

NORTH HERTFORDSHIRE DISTRICT COUNCIL



17 June 2022

Our Ref Hitchin Committee/28 June 2022
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To: Members of the Committee: Councillor Ian Albert (Chair), Councillor Clare Billing (Vice-Chair), Councillor Judi Billing MBE, Councillor Raj Bhakar, Councillor Val Bryant, Councillor Sam Collins, Councillor Elizabeth Dennis-Harburg, Councillor James Denselow, Councillor Keith Hoskins MBE, Councillor Chris Lucas, Councillor Nigel Mason, Councillor Kay Tart and Councillor Richard Thake

NOTICE IS HEREBY GIVEN OF A

MEETING OF THE HITCHIN COMMITTEE

to be held in the

CHRISTCHURCH, BEDFORD ROAD, HITCHIN, SG5 1HF

On

TUESDAY, 28TH JUNE, 2022 AT 7.30 PM

Yours sincerely,

Jeanette Thompson
Service Director – Legal and Community

****MEMBERS PLEASE ENSURE THAT YOU DOWNLOAD ALL AGENDAS AND REPORTS VIA THE MOD.GOV APPLICATION ON YOUR TABLET BEFORE ATTENDING THE MEETING****

Agenda

Part I

Item		Page
1.	APOLOGIES FOR ABSENCE	
2.	MINUTES - 1 MARCH 2022, 26 MAY 2022 To take as read and approve as a true record the minutes of the meetings of the Committee held on the 1 March 2022 and 26 May 2022.	(Pages 5 - 14)
3.	NOTIFICATION OF OTHER BUSINESS Members should notify the Chair of other business which they wish to be discussed at the end of either Part I or Part II business set out in the agenda. They must state the circumstances which they consider justify the business being considered as a matter of urgency. The Chair will decide whether any item(s) raised will be considered.	
4.	CHAIR'S ANNOUNCEMENTS Members are reminded that any declarations of interest in respect of any business set out in the agenda, should be declared as either a Disclosable Pecuniary Interest or Declarable Interest and are required to notify the Chair of the nature of any interest declared at the commencement of the relevant item on the agenda. Members declaring a Disclosable Pecuniary Interest must withdraw from the meeting for the duration of the item. Members declaring a Declarable Interest, wishing to exercise a 'Councillor Speaking Right', must declare this at the same time as the interest, move to the public area before speaking to the item and then must leave the room before the debate and vote.	
5.	HITCHIN BID MANAGER To receive a verbal presentation from the Hitchin BID Manager.	
6.	PUBLIC PARTICIPATION To receive petitions, comments and questions from the public, including: <ul style="list-style-type: none">• Plastic Free Hitchin	
7.	INFORMATION NOTE - AIR QUALITY IN HITCHIN INFORMATION NOTE OF THE AIR QUALITY CONSULTANT The Chair to lead a discussion on the Air Quality in Hitchin.	(Pages 15 - 112)
8.	CHARNWOOD HOUSE UPDATE The Chair to provide a verbal update on Charnwood House and lead a discussion with Members.	

9. TOWN TWINNING

The Chair to provide a verbal update on potential new Town Twinning and lead a discussion with Members.

10. GRANTS & COMMUNITY UPDATE

UPDATE FROM THE ASSISTANT COMMUNITY ENGAGEMENT OFFICER

(Pages
113 -
126)

To advise the Members on the current expenditure and balances of the Committee Grant budgets.

To bring to the Members' attention recent requests received for Committee grant funding, made by community groups and local organisations, including:

- Back2Schoolival CIC
- Hitchin Fun Club
- PoetsIN

To advise of the activities and schemes with which the Community Engagement officers have been involved in.

To bring to the Members' attention some important community-based activities that will take place during the next few months.

11. WARD MATTERS AND OUTSIDE ORGANISATIONS - MEMBERS' REPORTS

To receive any verbal reports from Members regarding Ward matters and Outside Organisations.

12. POSSIBLE AGENDA ITEMS FOR FUTURE MEETINGS

The Chair to lead a discussion regarding possible agenda items for future meetings.

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Public Document Pack Agenda Item 2

NORTH HERTFORDSHIRE DISTRICT COUNCIL

HITCHIN COMMITTEE

MEETING HELD IN THE CHRISTCHURCH, BEDFORD ROAD, HITCHIN
ON TUESDAY, 1ST MARCH, 2022 AT 7.30 PM

MINUTES

Present: *Councillors: Councillor Ian Albert (Chair), Judi Billing, Val Bryant, Elizabeth Dennis-Harburg, Simon Harwood, Keith Hoskins and Nigel Mason*

In Attendance: *Danny Pearson (Assistant Community Engagement Officer) and Louis Mutter (Committee, Member and Scrutiny Officer)*

Also Present: *At the commencement of the meeting approximately 10 members of the public, including registered speakers.*

35 WELCOME

The Chair welcomed Members, Officers and members of the public to the Hitchin Area Committee meeting.

36 APOLOGIES FOR ABSENCE

Apologies for absence were received from Councillors Mike Hughson, Kay Tart, Clare Billing and Richard Thake.

37 MINUTES - 30 NOVEMBER 2021

Councillor Ian Albert, as Chair, proposed and Councillor Keith Hoskins seconded and, following a vote, it was:

RESOLVED: That the Minutes of the Meeting of the Committee held on 30 November 2021 be approved as a true record of the proceedings and be signed by the Chair.

38 NOTIFICATION OF OTHER BUSINESS

There was no other business notified.

39 CHAIR'S ANNOUNCEMENTS

- (1) The Chair welcomed those present at the meeting, especially those who had attended to give a presentation;
- (2) The Chair advised that, in accordance with Council Policy, the meeting would be audio recorded;
- (3) The Chair drew attention to the item on the agenda front pages regarding Declarations of Interest and reminded Members that, in line with the Code of Conduct, any Declarations of Interest needed to be declared immediately prior to the item in question.

40 HITCHIN BID MANAGER

Mr Tom Hardy, Hitchin BID Manager, thanked the Chair for the opportunity to address the Committee and gave a verbal presentation regarding the issues and activities in Hitchin Town Centre and drew attention to the following:

- A chewing gum deep clean of the town centre took place;
- Plans for the platinum jubilee include floral displays and events taking place in the town centre on the 2, 3, 4 and 5 of June;
- There was a new BID Events and Marketing Coordinator;
- There had been lots of enquiries about events in the marketplace, so a new 2022 events guide will be published and circulated;
- Rangers are running a new spring clean-up project, including the painting of bollards;
- The vacancy rate is 1.8% as of today, compared to the national average of 14.5%. 23 businesses are on a waiting list for a unit. There has been a new Vietnamese restaurant opened in the town, as well as Fabio's.
- 12,500 H-Town Pounds have been sold – a voucher that can be used in Hitchin stores.

Mr Tom Hardy handed out an infographic of the new BID staff structure to Members.

Councillor Ian Albert thanked Tom Hardy for this update and wished to express his thanks to the Town Centre Rangers for the work they had done.

The following Members asked questions:

- Councillor Keith Hoskins
- Councillor Simon Harwood

In response to questions, Mr Tom Hardy advised:

- Poundland had been vacated, and that it is up for rent at the moment.
- There are 600 businesses in the town, with 11 vacancies without offers.

41 HERTFORDSHIRE CONSTABULARY

Sergeant Guy Westwood, Hertfordshire Constabulary, provided Members of the Committee with an update on crime and police matters in the Hitchin area. This included:

- The team has a new staff structure. There is now 3 teams, freeing some staff members up to do things behind the scenes;
- In the last few weeks the team has reached full capacity;
- The priorities set in January are: Burglary, Anti-social behaviour in open spaces and Vehicle related nuisances;
- Priorities are now set after six months instead of three;
- A survey was sent to OWL members in setting priorities;
- Crime figures were expected to increase due to COVID lockdowns the year before. All crimes in the County had increased by 4.2%;
- Last year the County had had 65209 crimes compared to this year's 67981;
- North Herts has seen a 1.5% decrease in crime. Hitchin has seen a 2% increase;
- Burglary was picked as a priority as it was expected to increase due to time of year; more people going back to work meaning more empty dwellings;
- Hertfordshire as a whole saw a decrease in residential burglaries, while North Herts saw an increase from 156 to 172 and Hitchin saw an increase of 51 to 62.
- Increasing the number of patrols and crime prevention advice as a result of the increase;
- Burglaries of businesses and communities saw a decrease from 34 to 23 due to increased patrols on empty business areas;
- Criminal damage crimes saw a county-wide increase, but Hitchin decreased;

- Drug possession, robbery, shoplifting, motor vehicle theft and theft of a motor vehicle have all seen a decrease in the Hitchin area;
- Online crime and fraud have not been included in these figures due to where the crime is reported isn't necessarily where it is being committed – international fraud;
- Anti-social behaviour has seen an increase in North Herts from 96 to 110;
- Hate crimes have seen an increase in Herts from 1554 to 1647, in North Herts from 96 to 110. Increase was all hate crimes related to sexual orientation. The team has encouraged people to report more.

Councillor Ian Albert thanked Sergeant Guy Westwood for the presentation.

The following Members asked questions:

- Councillor Judi Billing
- Councillor Val Bryant

In response to questions, Sergeant Guy Westwood advised:

- Hertfordshire Constabulary will continue to work with Members and members of the public to determine the crime priorities in the area.
- Noisy car exhausts fall under anti-social behaviour; any exhaust should be muffled. Please report to the team if you have information.

42 PUBLIC PARTICIPATION - FEED UP, WARM UP & HITCHIN PANTRY

A verbal presentation was given by Shane Cole on the work of Feed up Warm up, and by Liz Willis of Hitchin Pantry, points included:

- Feed up Warm up has changed the way it has operated since it was last present at a Hitchin Committee. The organisation has gone to a strength based approach with service users rather than a generic 25 question form;
- Have now started funding people's private mental health counselling;
- Mental health plays a big part in homelessness, whether it was the cause or a subsequent problem;
- The public have donated specifically for the new private counselling approach;
- Feed up Warm up is now partnered with Hitchin Pantry;
- Stepped up on the approach in how individuals get reported to the organisation; New website now helps to support this report;
- Running in partnership with Stevenage Football Club.
- Hitchin Pantry is a new initiative from October. It is a social supermarket model which is membership based;
- The Organisation allows people that are suffering from food poverty to sustainable feed their families. It is not a foodbank or free, members choose their own food;
- Fresh meat and dairy is provided along with fresh fruit and vegetables;
- It is a franchise model from Your Local Pantry;
- The shop is a community hub, with frequent musicians and chatters;
- Hertfordshire Health Hub cooking courses have shown interest;
- Since the end of October the shop has had 714 visits;
- The shop is open two days a week for two hours, on Friday and Saturday;
- 74 members are families, the rest are older individuals; 51% live in private rented accommodation, 4 are homeless and 59 live in social housing.

Councillor Ian Albert thanked Shane Cole and Liz Willis for their verbal presentations.

The following Members asked questions:

- Councillor Val Bryant
- Councillor Judi Billing
- Councillor Ian Albert

In response to questions the two members of public advised:

- Hitchin Pantry has managed to receive food from Marks and Spencer's in Stevenage 2 nights a week.
- Feed up Warm up has already seen an improvement of communication with certain homeless individuals since the new approach.
- Visits from Members to both centres were welcome.

43 PUBLIC PARTICIPATION - NORTH HERTS PRIDE

A verbal presentation was given by Niamh Skinner and Kerrie Portman on the work and events of North Herts Pride and included:

- The organisation has just registered for a CIC;
- It started with newsletters – handwritten photocopies. Eventually branched out to events;
- They have a picnic planned for the 26th March, and a screening of Pride on the 6th April;
- Sell bags, mugs and stickers to fundraise at events;
- They are present on social media and plan to post for World Book Day and International Women's Day;
- They have social media posts defining key terms.

The Chair thanked Niamh and Kerrie for their presentation.

The following Members asked questions:

- Councillor Simon Harwood
- Councillor Ian Albert

In response to questions, Niamh and Kerrie advised:

- They post on Instagram, Facebook and Twitter as North Herts Pride;
- They are planning a summer event on the 17th September in Hitchin town square;
- The founder of NH Pride was on the committee for Hitchin Pride but wanted to create something for the whole community.

44 PUBLIC PARTICIPATION

The Community Engagement Assistant explained to the Committee that Bethan Trezise was unable to attend the Committee, and read out a written statement on behalf of Goslings Playgroup in respect of their grant application. Points in the statement included:

- Goslings is a preschool playgroup for Children of 2 years to 4 years of age;
- Founded in 1991;
- Goslings are OFSTED registered and are able to accept 26 children at the playgroup at any one time;
- Goslings has been making an operational loss for the last few years;
- Currently working with a media trust volunteer to create a new user friendly reactive website to clearly communicate what the playgroup can offer;
- Fundraising has been tough due to COVID, the group have been unable to run usual in person events;
- Would like to purchase a wooden playhouse that would be used by children who wish to be outside in a quiet environment.

45 GRANT APPLICATION - GOSLINGS PLAYGROUP

Councillor Judi Billing proposed and Councillor Nigel Mason seconded and, following a vote, it was:

RESOLVED: That grant funding of £2000 be awarded to Goslings Playgroup for improving their outside play area as outlined in paragraph 8.1.1 of the officer's report.

46 PUBLIC PARTICIPATION

The Community Engagement Assistant explained to the Committee that Hannah Reynolds was unable to attend the Committee, and read out a written statement on behalf of Imagination Dance in respect of their grant application. Points in the statement included:

- Imagination Dance is a dance company that specialises in providing dance and movement opportunities for those who are rarely offered them. This includes those with long-term conditions such as Dementia; older people; those with disabilities and children with SEN and additional needs;
- Run classes in Hitchin at the Westmill Community Centre;
- Classes are tailored to the needs of participants, and ask for the input of the local community to meet the demand for what is needed in the area;
- Looking to use the grant to support these classes financially; it has been difficult to increase the numbers since returning from lockdowns;
- The grant would allow the organisation to continue to run the classes and promote the branch to increase numbers.

47 GRANT APPLICATION - IMAGINATION DANCE

Councillor Nigel Mason proposed and Councillor Simon Harwood seconded and, following a vote, it was:

RESOLVED: That grant funding of £1115 be awarded to Imagination Dance for supporting their classes for children and young people with additional needs as outlined in paragraph 8.1.2 of the officer's report.

48 PUBLIC PARTICIPATION

A verbal presentation was given by Mandeep Kaur Nijjer on the organisation of a visual and audio exhibition in respect of Red Media Love's grant application. Points included:

- Mandeep's parents migrated from South Asia in the 1960s;
- There are around 5,000 South Asian families across North Herts;
- Plan to host an art exhibition at the museum to coincide with South Asian History Month;
- The Museum has done a good job documenting first generation migrants; however it is felt that there is a gap for children of immigrants, which can lead to identity issues;
- Would like to highlight some of the stories from children of immigrants.

Councillor Judi Billing commented that Hertfordshire County Council Councillors may be able to provide funding from their budgets.

49 GRANT APPLICATION - RED MEDIA LOVE

Councillor Keith Hoskins proposed and Councillor Val Bryant seconded and, following a vote, it was:

RESOLVED: That grant funding of £2480 be awarded to Red Media Love for supporting the organising of a visual and audio exhibition around the second generation of South Asians who grew up in Hitchin and Letchworth as outlined in paragraph 8.1.3 of the officer's report.

50 PUBLIC PARTICIPATION

A verbal presentation was received from Garry Brandon, Chair of the Hitchin Scouts, on the grant application. Points included:

- Garry Brandon is the Chair of the Hitchin Scouts;
- They plan to buy new kitchen shelves to provide support in cooking classes;
- The Scouts have 58 Cubs and Scouts and 35 Beavers;
- Majority of the children come from Hitchin and the club is one of the biggest in Hitchin.

51 GRANT APPLICATION - THIRD HITCHIN SCOUTS

Councillor Keith Hoskins proposed and Councillor Simon Harwood seconded and, following a vote, it was:

RESOLVED: That grant funding of £580 be awarded to Third Hitchin Scouts for the purchase of six kitchen tents used to prepare meals by the young people at camps and day activities as outlined in paragraph 8.1.5 of the officer's report.

52 PUBLIC PARTICIPATION

The Community Engagement Assistant explained to the Committee that Lisa King was unable to attend the Committee, and read out a written statement on behalf of Strathmore Fun Club in respect of their grant application. Points in the statement included:

- Strathmore Fun Club is an after school childcare facility based at Strathmore School;
- Has been supported by local families for 24 years;
- The club employs local staff, many of which have been with the club for years;
- SFC have 40 child places available each day;
- Provides a safe, caring environment for children to play, explore, learn and engage in many different activities;
- After a difficult period during the pandemic, the Club is operating as normal and child places are starting to increase;
- The Club would like £1100 to help cover the cost of purchasing new toys, equipment and materials;
- Toys/equipment to be purchased includes a selection of outdoor toys, in particular, new 'wobble cars', trikes and scooters.

53 GRANT APPLICATION - STRATHMORE FUN CLUB

Councillor Elizabeth Dennis-Harburg proposed and Councillor Val Bryant seconded and, following a vote, it was:

RESOLVED: That grant funding of £1,100 be awarded to Strathmore Fun Club for purchasing additional toys, equipment, and materials to cover the cost of a programme of events and activities as outlined in paragraph 8.1.4 of the officer's report.

54 POTENTIAL NEW TOWN TWINNING - AYENSUAKO, GHANA

A verbal presentation was given by Joanne Wearne of Humanitas and Tommy Eaton of Bambuu Brush on a new potential town twinning opportunity with Ayensuako, Ghana and drew attention to the following points:

- Humanitas' office is in Hitchin.
- Humanitas is a charity which has been operating for 21 years, it exists to give access to the world's most vulnerable and impoverished children healthcare.
- Have a strong relationship with The Comet;
- Majority of funding comes from loyal local communities;
- The charity runs projects in Romania and Ghana;
- Humanitas operates 2 schools in the town of Aseyuako, Ghana; a primary school and high school with 280 students.

The Chair thanked the two members of public for their presentation.

In response to a question from Councillor Keith Hoskins, Joanne Wearne advised that the school had only closed for three weeks during the pandemic. The school did not have access to hand washing facilities however.

The Chair invited David Leal-Bennett, Hitchin Town Twinning Association, to give a verbal presentation. In his presentation the following points were made:

- Post-war town-twinning was very popular; twinning with towns in France and Germany has worked very well, facilitating exchanges between the areas;
- Over the past 15-20 years the demographic has changed; very few youngsters coming into the town twinning association;
- Will need to discuss with patrons and progress discussions through the Association.

The following Members asked questions:

- Councillor Simon Harwood
- Councillor Judi Billing
- Councillor Elizabeth Dennis-Harburg
- Councillor Val Bryant

In response to questions from Members, David Leal-Bennett and Joanne Wearne advised:

- Humanitas want to be part of reenergising the Town Twinning Association;
- All Humanitas fundraising is done in the UK. 88p of every £1 goes to the projects;

In response to a question from Councillor Judi Billing, the Chair advised that: Formally speaking it is for the Council and relevant committees to decide about twinning arrangements. If the Twinning Association was against the idea it could lead to two separate associations, however the Council and the Town Twinning Association want to proceed together.

It was:

RESOLVED: That the Hitchin Committee notes and welcomes the presentation on establishing a new Twinning arrangement with the community of Ayensuako in Ghana.

RECOMMENDED TO CABINET: To authorise further work to be done involving Members, Officers, the local community and the Hitchin Town Twinning Association.

RESOLVED: That the Hitchin Committee agrees to discuss the outcome of this work and any formal proposal for the adoption of a new twinning at its first meeting of the civic year in June.

Danny Pearson, Assistant Community Engagement Officer, presented the report entitled Grants and Community Update and gave a verbal presentation, which included:

- The team are continuing to engage with local community groups; including support a Youth Action group;
- North Herts Culture Group and the Hitchin sub-group is doing well;
- Helping to organise a Westmill road safety event;
- In November Helen was invited to the Committee to talk about Hitchin Fairtrade, Arts group and the BID team got a map together and have started signing up businesses to the scheme;
- Hitchin Fairtrade will be continuing to share information on social media, mailing lists and network groups;
- Beginning to hold Community Surgeries in the marketplace again;
- The World Book Day event will be sharing the marketplace;
- Dispersing vouchers for the Covid recovery fund;
- Currently in talks on how to organise the Hitchin Eco Day, the District Council have not booked a stall yet;
- Helping to organise the Queen Jubilee weekend event as well as National Democracy and Parliament Week later on in the year;

In response to a question from Councillor Simon Harwood, the Assistant Community Engagement Officer advised that he would look into producing an infographic or leaflet to keep members of public up to date with all the events happening.

Councillor Ian Albert, as chair, proposed and Councillor Judi Billing seconded and, following a vote, it was:

RESOLVED: That the Committee be recommended to endorse the actions taken by the Community Engagement team to promote greater community capacity and well-being for Hitchin.

56 WARD MATTERS AND OUTSIDE ORGANISATIONS - MEMBERS' REPORTS

Councillor Simon Harwood informed the Committee that the Hitchin Boys Year 10 Rugby Team had reached the semi-finals of the Natwest Cup and wished to congratulate them and wish them luck.

The Chair thanked Councillor Simon Harwood and Councillor Mike Hughson for their work on the Committee and informed the Committee that this was their final Hitchin Area Meeting.

The Assistant Community Engagement Officer informed the Committee that following from grant applications the grant budget balance was £775, which would be carried over to the following civic year.

57 POSSIBLE AGENDA ITEMS FOR FUTURE MEETINGS

The Chair requested that, should any Members have any suggestions for agenda items for future meetings, they advise himself, officers or the Committee Clerk.

The meeting closed at 9:40 pm

Chair

Public Document Pack

NORTH HERTFORDSHIRE DISTRICT COUNCIL

HITCHIN COMMITTEE

MEETING HELD IN THE COUNCIL CHAMBER, DISTRICT COUNCIL OFFICES,
LETCWORTH GARDEN CITY
ON THURSDAY, 26TH MAY, 2022 AT 7.30 PM

MINUTES

Present: *Councillors: Ian Albert, Judi Billing, Raj Bhakar, Val Bryant, Sam Collins, Elizabeth Dennis-Harburg, James Denselow, Keith Hoskins, Chris Lucas, Nigel Mason, Kay Tart and Richard Thake*

In Attendance: *William Edwards (Committee, Member and Scrutiny Manager)*

58 APOLOGIES FOR ABSENCE

Audio recording – 31 minutes 03 seconds

N.B There is no separate audio recording of this meeting. Time stamps refer to the recording of Annual Council on the 26 May 2022.

Apologies for absence were received from Councillors Clare Billing.

59 ELECTION OF A CHAIR FOR CIVIC YEAR 2022/23

Councillor Judi Billing proposed and Councillor Keith Hoskins seconded and, following a vote, it was:

RESOLVED: That Councillor Ian Albert be elected as Chair of the Hitchin Area Committee for the Civic Year 2022/23.

60 ELECTION OF A VICE-CHAIR FOR CIVIC YEAR 2022/23

Councillor Elizabeth Dennis-Harburg proposed and Councillor Val Bryant seconded and, following a vote, it was:

RESOLVED: That Councillor Clare Billing be elected as Vice-Chair of the Hitchin Area Committee for the Civic Year 2022/23.

The meeting closed at 8.03 pm

Chair

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HITCHIN AREA COMMITTEE 28 JUNE 2022
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*PART 1 – PUBLIC DOCUMENT

TITLE OF INFORMATION NOTE: AIR QUALITY IN HITCHIN

INFORMATION NOTE OF THE AIR QUALITY CONSULTANT

1. SUMMARY

- 1.1 The purpose of this information note is to inform the Committee on the status of Air Quality in Hitchin.

2. STEPS TO DATE

- 2.1 The note has been written following a request from Cllr Albert in response to receiving the Annual Status report in February.

3. INFORMATION TO NOTE

- 3.1 Background to Air Quality Assessment and Measurements

- 3.2 *Local Air Quality Management*

The Environment Act 1995 requires local authorities to monitor air pollution against national targets and to take action where it is found that these targets are unlikely to be met.

Local Air Quality in North Hertfordshire is summarised each year in a Statutory Report submitted annually to DEFRA, and is the Annual Status Report.

As stated above, the emphasis on Local Authorities is to take action where it is found that

air quality targets are unlikely to be met, as determined by a local programme of air quality monitoring across the district.

The following link gives reference to a recent report, highlighting Local Authority responsibilities in relation to managing air quality.

[Local Government air quality responsibilities - House of Commons Library \(parliament.uk\)](https://www.parliament.uk/library/research-and-briefing/papers/2019/2019-05-29-local-government-air-quality-responsibilities/)

- 3.3 *Local Air Quality Management (LAQM) regime*

The [Environment Act 1995](#) (as amended) requires the UK Government and the devolved administrations for Scotland and Wales to produce a national air quality strategy containing standards, objectives and measures for improving ambient air quality and to keep these policies under review. The [Environment \(Northern Ireland\) Order 2002](#) makes corresponding requirements for Northern Ireland. The latest version of the strategy is the 2007 [Air Quality Strategy for England, Scotland, Wales and Northern Ireland](#).

In addition to this, the EU “Air Quality Directive” ([EU Directive 2008/50/EC](#)) on ambient

air quality and cleaner air for Europe sets legally binding standards for ambient air quality (the condition of the air in the outdoor environment). The Directive is implemented in the UK through regulations for each country.

The local air quality management (LAQM) regime requires every district and unitary authority to regularly review and assess air quality in their area. These reviews identify whether national objectives have been, or will be, achieved at relevant locations, by an applicable date.

3.4 *Actions to improve air quality*

Local authorities use various means to achieve air quality standards, such as traffic and parking management, road design and planning, vehicle regulation, introducing Clean Air Zones, establishing Smoke Control Areas, enforcing statutory nuisance powers and regulating planning.

3.5 *Proposals to improve air quality*

The Government has published and consulted on various proposals aimed at improving local air quality management. Some of these were included in the Environment Bill 2019 which fell at Dissolution.

A new *Environment Bill* (Bill 9, 2019-20) was introduced on 30 January 2020 containing measures to clarify duties and enable greater cooperation under the Local Air Quality Management Framework, make smoke emissions in Smoke Control Areas in England subject to civil penalty notices (fines) rather than prosecution as criminal offences, and redefine smoke from private dwellings in smoke control areas in England as a statutory nuisance.

3.6 *The Annual Status Report*

The Local Air Quality Management Process in the UK is managed by DEFRA, under Part IV of the Environment Act 1995.

DEFRA have issued detailed Policy and Technical Guidance guidance to Local Authorities to assist Local Authorities in making appropriate assessments and submitting the appropriate reports.

Ref: Policy Guidance <https://laqm.defra.gov.uk/documents/LAQM-PG16-April-16-v1.pdf>

Ref Technical Guidance: <https://laqm.defra.gov.uk/air-quality/featured/uk-regions-exc-london-technical-guidance>

Local authorities are required to submit an ASR each year.

The overall aim of this document is to report on progress in achieving reductions in concentrations of emissions relating to relevant pollutants below air quality objective levels.

3.7 *Core requirements of the ASR :*

- To report progress on the implementation of measures in the local air quality action plan and other measures and their impact in reducing concentrations below air quality objectives;
- To provide a summary of monitoring/modelling data (either locally retrieved and/or from the national network) in order to assess the air quality situation in your area and

likelihood of air quality breaches, and to provide the necessary evidence base for the impact of air quality measures;

- To report on significant new developments that might affect local air quality; and
- To present information in a public-facing executive summary for the lay reader so that the local public can more easily engage with local air quality issues and measures taken to improve it.

3.8 2021 ASR Air Quality with reference to results for Hitchin

The Executive Summary at the front of the report highlights results in relation to air quality objectives.

The report highlights that due to the COVID-19 pandemic, only limited monitoring has been carried out, but the results of longer term trends can be seen by looking at results within the following tables in the report.

Tables A4 – A6 for Nitrogen Dioxide

Table A7 for PM10

Table A8 for PM2.5

The following text is copied from the Executive Summary:

Historically there have been two areas where pollution concentrations for nitrogen dioxide, close to busy road junctions in Hitchin have exceeded air quality objectives, resulting in declarations of Air Quality Management Areas on Stevenage Road (AQMA 2012) and Payne's Park Roundabout (AQMA 2017), both along the A602.

The latest, (post-pandemic) trends from long term monitoring sites show significant improvements in air quality at most monitoring sites.

For the Stevenage Road AQMA, close examination of monitoring results highlights that pollution levels closest to the Hitchin Hill Roundabout have now fallen below objective levels, and results over the last 4 years, when corrected for relevant exposure are all below objective levels.

For the Payne's Park AQMA there is a single monitoring site (NH93) within the AQMA, that remains above objective levels when corrected for relevant exposure, (for data to 2019, no data for 2020)

In summary: from results of monitoring data corrected for relevant exposure shows the following:

Stevenage Road AQMA

- No results above objectives for 4 years in succession (2020,2019, 2018,2017).
- No results within 10% of objective levels in the last three years (2020, 2019, 2018)

Payne's Park AQMA (Incomplete data for 2020)

- Two years with results above objectives in last 4 years (2018, 2017)
- Last 4 years with results within 10% of objective levels (2020,2019,2018,2017)

4. NEXT STEPS

- 4.1 In summary these results suggest the following in relation to the continued status of these AQMAs.

Stevenage Road AQMA

- Continue monitoring in 2021 and 2022, and if no results within 10% of objectives, then recommend this AQMA should be revoked.

Payne's Park AQMA

- Retain the current AQMA. Continue monitoring during 2021-2, until all results are consistently below 90% of the objective level, before recommending revocation of the AQMA.

For Both AQMA sites

Review of monitoring locations within and close to each AQMA to provide evidence to review status of each AQMA.

Thus, the status of the AQMA's is that they do not indicate any current or recent exceedances of the relevant statutory air quality objectives, and the current position (agreed by DEFRA), is to review the monitoring locations within and close to each AQMA, to review the status of these AQMAs

Once the review is completed, these AQMA's can be considered for revocation, unless new results indicate there could be a possibility that results may exceed the statutory air quality objectives.

The recent results indicate that pollution levels have fallen, and it is likely these AQMAs will be considered for revocation in the near future.

- 4.2 **The Air Quality Action Plan (AQAP)** is contained within the ASR report.

The AQAP highlights that a programme has been implemented to engage with businesses on the Hitchin Industrial Estate, in relation to the EcoStars Programme.

This programme is currently underway, and seeks to engage with local fleet operators based on the industrial park, to review the operation and management of their vehicle fleets to promote the use of more sustainable, lower emission, transport options.

The programme runs until the end of 2022, and a report will be provided following completion, on local engagement with the scheme.

Full details of the scheme can be referenced in the link below:

[ECO Stars - Fleet Recognition Scheme \(ecostars-uk.com\)](https://ecostars-uk.com)

5. APPENDICES

None

6. CONTACT OFFICERS

- 6.1 *Environmental Protection, Roger Pitman, Air Quality Consultant, Direct Dial: 01462 474263; roger.pitman@north-herts.gov.uk*

7. BACKGROUND PAPERS

- 7.1 Annual Status Report 2021 (included alongside Information Note in the agenda)

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2021 Air Quality Annual Status Report (ASR)

In fulfilment of Part IV of the Environment Act 1995
Local Air Quality Management

October 2021

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Date	September 2021

Executive Summary: Air Quality in Our Area

Air Quality in North Hertfordshire

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^{1,2}.

The mortality burden of air pollution within the UK is equivalent to 28,000 to 36,000 deaths at typical ages³, with a total estimated healthcare cost to the NHS and social care of £157 million in 2017⁴.

Air quality monitoring during 2020 has been significantly affected by the impact of the Covid-19 pandemic. Due to the lockdown restrictions, with enforced home working and reduced ability to travel, road traffic levels and traffic emissions have reduced, leading to significant reductions in air pollution and improved air quality. Summary road traffic data for Hertfordshire from the Department for Transport (DfT) show annual reductions in all motor vehicle traffic for 2020 by more than 20%, to levels lower than measured for over the last 25 years. Until it is clear what are the new normal traffic levels post-pandemic, the final review of the status of the AQMAs is not possible, thus final decisions on the review of the AQMAs will not be considered before 2023. This time frame will also enable the Inspector on the North Herts Local Plan to issue his final report and for the Council to come to a decision with regard the adoption of a Local Plan. This together with Stevenage's adopted Local Plan will enable a view to be taken as to the impact of future significant housing developments which will impact upon the two AQMAs.

¹ Public Health England. Air Quality: A Briefing for Directors of Public Health, 2017

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

³ Defra. Air quality appraisal: damage cost guidance, July 2020

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

Historically there have been two areas where pollution concentrations for nitrogen dioxide, close to busy road junctions in Hitchin have exceeded air quality objectives, resulting in declarations of Air Quality Management Areas on Stevenage Road (AQMA 2012) and Payne's Park Roundabout (AQMA 2017), both along the A602.

