Councils website.

**b) How does the colour coding of the NO<sub>2</sub> levels get determined and how do these compare to those recommended by the World Health Organisation?**

*ANSWER:* The colour coding on the maps in the ASR relate to the Nitrogen Dioxide levels, and were chosen for visual impact. They are not intended to relate to the WHO recommendations.

**c) The Withers Way access to Lubbethorpe Way often backs up with traffic as early as 3 – 4pm on a weekday, this road was adjacent to housing. Could a monitor be located in this area?**

*ANSWER:* We had a Diffusion Tube (DT 86) located at the end of Wilson Close, next to Withers Way in 2020. The annual average for that tube was 14 (as shown in the 2021 ASR), and so we decided not to continue monitoring in that location. There has been an increase in traffic (and Nitrogen Dioxide) generally since 2020 (and the Covid related lockdowns that year). However, even allowing for this increase, the level is highly unlikely to be problematic. The houses alongside Withers Way are further from the road than the location of DT86, so levels there would be lower. I have included the image from the 2021 ASR to help:



Figures 15A, B and C: Maps showing the locations and results of diffusion tubes in Thorpe Astley. Results have been rounded to nearest whole number. 40 µg/m<sup>3</sup> is the air quality objective for this pollutant. © Crown copyright. All rights reserved.

- d) **How does the Council collect particulate matter and from which set of monitors?**

*ANSWER:* 2 of our monitoring stations, Blaby 1 and Blaby 2, measure Particulate Matter. In addition we have 2 AQYs in Enderby and a number of Zephyrs. One Zephyr is currently located on Narborough Road South, with 2 more being deployed there shortly.

- e) **The description of AQMA3 included Thorpe Astley but the area was around the A47 in Leicester Forest East and M1 in Kirby Muxloe.**

*ANSWER:* The name of AQMA3 is from it was declared in 2000 as a section of the M1 Corridor, rather than listing the areas that lie within it. Please find attached the relevant AQMA Order for your information (attached at Appendix 2).

- f) **There was often black dirt on windows in Thorpe Astley. Where did it come from? The Council would be interested to know if there were any organisations, e.g. Universities, undertaking air quality/pollution studies which could take a sample and analyse it in a laboratory?**

*ANSWER:* Unfortunately I am not aware of any organisations that could assist. However, if you were able to provide more specific locations, we can see whether we can give advice.

### Action Requested

Consider the response from Blaby District Council to the queries raised by the Committee in respect of the Air Quality Monitoring Annual Status Report 2022; and determine what further action the Committee wishes to take (if any).

conducted within proximity to understand background levels. A summary of the development sites are as follows:

- Lubbethorpe Development - sustainable urban extension to the west of the M1 consisting of 4,250 homes and associated facilities (continuing development)
- Hinckley National Rail Freight Interchange Development (potential development)
- Extension to Croft Quarry (planning permission approved by Leicestershire County Council).
- HMP Fosse Way Prison, Glen Parva (under construction)
- Land north of A47 Hinckley Road, Kirby Muxloe – proposal for 885 dwellings (planning application pending consideration).

## Actions to Improve Air Quality

Whilst air quality has improved significantly in recent decades and will continue to improve due to national policy decisions, there are some areas where local action is needed to improve air quality further.

The 2019 Clean Air Strategy<sup>5</sup> sets out the case for action, with goals to reduce exposure to harmful pollutants. The Road to Zero<sup>6</sup> sets out the approach to reduce exhaust emissions from road transport through a number of mechanisms; this is extremely important given that the majority of Air Quality Management Areas (AQMAs) are designated due to elevated concentrations heavily influenced by transport emissions.

A significant project to encourage active travel and car use reduction, targeting schools and then local businesses within and around the District's AQMA's is being delivered by Blaby District Council, partly in partnership with Leicestershire County Council. This project engages many of the schools in the District, together with some businesses close to Junction 21 of the M1. The project is funded by our Air Quality Grants.

Blaby District Council was awarded a further Air Quality Grant of £139,390 for 2021/22, to deliver additional work on behavioural change, and monitoring the impact of that work

<sup>5</sup> Defra. Clean Air Strategy, 2019

<sup>6</sup> DfT. The Road to Zero: Next steps towards cleaner road transport and delivering our Industrial Strategy, July 2018

which includes funding for the 'Countdown to Clean Air Project'. This project aims to cover a number of objectives:

- A Citizen Science Project involving five schools, five local youth and community groups, and parish councils.
- Behavioural change work with schools and businesses.
- Production of a computer Micro Simulation Model for Enderby.
- Production of comprehensive air quality data through ongoing monitoring during the project.
- A communications plan developed and delivered to share timely messages about poor air quality, raise awareness about its causes and impacts, and alternative cleaner and more sustainable travel options.
- A Short film produced and available online to celebrate achievements from the project, educate and raise awareness in the wider community and encourage uptake from other schools, businesses, and organisations in future air quality initiatives.