The latest, (post-pandemic) trends from long term monitoring sites show significant improvements in air quality at most monitoring sites. For the Stevenage Road AQMA, close examination of monitoring results highlights that pollution levels closest to the Hitchin Hill Roundabout have now fallen below objective levels, and results over the last 4 years, when corrected for relevant exposure are all below objective levels. For the Payne's Park AQMA there is a single monitoring site (NH93) within the AQMA, that remains above objective levels when corrected for relevant exposure, (for data to 2019, no data for 2020)

In summary: from results of monitoring data corrected for relevant exposure shows the following:

Stevenage Road AQMA

- No results above objectives for 4 years in succession (2020,2019, 2018,2017).
- No results within 10% of objective levels in the last three years (2020, 2019, 2018)

Payne's Park AQMA (Incomplete data for 2020)

- Two years with results above objectives in last 4 years (2018, 2017)
- Last 4 years with results within 10% of objective levels (2020,2019,2018,2017)

In summary these results suggest the following in relation to the continued status of these AQMAs.

Stevenage Road AQMA

- Continue monitoring in 2021 and 2022, and if no results within 10% of objectives, then recommend this AQMA should be revoked.

Payne's Park AQMA

- Retain the current AQMA. Continue monitoring during 2021-2, until all results are consistently below 90% of the objective level, before recommending revocation of the AQMA.

For Both AQMA sites

Review of monitoring locations within and close to each AQMA to provide evidence to review status of each AQMA.

Emissions from road transport along the A602 have been responsible for designation of both these AQMAs.

The locations of the AQMAs can be found in Appendix D, the formal designations can be found at <http://www.north-herts.gov.uk/home/environmental-health/pollution/air-quality/air-quality-management-areas-north-hertfordshire> and the AQMAs are also included within the national list of AQMAs that can be found at <http://uk-air.defra.gov.uk/aqma/list>.

As a result of the designation of the 2017 AQMA, NHDC consulted on and published a joint Action Plan to identify measures that can be taken to attempt to reduce emissions of nitrogen dioxide and improve air quality at both AQMAs.

The joint Action Plan can be found at <http://www.north-herts.gov.uk/home/environmental-health/pollution/air-quality/air-quality-management-areas-north-hertfordshire> and it is reviewed in Section 2 of this report.

The improvements in air quality reflected in the monitoring results at both AQMAs, are clearly a combined result of policies operating at a national, regional, and local levels. The reduction in levels of road traffic attributed to the pandemic, show a marked impact on the most recent monitoring results. This is in addition to specific measures developed in the joint Action Plan that have contributed to reductions in emissions from road transport, resulting in the improvements in local air quality now being recorded.

The continued status of both AQMAs for the next two years, highlights the need for continued action to support measures that contribute to improving air quality in AQMA hotspots and maintaining air quality below objective levels in all other areas.

Measures to reduce emissions to atmosphere are addressed by policies that are developed to tackle climate change, as well as air pollution. Transport Policies that control congestion at pollution hotspots on urban roads closest to housing are also significant.

Councillors at North Hertfordshire District Council (NHDC) approved a new Climate Change Strategy and action plan to help tackle climate change in the district, at a Cabinet meeting on 28 January 2019.

The new Strategy builds upon the passing of a Climate Emergency motion by the Council in May 2019, where the Council pledged to do everything within its power to achieve net zero carbon emissions in North Hertfordshire by 2030, one of the five objectives in the Council Plan 2020-2025.

The Council has agreed to:

- **Reduce the Council's carbon footprint** – including purchasing energy from renewable sources, consider the use of Ultra Low Emission Vehicles for all future operational vehicles, and minimising waste from Council activity.
- **Improve leadership in the fight against climate change in the district** – including installing additional electric vehicle charging points in Council car parks, holding more frequent Waste Electric, Electronic Equipment recycling events, and increasing local awareness of how to reduce, reuse and recycle plastic waste.
- **Work closely with partner organisations to tackle climate change in North Herts** – including supporting and engaging local community groups that address climate change, agreeing a plan to eliminate single use plastics from our Leisure Centres and swimming pools, and working with cycling groups to promote cycling as a means of transport.

NHDC has already actioned the following since passing its Climate Emergency motion last year:

- **Introduction of subsidised licensing fees for hackney carriages and private hire vehicles that use clean fuel.**
- **Approval of a Council motion to promote renewable energy and support the Government's Local Electricity Bill which if made law, would make the set up and running costs of selling local electricity to local customers affordable.**
- **Conversion of floodlighting on Norton Common in Letchworth from halogen to LED lighting, which will cut energy use by 50%.**
- **Launched a Plastic Free North Herts Campaign and helped promote businesses in the district who have achieved a plastic free status.**

Thus, measures to address climate change can be considered in tandem with measures to address air pollution, and vice-versa.

Full details of the actions the Council has taken to date, and measures it proposes to take are presented in the [Council Plan](#) and NHDC [Cabinet approved proposals](#).

The measures in the Council plan and proposals that are particularly relevant in terms of addressing emissions from road transport include:

- **Consider all future operational vehicles leased or purchased by the council are Ultra Low Emission Vehicles and encourage contractors to adopt similar measures**

- **Installing additional electric vehicle charging points in council car parks to ensure that every car park has charging points in at least 5% of spaces, with a minimum of two spaces per car park.**
- **Installation of on street electric vehicle charging points in on street parking bays in town centres (in agreement with the County Council).**
- **Work with cycling groups to produce a cycling plan to promote cycling, including the use of electric bicycles, as a means of transport and identify simple to remove barriers.**

As reported in the 2019 ASR, NHDC continues to work closely with a number of key partnerships, including:

- Hertfordshire County Council, Transport Planning, Public Health, and Electric Vehicle and Future Transport Group.
- Herts & Bedfordshire Air Quality Forum
- NHDC Officers for Strategic Planning, Transport Planning, and Development Management.

The challenges to maintaining reduced levels of air pollution remain as previously reported, notably increased traffic related to housing and related infrastructure growth, and the potential growth in traffic that would be stimulated by the proposed expansion to Luton Airport to the south-west of the district.

During the last year NHDC have been engaged in making responses to the Secretary of State regarding the potential impacts of the proposed Luton Airport expansion.

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 Strategy⁵ sets out the case for action, with goals even more ambitious than EU requirements to reduce exposure to harmful pollutants. The Road to Zero⁶ sets out the approach to reduce exhaust emissions from road transport through several 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.

Actions to improve air quality can be linked to measures developed to combat climate change. In May 2019 North Herts District Council declared a climate emergency and committed to take action to address the causes of climate change across the district. The Council pledged to do everything within its power to reduce carbon emissions from its own operations to a carbon neutral position by 2030. The Council's updated Climate Change Strategy 2021-26 sets out the actions that the Council will take to achieve this goal and states our/their objectives of achieving a net zero carbon district by 2040 and of becoming a district which is resilient to the unavoidable impacts of climate change. The Council has recently completed a feasibility study in relation to the procurement of EV charging Infrastructure in North Hertfordshire. Alongside a developing strategy for EV infrastructure on a County-wide basis, these initiatives are expected to provide the basis for the ongoing expansion of EV charging infrastructure.

As part of the Council's emerging Local Plan 2011-2031, NHDC published an accompanying Transport Strategy in 2017, with the stated aim of focusing on the potential for solutions and mitigations to better reflect the new sustainable transport priorities, which is further reflected in HCC's LTP4ⁱ. This includes a commitment to a transport user hierarchy, which seeks to prioritise active and sustainable modes of travel.

⁵ Defra. Clean Air Strategy, 2019

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

Transport is recognised as one of largest contributors of Greenhouse Gases; as such, if the Council is to realise its aim of net zero carbon emissions across the district by 2040, then encouraging modal shift by residents in the District from private vehicles to greener modes will be required. In addition, as part of reaching the target of net zero carbon emissions from its own operations by 2030, the Council should consider the opportunities to transition its fleet from ICE to EV vehicles and other alternatives where possible, thereby setting a positive example. Within this context it is proposed that NHDC, working with partners will seek to provide a range of initiatives to provide residents with realistic options for undertaking day-to-day travel, such that they offer a genuine and attractive choice instead of using the car, under the banner of 'Sustainable North Hertfordshire'.

The updated Climate Change Strategy has three strategic priorities under which actions sit. These are:

Taking Action – taking direct actions to reduce the Council's carbon emissions.

Enabling Carbon Savings – ensuring that our policies enable citizens and businesses to reduce their emissions.

Inspiring the Community – encouraging citizens and businesses to go further and faster in cutting carbon emissions.

Actions that were progressed or achieved in 2020 and which relate to transport emissions and air quality include:

- Approval of changes to the Taxi and Private Hire Licensing Policy, including:
 - No idling points system introduced to enforce against drivers who do not comply.
 - Restricted use taxi ranks - when the infrastructure is in place, it is intended to restrict use of prime location taxi ranks to environmentally friendly vehicles.
 - Require all new and replaced vehicles from 2028 to be ultralow emission vehicles.
- Engaged a consultant to help identify the Council's current carbon footprint (including Council fleet and the fleet of our key contractors).
- The Council's Community Safety Team replaced their vehicles with new, hybrid, Ultra Low Emission Vehicles
- Regular Transport Forum meetings now taking place to engage with the local community about public transport.

- Carried out a consultation to inform the development of an Electric Vehicle Strategy and now looking at options for electric vehicle charging infrastructure.
- Committed to using the Section 106 Sustainable Transport Funds the Council holds for measures that encourage cycling and walking as well as public transport.
- Made a successful submission for Hitchin to be part of the Intalink Feasibility studies. This is a collaboration between Hertfordshire County Council, bus rail operators, District and Borough councils in order to improve the bus network and user experience. This will see bus priority measures in Hitchin from 2022-2023.
- Letchworth Garden City and Royston have been approved for inclusion in the first round of the Sustainable Travel Towns Programme.
- Worked with Hertfordshire County Council to deliver new cycle stands in the district as part of the Department for Transport Emergency Active Travel Fund.
- The Council is working with Hertfordshire County Council to develop a Local Cycling and Walking Infrastructure Plan (LCWIP). The development of a LCWIP for the North Hertfordshire area commenced in December 2020 and is forecast for completion in early 2022. The LCWIP will be focusing on the five key urban centres of Hitchin, Letchworth Garden City, Baldock, Knebworth and Royston as well as the key corridors and feeder routes both within the settlements and between the neighbouring local authorities of Central Bedfordshire, Luton, Stevenage, Welwyn-Hatfield and Cambridgeshire.

The Climate Change Strategy also has the following proposed actions due for delivery between 2021 and 2026 which relate to transport emissions and air quality:

- In accordance with the Council's 2019 resolution, continue replacing all future operational vehicles leased or purchased by the Council with Ultra Low Emission Vehicles (ULEVs) or zero emission vehicles until the last non-ULEV vehicle leases expire (2022); and encourage contractors to adopt similar measures
- Begin transitioning to zero emission council vehicles as leases come up for expiry from 2025
- Reduce staff and Councillor business travel through use of Zoom and similar technologies as much as possible
- Reduce staff commuting through home working as much as practical
- Explore opportunities around low-emission refuse freighters

- Explore the creation of a 5-Year Plan to reduce emissions from the waste fleet
- As part of the 'Sustainable North Hertfordshire' programme, work to develop and support policies that encourage electric vehicle use and other 'cleaner air' initiatives across the district, including:
 - Providing more electric car charging facilities in our car parks
 - Exploring the possibility of making it cheaper for zero emission vehicles to use Council car parks
 - Working with Hertfordshire County Council to improve the provision of on-street Electric Vehicle (EV) charging
 - Exploring the opportunities for a holistic approach to a town-wide Electric Vehicle strategy which will include all users and operators, both public and private
 - Working with other public and private entities/partners to improve provision of EV charging
 - Progressing the implementation of a better cycle network in North Herts, linking the district and beyond
 - Working with the relevant portfolio holders to prepare an annual Electric Vehicle Action Plan
- Further to the requirement for all new and replaced taxi vehicles to be ultra-low emissions from 2028, explore how the Council can support transitions to low emission vehicles before this date and to zero emission vehicles when the necessary infrastructure is in place
- Ensure that masterplans and planning applications for new development are designed around streets and routes for active travel (rather than cars) and create walkable neighbourhoods
- Enable residents to assess their carbon emissions, comparing them with the district and best practice
- Encourage residents to make behaviour changes by highlighting positive actions that can be taken, and informing them of more environmentally friendly options
- Encourage alternative models of working to reduce commuting levels across the district

During 2020 NHDC has engaged on the following:

- Prepared and agreed a scoping report setting out how the Council may wish to take forward its approach in the delivery of EV infrastructure within the district. This includes the preparation of an EV charging infrastructure feasibility study for Council owned car parks and engagement with potential suppliers and the County Council on a County-wide EV charging infrastructure strategy.
- With HCC via the Electric Vehicle (EV) Charging and Future Transport Working Group, in relation to future provision of on-street Electric Vehicle Charging Infrastructure
- The Herts & Bedfordshire Air Quality Forum
- The Public Health Board at HCC where a presentation was made on the Air Pollution Notification system to front line health services, highlighting the needs of the most vulnerable.

The NHDC Local Plan is still undergoing examination as reported in the 2020 ASR. The Inspector's report / and close of the examination is due in November 2021. The Local Plan is updating commitments to address climate change within the vision statement which highlights important links with air quality plans to reduce transport emissions, particularly from private transport:

- *The District will play its part in addressing climate change by improving opportunities for travelling by public transport, walking and cycling, using natural resources more efficiently, reducing the demand for water, securing high quality sustainable design and managing the risk of flooding.*

Further links between managing transport emissions and improving air quality are now embedded within the Local Transport Strategy for NHDC, where it states:

- *The focus should be on increasing the use of sustainable modes. A general increase in highway capacity into and through the towns is not recommended, the exception being where junction improvements can reduce AQMA issues without significantly increasing traffic through the town, or where they would have a more strategic function. The focus should instead be on managing the networks, smoothing flows, reducing speeds in the towns and providing better facilities for walking, cycling and buses.*

[Ref: NHDC Transport Strategy Section 5.9ⁱⁱ]

Conclusions and Priorities

Air Quality in North Hertfordshire District continues to improve with the two AQMAs at Stevenage Road Hitchin and Payne's Park, both meeting the Air Quality Objectives for the first time. However due, to some loss of local monitoring data, and the uncertain effects of the pandemic on long term traffic levels, no significant conclusion may be drawn at this point. The intention is to review the status of both AQMAs after two more year's monitoring and consider revocation.

As it stands there are no other locations where air quality objectives are being breached within the District, but the challenges of housing and associated growth in infrastructure, and potential for expansion at Luton Airport continue to provide challenges to the management of the local road transport network.

The future priorities for NHDC over the coming year are to continue to deliver sustainable programmes that address both air quality and climate change, particularly in relation to:

- Engaging with key stakeholders throughout NHDC to promote sustainable transport, particularly ULEVs and EVs across the district by promoting measures within Council fleets as an example of good practice
- Delivering a high-profile programme for extending the network of private and public EV charging facilities across the district, following the completion of the Council's EV Strategy
- Providing alternatives to use of private motor vehicles
- Promoting high quality ULEV public transport fleets
- Promoting travel plans and workplace travel plans that prioritise sustainable transport and engage with the public in making smart travel choices.
- Launching the EcoStars programme, designed to promote the uptake of Low Emission vehicles and fleets within local businesses and industry.

Local Engagement and How to get Involved

The potential for the residents and businesses of North Hertfordshire to have a positive impact on air quality is considerable by choosing, where practical, to travel using:

- public transport
- car sharing / car clubs including e-car clubs
- more sustainable private modes of transport (i.e. not petrol or diesel engine vehicles), particularly electric vehicles
- more modern models of petrol and diesel engine vehicles, which emit lower levels of pollution
- walking or cycling

During 2020 the Council has already sought residents' opinions regarding the development of the EV strategy.

Potentially useful sources of further information include:

<https://www.goultralow.com/> = Central Government website about low emission vehicles

<https://www.zap-map.com/live/> = Locations of EV charging points across UK

<http://www.hertsdirect.org/services/transtreets/ltplive/> = HCC Local Transport Plan

In addition, the Hertfordshire and Bedfordshire Air Pollution Notification System is now operational.

By signing up for free at <https://www.airqualityengland.co.uk/local-authority/knr-subscription> the public are notified in advance of periods of moderate, high or very high air pollution in North Hertfordshire. It is hoped that this will increase awareness and encourage behaviours that have a lower adverse impact on local air quality as well as enabling those that are particularly vulnerable to poor air quality to take measures to avoid or mitigate its negative impacts on their health.

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1 Local Air Quality Management

This report provides an overview of air quality in North Hertfordshire during 2020. It fulfils the requirements of Local Air Quality Management (LAQM) as set out in Part IV of the Environment Act (1995) and the relevant Policy and Technical Guidance documents.

The LAQM process places an obligation on all local authorities to regularly review and assess air quality in their areas, and to determine whether or not the air quality objectives are likely to be achieved. Where an exceedance is considered likely the local authority must declare an Air Quality Management Area (AQMA) and prepare an Air Quality Action Plan (AQAP) setting out the measures it intends to put in place in pursuit of the objectives. This Annual Status Report (ASR) is an annual requirement showing the strategies employed by North Hertfordshire 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

Air Quality Management Areas

Air Quality Management Areas (AQMA) are declared when there is an exceedance or likely exceedance of an air quality objective. After declaration, the authority should prepare an Air Quality Action Plan (AQAP) within 12 months setting out measures it intends to put in place in pursuit of compliance with the objectives.

A summary of AQMA declared by North Hertfordshire can be found in Table 2.1. The table presents a description of the two AQMA that are currently designated within North Hertfordshire.

Further information related to declared or revoked AQMA, including maps of AQMA boundaries are available online at <https://www.north-herts.gov.uk/home/environmental-health/pollution/air-quality/air-quality-management-areas-north-hertfordshire>.

A full list of AQMA in England can be found at <https://uk-air.defra.gov.uk/aqma/list>.

Appendix D: Map(s) of Monitoring Locations and AQMA provides maps of AQMA and also the air quality monitoring locations in relation to the AQMA. The air quality objectives pertinent to the current AQMA designations are as follows:

- NO₂ annual mean

The two AQMA within NHDC are in Hitchin, on sections of the A602.

Stevenage Road AQMA (Declared June 2012)

- We propose to retain this AQMA for at least one more year. We will continue monitoring in 2021-2 and complete a review of monitoring locations. If no results are within 10% of objectives, then we will recommend this AQMA should be revoked.

Payne's Park AQMA (Declared January 2017)

- We propose to retain the current AQMA. Continue monitoring following a review of monitoring locations, until results are consistently below 90% of the objective level.

Table 2.1 – 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	Name and Date of AQAP Publication	Web Link to AQAP
AQMA Stevenage Road	29 th June 2012	NO2 Annual Mean	An area encompassing a number of residential properties fronting & located on the south side of Stevenage Road (A602)	NO	41.8µg/m ³	37ug/m ³	Joint Action Plan Stevenage Road & Payne's Park, Hitchin AQMA's Jan-18	https://www.north-herts.gov.uk/home/environmental-health/pollution/air-quality/air-quality-management-areas-north-hertfordshire
AQMA	9 th January 2017	NO2 Annual Mean	An area encompassing one residential property fronting & located on the west side of Park Way (A602) at the Payne's Park roundabout	NO	44.5µg/m ³	24.5ug/m ³ **	Joint Action Plan Stevenage Road & Payne's Park, Hitchin AQMA's Jan-18	https://www.north-herts.gov.uk/home/environmental-health/pollution/air-quality/air-quality-management-areas-north-hertfordshire

☒ NHDC confirm the information on UK-Air regarding their AQMA(s) is up to date

☒ NHDC confirm that all current AQAPs have been submitted to Defra

** Some Diffusion tube results missing used to ratify this AQMA

Progress and Impact of Measures to address Air Quality in North Hertfordshire

Defra's appraisal of last year's ASR concluded the conclusions reached are acceptable for all sources and pollutants. Following the completion of this report, North Hertfordshire District Council should submit an Annual Status Report in 2021.

There were no significant comments recorded, requiring further attention.

NHDC has taken forward several direct measures during the current reporting year of 2020 in pursuit of improving local air quality. Details of all measures completed, in progress or planned are set out in Table 2.2. 23 measures are included within Table 2.2, with the type of measure and the progress North Hertfordshire District Council have made during the reporting year of 2020 presented. Where there have been, or continue to be, barriers restricting the implementation of the measure, these are also presented within Table 2.2.

More detail on these measures can be found in their respective Action Plans.

- Engaging with key stakeholders throughout NHDC to promote sustainable transport, including the Sustainable Travel Town Initiative in Letchworth and Royston. Additionally, promoting ULEVs and EVs across the district by introducing measures within Council fleets as an example of good practice
- Delivering a high-profile programme for extending the network of private and public EV charging facilities across the district, following the completion of the Council's EV Feasibility Study for EV infrastructure in council car parks
- Working with HCC in promoting travel plans and workplace travel plans that prioritise sustainable transport and engage with the public in making smart travel choices.
- Launching the EcoStars programme, designed to promote the uptake of Low Emission vehicles and fleets within local businesses and industry.
- Completing the Cycling and Walking Infrastructure Plan in partnership with HCC for the District. This will identify the main cycling and walking routes across the towns which will help encourage active and safer travel and identify schemes for future funding.

Key completed measures are:

- Car Park EVCI Feasibility Study
- Initial outline plan stage of Sustainable Travel Towns Programme, Councils Car Parks

- 1st round of stakeholder consultation and site inspection for walking and cycling routes
- Installed cycling stands in 4 Towns via the Active Travel Fund
- Introduced demand responsive public transport, serving rural East Hertfordshire

North Hertfordshire District Council expects the following measures to be completed over the course of the next reporting year:

- Progress towards procurement of Electric Vehicle Charging Infrastructure: Stage 1: Council Car Parks in Letchworth, Hitchin and Royston
- The EcoStars programme for promoting ULEVs in the freight and delivery sector in Hitchin
- The Walking and Cycling Strategy (WCS) to identify key schemes for implementation
- The Sustainable Travel Towns programme – to develop a detailed Action Plan with key stakeholders

North Hertfordshire District Council's priorities for the coming year are:

- Adoption of the Local Plan following the Inspectors Report

The principal challenges and barriers to implementation that North Hertfordshire District Council anticipates facing are:

- Uncertainties surrounding funding for key programmes

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

- EcoStars – delayed due to the pandemic lockdown
- WCS – no site inspections possible during pandemic lockdown
- All measures affected to a degree by reduced activities during pandemic lockdown

North Hertfordshire District Council anticipates that the measures stated above and in Table 2.2 will achieve compliance in both AQMA's no later than 2023

Table 22 – Progress on Measures to Improve Air Quality

Measure No.	Measure	Category	Classification	Year Measure Introduced	Estimated / Actual Completion Year	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	Intro to & uptake of ECO Stars scheme in Hitchin industrial estates	Freight and Delivery Management	Delivery & Service Plans / Route Management Plans	2021	2022	Local Authority Environmental Health, Local Authority Transport Dept.	Developers & highway infrastructure funding	NO	Partially Funded	£10k - 50k	Implementation: Due to start November 2021	Reductions in emissions due to take up of ULEVs	Number of companies signed up	Contract signed and arranging start date	Due to start before end of 2021
2	Intro to & uptake of ECO Stars scheme in Hitchin Town Centre	Freight and Delivery Management	Delivery & Service Plans / Route Management Plans	Postponed for the short-medium term	Not actioned	Local Authority Environmental Health, Local Authority Transport Dept.	None	NO	Not Funded	£10k - 50k	On hold	Reductions in emissions due to take up of ULEVs	Number of companies signed up	Option for extension if measure 1 successful	Funding
3	Engage with & promote school travel plans in Hitchin schools	Promoting Travel Alternatives	School Travel Plans	2019	2024	Hertfordshire County Council	LA internally financed	NO	Partially Funded	< £10k	Ongoing. Road safety Officers promote Mode shift Stars travel plans and road safety initiatives across the County	Reduction in private car journeys to school & associated reduction in vehicle emissions	Number of schools with updated Travel Plans & proactively engaging with travel planning	9 schools in the Hitchin area are engaged with the Active and Safer Travel Team and are working on the national on-line Mode shift STARS travel plan. 5 of these are holding an accreditation: Codicote CofE Primary – Bronze Offley Endowed Primary – Silver Whitehill Junior – Bronze The William Ransom Primary – Gold Wymondley JMI – Bronze Registered but not accredited: Hitchin Boys Kimpton Oughton Primary and Nursery Samuel Lucas	Work with Active & Safer Travel Team & contractors & schools to optimise existing or introduce new plans Staff time at both HCC and NHDC Environmental Protection Team to prepare & then implement work programme.
4	Promotion of walking & cycling for commuting in North Hertfordshire	Promoting Travel Alternatives	Promotion of walking and cycling	2019	LCWIP is currently due to be completed in by end of January 2022.	North Hertfordshire Environmental Protection Team & HCC's Active & Safer Travel Team	Local Authority, Funding: Cost neutral relies on existing staff resources	NO	Not Funded	£10k - 50k	Completed	Not defined	Not defined	The Strategic Planning team are currently producing an LCWIP, (Local Cycling and Walking Infrastructure Plan) in partnership with HCC for the District; this will identify the main cycling and walking for future funding. The Active and Safer Travel Team also have dedicated cycle trainers that deliver Bikeability into schools, this is also promoted to all schools throughout the year	Work with NHDC Active Communities Team and HCC's Active & Safer Travel Team to investigate initiatives to promote walking & cycling
4a	Promotion of Walking & Cycling in accordance with COVID 19 Social Distancing Measures	Promoting Travel Alternatives	Promotion of walking and cycling	2020	2021	Hertfordshire County Council Transport	DfT High Street Fund, ERDF Funding,	NO	Funded	£10k - 50k	Completed	Not defined	Not defined	The Local Authority are working together with HCC to introduce social distancing measures for pedestrians in town centres and securing funding to implement cycle racks across all 4 town centres to promote cycling to these key destinations	Continue to work with HCC, and limitations to funding opportunities from Local Govt.
14	Baseline survey state of cycling provision in Hitchin	Transport Planning and Infrastructure	Cycle network	2018	Expected to be addressed by LCWIP, (Local Cycling and Walking Infrastructure Plan) in partnership with HCC for the District	North Hertfordshire Environmental Protection Team & Hertfordshire County Council	Not defined	NO	Not Funded	< £10k	Implementation	Reduced emissions due to modal shift	Numbers of public cycle parking, cycle lanes, cycle hire schemes	Some of this has already taken place but there is more to promote, including routes that have come out of the Active Travel Fund.	None
5	Increasing/improving publicly available re-charging for Electric Vehicles (EV) in car parks	Promoting Low Emission Transport	Procuring alternative refuelling infrastructure	2020-1	2025	North Hertfordshire Environmental Protection Team	Not secured	NO	Not Funded	£50k - £100k	Planning	Reductions in emissions due to take up of ULEVs	Number of EV chargepoints in NHDC car parks	Recently completed a feasibility study on procurement of EV charging in public car parks	Funding and contractual issues for procurement

Measure No.	Measure	Category	Classification	Year Measure Introduced	Estimated / Actual Completion Year	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
6	Increasing/improving publicly available re-charging for on-street EV	Promoting Low Emission Transport	Procuring alternative refuelling infrastructure	Planned 2020-21	2032	Hertfordshire County Council	None	NO	Not Funded	£50k - £100k	Aborted	Reductions in emissions due to take up of ULEVs	Number of on-street EV chargepoints	HCC are developing a Herts EV strategy, which does not support large scale on street charging	Current County Council EV Charging Strategy does not favour on-street EV charging
7	Increasing private availability of recharging infrastructure for Electric Vehicles	Promoting Low Emission Transport	Procuring alternative refuelling infrastructure	2018 onwards	2032	North Hertfordshire Planning Department and Environmental Protection Team	Not defined	NO	Not Funded	£100k - £500k	Planning	Reductions in emissions due to take up of ULEVs	Number of EV chargepoints from private sector	Ongoing	Funding, and ongoing risk to private sector
8	Dedicated parking bays for EVs at charging points	Promoting Low Emission Transport	Priority parking for LEV's	Ongoing	2032	North Hertfordshire Environmental Protection Team and Strategic Planning Team	NHDC	NO	Partially Funded	< £10k	Implementation	Reductions in emissions due to take up of ULEVs	Usage stats for charge points	Standard conditions available & supported by Local Plan Policy & guidance document. Planning permissions being granted with EV infrastructure conditions in place	Significant barriers exist that require collaborative working & experience sharing to overcome. These include financial viability, civil engineering, accessibility & enforcement & health & safety issues
9	NHDC fleet review diesel to low emission vehicles	Promoting Low Emission Transport	Company Vehicle Procurement - Prioritising uptake of low emission vehicles	2019 and ongoing	2022 (ULEVs)	North Hertfordshire District Council	NHDC	NO	Partially covered by reduced fuel costs, remainder subject to annual budget growth bids	£10-£20K	Implementation	Reductions in emissions due to take up of ULEVs	Numbers of ULEV as part of Council Fleet	2 Leased vehicles replaced with ULEVs in 20212 more leased EV vehicles on order for Dec 2021 Quotation being sought for 3 more leased EV vehicles for replacement in 2022	Lease expiry, range and cost. Availability of EV charging points within Council car parks across the district.
10	Establish legal status of anti-idling provision (S.42 Road Traffic Act 1988) & application by NHDC	Traffic Management	Anti-idling enforcement	Not actioned	N/A	North Hertfordshire Environmental Protection Team and Strategic Planning Team	NHDC	NO	Not defined	Not defined	Not Actioned	Reduction in emissions due to idling	N/A	No current progress	Local budget to enable enforcement actions
11	Review on-street parking designation & enforcement at Stevenage Road & Upper Tilehouse Street	Traffic Management	Parking Enforcement on Highway	2019	2020-21	North Hertfordshire Environmental Protection Team and Strategic Planning Team	Not defined	No	Not defined	Not defined	Not Actioned	Changes to parking controls & enforcement activity. Reduced queuing	Not defined	Not progressed due to lack of reaching a suitable consensus amongst residents	Not defined
12	Hitchin Industrial Estate Connectivity/ Relief Road	Transport Planning and Infrastructure	Strategic Highway Improvement	Not yet actioned	Not Actioned	Hertfordshire County Council	Not defined	No	Not defined	Not defined	Included in the draft North Hertfordshire Growth and Transport Plan yet to be formally adopted (anticipated end 2021)	Reduction in numbers of HGV passing through AQMAs	Numbers of HGV passing through AQMAs	The scheme is identified as a package in the HCC draft North Central Growth Transport Pan. This scheme is to be investigated as part of the A505 corridor study, which will include an assessment of the movement of commercial vehicles to/from the industrial estate to better understand the needs for potentially additional accesses for all users.	Subject to further investigation by HCC, and funding options to be considered.
13	Engage with Herts CC on development of LTP4 & Local Growth & Transport Plan	Traffic Management	Strategic highway improvements, Re-prioritising road space away from cars, including Access management, Selective vehicle priority, bus priority, high vehicle occupancy lane	2017	2021	North Hertfordshire Environmental Protection Team via Hertfordshire County Council	LTP = 2018/19 & GTP = 2019	No	Via LTP/GTP	Not defined	County Council have a tool to prioritise projects over the entire county.	Not defined	Not defined	Consultation responses have strengthened presence of Air Quality as an issue and the importance of mitigation and benefits of specific projects including some relevant to Hitchin in the LTP. North Central Hertfordshire area GTP was out for consultation in Summer 2019 early 2020	NHDC is only able to influence decision making by way of representation and provision of data. NHDC projects may not be prioritised on a county wide basis.

Measure No.	Measure	Category	Classification	Year Measure Introduced	Estimated / Actual Completion Year	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
15	Workplace & School based car sharing including consideration of preferential parking	Alternatives to private vehicle use	Car & lift sharing schemes	2019	Ongoing	North Hertfordshire Environmental Protection with Hertfordshire County Council Travel Planning Team	Not defined	No	Not defined	Not defined	Informal car share for schools. Workplace and Residential Carshare promoted in Travel Plan Guidance	Not defined	Engagement by schools and businesses	Schools encouraged to consider promotion of car sharing between parents/carers where practicable. Linked directly to Measure 3	Lift share no longer promoted at County level due to safeguarding issues. Carsharing not actively promoted.
16	Car clubs for new developments	Alternatives to private vehicle use	Car & lift sharing schemes	2018	Not defined	North Hertfordshire Environmental Protection with Hertfordshire County Council Travel Planning Team	Developer contributions from Planning Conditions	No	Not defined	Not defined	Ongoing	Not defined	Prevalence of car clubs in North Herts & number of Travel Plans with Car Clubs specified by condition	Standard conditions available & supported by Local Plan Policy & guidance document. Planning permissions being granted with Travel Plans in place	Co-operation from developers
17	Participate in National Clean Air Day	Public Information	Via the Internet	Ongoing annual event	Ongoing	Hertfordshire County Council and North Hertfordshire District Council	Funded by Herts and Beds air Quality Group of Local Authorities	No	Ongoing	Not defined	Focus on uptake of Air Pollution Notification System	Not defined	Increased uptake of the Air Pollution Notification System	Ongoing since 2019	Postponed in 2020 due to pandemic
18	Air Quality Notification System	Public Information	Air Pollution Alert	2018	Ongoing	North Hertfordshire DC, other Herts local authorities & Herts County Council Public Health	LAs in Herts, HCC, Public Health	No	Ongoing	Set-up cost £1122.73 annual cost £113.64	Ongoing	Not defined	Number of participants in scheme. 116 signed up	AQ alert launched 2019. Consideration of future projects to increase uptake with communications campaign.	Ability to get sign up will depend on access to vulnerable and interested groups and therefore publicity and support from partners.
19	Reducing emissions from public transport	Vehicle Fleet Efficiency	Vehicle Retrofitting programmes	No progress	None	North Hertfordshire District Council & Herts CC & bus companies	Not defined	No	Not defined	Not defined	Ongoing	NO2 reduction of 0.009g/km per Euro 5 bus	Number of buses retrofitted	Intalink Enhanced Partnership between HCC, Districts and public transport operators, managed by HCC https://www.hertfordshire.gov.uk/media-library/documents/highways/transport-planning/local-transport-plan-live/intalink-enhanced-partnership-plan-and-scheme-feb-2020.pdf	Engagement with transport operators
20	Engage with schools to raise awareness of air pollution	Public Information	Other	2020 onwards	Ongoing	North Hertfordshire in liaison with Herts CC Active & Safer Travel Team	Not defined	No	Not defined	Not defined	Ongoing	Not defined	Number of schools in Hitchin utilising the Air Pollution teaching toolkit	Air Quality for Schools Toolkit Resources are uploaded to the Herts Grid for learning. Codicote School was approached in the June to take part in our targeted Anti – Idling Campaign. The school displayed the recyclable Anti – Idling boards for half a term and shared the animation with their staff, parents and pupils. The Anti-Idling video https://youtu.be/S9myTtxrZ-s 10 schools in Hitchin registered for our Walk to School Week and Clean Air Day campaigns, reaching 2,259 pupils	Toolkit is available needs to be effectively publicised within North Hertfordshire and need to have funding available to encourage its uptake
21	Local Plan Policy and Air Quality Planning Guidance Document	Policy Guidance and Development Control	Air Quality Planning and Policy Guidance	Delivered 2018	2018	North Hertfordshire's Environmental Protection and Planning Teams	NHDC	No	Completed	Not defined	Completed, in active use	Not defined	Recommendations for developers to include EV charging	Ongoing. It is actively used for all relevant planning applications	Planning consultations need to be continually responded to, to ensure developments are appropriate and mitigation is implemented
22	Herts & Beds Air Quality Forum including Public Health, Transport Planners & Development Control representation	Policy Guidance and Development Control	Regional Groups Co-ordinating programmes to develop Area wide Strategies to reduce emissions and improve air quality	Ongoing	Ongoing	Hertfordshire and Bedfordshire Local Authorities	NHDC	No	Ongoing from local budgets	Not defined	Ongoing	Not defined	County-wide initiatives and joint working on bids and projects	Active & well-established Forum, regular meetings.	Participation from Local Authority partners with County Council

PM_{2.5} – Local Authority Approach to Reducing Emissions and/or Concentrations

As detailed in Policy Guidance LAQM.PG16 (Chapter 7), local authorities are expected to work towards reducing emissions and/or concentrations of PM_{2.5} (particulate matter with an aerodynamic diameter of 2.5µm or less). There is clear evidence that PM_{2.5} has a significant impact on human health, including premature mortality, allergic reactions, and cardiovascular diseases.

North Hertfordshire District Council is taking the following measures to address PM_{2.5}:

- Continuation of the effective partnership working arrangements with Hertfordshire County Council Public Health that have been in place since 2014/15. This has occurred as a result of three key drivers:
 - Increased evidence and awareness of the harm from exposure to PM_{2.5}
 - The transfer of central government funding from a central public health body to County Councils
 - The existence of the Public Health Outcome Indicator (PHOI) for the fraction of mortality attributable to particulate air pollution measured as fine particulate matter PM_{2.5} (PHOI 3.01).

The outcomes of this work resulted in the formation of an Air Quality (Public Health) Planning Group. The group now operates as a task and finish group for particular air quality projects with the routine engagement and information sharing taking place within the meetings of the Hertfordshire and Bedfordshire Air Quality Forum.

- Access to Public Health funding for each of the ten Hertfordshire Local Authorities enabled North Hertfordshire District Council to purchase and establish a PM_{2.5} Beta Attenuation Measurement (BAM) Real-Time Analyser in its area. The analyser is located within the Stevenage Road, Hitchin Air Quality Management Area in the expectation that this location represents a worst-case measurement of PM_{2.5} concentrations within North Hertfordshire.

2020 represents the fourth full year of PM_{2.5} monitoring within North Hertfordshire and the data are included within this report.

The provision of monitoring equipment was considered a priority because it was identified that there was no actual baseline data available within Hertfordshire. So, the validity of the modelled value for the PHOI for Hertfordshire and its Local Authorities could not be judged nor subsequent changes measured.

- The North Hertfordshire District Council Environmental Protection Officer is responsible for preparing an annual report on PM_{2.5} monitoring across Hertfordshire

for Hertfordshire County Council's Public Health. The report based on the 2017 data is published at <http://www.airqualityengland.co.uk/local-authority/hnb-reports>

North Hertfordshire District Council has not yet identified any measures targeted specifically at reducing PM_{2.5} and it is considered unlikely that any such measures will be identified over the coming years. Instead, and in line with Technical Guidance LAQM.TG16 it is anticipated that:

- Measures to reduce emissions of NO_x by encouraging a move away from internal combustion engine vehicles to ultra-low emission vehicles (ULEV) will reduce PM_{2.5} emissions from exhausts
- Measures to reduce road travel altogether will reduce PM_{2.5} emissions from brake and tyre wear and dust re-suspension.

The above is considered the most pragmatic and viable approach and it has also taken into account how North Hertfordshire ranks in terms of PHOI alongside other areas of Hertfordshire and Bedfordshire (Table 2.3).

North Hertfordshire District Council has Smoke Control Areas designated in Letchworth Garden City, which date from the 1960s.

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

This section sets out the monitoring undertaken within 2020 by North Hertfordshire District Council, and how it compares with the relevant air quality objectives. In addition, monitoring results are presented for a five-year period between 2016 and 2020 to allow monitoring trends to be identified and discussed.

Summary of Monitoring Undertaken

3.1.1 Automatic Monitoring Sites

North Hertfordshire District Council undertook automatic (continuous) monitoring at 2 sites during 2020. Table A.1 in Appendix A shows the details of the automatic monitoring sites. Table A3, Appendix A, presents automatic monitoring results for North Hertfordshire District Council, 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.

3.1.2 Non-Automatic Monitoring Sites

North Hertfordshire District Council undertook non- automatic (i.e. passive) monitoring of NO₂ at 48 sites during 2020. 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 Quality Assurance/Quality Control (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.

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.

3.1.3 Nitrogen Dioxide (NO₂)

Table A.3 and Table A.4 in Appendix A compare the ratified and adjusted monitored NO₂ annual mean concentrations for the past five years with the air quality objective of 40µg/m³. 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 2020 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 NO₂ hourly mean concentrations for the past five years with the air quality objective of 200µg/m³, not to be exceeded more than 18 times per year.

The following figures F3.1 and F3.3 show trend data for AQMA monitoring sites without corrections for distance.

Figure 3.2 highlights the application of distance corrections as applied to the two monitoring sites in the Stevenage Road AQMA that are furthest from the roundabout.

Overall, within the AQMA, there are 6 monitoring points, one automatic site and 5 additional diffusion tube points. In 2020, all sites showed reductions, with no results above objective levels, reflecting the reduced traffic levels during the pandemic.

When corrected for distance, there are no monitoring results within the Stevenage Road AQMA above, and a single result (NH1) within 10% of the AQ objective.

On this basis continued monitoring for 2021 and 2022 is proposed until all results remain less than 90% of objective levels.

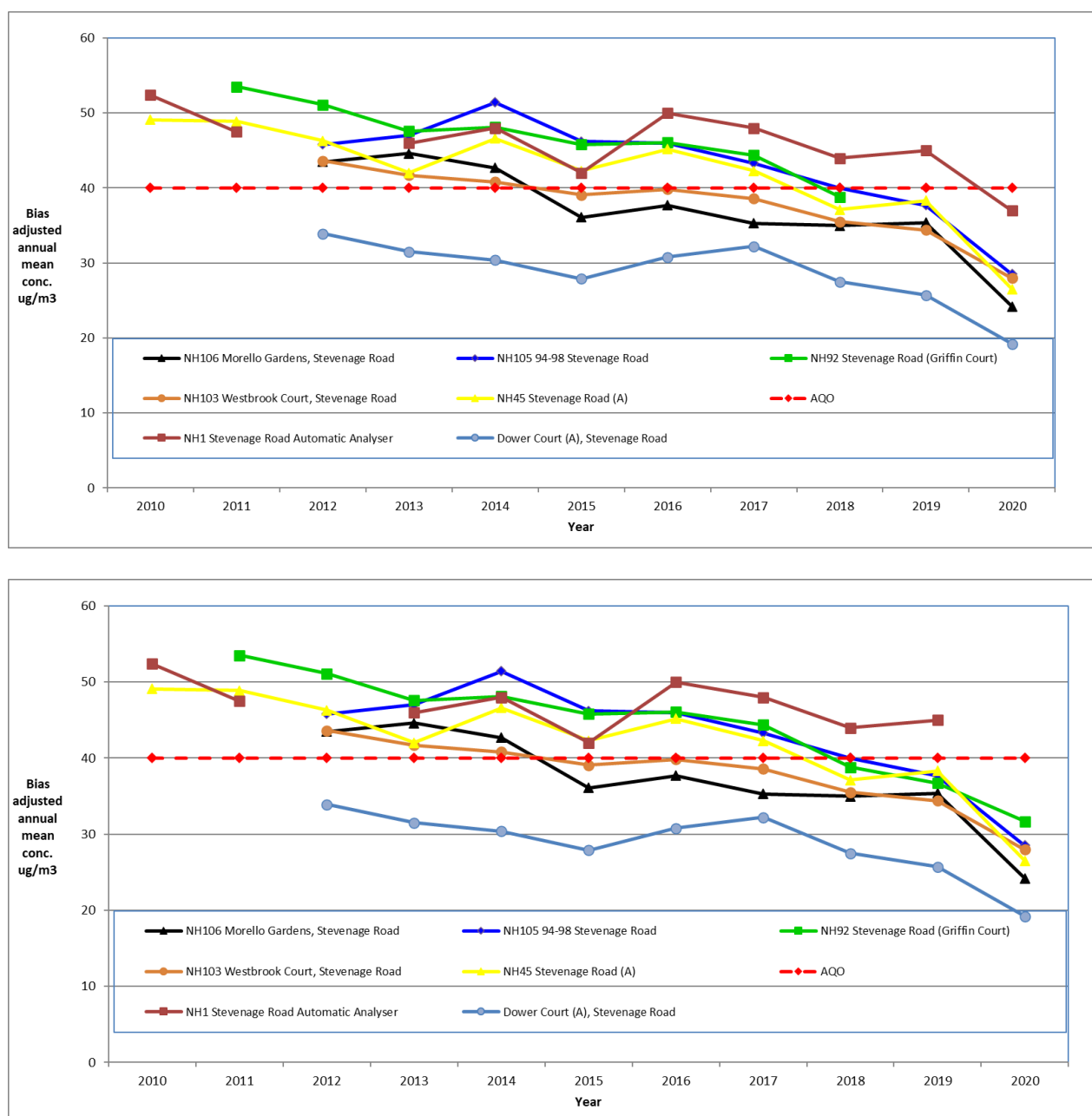


Figure 3.1: Trends in NO₂ concentrations at monitoring sites (all except NH106) located within the AQMA at Stevenage Road, Hitchin

The continued trend in reductions of monitored pollution levels at two sites, previously showing exceedances are highlighted in Figure 3.2 below. These results are now significantly below objective levels.

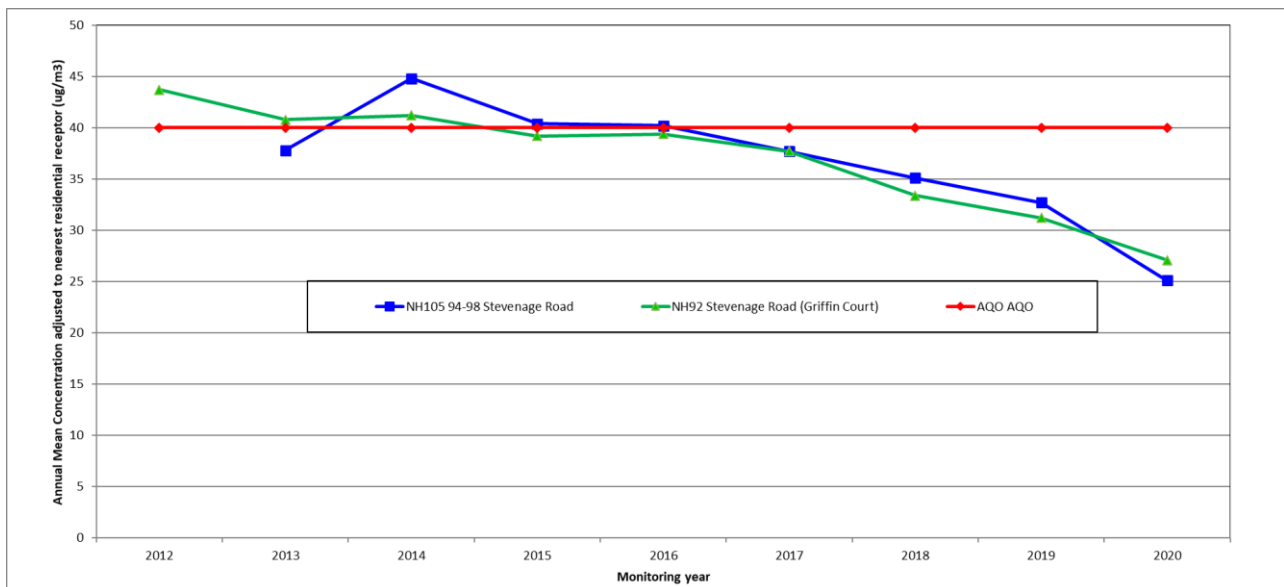


Figure 3.2: Trends in NO₂ concentrations monitored at NH105 and NH92 adjusted to be relevant to the nearest residential receptors

Figure 3.3 below, highlights trends for monitoring results within the Payne's Park AQMA up to 2019. The most recent results all highlight the continued trend of reductions in monitored levels of pollution at all sites, however, there has been a loss of some diffusion tube data for 2020, thus these results are not conclusive.

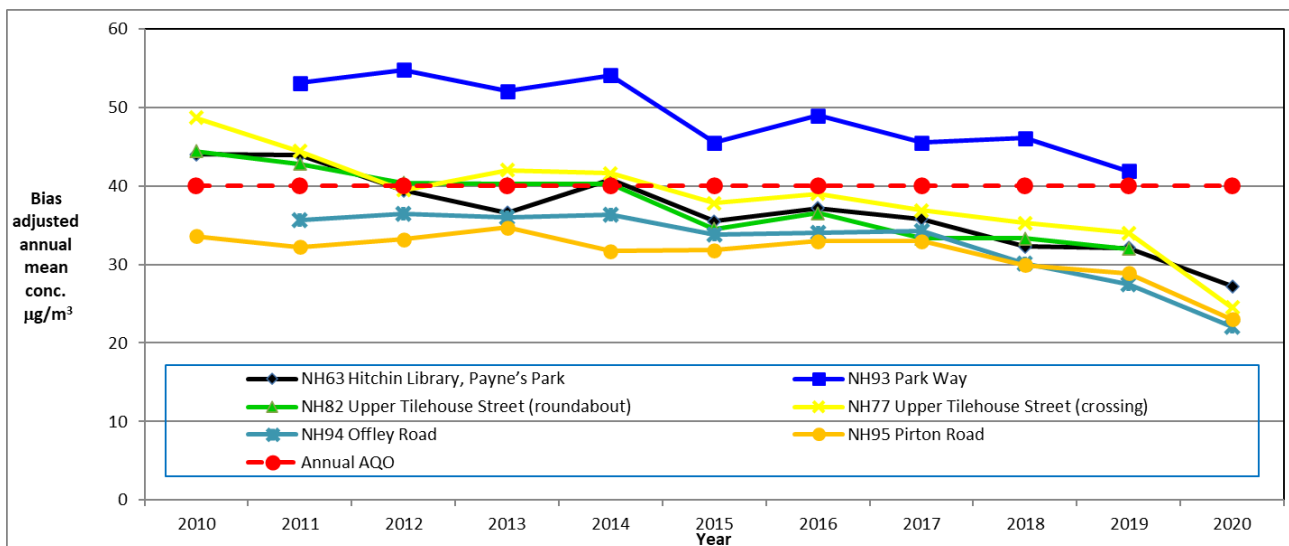


Figure 3.3: Trends in NO₂ concentrations at monitoring sites at Payne's Park, Hitchin

The monitoring site NH93, remains the critical receptor as representative of the only residential dwelling within the AQMA at 41 Upper Tilehouse Street. Due to loss of data during 2020 no result can be reported for 2020. The recent results to 2019 for NH93 (prior to distance correction) are illustrated below in Figure 3.4).

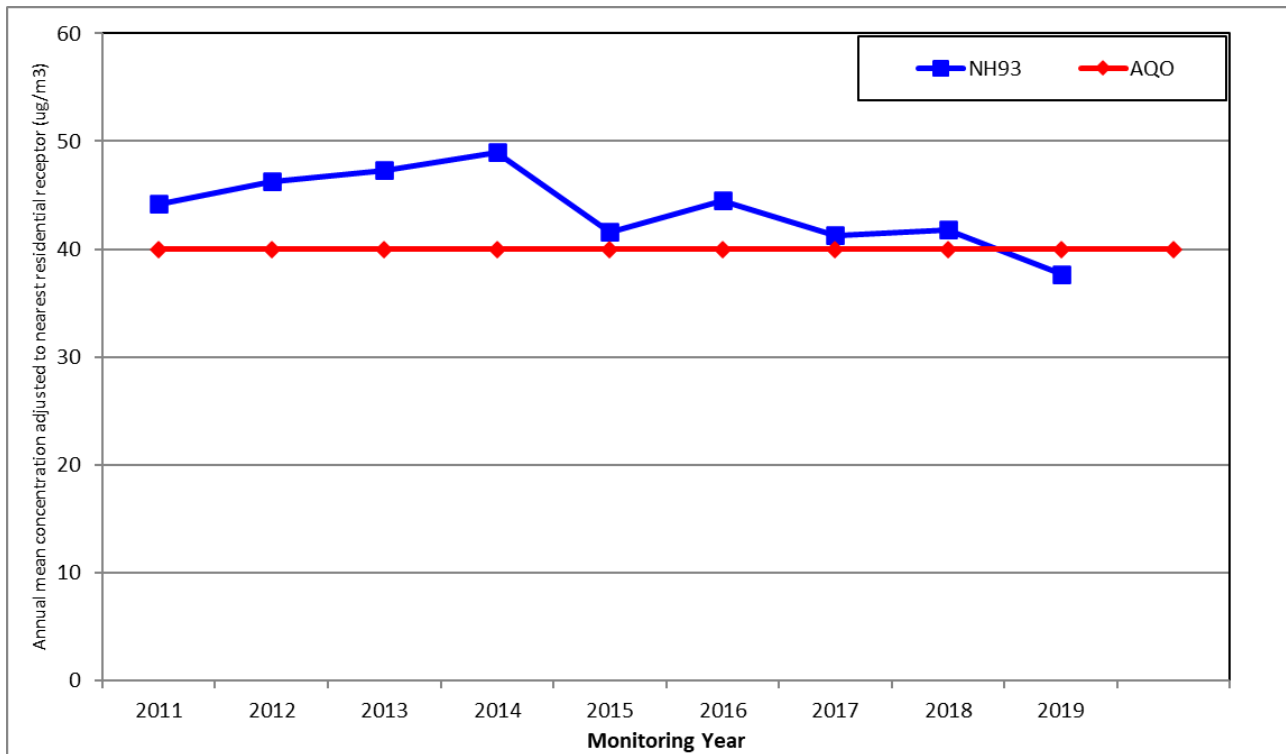


Figure 3.4: Trends in NO₂ concentrations monitored at NH93 adjusted to be relevant to the nearest residential receptor (41 Upper Tilehouse Street).

Figure 3.5 below highlights the continuing trend in reductions in monitored pollution levels at monitoring site NH93.

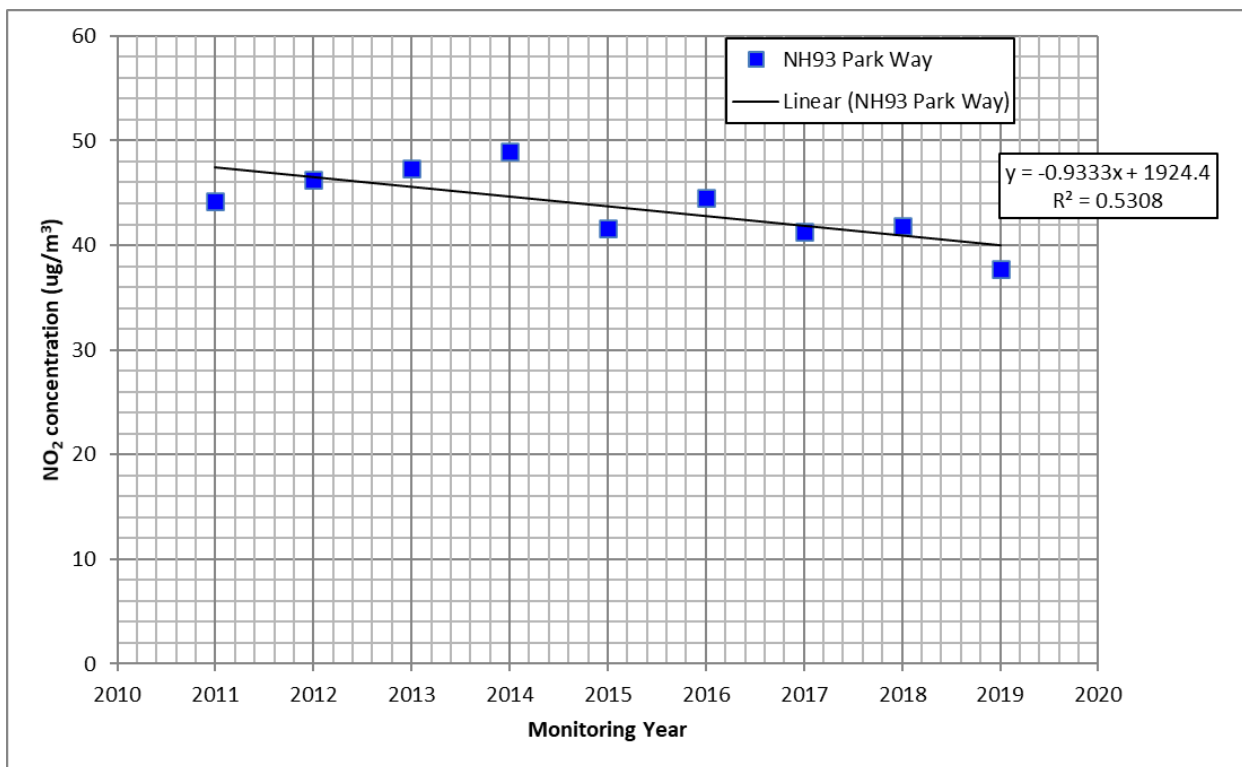


Figure 3.5: Trend-line for NO₂ concentrations as calculated at 41 Upper Tilehouse Street

An extrapolation of trend results for NH93 is shown below in Figure 3.6, highlighting that if this trend continues the results for NH93 are expected to be below 90% of objective levels for 2020. (No result was recorded for 2020)

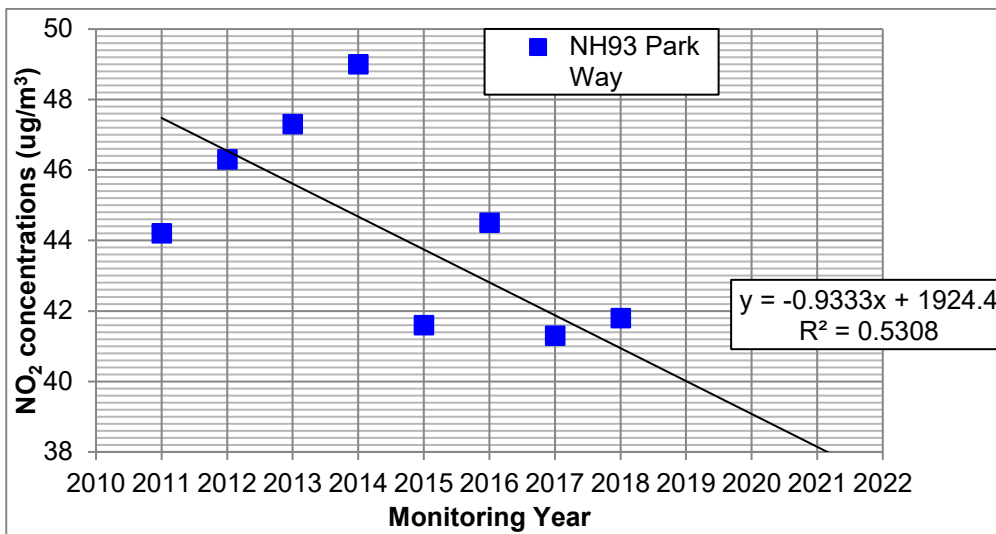


Figure 3.6: Predicted change in NO₂ concentrations at 41 Upper Tilehouse Street based on extrapolation of eight years of monitoring

The following figures 3.7-3.10 provide updated trends in traffic data for monitoring points closest to each AQMA. Traffic count data from DfT is available for years up to 2020.

For the Stevenage Road AQMA, and the Payne's Park AQMA, traffic data for the A602 shows a significant reduction for 2020, compared to the previous years.

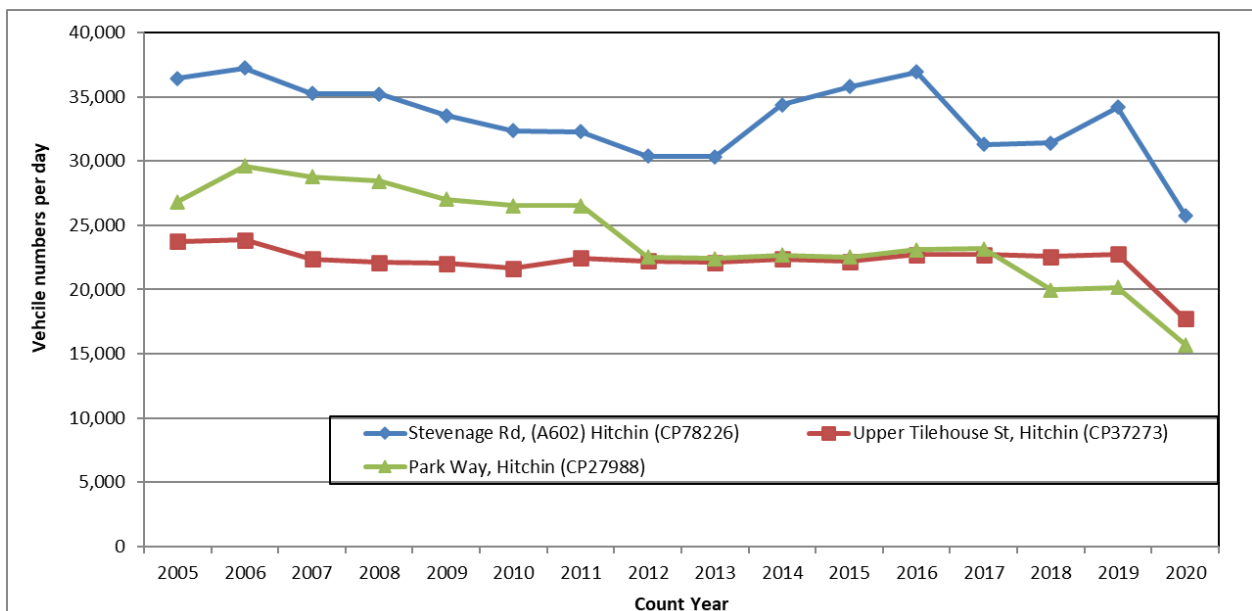


Figure 3.7: Trends in road traffic counts at the three DfT count points closest to the Stevenage Road AQMA and Payne's Park AQMA in Hitchin

Figures 3.8-3.10 below provide a breakdown of vehicle counts by vehicle categories for the three sites reported above and show the trend in closest pollution monitoring data within each AQMA.

The A602 data representative of traffic through AQMA1, the Stevenage Road AQMA highlights a significant reduction in recent traffic counts with a reduction in monitored pollution levels in 2020.

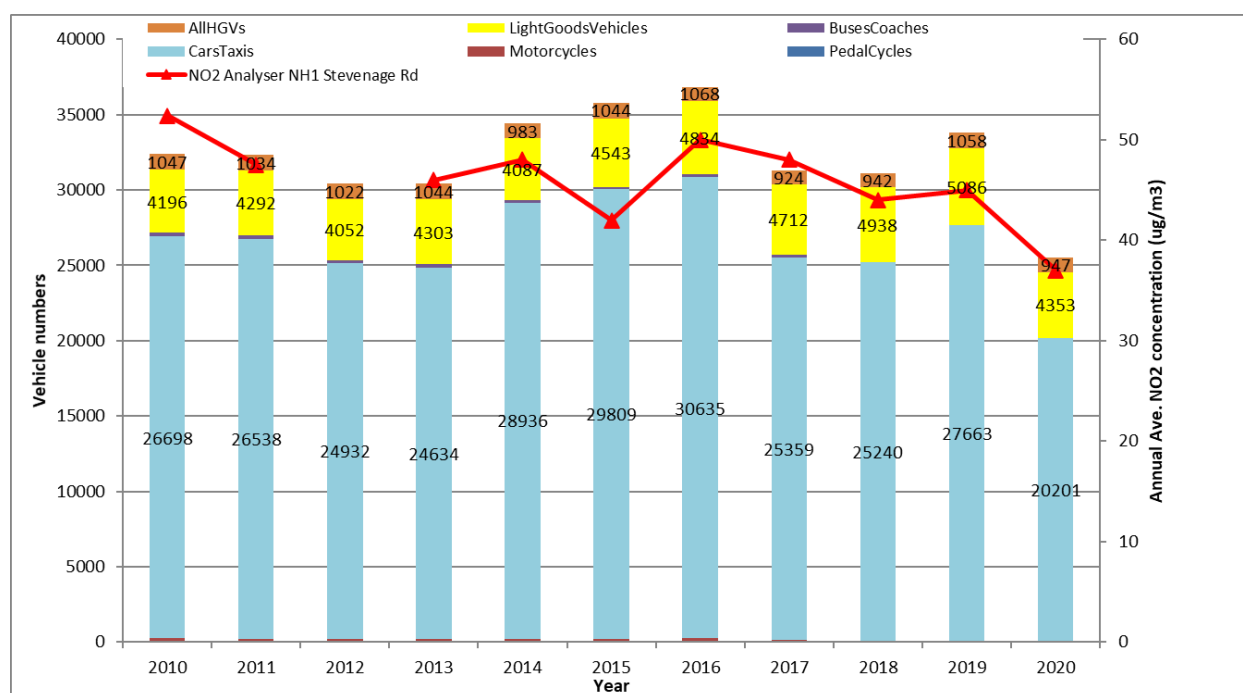


Figure 3.8: Road traffic counts at DfT point 78226 within the Stevenage Road AQMA Hitchin compared to mean annual average NO₂ measured by the automatic analyser (red line)

The following figures 3.9-3.10 show detailed traffic data representative of the Payne's Park AQMA, alongside monitored pollution levels within the AQMA. The recent traffic data for Park Way highlights a reduction in annual traffic flows, with no monitoring result for 2020. The results in Figure 3.10 confirm the traffic reductions for Upper Tilehouse Street with an associated reduction in pollution levels nearby. However, it is likely that local pollution levels within the AQMA are significantly influenced by localised congestion, independent of total traffic flows.