Unfortunately, due to the COVID-19 pandemic, no work could be undertaken in schools in the first quarter of 2021. Instead, much of the work with schools began in the last quarter of 2021, giving them time as required to adjust to different ways of working given the challenges that were still being faced due to the pandemic and local lockdowns. Part of the work with schools involved the 'Beat the Street' initiative which encouraged 540 students to use scooters and bikes as alternatives to conventional travel methods. Such schemes encourage students to participate in active travel which reduces congestion and traffic in hotspot areas such as schools.

Work on this project will continue in 2022 with the aim of further face to face engagement and progress against the initial objectives.

Blaby District Council installed 24 seven kW Electrical Vehicle (EV) chargers in 2021, mostly funded by the On-street Residential Charge Scheme (ORCS). These were located in several car parks to support residents who have limited off-street parking provision and to encourage EV usage in the District. The implementation of infrastructure to support the usage of lower emission vehicles will aid in the reduction of NO<sub>2</sub> emissions throughout Blaby District.

Furthermore, to incentivise the use of Ultra Low Emission Vehicles (ULEV's) and Electric Vehicles (EV), Blaby District Council's Licensing department have offered a 25% and 50%

fee reduction respectively, for operators who license a vehicle under any of these categories. The Hackney Carriage and Private Hire Policy for 2022 – 2027 has also been updated, this has delegated that any newly licenced vehicles must be under five years of age, and existing vehicles will not be renewed once they reach 10 years of age. This ensures that by September 2025 all vehicles will have Euro six type engines or newer. Initiatives as such have the scope to positively influence air quality within the district and improve the health and wellbeing of the community.

## Conclusions and Priorities

Overall, there were no exceedances of air quality objectives for Blaby District in 2021 within or outside any of the existing AQMAs.

There were small-scale changes in concentrations of NO<sub>2</sub> at some monitoring locations, but no significant elevations were indicated, and all were below the national objective. CM1 and CM4 recorded a small increase in concentrations and monitoring will continue during 2022 to assess future changes and any action that may be required.

The policy guidance (PG16) and technical guidance (TG16) set out by DEFRA states that there should be three to five years of consistent low results when considering making amendments to an AQMA. Given the impact of COVID-19 in 2020 and 2021, in particular due to local lockdowns around Leicester and Leicestershire, it would be necessary to obtain additional monitoring data before amending any of the AQMAs at this time. Revocation of AQMAs 1, 2, and 4B may need to be considered in the future if further data is reported at well below national air quality objectives, consistent with the concentrations seen in 2020 and 2021. Further updates will be reported on in ASR 2023.

There are several developments within and around Blaby District which may have a potential negative impact on air quality within the area. Monitoring is underway in proximity to many of these developments and will continue to assess the future impacts and be reported on in ASR 2023. The following are developments which are proposed or currently underway:

- Lubbethorpe Development - sustainable urban extension to the west of the M1 consisting of 4,250 homes and associated facilities (continuing development)
- Hinckley National Rail Freight Interchange Development (potential development)
- Extension to Croft Quarry (planning permission approved by Leicestershire County Council).
- HMP Fosse Way Prison, Glen Parva (under construction)



**Environment Act 1995 Part IV Section 83(1)**

**The Blaby District Council (Air Quality Management Area No.3  
Variation) Order 2020**

Blaby District Council (in this Order called the Council), in exercise of the following powers conferred upon it by Section 83(1) of the Environment Act 1995, hereby makes the following Order:-

1. The land shown in black on the maps attached to this Order being land in the area of the Council which is land to which Part IV of the Environment Act 1995 applies, is hereby designated as Air Quality Management Area 3
2. This Order replaces the Blaby District Council (Air Quality Management Area No.3) Order 2000 made on the 12<sup>th</sup> December 2000, and the Blaby District Council (Air Quality Management No.3- extension) Order 2005
3. This Order may be cited as the Blaby District Council (Air Quality Management No.3 Variation) Order 2020 and shall come into force on the 20<sup>th</sup> November 2020

This area is designated in relation to a likely breach of the Nitrogen Dioxide (annual mean) Air Quality Objective as specified in the Air Quality (England) Regulations 2000.