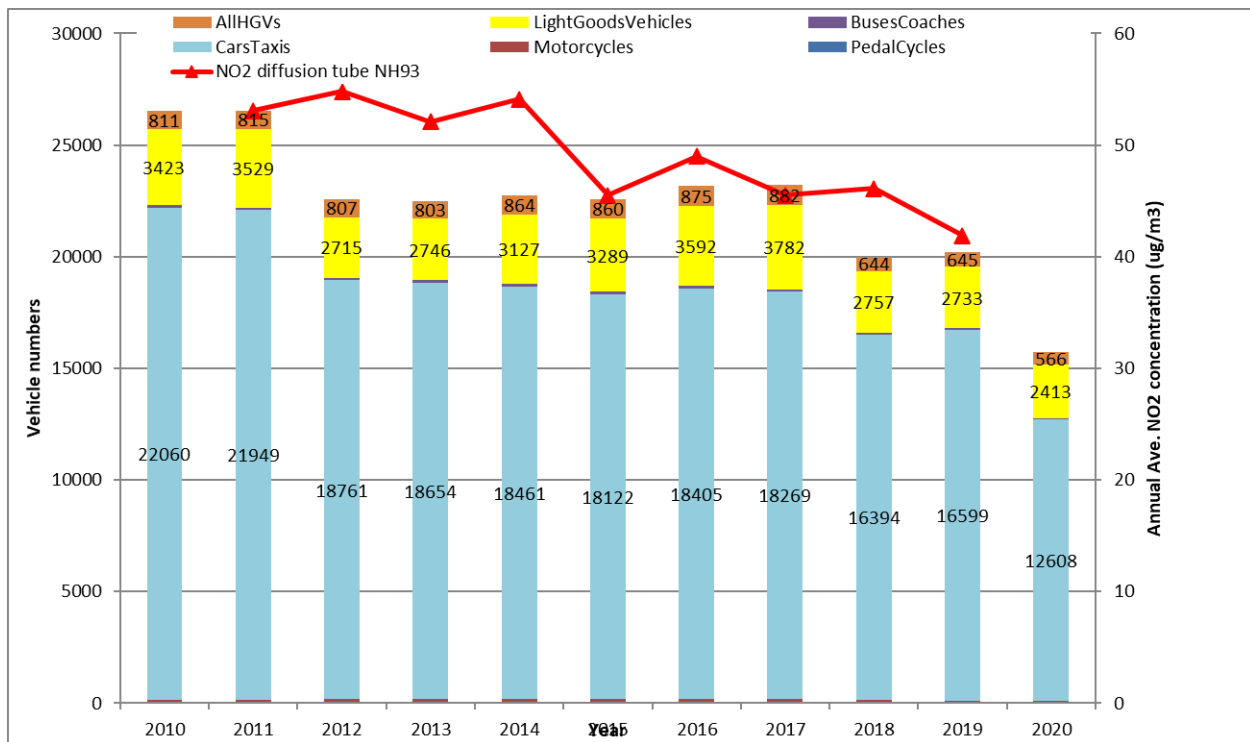


Figure 3.9: Road traffic counts at DfT point 27988 at Park Way, Hitchin compared to the mean annual average NO₂ measured by diffusion tube NH93

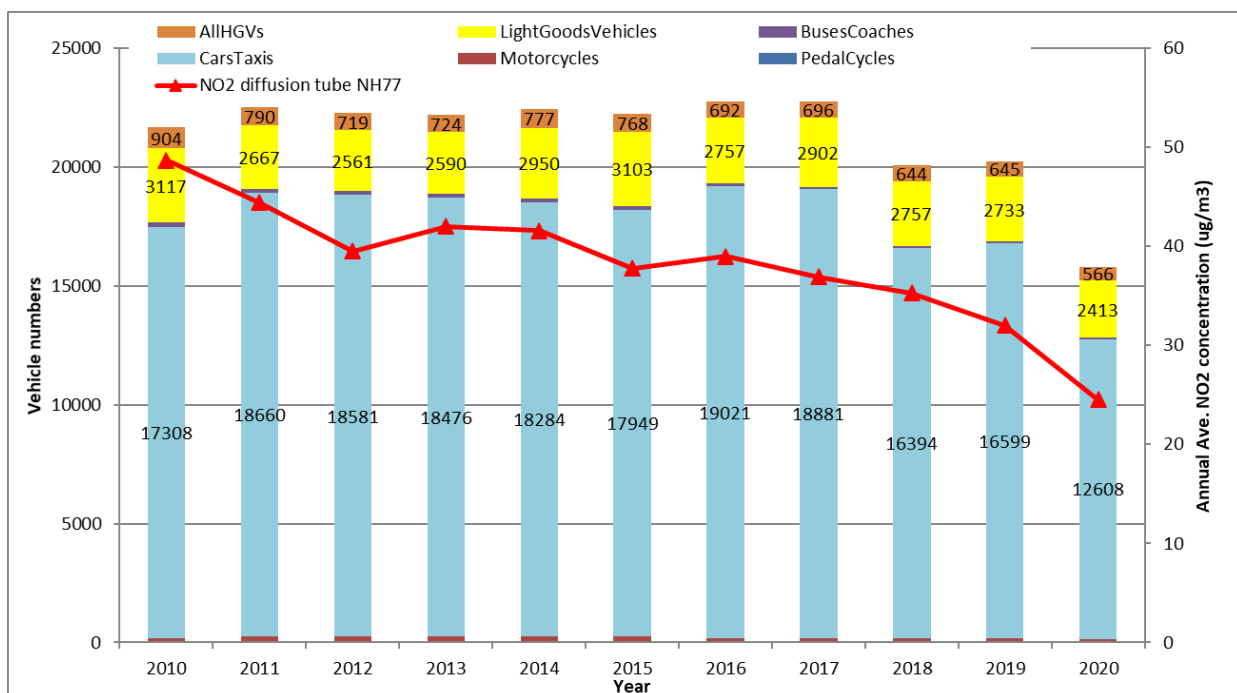


Figure 3.10: Road traffic counts at DfT point 37273 at Upper Tilehouse Street, Hitchin compared to the mean annual average NO₂ measured by diffusion tube NH77

Another area of local significance is Baldock, and trends in recent air pollution monitoring data for sites in Baldock are shown below in Figure 3.11. The most recent monitoring data for 2020, continues to confirm recent trends of reductions in pollution levels at all

monitoring sites in Baldock, with no result available for site NH93, (within the AQMA), previously being above objective levels, (before correcting for distance to relevant exposure).

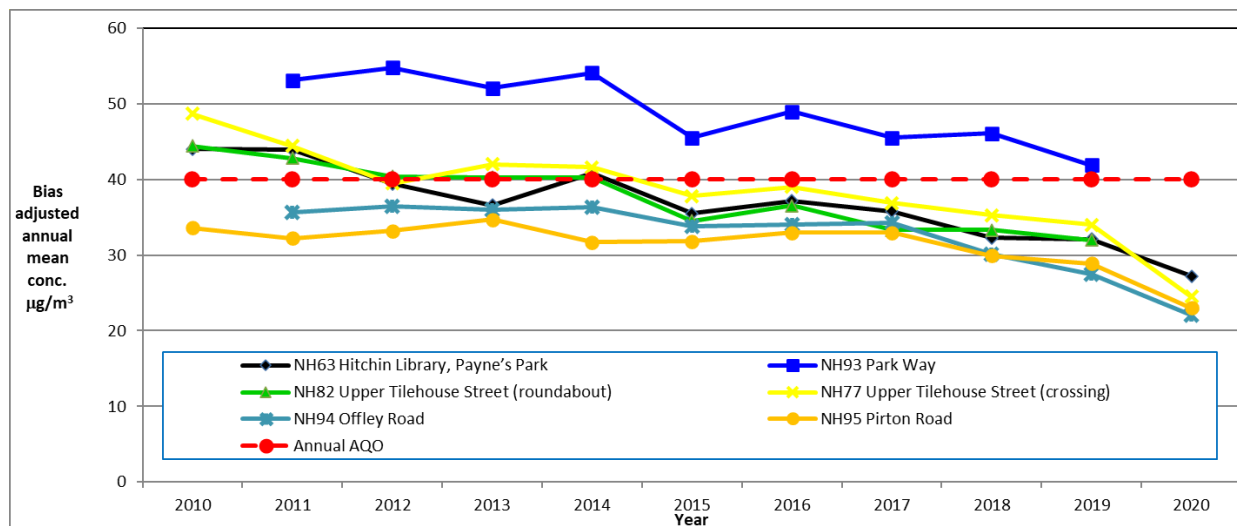


Figure 3.11: Trends in NO₂ concentrations at monitoring sites in Baldock

3.1.4 Particulate Matter (PM₁₀)

Table A.6 in Appendix A: Monitoring Results compares the ratified and adjusted monitored PM₁₀ annual mean concentrations for the past five years with the air quality objective of 40µg/m³.

Table A.7 in Appendix A compares the ratified continuous monitored PM₁₀ daily mean concentrations for the past five years with the air quality objective of 50µg/m³, not to be exceeded more than 35 times per year.

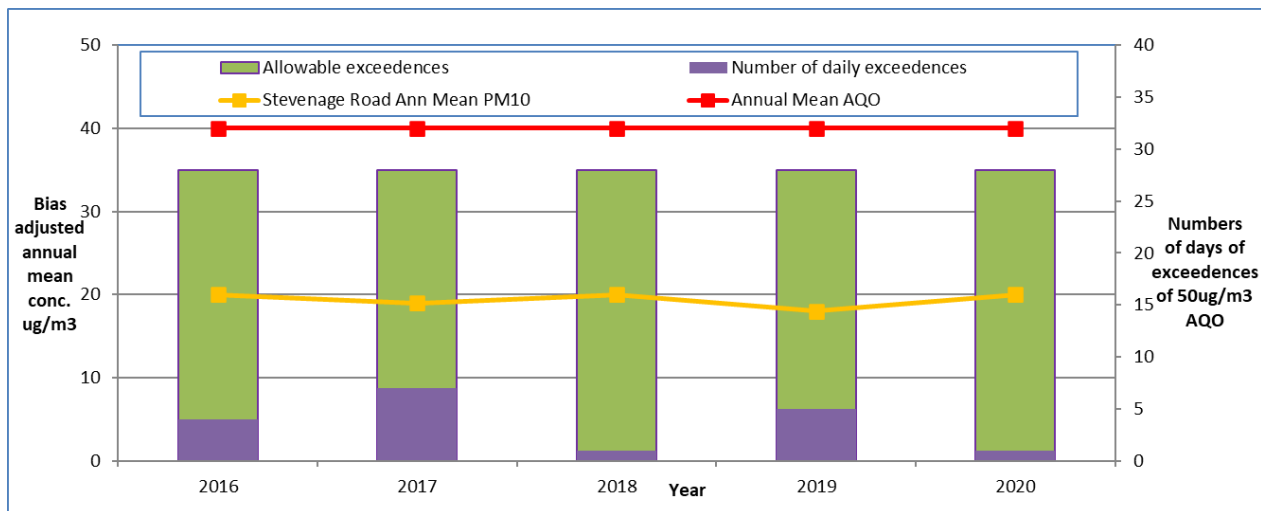


Figure 3.12: PM₁₀ concentrations measured at Stevenage Road, Hitchin

2020 was the fifth full year of PM₁₀ monitoring at the Stevenage Road location. The data from all five years are displayed in Figure 3.12 and show that the mean average concentrations for all years were below the 40µg/m³ AQO. The number of daily exceedences of the 50µg/m³ AQO are also shown in Figure 3.12 as displayed with the number of allowable exceedences in a calendar year, confirming there are no exceedences of any objectives for PM₁₀, based upon results of continuous monitoring.

3.1.5 Particulate Matter (PM_{2.5})

Table A.8 in Appendix A presents the ratified and adjusted monitored PM_{2.5} annual mean concentrations for the past five years.

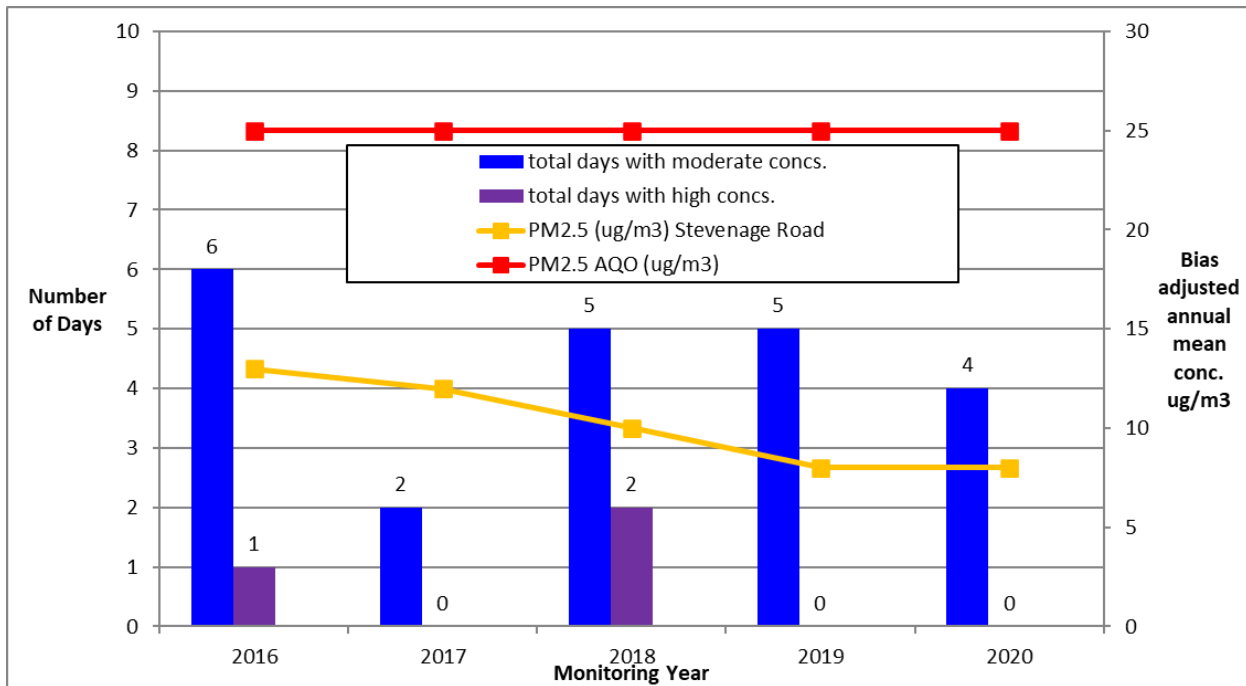


Figure 3.13: PM_{2.5} concentrations measured at Stevenage Road, Hitchin

2019 was the fifth full year of PM_{2.5} monitoring at the Stevenage Road location. The data displayed in Figure 3.13 above show that the mean average concentrations for each year continue below the non-statutory target value of 25µg/m³. The number of days when moderate and high (as defined by the Defra Daily Air Quality Index) concentrations of PM_{2.5} were measured is also displayed in Figure 3.13. There is no limit or objective in place specifying how many, if any, days of exceedences of a given PM_{2.5} concentration are allowed. The annual mean concentrations continue to exhibit a trend of falling values, significantly below objective levels.

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) ⁽¹⁾	Distance to kerb of nearest road (m) ⁽²⁾	Inlet Height (m)
NH1	Stevenage Road NOx	Roadside	518740	228348	NO2	YES	Chemiluminescent	11	2	1.5
NH2	Stevenage Road PM	Roadside	518713	228349	PM10, PM2.5	YES	TEOM, BAM	19	2	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) ⁽¹⁾	Distance to kerb of nearest road (m) ⁽²⁾	Tube Co-located with a Continuous Analyser?	Tube Height (m)
NH06	Melbourn Road, Opposite Town Hall, Royston	Roadside	535906	240794	NO2		7.0	1.1	No	2.1
NH45	Stevenage Road A, Hitchin	Roadside	518708	228347	NO2	AQMA1	19.0	2.0	No	2
NH59	(NH04a) Clothall Road, Baldock	Roadside	524649	234061	NO2		11.0	3.0	No	2
NNH60	(NH13a) Willian Road, Hitchin	Roadside	519916	230099	NO2		29.0	1.1	No	2
NH61	(NH53a) Whitehorse Street, Baldock (nr town hall)	Roadside	524428	233882	NO2		35.0	2.0	No	2.1
NH63	(NH02a) Library Hitchin	Roadside	518160	229092	NO2	AQMA2	30.0	3.5	No	2
NH67	Cadwell Court, Hitchin	Roadside	519225	230553	NO2		12.0	2.0	No	2.1
NH127	64 Grove Road, Hitchin	Roadside	518821	229993	NO2		0.0	7.0	No	2
NH72	Opp Rose Crown, Whitehorse Street, Baldock	Roadside	524502	233948	NO2		27.0	2.0	No	2
NH103	Westbrook Court, Hitchin	Roadside	518773	228342	NO2	AQMA1	10.0	2.4	No	2
NH77	Upper Tilehouse Street, Hitchin (traffic lights)	Roadside	518006	229032	NO2	AQMA2	5.0	1.5	No	2

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) ⁽¹⁾	Distance to kerb of nearest road (m) ⁽²⁾	Tube Co-located with a Continuous Analyser?	Tube Height (m)
NH82	Upper Tilehouse Street, Nr Roundabout	Roadside	518129	229065	NO2	AQMA2	7.0	1.5	No	2
NH87	11 Stevenage Road, Hitchin	Roadside	518731	228362	NO2		0.0	15.0	No	1.9
NH88	Church St, Baldock (Opp. Town Hall)	Kerbside	524448	233898	NO2		13.0	0.5	No	2
NH89	London Road, Hitchin	Roadside	518706	228293	NO2		20.0	1.9	No	2
NH91	St John's Road, Hitchin	Roadside	518656	228406	NO2		5.0	7.9	No	2.1
NH92	Stevenage Road (Griffin), Hitchin	Roadside	518872	228305	NO2	AQMA1	5.0	2.0	No	2
NH93	Park Way, Hitchin	Roadside	518130	229036	NO2	AQMA2	3.0	1.6	No	1.8
NH94	Offley Road, Hitchin	Roadside	517915	228967	NO2		7.0	2.3	No	2
NH95	Pirton Road, Hitchin	Roadside	517886	228975	NO2		22.0	1.3	No	2
NH98	Walsworth/Radcliffe Road, Hitchin	Roadside	519080	229510	NO2		4.0	1.5	No	2
NH99	Nightingale Road, Hitchin	Roadside	518953	229786	NO2		5.0	1.7	No	2
NH108	Hitchin - Hermitage Road (97)	Roadside	518534	229302	NO2		3.0	0.8	No	2
NH104	Dower Court (A), Stevenage Road, Hitchin	Roadside	518757	228334	NO2	AQMA1	0.0	3.3	No	1.8
NH105	94-98 Stevenage Road, Hitchin	Roadside	519067	228255	NO2	AQMA1	7.0	3.5	No	2.1

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) ⁽¹⁾	Distance to kerb of nearest road (m) ⁽²⁾	Tube Co-located with a Continuous Analyser?	Tube Height (m)
NH106	Morello Gardens, Stevenage Road, Hitchin	Roadside	519250	228218	NO2		5.0	1.4	No	2
NH107	Whitehill Road, Hitchin	Roadside	518720	228335	NO2		26.0	2.3	No	2
NH110, NH111, NH112	Stevenage Road, AQ Analyser 3, Hitchin	Roadside	518740	228348	NO2	AQMA1	11.0	2.0	Yes	1.2
NH114	Old Park Road, Hitchin (number 20)	Roadside	518150	229160	NO2	AQMA2	0.0	2.5	No	2.1
NH115	Old North Road, Royston	Roadside	535373	241466	NO2		9.0	1.0	No	1.9
NH116	6 Horseshoe, Park Street, Hitchin	Roadside	518492	228669	NO2		0.0	2.4	No	1.8
NH117	Hitchin - Fishponds Road	Roadside	518278	229752	NO2		0.0	3.3	No	2
NH119	High Street (125) Codicote	Roadside	521767	218110	NO2		0.4	1.1	No	2
NH120	Five House Farmhouse Sandon Rd, Therfield	Rural	533805	233823	NO2		11.4	1.2	No	1.9
NH121	1 Hadrians Way, Baldock	Roadside	523849	233497	NO2		5.0	11.0	No	2
NH122	29 Hopewell Rd, Baldock	Roadside	523917	233917	NO2		7.0	1.5	No	2
NH123	Dunkerley Ct, LGC	Roadside	522289	232985	NO2		0.0	5.3	No	2
NH124	82 Bedford Rd, LGC	Roadside	520967	233073	NO2		13.0	3.2	No	2
NH125	11 Luton Rd, Cockernhoe	Rural	512486	223251	NO2		9.0	3.0	No	2

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) ⁽¹⁾	Distance to kerb of nearest road (m) ⁽²⁾	Tube Co-located with a Continuous Analyser?	Tube Height (m)
NH128	57 Codicote High Street	Roadside	521497	218415	NO2		9.0	1.2	No	2
NH129	119 London Road, Knebworth	Roadside	525205	220142	NO2		1.5	2.3	No	2
NH130	Opp Old White Horse, Station Rd, Baldock	Roadside	524597	234119	NO2		6.0	1.5	No	2
NH131	The Clock House, Turnpike Lane, Ickleford	Kerbside	518215	231528	NO2		0.5	0.2	No	2
NH132	Opp Laurel Way, Arlesey Road, Ickleford	Roadside	518283	231366	NO2		20.0	1.5	No	2
NH133	George & Dragon, High Street, Graveley	Roadside	523124	227776	NO2		7.0	1.5	No	2
NH134	6 Bucks Head Cottages, Stevenage Rd, L.Wymondley	Roadside	521516	227449	NO2		10.0	3.5	No	2

Notes:

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

(2) N/A if not applicable.

Table A.3 – Annual Mean NO₂ Monitoring Results: Automatic Monitoring (µg/m³)

Site ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) ⁽¹⁾	Valid Data Capture 2020 (%) ⁽²⁾	2016	2017	2018	2019	2020
NH1	518740	228348	Roadside	86	86	50	48	44	45	37

☒ Annualisation has been conducted where data capture is <75% and >25% in line with LAQM.TG16

☒ 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/m³.

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

All means have been “annualised” as per LAQM.TG16 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 NO₂ Monitoring Results: Non-Automatic Monitoring (µg/m³)

Diffusion Tube ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) ⁽¹⁾	Valid Data Capture 2020 (%) ⁽²⁾	2016	2017	2018	2019	2020
NH06	535906	240794	Roadside	32.7	32.7	25.9	26.5	24.6	24.8	21.7
NH45	518708	228347	Roadside	32.7	32.7	45.2	42.3	37.1	38.3	26.5
NH59	524649	234061	Roadside	32.7	32.7	27.7	26.3	26.2	23.4	18.5
NNH60	519916	230099	Roadside	32.7	32.7	29.9	29.4	28	24.5	17.6
NH61	524428	233882	Roadside	15.4	15.4	30.3	27.7	27.2	26.8	-
NH63	518160	229092	Roadside	32.7	32.7	37.2	35.8	32.3	32.1	27.2
NH67	519225	230553	Roadside	32.7	32.7	27.15	28.3	23.7	23.5	20.0
NH127	518821	229993	Roadside	15.4	15.4			21.9	21.0	-
NH72	524502	233948	Roadside	32.7	32.7	32.0	31.3	27.5	26.8	24.2
NH103	518773	228342	Roadside	32.7	32.7	39.8	38.6	35.5	34.4	28.0

Diffusion Tube ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) ⁽¹⁾	Valid Data Capture 2020 (%) ⁽²⁾	2016	2017	2018	2019	2020
NH77	518006	229032	Roadside	32.7	32.7	39.0	36.9	35.3	34.0	24.5
NH82	518129	229065	Roadside	15.4	15.4	36.5	33.3	33.3	32.0	-
NH87	518731	228362	Roadside	32.7	32.7	26.9	26.9	23.8	23.7	33.5
NH88	524448	233898	Kerbside	32.7	32.7	39.9	40.5	34.7	35.7	32.3
NH89	518706	228293	Roadside	32.7	32.7	29.7	28.2	22.8	23.6	19.4
NH91	518656	228406	Roadside	32.7	32.7	31.8	32.2	27.4	29.8	26.7
NH92	518872	228305	Roadside	32.7	32.7	46.0	44.4	38.8	36.7	31.7
NH93	518130	229036	Roadside	7.7	7.7	49.0	45.5	46.1	41.9	-
NH94	517915	228967	Roadside	32.7	32.7	34.1	34.3	30.1	27.5	22.1
NH95	517886	228975	Roadside	32.7	32.7	31.8	33	29.9	28.9	23.0
NH98	519080	229510	Roadside	32.7	32.7	30.4	28.6	26.6	26.6	22.6
NH99	518953	229786	Roadside	32.7	32.7	30.7	29.8	29.2	28.0	18.1
NH108	518534	229302	Roadside	32.7	32.7	34.0	33.1	32.1	31.8	23.9
NH104	518757	228334	Roadside	32.7	32.7	30.8	32.2	27.5	25.7	19.2
NH105	519067	228255	Roadside	32.7	32.7	46.0	43.3	40	37.7	28.5
NH106	519250	228218	Roadside	32.7	32.7	37.7	35.3	35	35.4	24.2
NH107	518720	228335	Roadside	32.7	32.7	29.0	27.8	25.6	26.5	21.9
NH110, NH111, NH112	518740	228348	Roadside	32.7	32.7	53.6	50.7	44.9	44.9	35.4
NH114	518150	229160	Roadside	32.7	32.7	30.5	29	27	25.2	20.7
NH115	535373	241466	Roadside	32.7	32.7	26.5	26.8	24.2	24.3	21.5
NH116	518492	228669	Roadside	32.7	32.7		35.8	33.6	31.2	20.5
NH117	518278	229752	Roadside	32.7	32.7		28.1	24.5	26.0	21.2
NH119	521767	218110	Roadside	32.7	32.7		26.1	24.4	23.0	18.9
NH120	533805	233823	Rural	7.7	7.7		13.7	12	12.1	-
NH121	523849	233497	Roadside	32.7	32.7			23.8	20.9	16.6
NH122	523917	233917	Roadside	15.4	15.4			21	19.6	-
NH123	522289	232985	Roadside	15.4	15.4			19	19.0	-
NH124	520967	233073	Roadside	32.7	32.7			18.4	18.6	15.8

Diffusion Tube ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) ⁽¹⁾	Valid Data Capture 2020 (%) ⁽²⁾	2016	2017	2018	2019	2020
NH125	512486	223251	Rural	25.0	25.0			15.8	17.7	18.4
NH128	521497	218415	Roadside	32.7	32.7				25.0	24.0
NH129	525205	220142	Roadside	15.4	15.4				27.2	-
NH130	524597	234119	Roadside	32.7	32.7				30.7	25.7
NH131	518215	231528	Kerbside	32.7	32.7				38.0	28.9
NH132	518283	231366	Roadside	32.7	32.7				18.7	16.9
NH133	523124	227776	Roadside	32.7	32.7				18.2	17.0
NH134	521516	227449	Roadside	32.7	32.7				18.6	13.5

☒ Annualisation has been conducted where data capture is <75% and >25% in line with LAQM.TG16

☒ 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 NO₂ annual mean objective of 40 $\mu\text{g}/\text{m}^3$ are shown in **bold**.

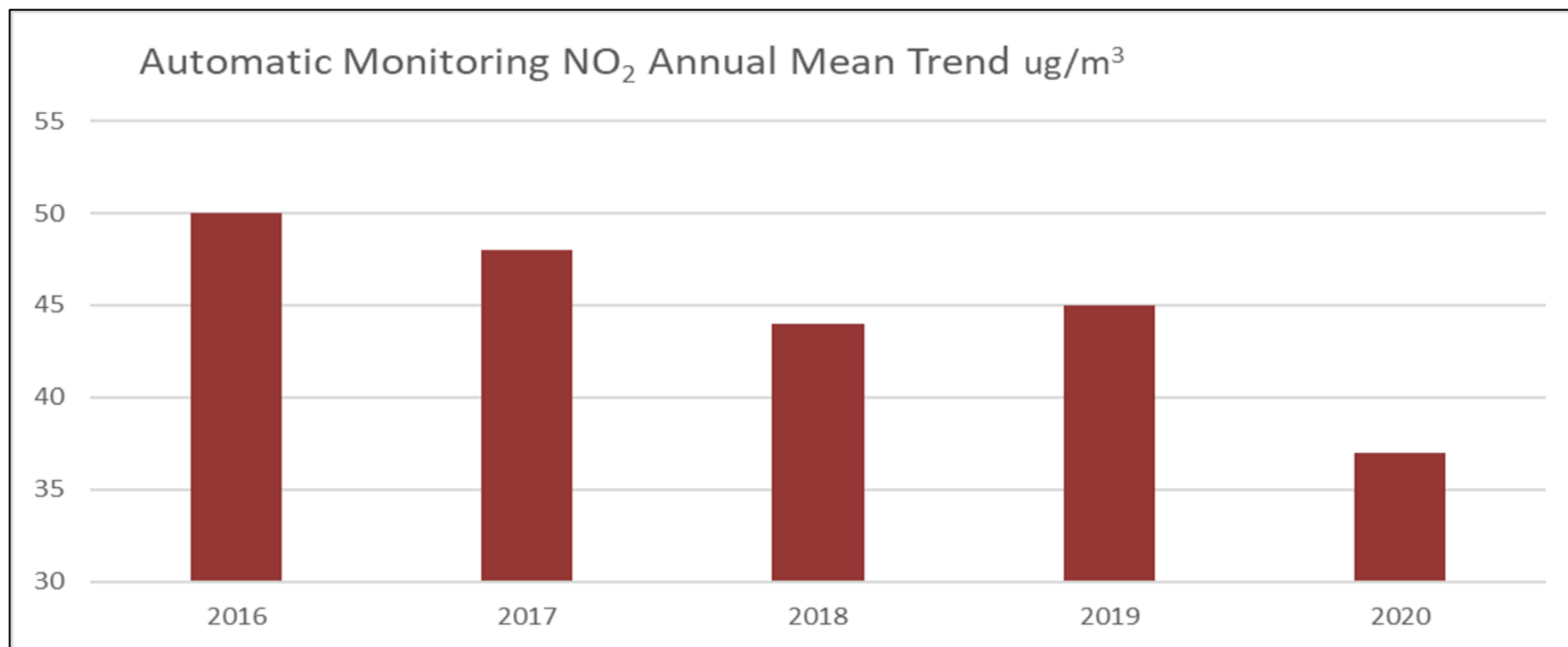
NO₂ annual means exceeding 60 $\mu\text{g}/\text{m}^3$, indicating a potential exceedance of the NO₂ 1-hour mean objective are shown in **bold and underlined**.

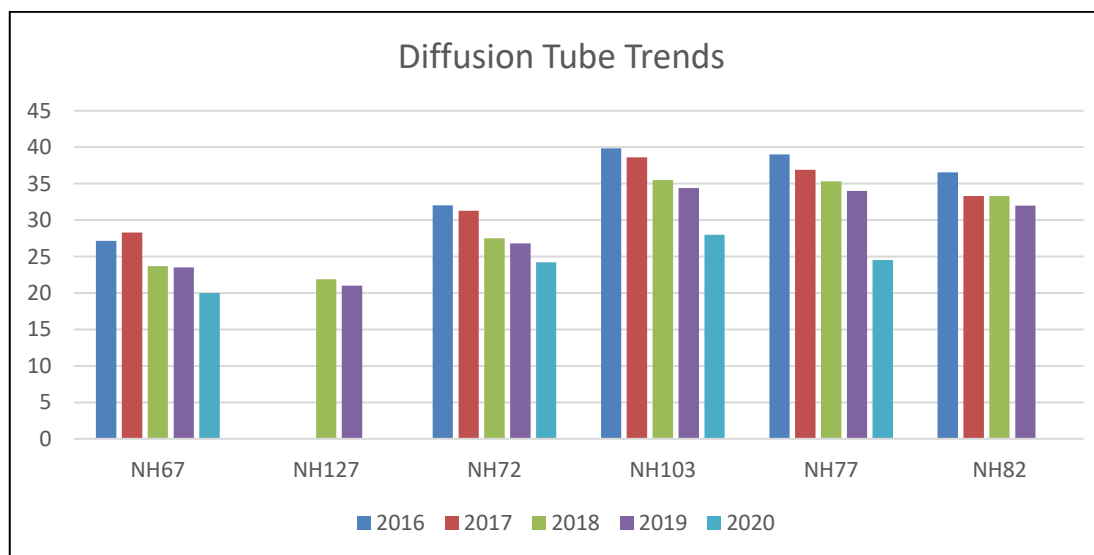
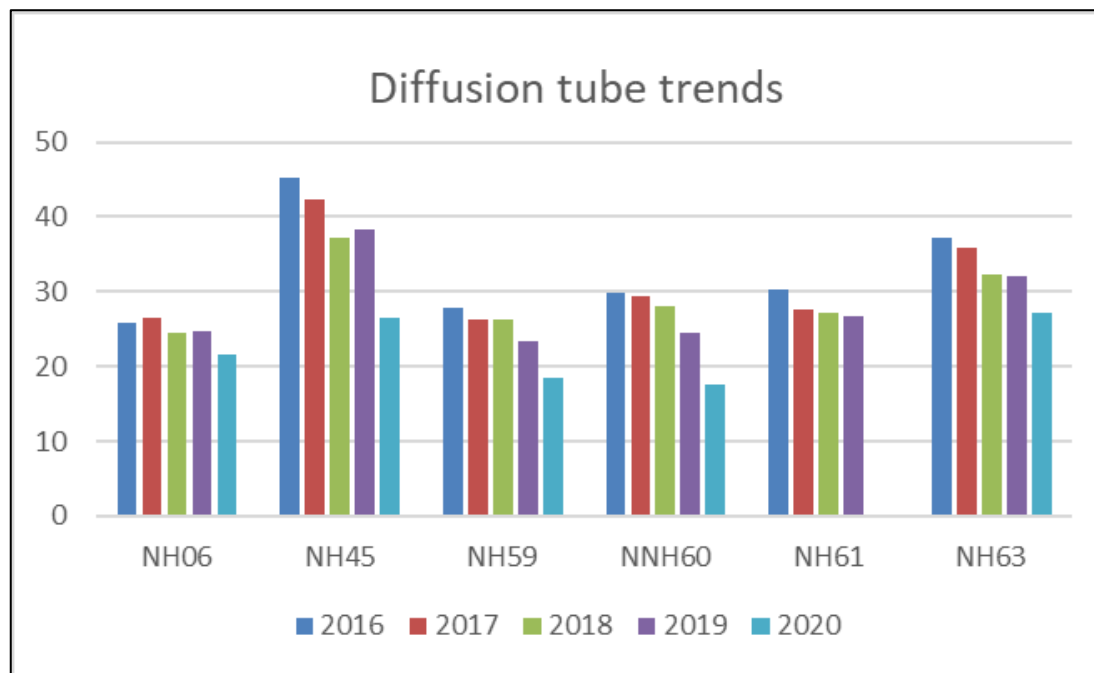
Means for diffusion tubes have been corrected for bias. All means have been “annualised” as per LAQM.TG16 if valid data capture for the full calendar year is less than 75%. See Appendix C for details.

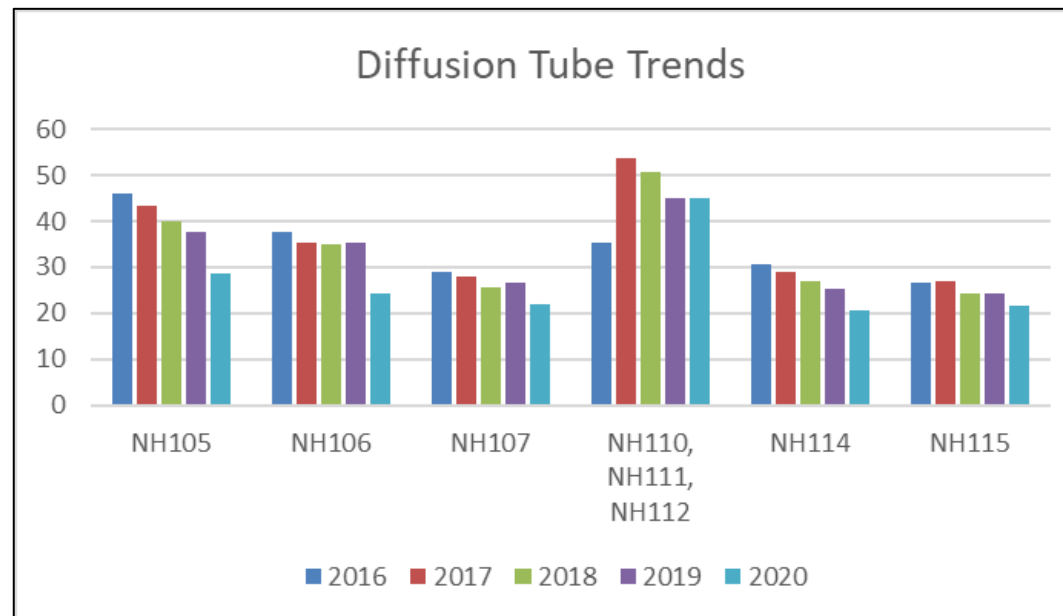
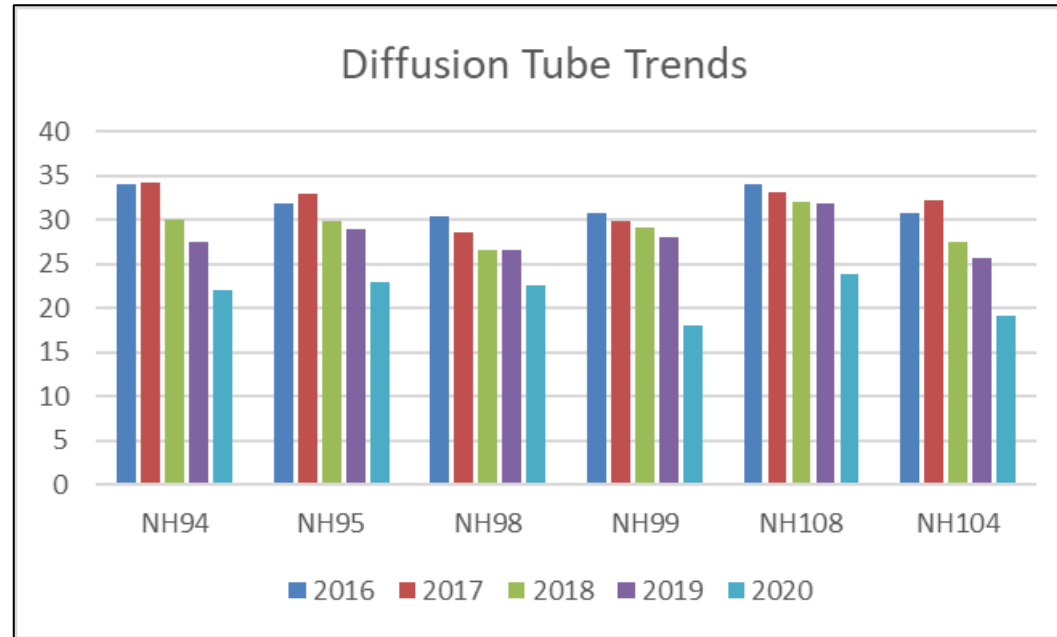
Concentrations are those at the location of monitoring and not those following any fall-off with distance adjustment.

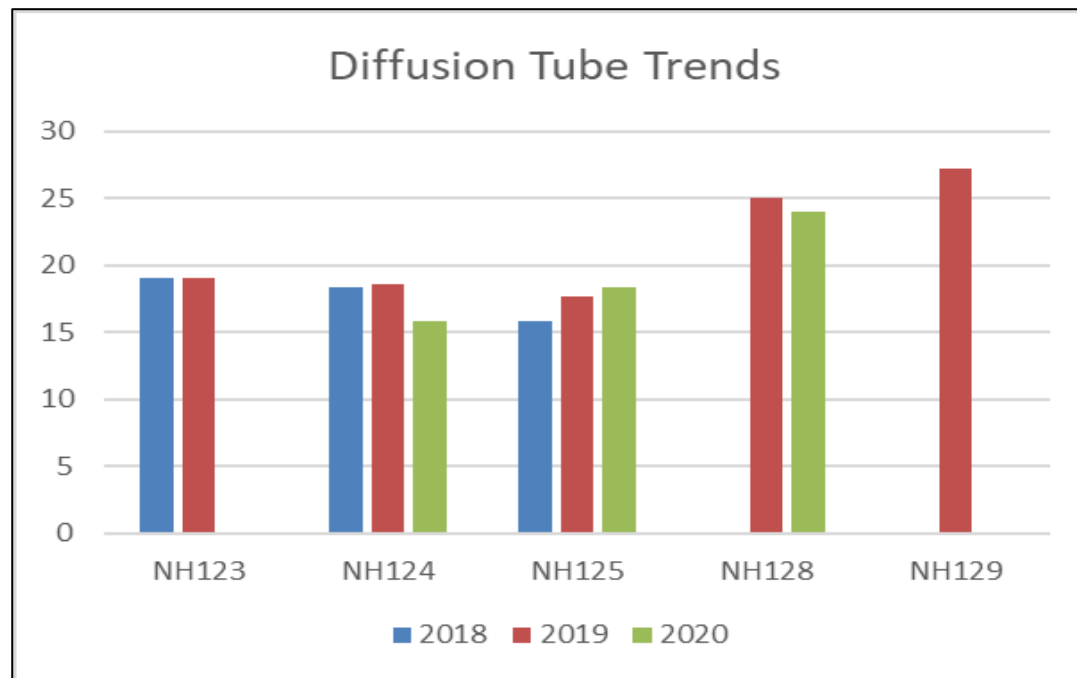
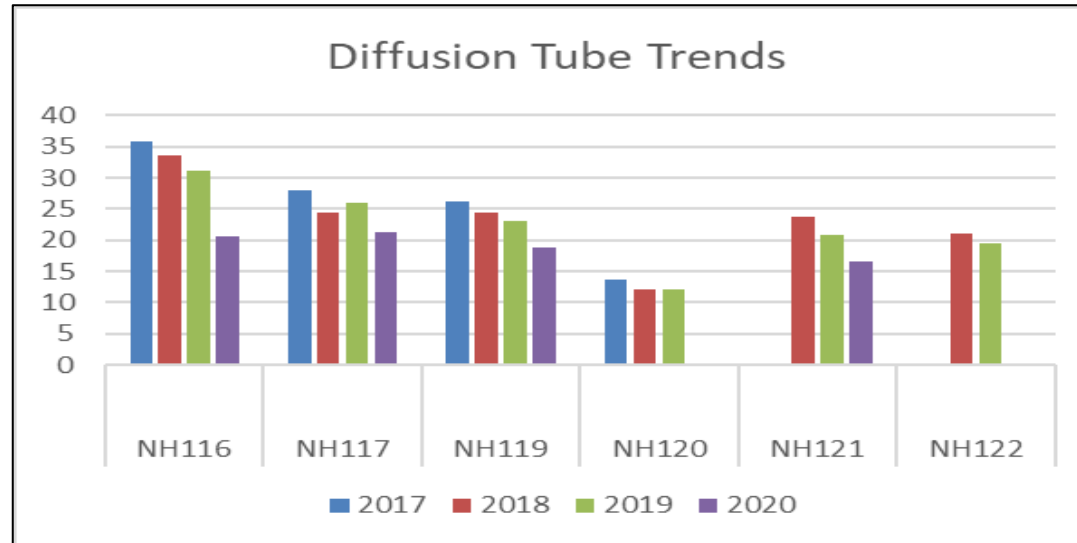
(1) Data capture for the monitoring period, in cases where monitoring was only carried out for part of the year.

(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 NO₂ Concentrations







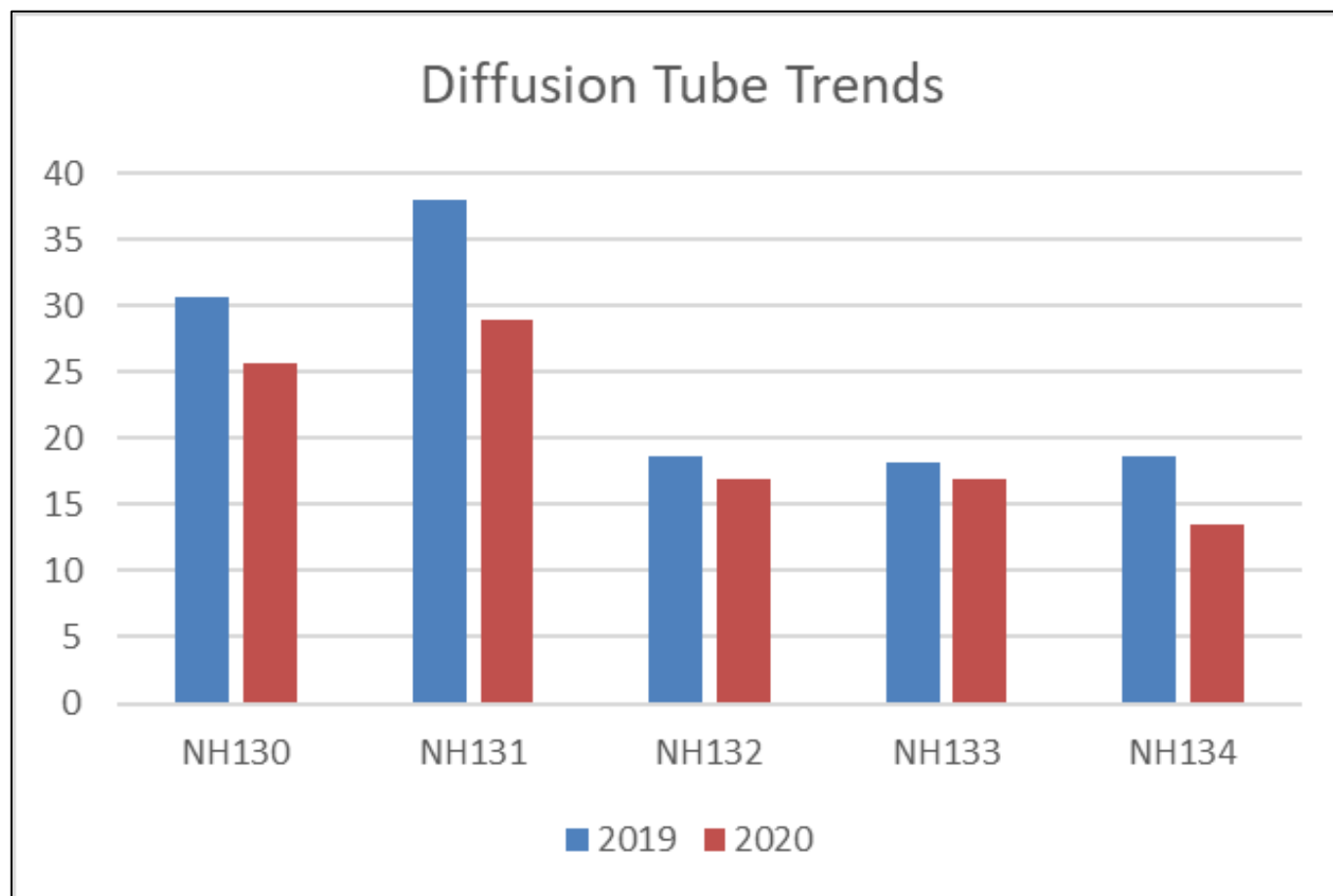


Table A.5 – 1-Hour Mean NO₂ Monitoring Results, Number of 1-Hour Means > 200µg/m³

Site ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) ⁽¹⁾	Valid Data Capture 2020 (%) ⁽²⁾	2016	2017	2018	2019	2020
NH1	518740	228348	Roadside	86	86	10	4	0	0	0

Notes:

Results are presented as the number of 1-hour periods where concentrations greater than 200µg/m³ have been recorded.

Exceedances of the NO₂ 1-hour mean objective (200µg/m³ 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%).

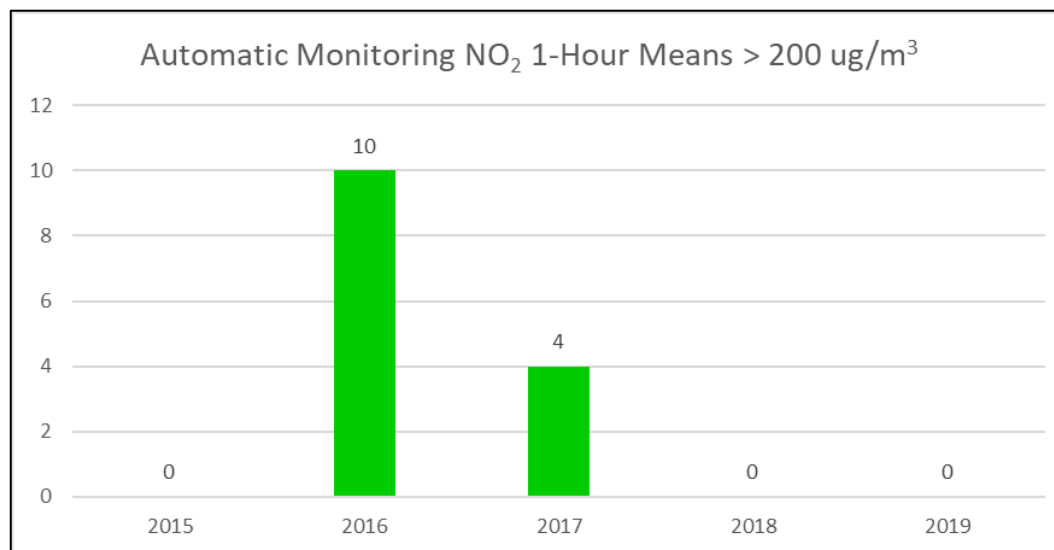
Figure A.2 – Trends in Number of NO₂ 1-Hour Means > 200µg/m³

Table A.6 – Annual Mean PM₁₀ Monitoring Results (µg/m³)

Site ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) ⁽¹⁾	Valid Data Capture 2020 (%) ⁽²⁾	2016	2017	2018	2019	2020
NH2	518713	228349	Roadside	95	95	25.5	20.1	21.5	20.4	19.7

☒ Annualisation has been conducted where data capture is <75% and >25% in line with LAQM.TG16

Notes:

The annual mean concentrations are presented as µg/m³.

Exceedances of the PM₁₀ annual mean objective of 40µg/m³ are shown in **bold**.

All means have been “annualised” as per LAQM.TG16 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%).

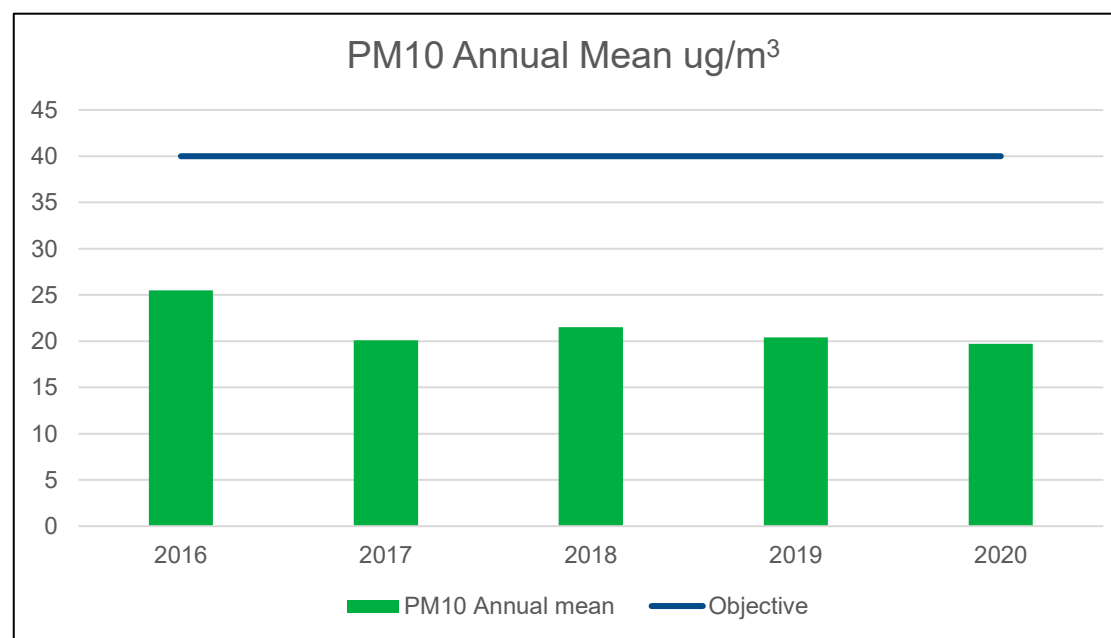
Figure A.3 – Trends in Annual Mean PM₁₀ Concentrations

Table A.7 – 24-Hour Mean PM₁₀ Monitoring Results, Number of PM₁₀ 24-Hour Means > 50µg/m³

Site ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) ⁽¹⁾	Valid Data Capture 2020 (%) ⁽²⁾	2016	2017	2018	2019	2020
NH2	518713	228349	Roadside	95	95	4	7	1	5	1

Notes:

Results are presented as the number of 24-hour periods where daily mean concentrations greater than 50µg/m³ have been recorded.

Exceedances of the PM₁₀ 24-hour mean objective (50µg/m³ not to be exceeded more than 35 times/year) are shown in **bold**.

If the period of valid data is less than 85%, the 90.4th percentile of 24-hour means is provided in brackets.

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

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

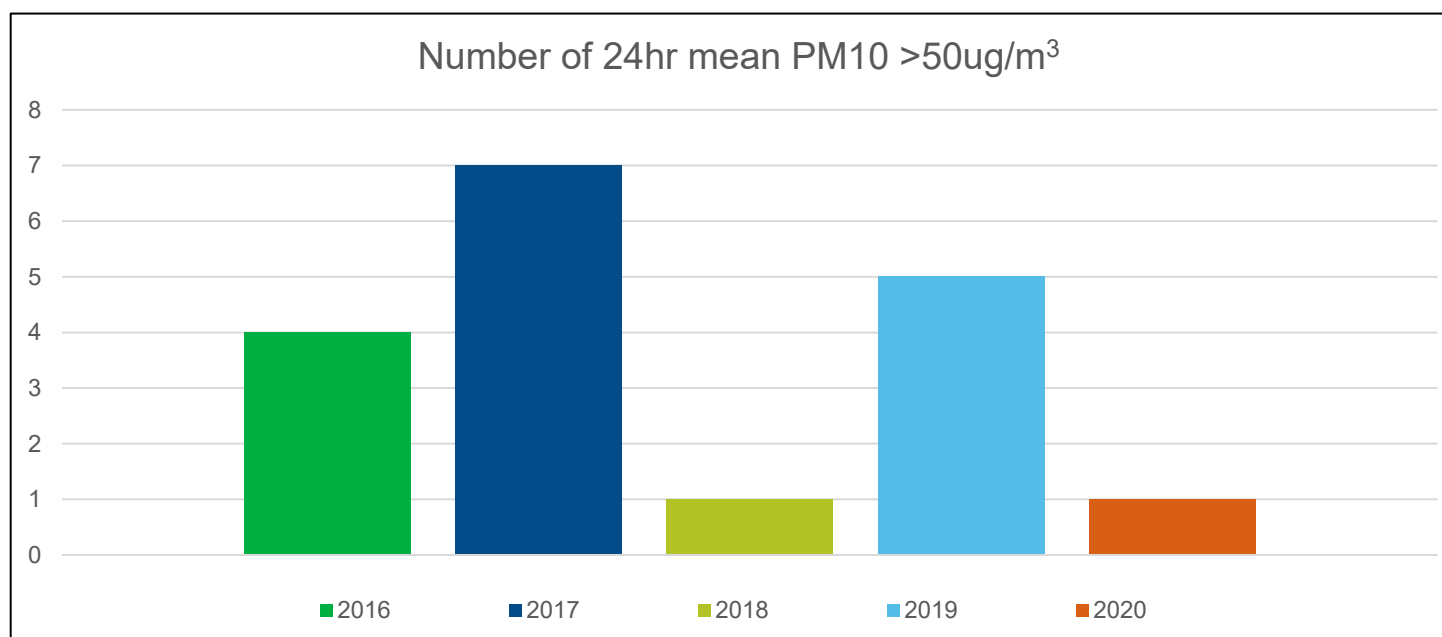
Figure A.4 – Trends in Number of 24-Hour Mean PM₁₀ Results > 50µg/m³

Table A.8 – Annual Mean PM_{2.5} Monitoring Results (µg/m³)

Site ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) ⁽¹⁾	Valid Data Capture 2020 (%) ⁽²⁾	2016	2017	2018	2019	2020
NH2	518713	228349	Roadside	83	83	18.0	12.2	9.96	8.4	8.4

☒ Annualisation has been conducted where data capture is <75% and >25% in line with LAQM.TG16

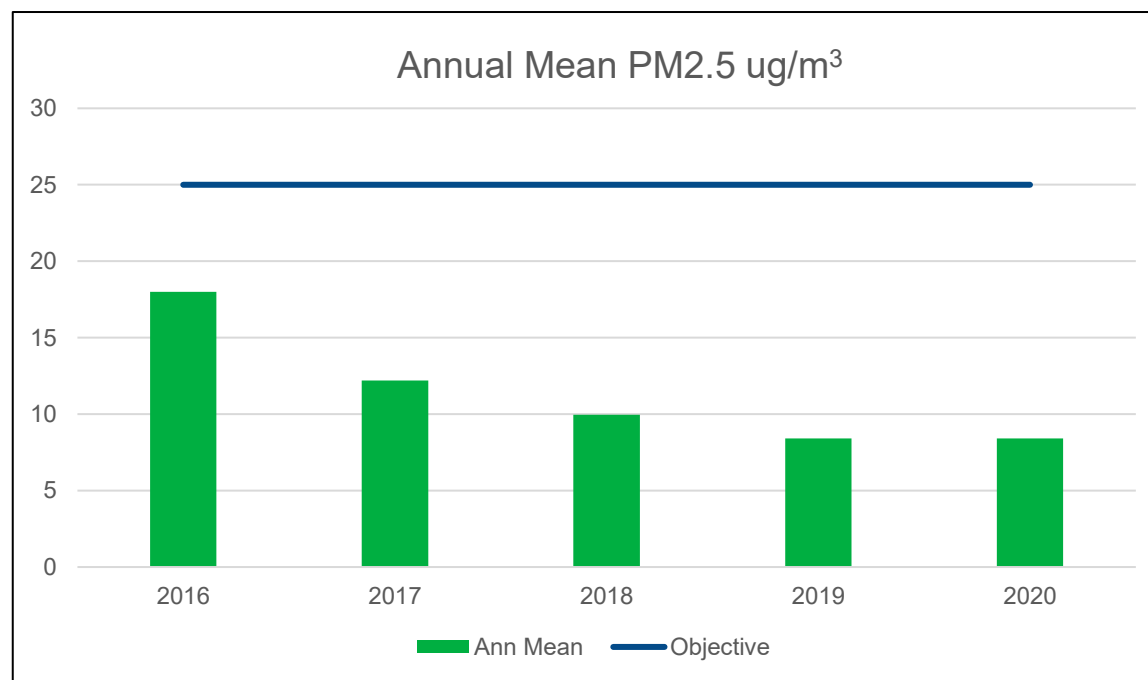
Notes:

The annual mean concentrations are presented as µg/m³.

All means have been “annualised” as per LAQM.TG16 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%).

Figure A.5 – Trends in Annual Mean PM_{2.5} Concentrations

Appendix B: Full Monthly Diffusion Tube Results for 2020

Table B.1 – NO₂ 2020 Diffusion Tube Results (µg/m³)

DTD	XOS Grid Ref (Easting)	YOS Grid Ref (Easting)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean: Raw Data	Annual Mean: Annualised and Bias Adjusted (0.76)	Annual Mean: Distance Corrected to Nearest Exposure	Comment
NH06	535906	240794	42.2	30.5									37.6	27.2	344	217		
NH45	518708	228347	57.9	35.0									48.2	26.8	420	265		AQMA1
NH59	524649	234061	37.2	27.3									30.3	21.9	292	185		
NNH60	519916	230099	32.2	26.4									28.6	24.0	278	176		
NH61	524428	233882	40.3	29.8												-		
NH63	518160	229092	54.5	38.9									42.9	36.0	431	272		AQMA2
NH67	519225	230553	34.0	34.6									24.8	32.9	316	200		
NH127	518821	229993	46.1	23.1												-		
NH72	524502	233948	44.0	37.6									38.2	33.1	382	242		
NH103	518773	228342	53.6	40.7									41.3	41.4	443	280		AQMA1
NH77	518006	229032	48.2	37.3									42.1	27.5	388	245		AQMA2
NH82	518129	229065	43.7	36.2											306	-		AQMA2
NH87	518731	228362	36.8	28.9									127.8	18.1	422	335		Doubtful due to uncertain result for November
NH88	524448	233898	62.7	50.7									51.5	39.6	502	323		
NH89	518706	228293	37.9	27.9									32.6	24.0	350	194		
NH91	518656	228406	48.4	44.8									38.5	36.9	364	267		
NH92	518872	228305	58.1	47.3									52.9	42.4	357	317		AQMA1
NH93	518130	229036	55.2												287	-		AQMA2
NH94	517915	228967	44.9	28.4									33.9	32.7	377	221		
NH95	517886	228975	42.8	37.6									33.0	32.0	304	230		
NH98	519080	229510	42.0	32.0									36.3	32.4	450	226		
NH99	518953	229786	35.3	28.6									34.5	16.2	383	181		
NH108	518534	229302	43.9	34.6									38.7	33.7	346	239		
NH104	518757	228334	35.8	28.5									33.3	24.1	-	192		AQMA1
NH105	519067	228255	52.1	38.6									45.8	43.5	-	285		AQMA1
NH106	519250	228218	43.0	28.7									45.6	35.9	560	242		
NH107	518720	228335	41.4	29.6									35.4	31.9	328	219		
NH110, NH111, NH112	518740	228348	59.8	42.6									60.2	57.1	340	354		AQMA1
NH114	518150	229160	35.2	30.2									35.9	29.7	324	207		AQMA2
NH115	535373	241466	39.9	29.0									35.6	31.4	335	215		
NH116	518492	228669	39.1	25.0									29.8	35.6	300	205		
NH117	518278	229752	39.5	28.2									34.6	31.5	263	212		
NH119	521767	218110	36.3	23.3									32.3	27.9	251	189		
NH120	533805	233823	20.1												263	-		
NH121	523849	233497	29.9	20.1									28.8	26.2	379	166		
NH122	523917	233917	42.3	29.8											407	-		
NH123	522289	232985	29.9	19.4											456	-		
NH124	520967	233073	29.2	15.6									28.5	26.9	267	158		
NH125	512486	223251		26.0									28.2	24.7	269	184		

DTD	XOS Grid Ref (Easting)	YOS Grid Ref (Easting)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Mean: Raw Data	Annual Mean: Annualised and Bias Adjusted (0.76)	Annual Mean: Distance Corrected to Nearest Exposure	Comment
NH128	521497	218415	34.0	56.7									33.8	27.1	214	24.0		
NH129	525205	220142	36.9	25.2											344	-		
NH130	524597	234119	54.2	33.9									33.8	40.8	420	25.7		
NH131	518215	231528	55.3	37.7									48.0	41.5	292	28.9		
NH132	518283	231366	32.2	21.1									28.8	24.6	278	16.9		
NH133	523124	227776	30.2	20.9									28.2	28.3	43.1	17.0		
NH134	521516	227449	24.5	17.7									21.6	21.6	31.6	13.5		

☒ All erroneous data has been removed from the NO₂ diffusion tube dataset presented in Table B.1

☒ Annualisation has been conducted where data capture is <75% and >25% in line with LAQM TG16

☒ Local bias adjustment factor used

☒ National bias adjustment factor used

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

☒ North Hertfordshire District Council confirm that all 2020 diffusion tube data has been uploaded to the Diffusion Tube Data Entry System

Notes:

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

NO₂ annual means exceeding 60 µg/m³, indicating a potential exceedance of the NO₂ 1-hour mean objective are shown in **bold and underlined**.

See Appendix C for details on bias adjustment and annualisation.

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

New or Changed Sources Identified Within North Hertfordshire District Council During 2020

North Hertfordshire District Council has not identified any significant new sources relating to air quality within the reporting year of 2020.

Additional Air Quality Works Undertaken by North Hertfordshire District Council During 2020

North Hertfordshire District Council has not completed any additional works within the reporting year of 2020.

QA/QC of Diffusion Tube Monitoring

The diffusion tubes are 50% triethanolamine (TEA) in acetone and are supplied and analysed by SOCOTEC Didcot. SOCOTEC follows the procedures set out in the Harmonisation Practical Guidance. SOCOTEC also participates in the Workplace Analysis Scheme for Proficiency (WASP) and is currently ranked as a Category Satisfactory laboratory. This information was used in selecting the below bias adjustment factor.

Data from the diffusion tubes has been compared and bias corrected to the factors produced from the UK co-location database. The bias adjustment factor has been taken from the March 2020 version of the Diffusion Tube Bias Adjustment Factors spreadsheet available from the Defra Review and Assessment website (<http://laqm.defra.gov.uk/bias-adjustment-factors/national-bias.html>).

According to the above database the bias adjustment factor for SOCOTEC in 2020 was 0.76.

Diffusion Tube Annualisation

Annualisation was required for all diffusion tube sites and detailed within

Table C.2. below

Diffusion Tube Bias Adjustment Factors

The diffusion tube data presented within the 2021 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.TG16 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 NO_x/NO₂ continuous analysers. Alternatively, the national database of diffusion tube co-location surveys provides bias factors for the relevant laboratory and preparation method.

North Hertfordshire District Council have applied a national bias adjustment factor of 0.76 to the 2020 monitoring data. A summary of bias adjustment factors used by North Hertfordshire District Council over the past five years is presented in Table C.1.

The national factor has continued to be used due to greater reliability.

Table C.1 – Bias Adjustment Factor

Year	Local or National	If National, Version of National Spreadsheet	Adjustment Factor
2020	National	03/21	0.76
2019	National	03/20	0.75
2018	National	03/19	0.76
2017	National	03/17	1.03
2016	National	03/16	0.95

NO₂ Fall-off with Distance from the Road

No diffusion tube NO₂ monitoring locations within North Hertfordshire District required distance correction during 2020.

Non-automatic annual mean NO₂ concentrations for 2020 data have not been corrected for distance due to the low data capture and low results, all significantly below objective levels.

QA/QC of Automatic Monitoring

The R&P 1400a Tapered Element Oscillating Measurement (TEOM) monitor at Stevenage Road, Hitchin is subject to calibration visits and filter checks and changes on a monthly basis by NHDC staff. In addition, Air Monitors are employed to undertake two service/maintenance visits (one minor and one major service) and to respond in the event of any maintenance issues encountered during daily operation. The calibration readings are reported to Ricardo Energy and Environment who are retained by NHDC to verify and ratify the data generated by the monitor. This process includes the application of the volatile correction model (VCM) and the results of the data reported have had this applied and have been demonstrated as equal to the gravimetric equivalent.

The Met-One Smart Heated BAM 1020 PM_{2.5} monitor at Stevenage Road requires no periodic calibration checks, only a tape change approximately once every six weeks which is undertaken by NHDC staff. In addition, Air Monitors are employed to undertake two service/maintenance visits (one minor and one major service) and to respond in the event of any maintenance issues encountered during daily operation. The outcome of the servicing and the associated performance of the monitor are reported to Ricardo Energy and Environment who are retained by NHDC to verify and ratify the data generated by the monitor.