This order shall remain in force until it is varied or revoked by a subsequent order.

The COMMON SEAL of the Council was

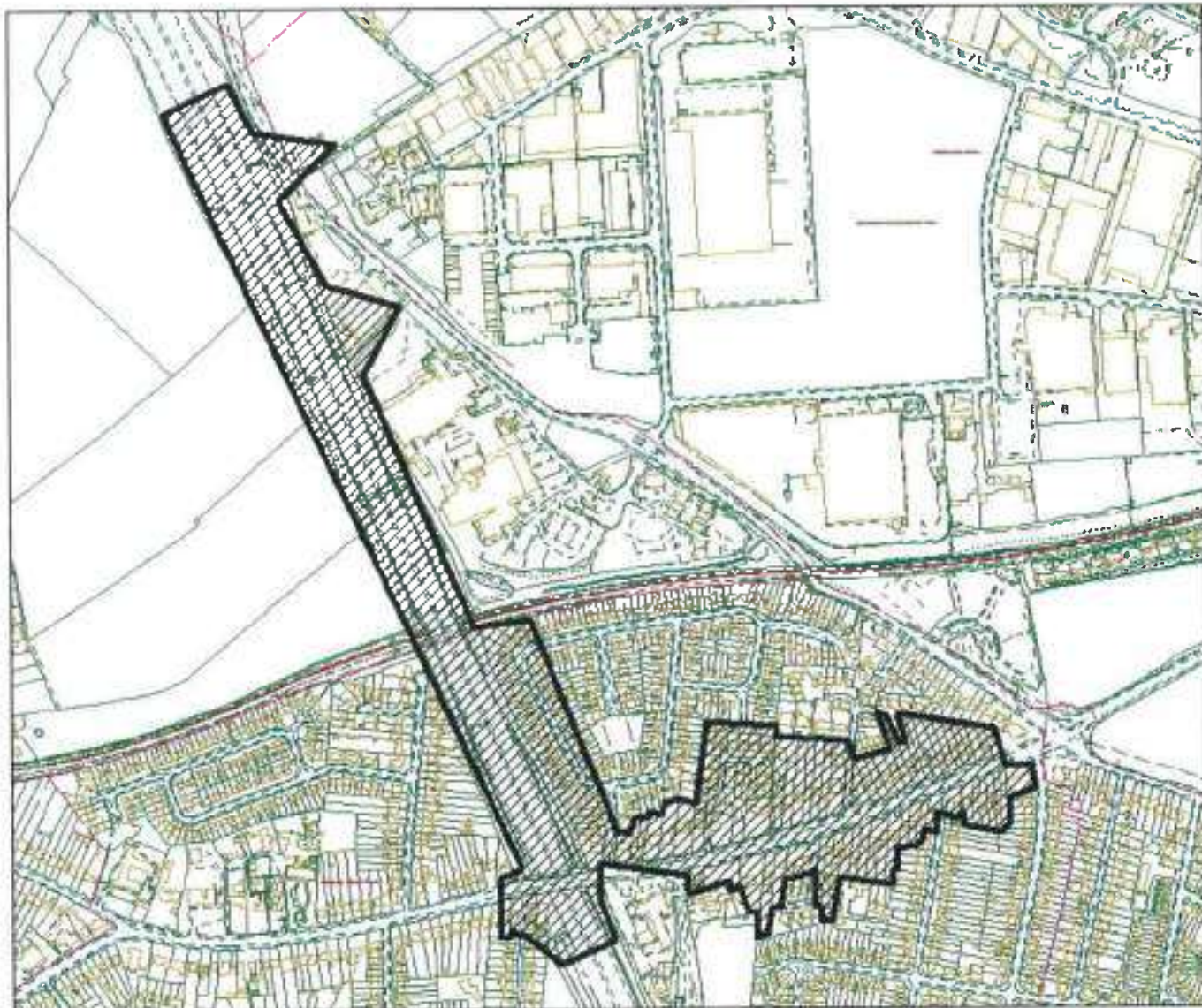
hereunto affixed this

day of *31 October*, 2020

In the presence of



*190036*



**Figure 2: Map of AQMA 3 – M1 corridor between Thorpe Astley and Leicester Forest East. Black border and shading denotes extent of AQMA.**

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