The Teledyne-API T200A chemiluminescence monitor at Stevenage Road is subject to calibration checks and filter checks and changes on a monthly basis by NHDC staff. In addition, Air Monitors are employed to undertake two service/maintenance visits (one minor and one major service) and to respond in the event of any maintenance issues encountered during daily operation. The calibration readings are reported to Ricardo Energy and Environment who are retained by NHDC, as part of the larger Hertfordshire and Bedfordshire Air Quality Network, to verify and ratify the data generated by the monitor.

The continuous monitoring data is available for viewing on-line, or downloading from either:

[Hertfordshire and Bedfordshire Air Quality Network](#)

[UK-Air \(on behalf of DEFRA\)](#)

PM₁₀ and PM_{2.5} Monitoring Adjustment

Volatile Correction Model (VCM) has been applied to the PM₁₀ Teom Data, prior to summarising.

Correction factors have been applied to the PM_{2.5} BAM data. No further corrections have been applied.

Automatic Monitoring Annualisation

All automatic monitoring locations within North Hertfordshire District recorded data capture of greater than 75% therefore it was not required to annualise any monitoring data.

NO₂ Fall-off with Distance from the Road

No fall-off with distance corrections have been made for 2020 data, due to low data capture, and lower traffic flows during the pandemic. All annualised and bias corrected diffusion tube data results are significantly below objective levels.

Table C.2 – Annualisation Summary (concentrations presented in $\mu\text{g}/\text{m}^3$)

Site ID	Annualisation Factor Site 1 Bedford	Annualisation Factor Site 2 Canterbury	Annualisation Factor Site 3 Northampton	Annualisation Factor	Average Annualisation Factor	Raw Data Annual Mean	Annualised Annual Mean	Comments
NH06	0.7270	0.8255	0.9440		0.8322	34.4	28.6	
NH45	0.7270	0.8255	0.9440		0.8322	42.0	34.9	
NH59	0.7270	0.8255	0.9440		0.8322	29.2	24.3	
NNH60	0.7270	0.8255	0.9440		0.8322	27.8	23.1	
NH63	0.7270	0.8255	0.9440		0.8322	43.1	35.8	
NH67	0.7270	0.8255	0.9440		0.8322	31.6	26.3	
NH72	0.7270	0.8255	0.9440		0.8322	38.2	31.8	
NH103	0.7270	0.8255	0.9440		0.8322	44.3	36.8	
NH77	0.7270	0.8255	0.9440		0.8322	38.8	32.3	
NH87	0.7270	0.8255	0.9440		0.8322	52.9	44.0	
NH88	0.7270	0.8255	0.9440		0.8322	51.1	42.5	
NH89	0.7270	0.8255	0.9440		0.8322	30.6	25.5	
NH91	0.7270	0.8255	0.9440		0.8322	42.2	35.1	
NH92	0.7270	0.8255	0.9440		0.8322	50.2	41.8	
NH94	0.7270	0.8255	0.9440		0.8322	35.0	29.1	
NH95	0.7270	0.8255	0.9440		0.8322	36.4	30.2	
NH98	0.7270	0.8255	0.9440		0.8322	35.7	29.7	
NH99	0.7270	0.8255	0.9440		0.8322	28.7	23.8	
NH108	0.7270	0.8255	0.9440		0.8322	37.7	31.4	
NH104	0.7270	0.8255	0.9440		0.8322	30.4	25.3	
NH105	0.7270	0.8255	0.9440		0.8322	45.0	37.4	
NH106	0.7270	0.8255	0.9440		0.8322	38.3	31.9	
NH107	0.7270	0.8255	0.9440		0.8322	34.6	28.8	
NH110	0.7270	0.8255	0.9440		0.8322	-	-	<i>Triplicate Site with NH110, NH111 and NH112 - Annual data provided for NH112 only</i>
NH111	0.7270	0.8255	0.9440		0.8322	-	-	<i>As above</i>
NH112	0.7270	0.8255	0.9440		0.8322	56.0	46.6	<i>As above</i>
NH114	0.7270	0.8255	0.9440		0.8322	32.8	27.3	
NH115	0.7270	0.8255	0.9440		0.8322	34.0	28.3	
NH116	0.7270	0.8255	0.9440		0.8322	32.4	26.9	
NH117	0.7270	0.8255	0.9440		0.8322	33.5	27.8	
NH119	0.7270	0.8255	0.9440		0.8322	30.0	24.9	

Site ID	Annualisation Factor Site 1 Bedford	Annualisation Factor Site 2 Canterbury	Annualisation Factor Site 3 Northampton	Annualisation Factor	Average Annualisation Factor	Raw Data Annual Mean	Annualised Annual Mean	Comments
NH121	0.7270	0.8255	0.9440		0.8322	26.3	21.8	
NH124	0.7270	0.8255	0.9440		0.8322	25.1	20.8	
NH125	0.7640	0.8406	1.1504		0.9184	26.3	24.2	
NH128	0.7270	0.8255	0.9440		0.8322	37.9	31.5	
NH130	0.7270	0.8255	0.9440		0.8322	40.7	33.8	
NH131	0.7270	0.8255	0.9440		0.8322	45.6	38.0	
NH132	0.7270	0.8255	0.9440		0.8322	26.7	22.2	
NH133	0.7270	0.8255	0.9440		0.8322	26.9	22.4	
NH134	0.7270	0.8255	0.9440		0.8322	21.4	17.8	

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

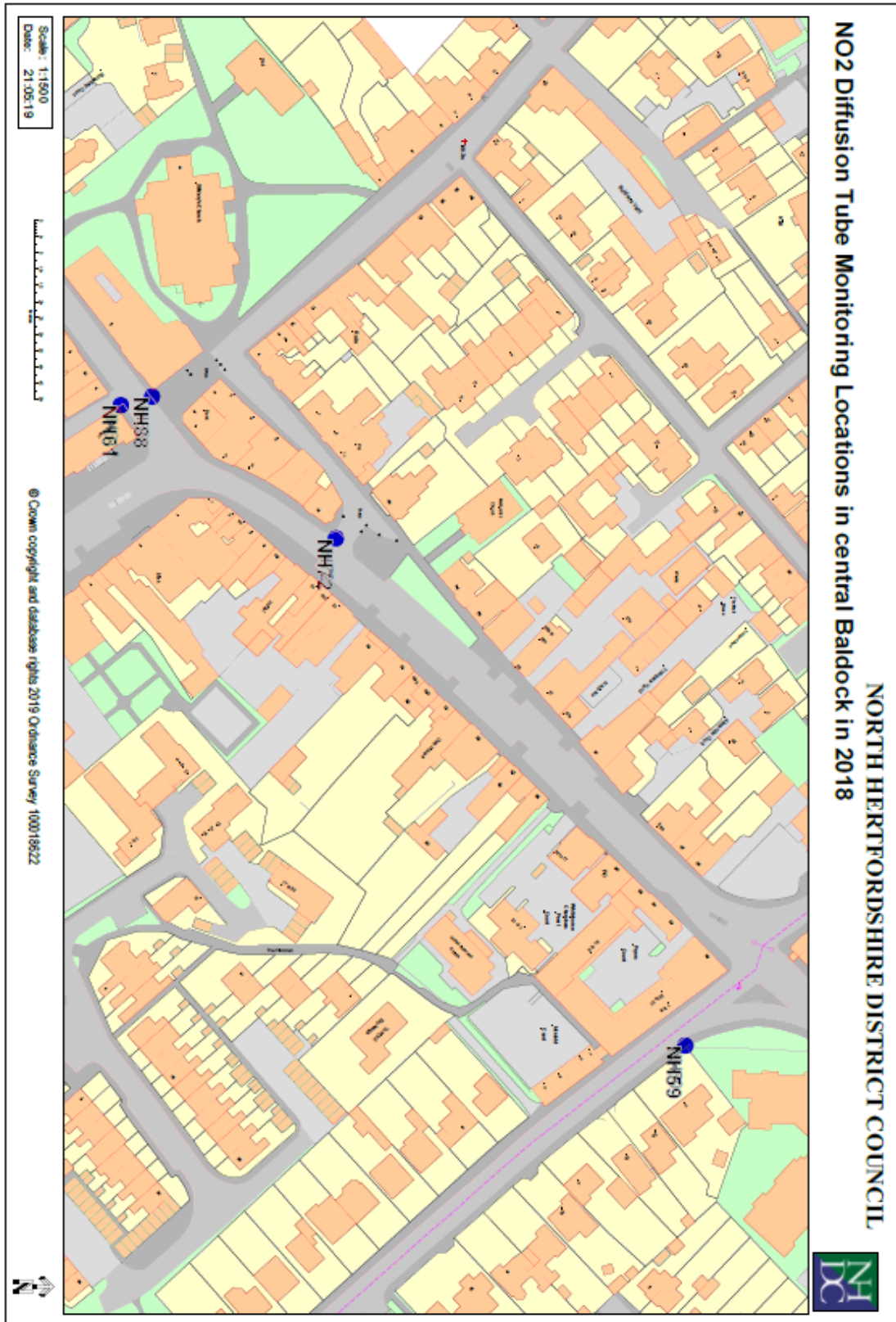


Figure D.1 Diffusion Tube Monitoring Locations (NH72, NH88, NH59 & NH61) in central Baldock - 2018

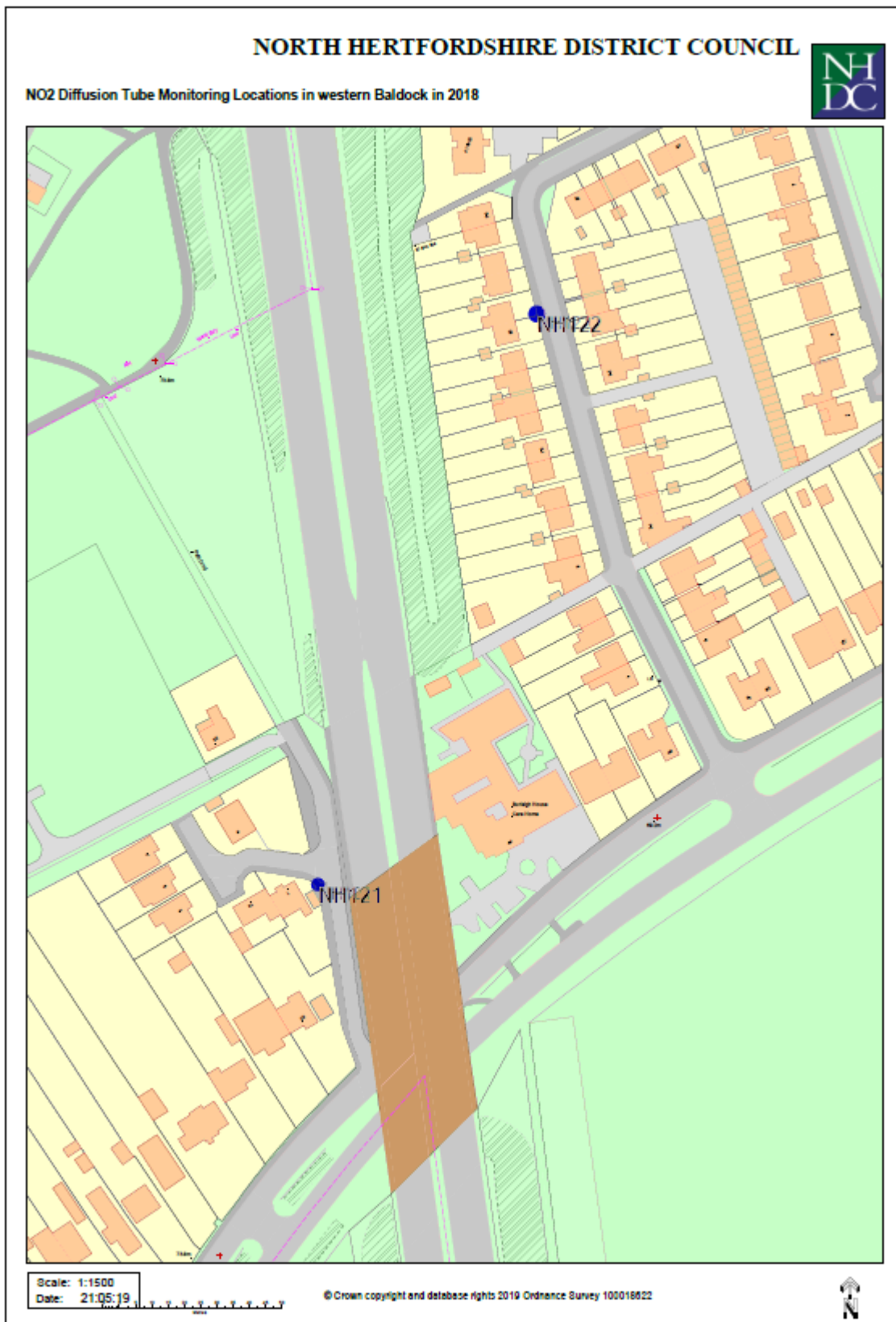


Figure D2: Diffusion Tube Monitoring Locations (NH121 & NH122) in western Baldock - 2018

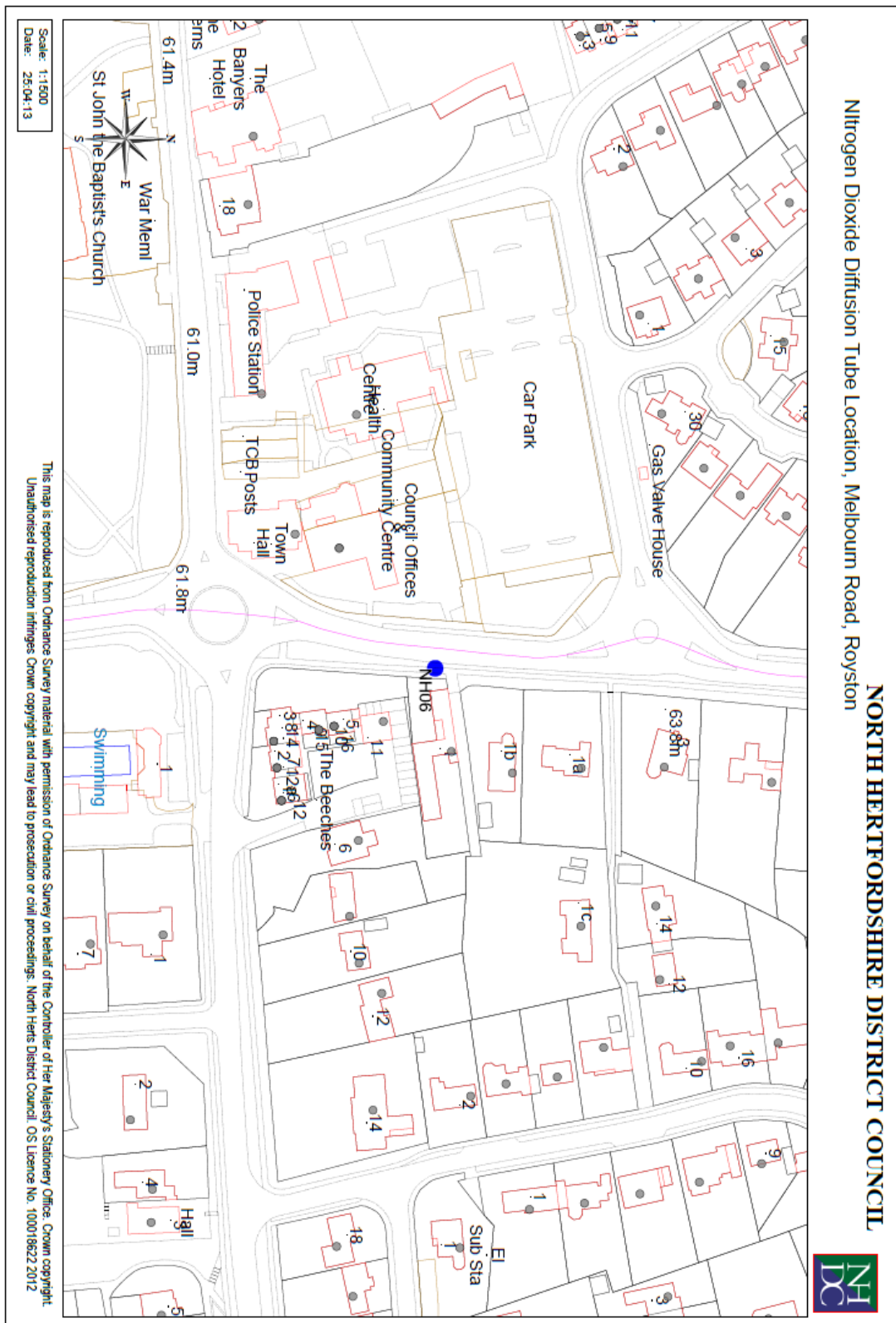


Figure D3: Diffusion Tube Monitoring Location (NH06) at Melbourn Road, Royston - 2018

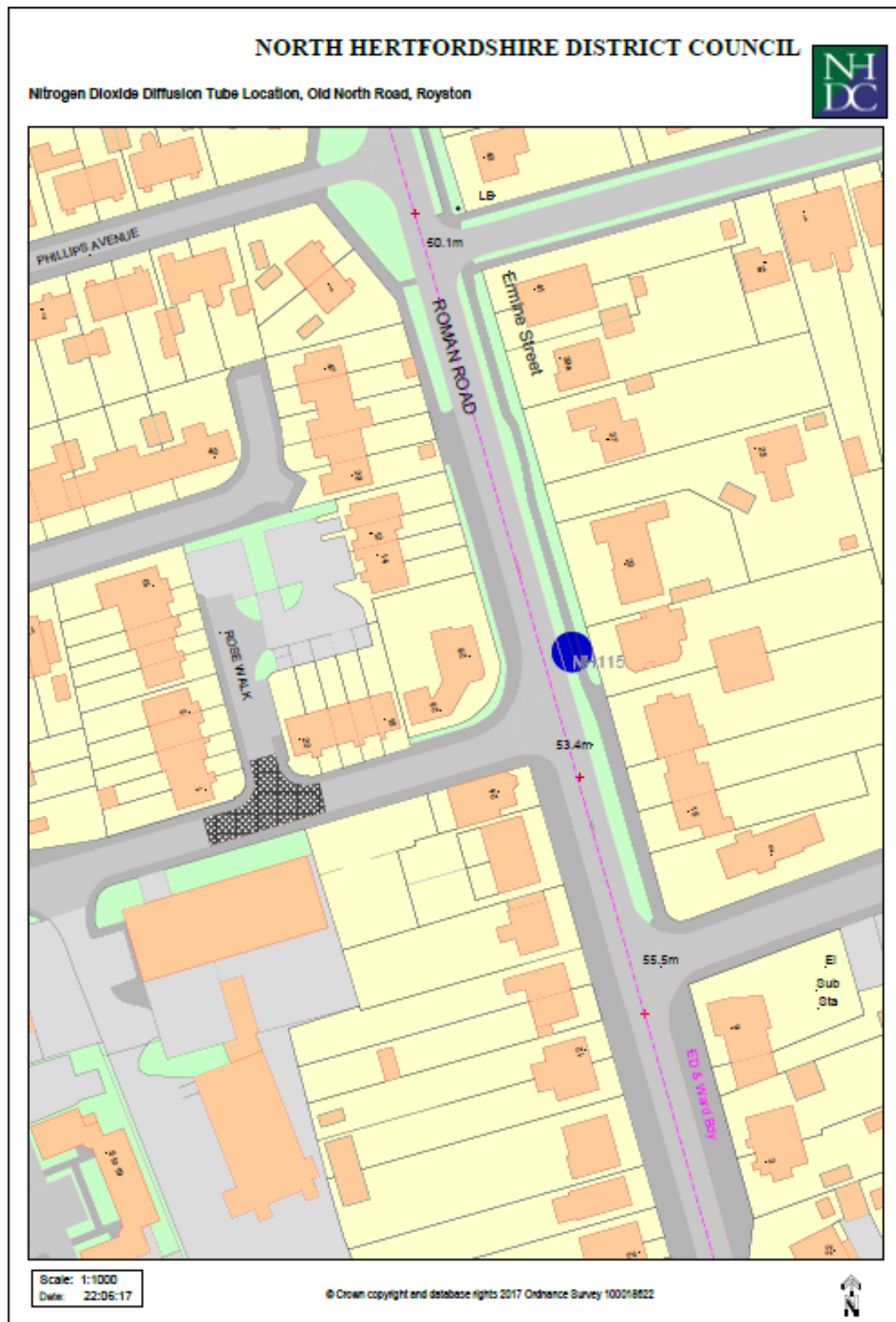


Figure D4: Diffusion Tube (NH115) Monitoring Location at Old North Road, Royston - 2018





Figure D6: Diffusion Tube (NH127) Monitoring Location at Grove Road, Hitchin - 2019



Figure D7: Diffusion Tube Monitoring Locations (NH99 & NH98) in the Nightingale Road Area of Hitchin – 2019

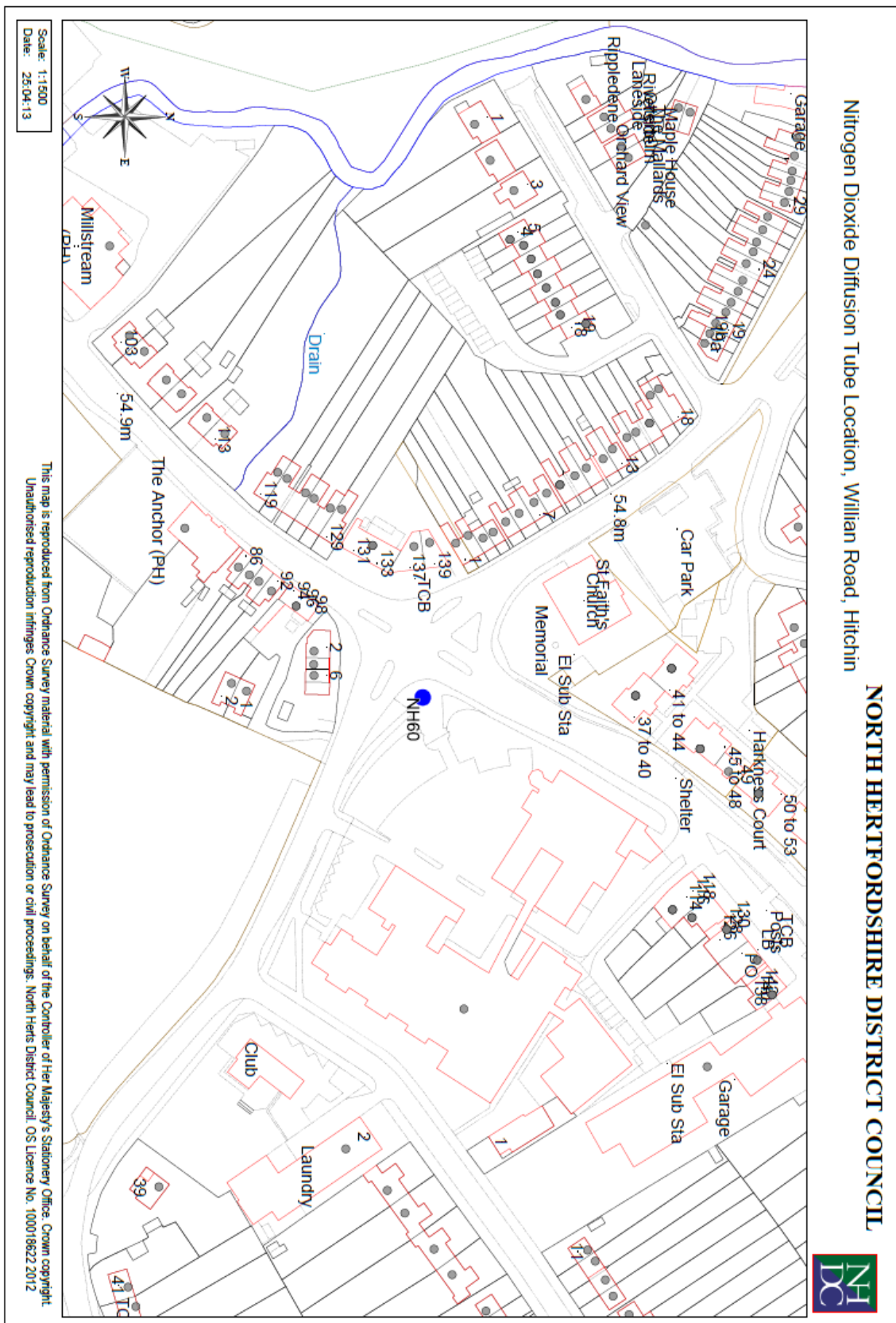


Figure D8: Diffusion Tube Monitoring Location (NH60) at Willian Road, Hitchin - 2019

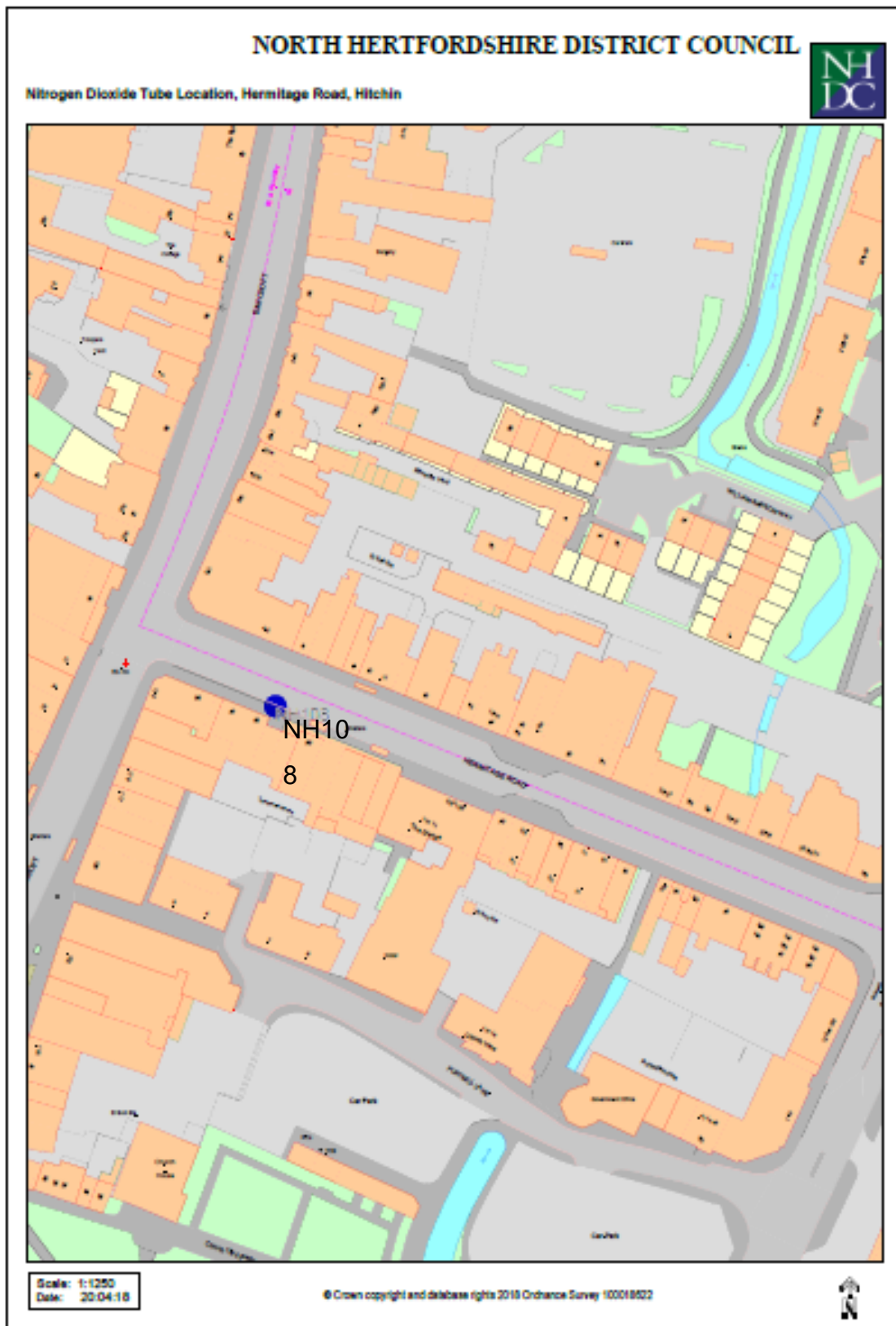


Figure D9: Diffusion Tube Monitoring Location (NH108) at Hermitage Road, Hitchin – 2019

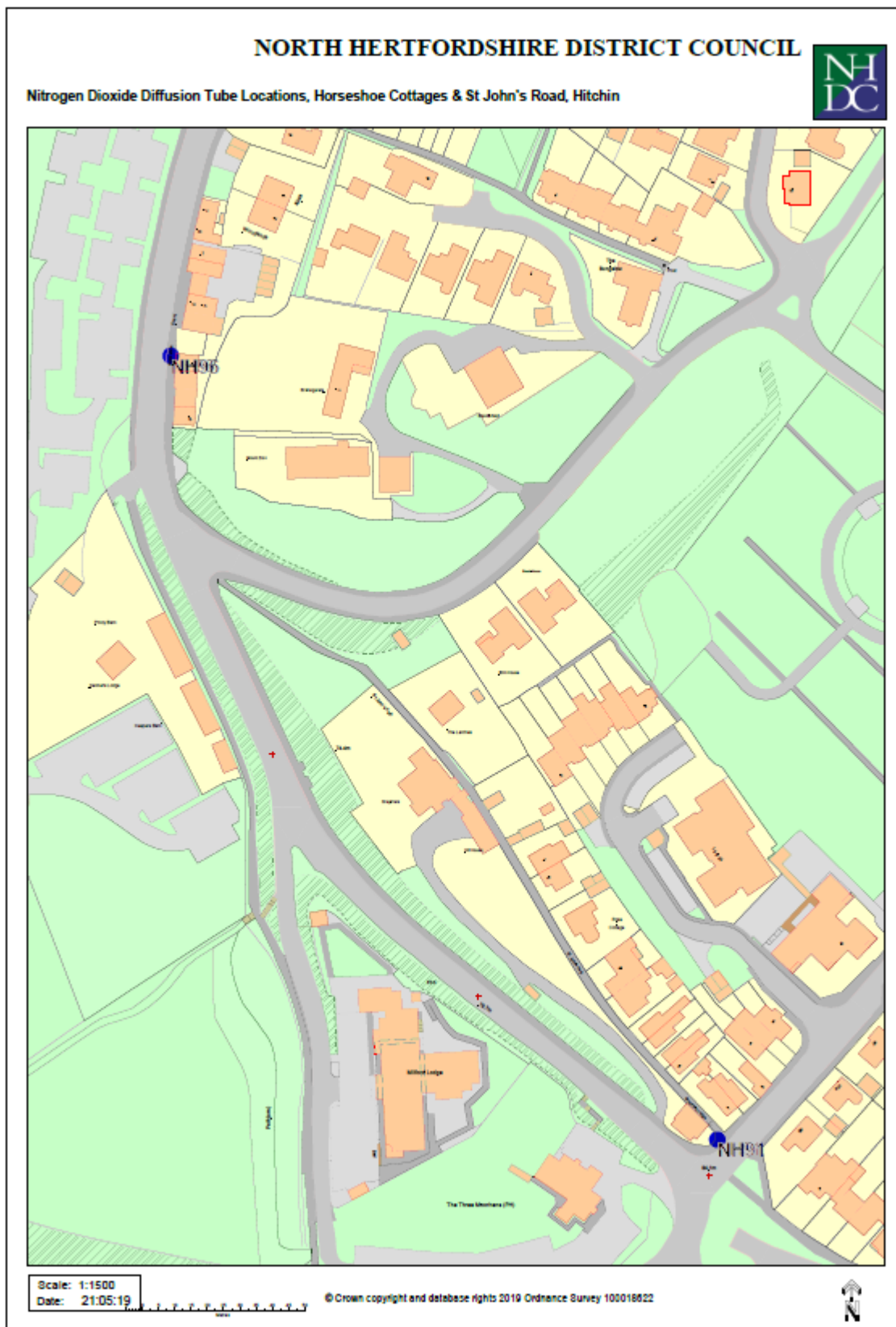


Figure D10: Diffusion Tube Monitoring Locations (NH116) at 6 Horseshoe Court, Park Street and (NH91) at St John's Road, Hitchin - 2019

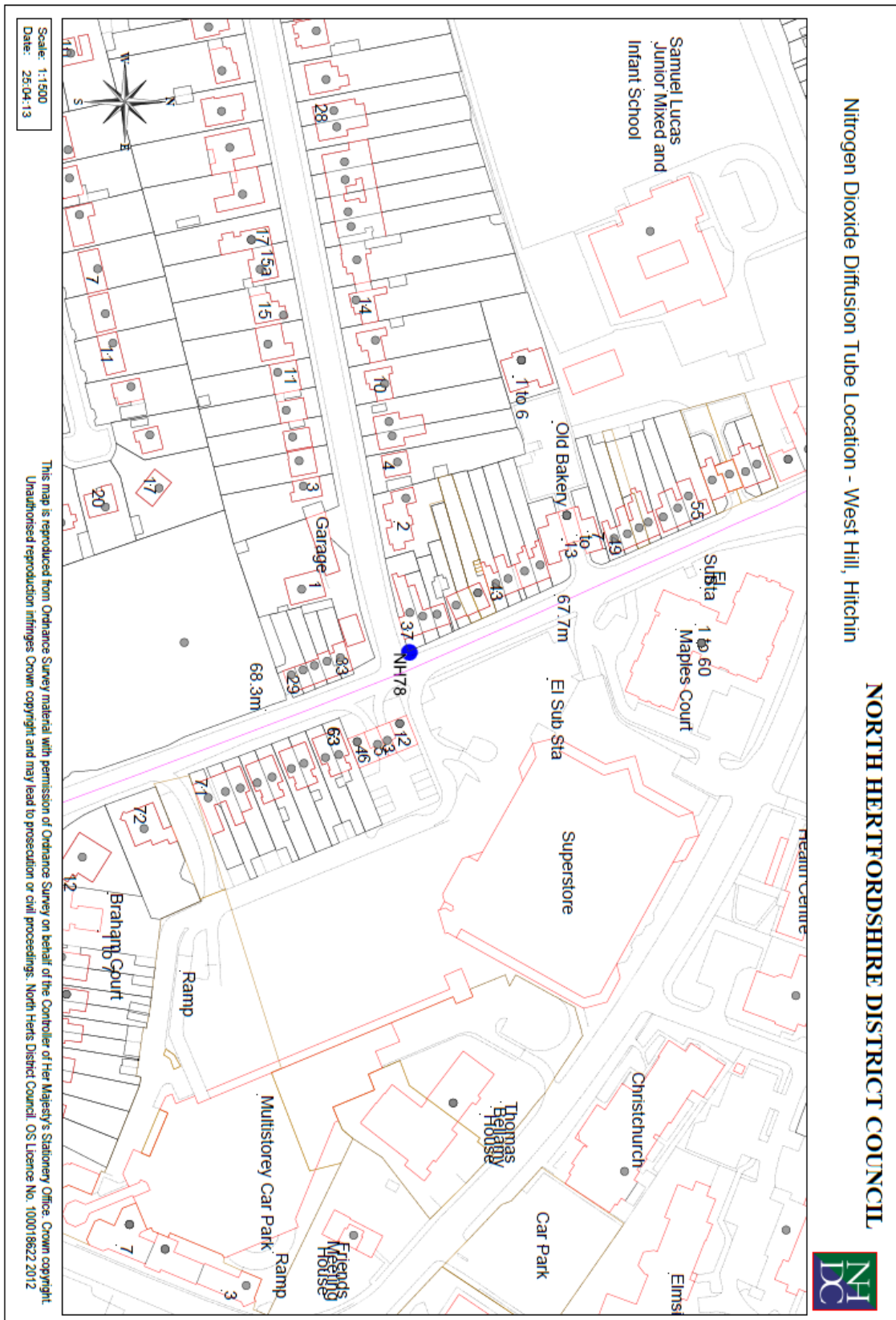


Figure D11: Diffusion Tube Monitoring Location (NH78) at West Hill Hitchin – 2019

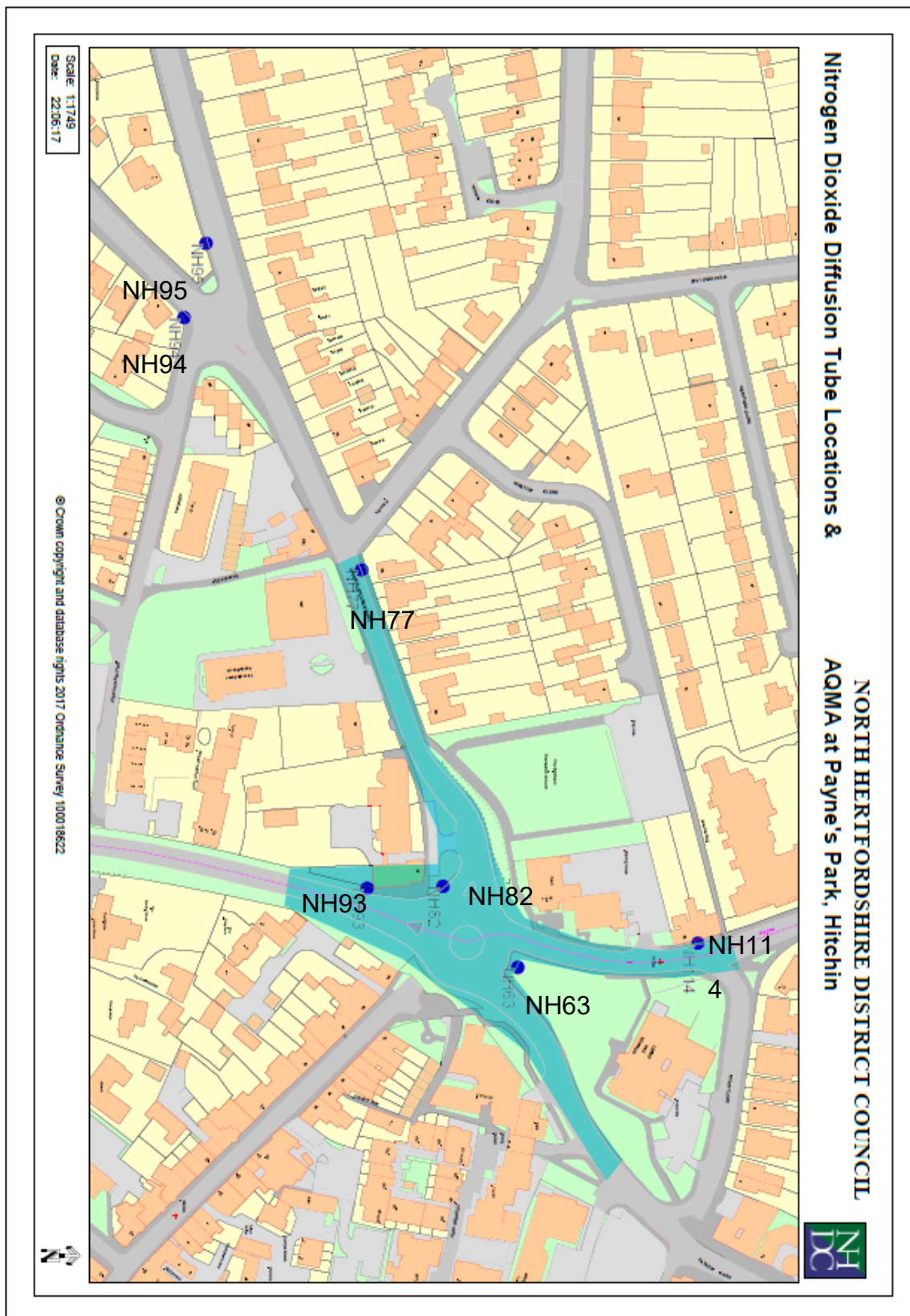


Figure D12: Diffusion Tube Monitoring Locations (NH93- NH95, NH77, NH82, NH63 & NH114) & Extent of AQMA at Payne's Park, Hitchin – 2019

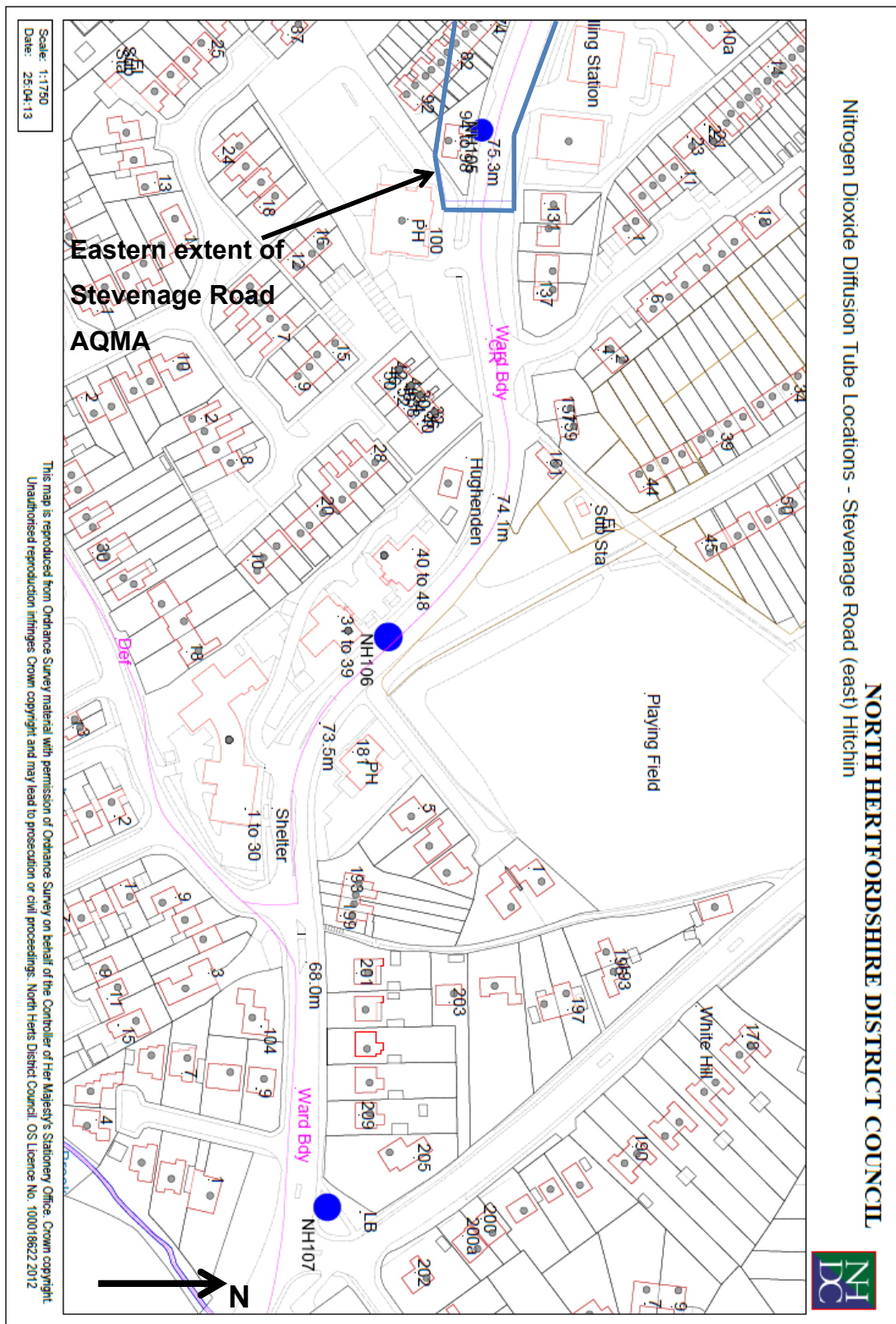


Figure D13: Diffusion Tube Monitoring Locations (NH105, NH106 & NH107) & Eastern Extent of the Stevenage Road AQMA at Stevenage Road, Hitchin – 2019

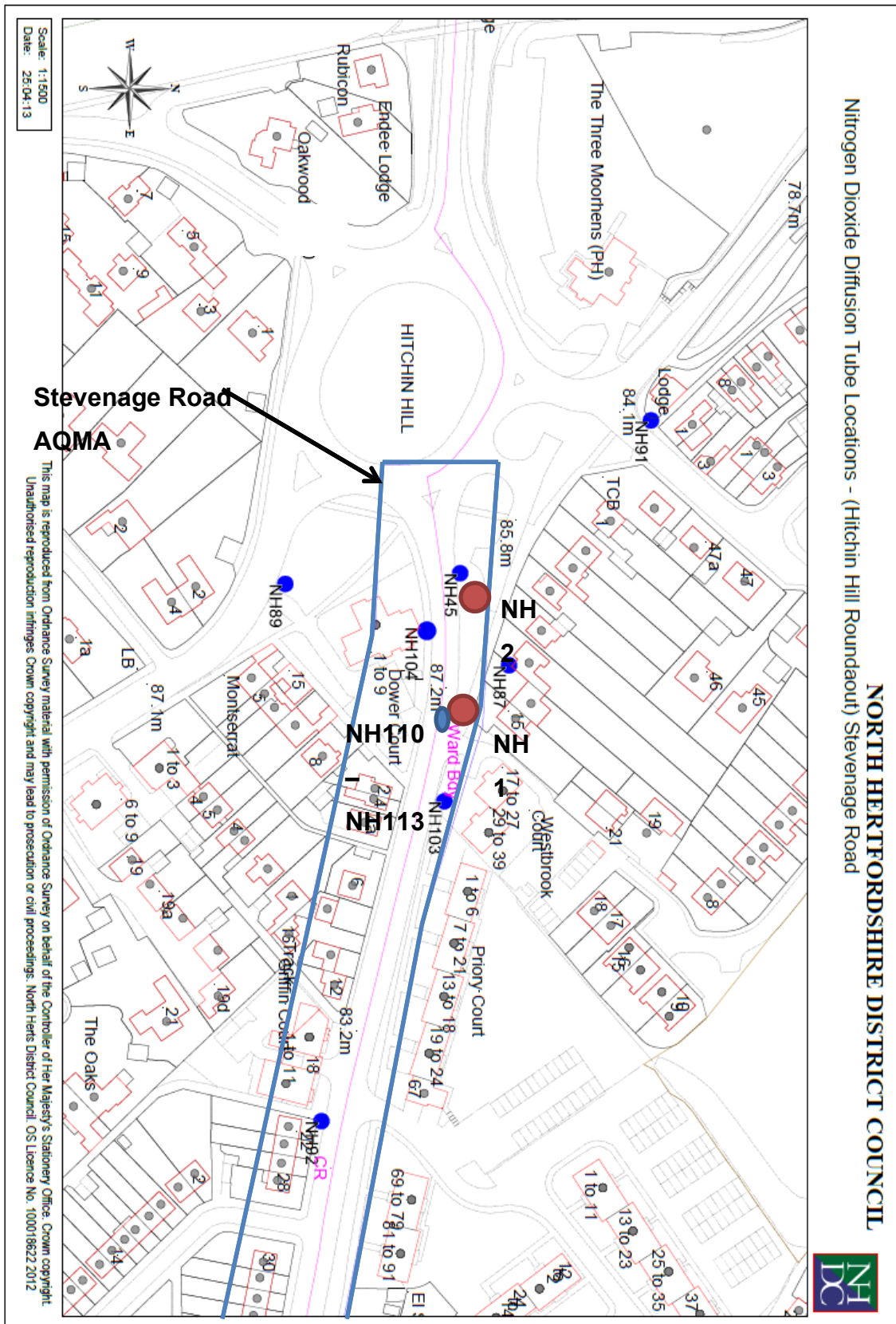


Figure D14: Diffusion Tube Monitoring Locations (NH45, NH87, NH89, NH91, NH92, NH103, NH104 & NH110-112), Real-Time Analyser Locations (NH1 and NH2) & the Stevenage Road AQMA at Stevenage Road, Hitchin – 2019

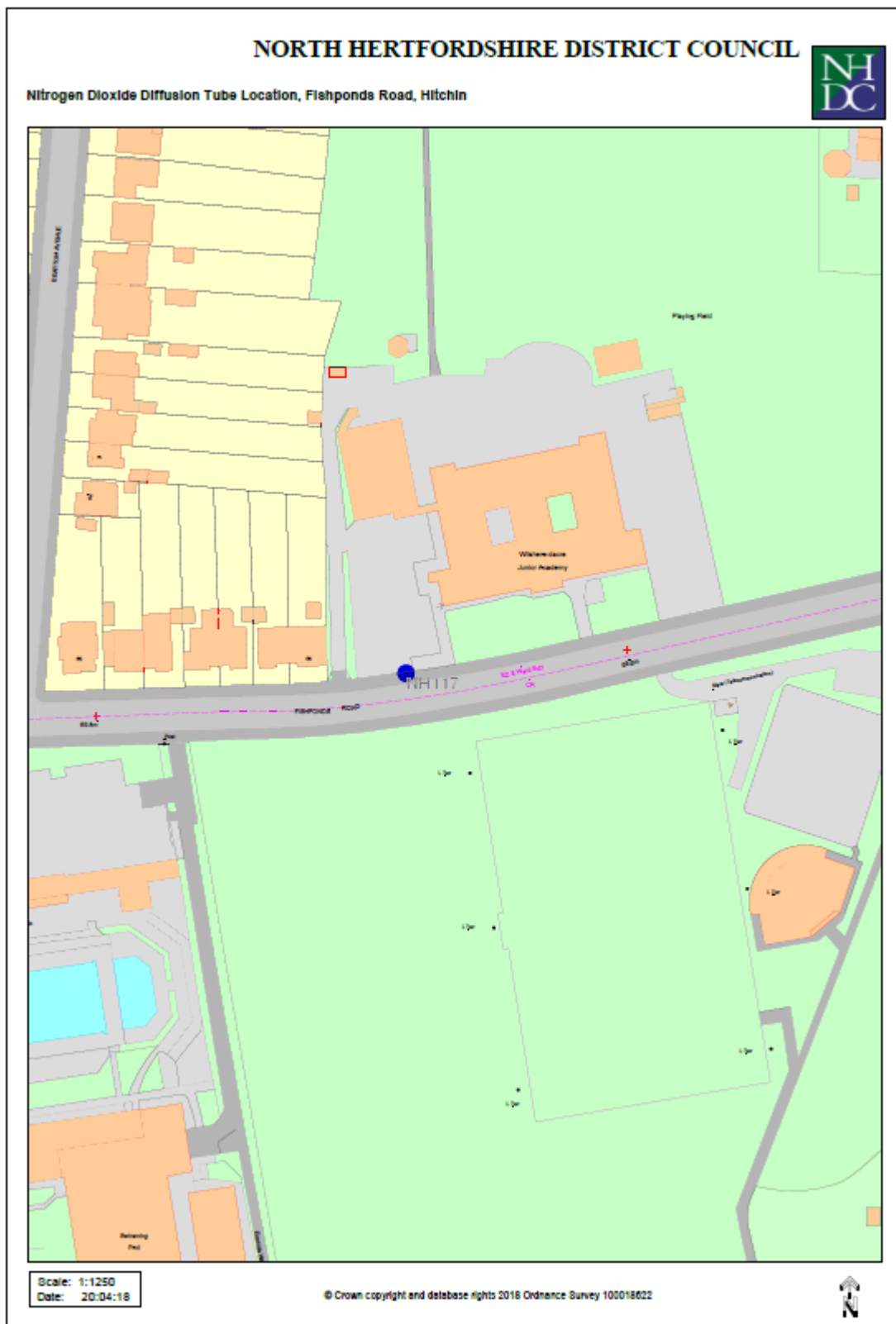


Figure D15: Diffusion Tube Monitoring Location (NH117) at Fishponds Road, Hitchin - 2019

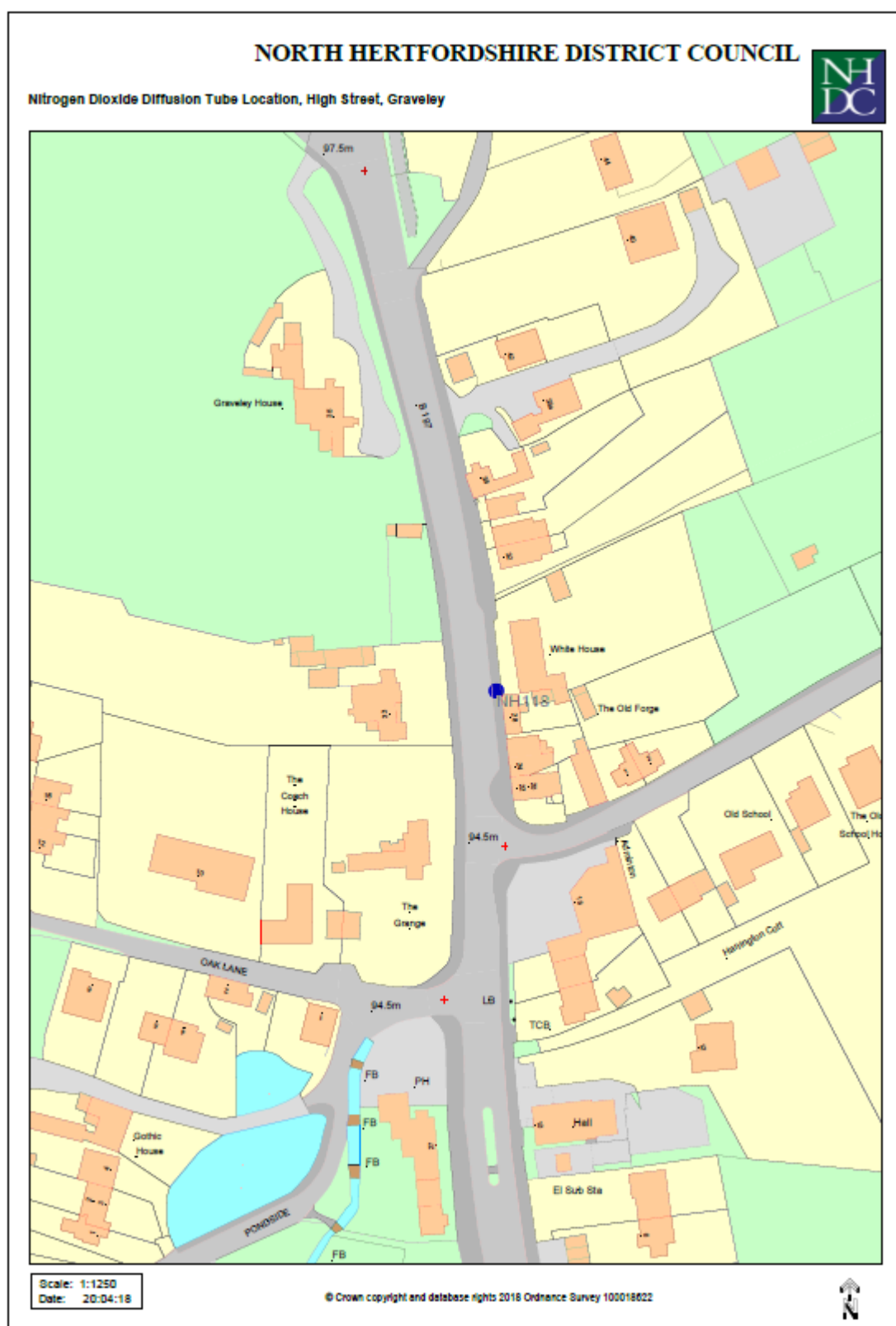


Figure D16: Diffusion Tube Monitoring Location (NH118) at High Street (27), Graveley – 2019

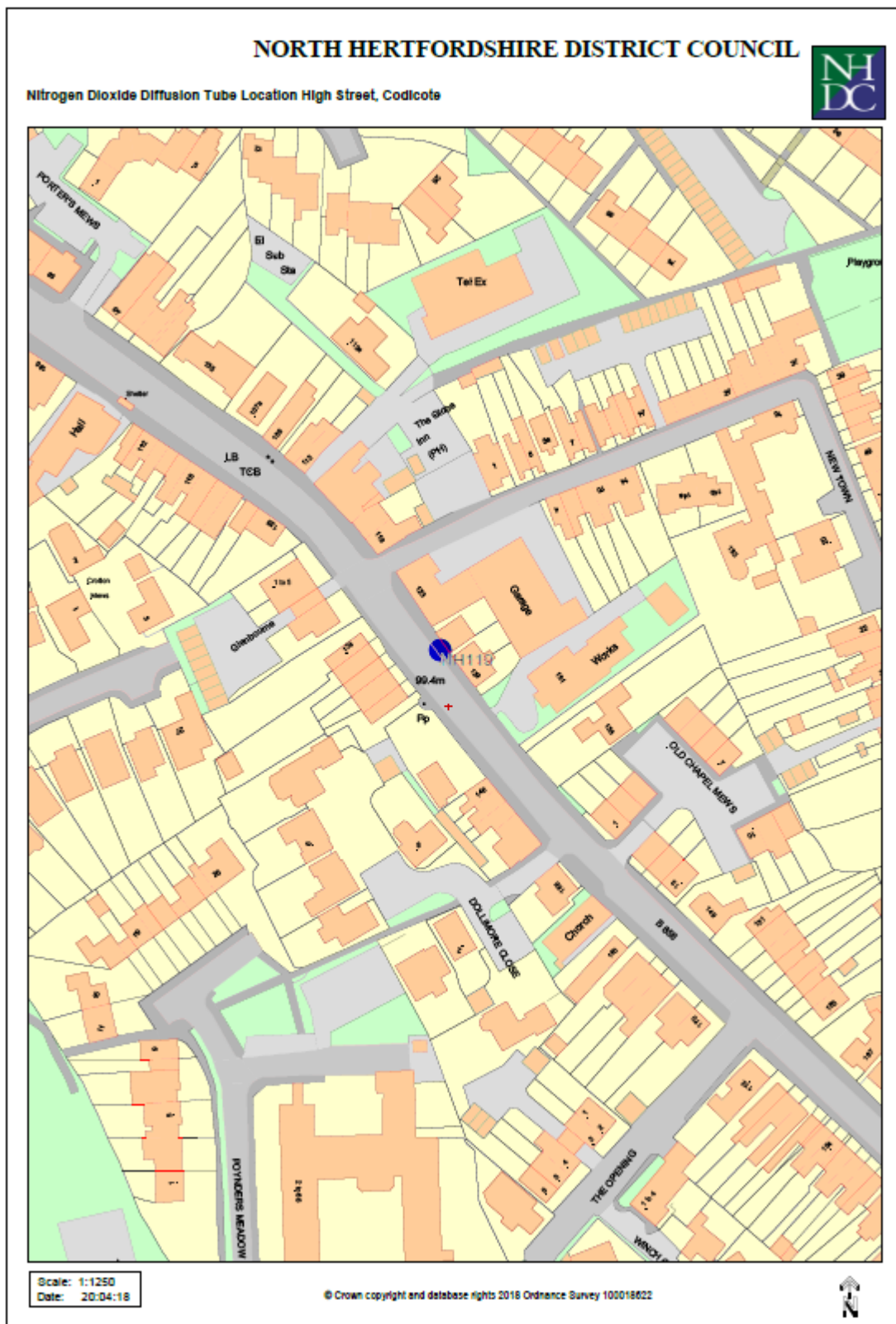


Figure D17: Diffusion Tube Monitoring Location (NH119) at High Street (125), Codicote - 2019

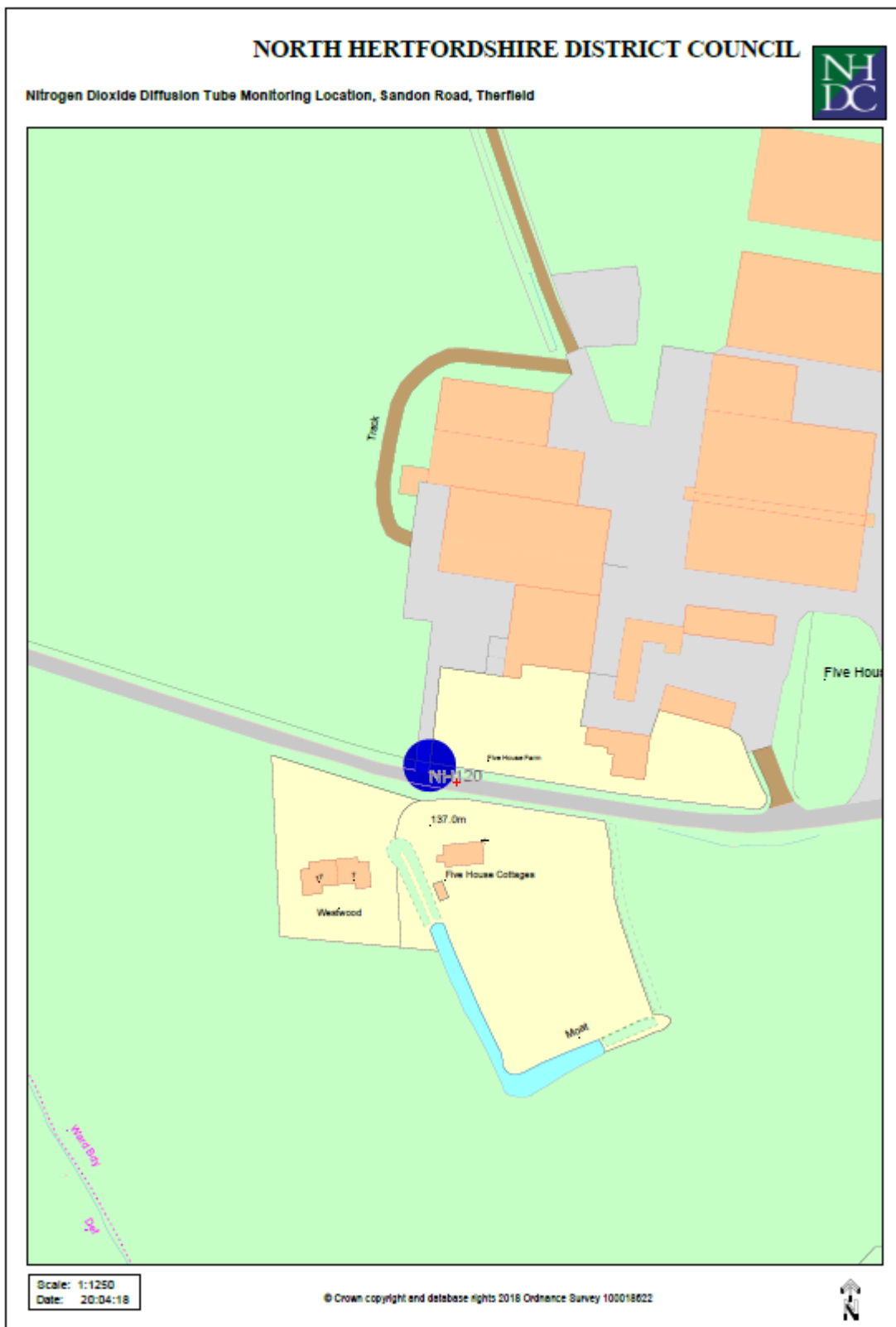


Figure D18: Diffusion Tube Monitoring Location (NH120) at Five House Farmhouse, Sandon Lane, Therfield - 2019

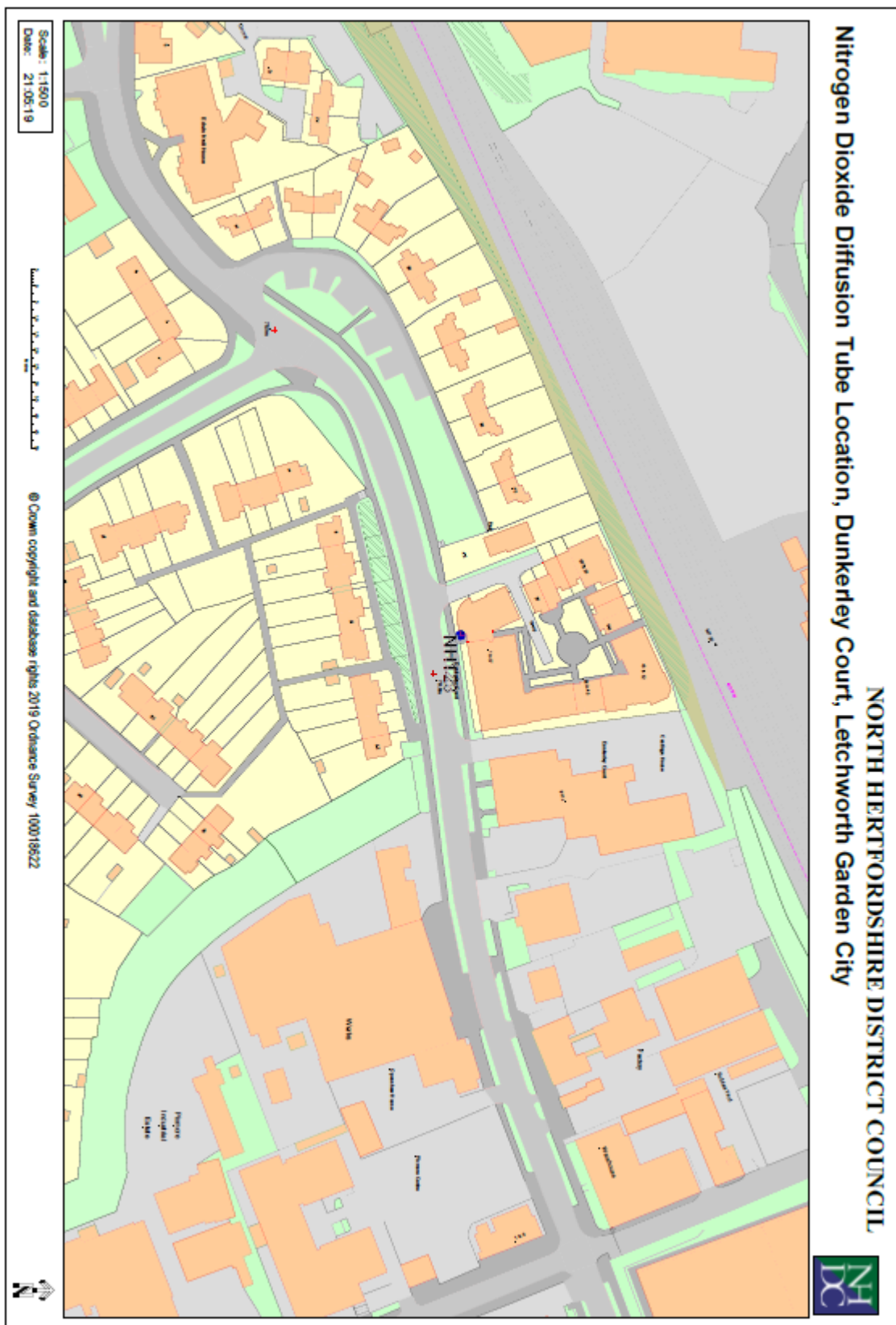
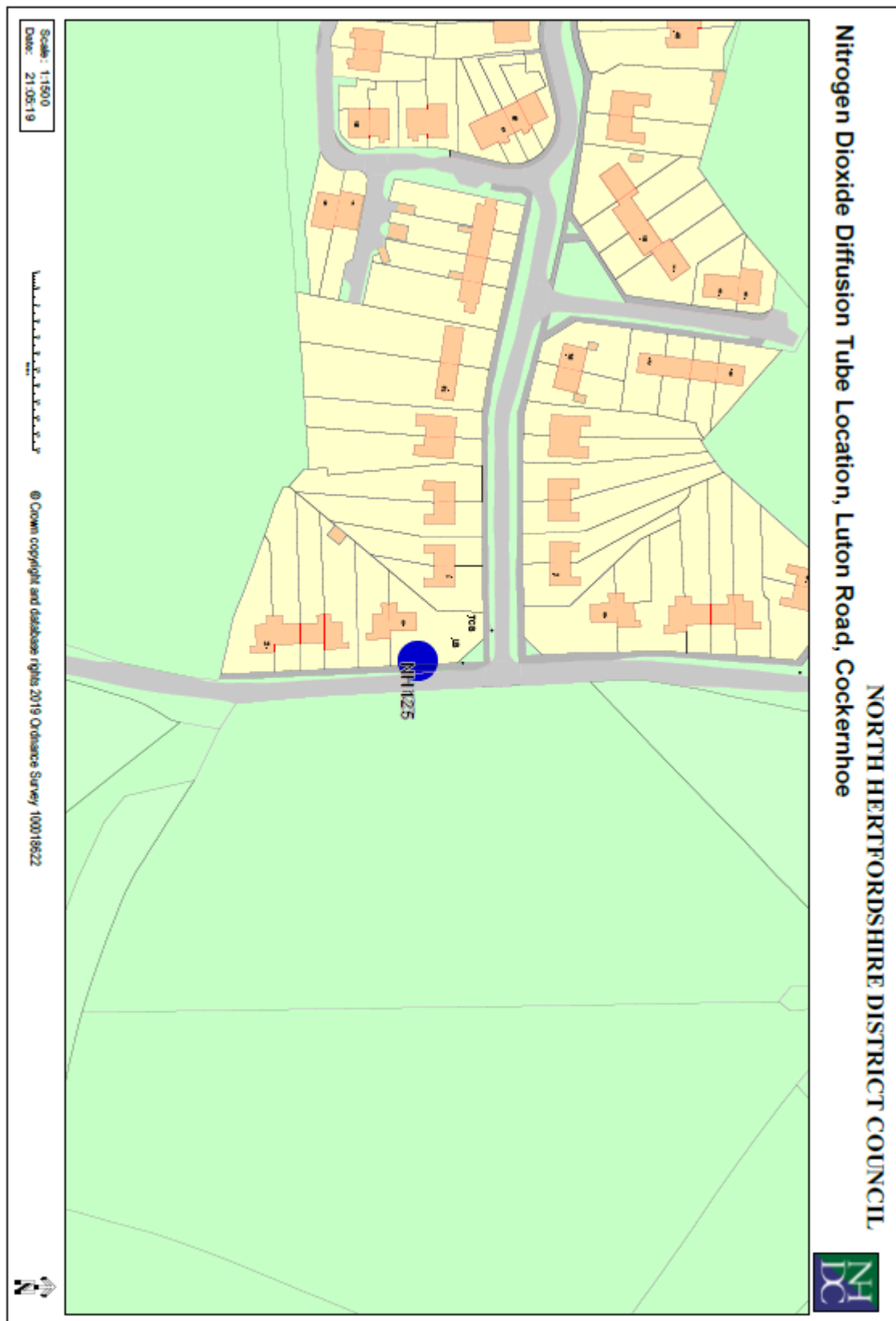


Figure D19: Diffusion Tube Monitoring Location (NH123) at Dunkerley Court, Letchworth Garden City - 2019



Figure D20: Diffusion Tube Monitoring Location (NH124) at 82 Bedford Road, Letchworth Garden City - 2019



Figure

D21: Diffusion Tube Monitoring Location (NH125) at 11 Luton Road, Cockernhoe - 2019

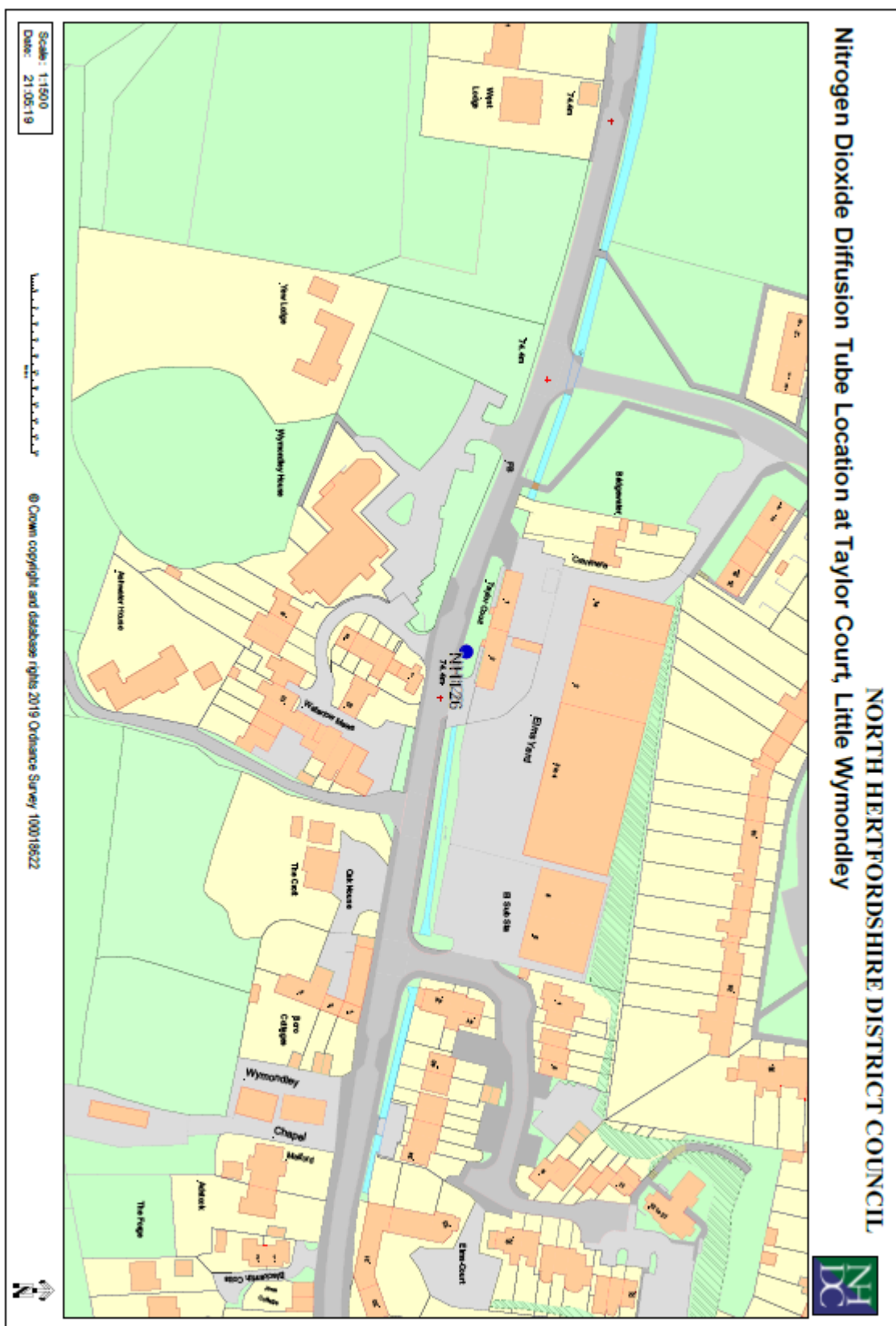


Figure D22: Diffusion Tube Monitoring Location (NH126) at 2 Taylor Court, Little Wymondley - 2019

Appendix E: Summary of Air Quality Objectives in England

Table E.1 – Air Quality Objectives in England⁷

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

⁷ The units are in microgrammes of pollutant per cubic metre of air (µg/m³).

Appendix F: Impact of COVID-19 upon LAQM

COVID-19 has had a significant impact on society. Inevitably, COVID-19 has also had an impact on the environment, with implications to air quality at local, regional and national scales.

COVID-19 has presented various challenges for Local Authorities with respect to undertaking their statutory LAQM duties in the 2021 reporting year. Recognising this, Defra provided various advice updates throughout 2020 to English authorities, particularly concerning the potential disruption to air quality monitoring programmes, implementation of Air Quality Action Plans (AQAPs) and LAQM statutory reporting requirements. Defra has also issued supplementary guidance for LAQM reporting in 2021 to assist local authorities in preparing their 2021 ASR. Where applicable, this advice has been followed.

Despite the challenges that the pandemic has given rise to, the events of 2020 have also provided Local Authorities with an opportunity to quantify the air quality impacts associated with wide-scale and extreme intervention, most notably in relation to emissions of air pollutants arising from road traffic. The vast majority (>95%) of AQMAs declared within the UK are related to road traffic emissions, where attainment of the annual mean objective for nitrogen dioxide (NO₂) is considered unlikely. On 23rd March 2020, the UK Government released official guidance advising all members of public to stay at home, with work-related travel only permitted when absolutely necessary. During this initial national lockdown (and to a lesser extent other national and regional lockdowns that followed), marked reductions in vehicle traffic were observed; Department for Transport (DfT) data⁸ suggests reductions in vehicle traffic of up to 70% were experienced across the UK by mid-April, relative to pre COVID-19 levels.

This reduction in travel in turn gave rise to a change of air pollutant emissions associated with road traffic, i.e. nitrous oxides (NO_x), and exhaust and non-exhaust particulates (PM). The Air Quality Expert Group (AQEG)⁹ has estimated that during the initial lockdown period in 2020, within urbanised areas of the UK reductions in NO₂ annual mean concentrations were between 20 and 30% relative to pre-pandemic levels, which

⁸ Prime Minister's Office, COVID-19 briefing on the 31st of May 2020

⁹ Air Quality Expert Group, Estimation of changes in air pollution emissions, concentrations and exposure during the COVID-19 outbreak in the UK, June 2020

represents an absolute reduction of between 10 to 20µg/m³ if expressed relative to annual mean averages. During this period, changes in PM_{2.5} concentrations were less marked than those of NO₂. PM_{2.5} concentrations are affected by both local sources and the transport of pollution from wider regions, often from well beyond the UK. Through analysis of AURN monitoring data for 2018-2020, AQEG have detailed that PM_{2.5} concentrations during the initial lockdown period are of the order 2 to 5µg/m³ lower relative to those that would be expected under business-as-usual conditions.

As restrictions are gradually lifted, the challenge is to understand how these air quality improvements can benefit the long-term health of the population.

Impacts of COVID-19 on Air Quality within North Hertfordshire

The following provides a summary of the key impacts of COVID-19 on monitored air concentrations within North Hertfordshire during 2020

The key information has been included within Section 3 of this ASR report, and may be summarised as follows:

- There has been a MEDIUM IMPACT on passive monitoring as defined by the Impact Matrixⁱⁱⁱ from the Covid-19 Supplementary Guidance, illustrated below as Table F1
- Only 4 separate months of monitoring data were able to be collected for 2020, January, February, November and December. This has resulted in the results being subjected to the annualization process, whereby trends from nearby automatic monitoring sites are used to predict the expected levels where there is no local data, for the months of March-October.
- Figures F3.1 to F3.3 in Section 3 summarise the trends in monitored air pollution levels within the two AQMAs registered in North Hertfordshire, AQMA1 Stevenage Road, Hitchin; and AQMA2 Payne's Park, Hitchin.
- The general traffic levels in both these AQMAs showed a very significant drop in 2020, compared to previous years. In 2020 traffic levels dropped by 26% in AQMA1 compared to the average of the previous 4 years, and by 28% for AQMA2.
- Prior to 2020, air pollution levels (for uncorrected monitoring data) for AQMA1 showed an average reduction in monitored concentrations of 5% per year between 2016 to 2019.

- Between 2019 and 2020 there was an average of a 20% reduction in monitored pollution concentrations within AQMA1.
- For AQMA1, this has now led to no results within 10% or above objective levels in the last 3 years, thus results are in compliance with the annual mean objective. On this basis, subject to confirmation from monitoring results for 2022, it is expected that the Council will be able to propose to revoke AQMA1 in 2023.
- Similarly, for AQMA2, Paynes Park, Hitchin, showed an average reduction in monitored concentrations of 4.7% per year between 2016 to 2019.
- Between 2019 and 2020 there was an average of a 18% reduction in monitored pollution concentrations within AQMA2.

Opportunities Presented by COVID-19 upon LAQM within North Hertfordshire

No LAQM related opportunities have arisen as a consequence of COVID-19 within North Hertfordshire.

Challenges and Constraints Imposed by COVID-19 upon LAQM within North Hertfordshire

- The implementation of action plan measure 1: Implementation of EcoStars Scheme in Hitchin Industrial Estate was delayed due to the Covid-19 Pandemic, where face to face contacts were restricted. **Medium Impact**
- During 2020, access to a number of diffusion tube monitoring sites was restricted due to their locations on residential buildings. Therefore, it was not possible to maintain diffusion tube exposure periods for April to June in line with the national monitoring calendar for a number of sites. This has affected data capture within 2020, resulting in monitoring sites having to be annualised. **Medium Impact**

The impacts as presented above are aligned with the criteria as defined in Table F 1, with professional judgement considered as part of their application.

Table F 1 – Impact Matrix

Category	Impact Rating: None	Impact Rating: Small	Impact Rating: Medium	Impact Rating: Large
Automatic Monitoring – Data Capture (%)	More than 75 % data capture	50 to 75 % data capture	25 to 50 % data capture	Less than 25 % data capture
Automatic Monitoring – QA/QC Regime	Adherence to requirements as defined in LAQM.TG16	Routine calibrations taken place frequently but not to normal regime. Audits undertaken alongside service and maintenance programmes	Routine calibrations taken place infrequently and service and maintenance regimes adhered to. No audit achieved	Routine calibrations not undertaken within extended period (e.g. 3 to 4 months). Interruption to service and maintenance regime and no audit achieved
Passive Monitoring – Data Capture (%)	More than 75 % data capture	50 to 75 % data capture	25 to 50 % data capture	Less than 25 % data capture
Passive Monitoring – Bias Adjustment Factor	Bias adjustment undertaken as normal	<25% impact on normal number of available bias adjustment colocation studies (2020 vs 2019)	25-50% impact on normal number of available bias adjustment studies (2020 vs 2019)	>50 % impact on normal number of available bias adjustment studies (2020 vs 2019) and/or applied bias adjustment factor studies not considered representative of local regime
Passive Monitoring – Adherence to Changeover Dates	Defra diffusion tube exposure calendar adhered to	Tubes left out for two exposure periods	Tubes left out for three exposure periods	Tubes left out for more than three exposure periods
Passive Monitoring – Storage of Tubes	Tubes stored in accordance with laboratory guidance and analysed promptly.	Tubes stored for longer than normal but adhering to laboratory guidance	Tubes unable to be stored according to be laboratory guidance but analysed prior to expiry date	Tubes stored for so long that they were unable to be analysed prior to expiry date. Data unable to be used
AQAP – Measure Implementation	Unaffected	Short delay (<6 months) in development of a new AQAP, but is on-going	Long delay (>6 months) in development of a new AQAP, but is on-going	No progression in development of a new AQAP
AQAP – New AQAP Development	Unaffected	Short delay (<6 months) in development of a new AQAP, but is on-going	Long delay (>6 months) in development of a new AQAP, but is on-going	No progression in development of a new AQAP

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
Defra	Department for Environment, Food and Rural Affairs
DMRB	Design Manual for Roads and Bridges – Air quality screening tool produced by Highways England
EU	European Union
FDMS	Filter Dynamics Measurement System
LAQM	Local Air Quality Management
NO ₂	Nitrogen Dioxide
NO _x	Nitrogen Oxides
PM ₁₀	Airborne particulate matter with an aerodynamic diameter of 10µm or less
PM _{2.5}	Airborne particulate matter with an aerodynamic diameter of 2.5µm or less
QA/QC	Quality Assurance and Quality Control
SO ₂	Sulphur Dioxide

References

- Local Air Quality Management Technical Guidance LAQM.TG16. April 2021. 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.PG16. May 2016. Published by Defra in partnership with the Scottish Government, Welsh Assembly Government and Department of the Environment Northern Ireland.

ⁱ <https://www.hertfordshire.gov.uk/services/recycling-waste-and-environment/planning-in-hertfordshire/transport-planning/local-transport-plan.aspx>

ⁱⁱ <https://www.north-herts.gov.uk/files/ed14-nhdc-transport-strategy-october-2017pdf-0>

ⁱⁱⁱ <https://laqm.defra.gov.uk/wp-content/uploads/2021/08/Covid-19-Supplementary-Guidance-for-Local-Air-Quality-Management-Reporting-in-2021-v1.pdf>

1. Public Health England. Air Quality: A Briefing for Directors of Public Health, 2017
2. Defra. Air quality and social deprivation in the UK: an environmental inequalities analysis, 2006
3. Defra. Air quality appraisal: damage cost guidance, July 2020
4. Public Health England. Estimation of costs to the NHS and social care due to the health impacts of air pollution: summary report, May 2018
5. Defra. Clean Air Strategy, 2019
6. DfT. The Road to Zero: Next steps towards cleaner road transport and delivering our Industrial Strategy, July 2018
7. The units are in microgrammes of pollutant per cubic metre of air ($\mu\text{g}/\text{m}^3$).
8. Prime Minister's Office, COVID-19 briefing on the 31st of May 2020
9. Air Quality Expert Group, Estimation of changes in air pollution emissions, concentrations and exposure during the COVID-19 outbreak in the UK, June 2020

HITCHIN COMMITTEE 28th June 2022

*PART 1 – PUBLIC DOCUMENT

TITLE OF REPORT: GRANTS & COMMUNITY UPDATE

REPORT OF: THE POLICY & COMMUNITIES MANAGER

EXECUTIVE MEMBER: COMMUNITY ENGAGEMENT

CURRENT COUNCIL PRIORITIES: PEOPLE FIRST, SUSTAINABILITY, A BRIGHTER FUTURE TOGETHER

1 EXECUTIVE SUMMARY

- 1.1 To advise the Members on the current expenditure and balances of the Committee Grant budgets.
- 1.2 To bring to the Members' attention recent requests received for Committee grant funding, made by community groups and local organisations.
- 1.3 To advise of the activities and schemes with which the Community Engagement officers have been involved in.
- 1.4 To bring to the Members' attention some important community-based activities that will take place during the next few months.

2 RECOMMENDATIONS

- 2.1 That the Committee considers allocating funding from their discretionary community budget towards the projects below:
- 2.2 **£1,035** to Back2Schoolival CIC towards a project that will support the creation of volunteering/work experiences for local students in the North Hertfordshire area as outlined in paragraph 8.1.1 of the officer's report.
- 2.3 **£1,100** to Hitchin Fun Club towards funding to help cover the cost of their annual Holiday Clubs as outlined in 8.1.2 of the officer's report.
- 2.4 **£1,000** to The Creative Mental Health Charity PoetsIN towards delivering ten of their One Hour Wellbeing Workshops to Hitchin-based schools as outlined in 8.1.3 of the officer's report.
- 2.5 That the Committee be recommended to endorse the actions taken by the Community Engagement team to promote greater community capacity and well-being for Hitchin.

3. REASONS FOR RECOMMENDATIONS

- 3.1 To ensure the Members are kept informed of the work of the Community Engagement Team.
- 3.2 This report is intended to inform Members of the financial resources available. It draws attention to the current budgetary situation by assisting in the effective financial management of budgets. This ensures that all actions are performed in line with the Authority's Financial Regulations, the Council's Constitution, and the guidance of the existing Grants policy as agreed by Cabinet in January 2020.
- 3.3 The awarding of financial assistance to voluntary organisations and the use of discretionary spending allows the Committee to further the aims of the Council Plan.

4. ALTERNATIVE OPTIONS CONSIDERED

- 4.1. Delay decisions until the Committee meets in person, which is not considered the best option as many community organisations rely on such grants.

5. CONSULTATION WITH RELEVANT MEMBERS AND EXTERNAL ORGANISATIONS

- 5.1 Consultation with Members has occurred in connection with the allocation of funds for Community Projects.
- 5.2 Consultation with the respective officers and external bodies/groups has taken place regarding funding proposals for Committee Funds.

6. FORWARD PLAN

- 6.1 This report does not contain a recommendation on a key Executive decision and has therefore not been referred to in the Forward Plan.

7. BACKGROUND

- 7.1 With reference to the Council's Constitution, Section 9.3 Area Committees will include budgets for the purpose of providing grants and discretionary budgets that may be used within the area of the Committee for economic, social and environmental well-being.
- 7.2 Members are asked to note the information detailed in Appendix 1. Hitchin Area Committee Budget spreadsheet, which relates to the Area Committee budget balances for 2022/23. The spreadsheet also details pre-allocated sums carried forward from the previous financial years, including balances and past expenditure.

8. RELEVANT CONSIDERATIONS

Councillors are at liberty to consider any amount requested in a grant application as long as the Hitchin Area Committee has sufficient funds in the 2022/2023 budget.

8.1 Grant Applications

8.1.1

Applicant Project	Back2Schoolival CIC This project will support the creation of volunteering / work experiences for local students in the North Hertfordshire area.
Sum requested	£1,035
Total project cost	£1,035
Previous support	No
NHDC Policy met	Yes
Council objectives	People First

- 8.1.2 This project will support the creation of volunteering/work experiences for local students in the North Hertfordshire area. Back2Schoolival CIC will use their annual rugby and netball festival as the focal point for these opportunities with the students to be present on the day (Friday 12th and Saturday 13th August).
- 8.1.3 They will work with professionals in fields such as journalism, photography and videography who will arrange pre-event workshops for students interested in their discipline. As an example, the event photographer would run a workshop in June where the focus would be on preparing the students for the event in August. The workshop would focus on pre-event preparation and planning and how to utilise the skills and techniques the students would have picked up in class. The workshop would then focus on how to operate as a freelance photographer, how they have set themselves up and how they approach the event with the client in mind.
- 8.1.4 At the event itself, the professional would then shadow students, talking through how they operate on the day and how they make sure they get all the content they require. The students would then have plenty of time to go around the event on their own, putting everything they have learned into practise. Finally, after the event the photographer would then run another workshop for the students to discuss how to manage the editing process and how to prepare everything to present it to the client.
- 8.1.5 The workshops would be open to any 16-21 year olds to attend, ensuring any students can access the learnings and benefit from the professional advice. Opportunities on the day would then be split into a rota basis to ensure as many students can attend on the day.
- 8.1.6 This project is targeted at 16–21-year-olds in the North Hertfordshire district. The opportunities will be aimed at students who are studying in fields such as English (journalism) or the arts (photography or videography) to build on what they have learned in school and to give them the chance to transfer these skills into a real-life setting. The opportunities will be open for any 16–21-year-olds in the area even if photography is just a passion but current students are the target.

- 8.1.7 There will be 90 spaces for North Hertfordshire-based 16–21-year-olds on the three workshops. There will then be 25 opportunities for the students to attend the event itself. The workshop dates are not yet confirmed but will include a pre-event workshop (before Friday 12th August), a post event (after Sunday 14th August) and on the day support at the event (12th and 13th August).
- 8.1.8 Back2Schoolival CIC have established links with the local schools and colleges to communicate the opportunities directly to the students. They have a social media presence so will also utilise this communication stream as well as leaning on relationships they have with local sports clubs for example, who can share the information with their younger players.
- 8.1.9 For many young people, the opportunity of working for yourself and operating on a freelance basis is now a realistic career path. Especially in fields such as professional sports photography, there are now many more opportunities and increasing opportunities for women. Thriving and resilient communities need a diversity in job opportunities and an ability for young people to feel supported and confident in starting out on their own.
- 8.1.10 This ties in with creating an enterprising and co-operative community. Giving local, North Hertfordshire-based students opportunities like this will instil confidence in creating enterprising opportunities such as freelance operations. Through a project like this where a non-profit such as Back2Schoolival CIC puts on opportunities like this for free, they hope that students will be enthused to continue to work cooperatively and appreciate the strength of community.

8.1.11

Applicant Project	Hitchin Fun Club
Sum requested	Funding to help cover the cost of their annual Holiday Clubs.
Total project cost	£1,100
Match funding	£1,300
Previous support	£200 generated by new membership fees and income from club.
NHDC Policy met	No
Council objectives	Yes
	People First

- 8.1.12 Hitchin Fun Club would like funding to help cover the cost of their annual Holiday Clubs. The funding will be used to purchase additional equipment and supplies required and cover the cost of a programme of events and activities which they have designed to keep the children engaged, fit, healthy and happy whilst attending Holiday club. This service provides essential childcare for local families. They would like to arrange for a couple of trips or visits as an extra treat for the children during the Summer holiday club.

- 8.1.13 Equipment to be purchased would include scooters, trikes and hard helmets. New sports equipment including bats, balls and mats. New outdoor play equipment including water play table, pop up tents and bubble machines. Art and craft materials, party supplies and games. Additional food items will need to be purchased for food tasting, fruit fun days and baking/cooking sessions. Small prizes and rewards will be purchased also for team games and end of term parties. In line with Government guidelines protective measures will still be in place throughout the year and as a result they also need to invest in the additional cleaning products such as hand gels, sanitisers and tissues required to practice good hygiene.
- 8.1.14 Local children and families benefit from Hitchin Fun Club. As a not-for-profit club they are run purely for the benefit of the children and fees are kept low to make the club accessible for all working parents. Hitchin Fun Club have 35 child places available each day. Hitchin Fun Club Holiday Club is available to all families in the North Hertfordshire area and is based within a setting at Highbury Infant School, Hitchin. It is open during the term-time of Highbury School (excluding Bank Holidays) and open from schools' finishing times to 6pm.
- 8.1.15 Emails and booking forms have already been sent out to existing parents who have first refusal on access to Summer holiday club places. The after school and holiday clubs are advertised within the school grounds. Details are also available on their new, updated website, which includes all information regarding the club, prices, upcoming events and payments. The website also provides access to online registration and waiting list forms.
- 8.1.16 Hitchin Fun Club staff are well trained and have been employed at the club for several years so there is a stable team which helps the children to feel safe and secure. It is vitally important that the children feel safe and secure in an environment which is both welcoming and fun.
- 8.1.17 Their school holiday club project meets the Council's objectives by providing an extra level of childcare to the local community of Hitchin. It is fully supported by both their current after school club parents and many local families who need holiday club facilities. Repeat bookings are high and the club is well attended throughout the year and hopefully, with extra funding, the club can continue to run successfully for many more years to come. Ensuring continued work for their local staff members and providing quality, low-cost care for local children.

8.1.18

Applicant Project	The Creative Mental Health Charity PoetsIN
	Delivering ten of their One Hour Wellbeing Workshops to Hitchin-based schools.
Sum requested	£1,000
Total project cost	£1,200
Match funding	£200 Green Policy Levy and Reserve Funds.
Previous support	No
NHDC Policy met	Yes
Council objectives	People First A Brighter Future Together

- 8.1.19 The Creative Mental Health Charity PoetsIN will be delivering ten of their One Hour Wellbeing Workshops to Hitchin based schools, which are fun, informative and interactive, and leave the participants armed with tools to manage anxiety, worry, stress and wellbeing; having been signposted to many more tools for life (wellbeing, mindfulness, depression and anxiety management).
- 8.1.20 Each workshop can have up to 30 participants, which means for as little as £3.33 per person (in funding from the council), 300 children, young people and adults will receive immediate wellbeing as well as being shown tools that will manage mental health for life – for both themselves and others that they themselves may signpost to.
- 8.1.21 Predominantly, they are looking to focus on children in Hitchin, to help tackle the mental health and suicide crisis currently being seen in children and young people. These will be ages nine and upwards to 18, either in schools face to face or via Zoom if that is a preferred method.
- 8.1.22 If the need is there for some Hitchin-based adults, they can assign that accordingly and end up with a mix of ages benefitting from their creative mental health tools and programmes. In a literal sense, 300 will benefit initially across 10 One Hour Wellbeing Workshops. However, the secondary benefit of them passing on tools and methods could easily be estimated at a further 600. This is something that they commonly see; with word of mouth spreading after such positive interactions with their lived experience team.
- 8.1.23 Once funding is allocated, they would look at rolling out the workshops as soon as possible, with their primary focus being in schools. If the funding landed in July, this would afford them a few weeks of school term time before summer holidays to deliver. They will then utilise the remainder after the summer holidays. It will be delivered within schools in the Hitchin.
- 8.1.24 They have excellent social media presence and are members of many online and in-person local community groups and committees. They also have \$10k of PPC campaigns from Google per month that they can use accordingly. Their PR company can also send out a press release to local press, and they have regular contact with and a campaign through Heart FM.
- 8.1.25 Not only are they meeting the Council's objective of being more welcoming and inclusive, but they are in fact echoing their own mission statement: PoetsIN will continuously strive to maintain a community that is INspiring, INclusive, INformative, and one that recognises the INdividuality in each person, through creative programmes, one-to-one support services, a supportive online community, and a team of caring, professional, and dedicated staff and volunteers. These workshops will help to do this whilst stripping away the stigma attached to mental health for the greater good.

- 8.1.26 The tools they teach through activities in the workshops, combined with the signposting to further free tools on their website have delivered incredible, measured results. There is no greater resilience than to manage ones wellbeing to be able to deal with the challenges life throws at us; which in turns filters through to social, home and work life. It couldn't be more resilience building. 100% of children on their programmes said they were more in control of their symptoms, 100% said it had taught them self-care and 100% said it had been valuable to them.
- 8.1.27 On a more literal level, their Green Policy puts a surcharge of an extra 10% on any interventions that could be delivered virtually but are insisted upon being in-person (where the service users don't necessarily require it). Therefore this grant helps sustain them as a charity and will pave the way for more levies to more organisations.
- 8.1.28 There is a mental health crisis currently, throughout all ages and backgrounds. This is a very real environmental stress on all. Their workshops are helping to alleviate this whilst the waiting list for traditional support can be months and months and mean the difference between life and death.

8.2 Community Engagement Update and previous grants awarded

8.2.1 Community Engagement Team

The team have been continuing to engage and network with local community groups and initiatives. This involved:

- Processing grants to utilise the Health Protection Board funding to assist the community's recovery following the Covid 19 Pandemic.
- Supporting various local and district wide Network Groups such as Youth Action, Food Provision, the Arts and Culture Network and the Westmill Network Group.
- Supporting the first Hitchin Eco Day event.
- Arranged for a fully sponsored place on the Rotary Youth Leadership Awards weekend for our Chair's Community Recognition Awards Young Star award winner.
- Facilitating the NHC Hitchin Councillors' Community Surgeries.
- Continuing to share and disseminate information on social media and to mailing lists, keeping in touch with the community, voluntary, statutory, and non-statutory agencies.
- Attending JAG (Joint Action Group) and SAG (Safety Advisory Group) meetings to pass on and share information.
- Sharing information and assisting groups with events planned for the Queen's Platinum Jubilee weekend.
- Gathering speakers and information for the Cabinet Panel for Community Engagement and Co-operative Development.
- Working more closely with North Herts Youth Strategy Partnership Group.
- We also have a new team member, Aimee Flack, who will be covering Southern Rural.

8.2.2 Update on Previous Grants Awarded

- Ravidassia Community Centre – update
Work is now complete and the Engagement team have been to see the finished kitchen.



- Quaker Meeting House – update
Work is now complete on the Hitchin Unity Sculpture and the Hitchin Committee members, and the Engagement team, have been invited to the opening ceremony on July 2nd.



8.3 Highways Matters

- 8.3.1 This section is included within the community update report for each committee cycle to facilitate debate and enable appropriate feedback on any of the proposed or listed Highways related schemes.
- 8.3.2 Any new proposals or revised schemes will be forwarded to the respective Herts County Councillor for consideration who will in turn report back and advise the Committee accordingly.

9. LEGAL IMPLICATIONS

- 9.1 Sections 9.8.1 (a) and 9.8.1 (b) of the Council's Constitution in respect of the Area Committees' Terms of Reference, notes the following: To allocate discretionary budgets within the terms determined by the Council and to allocate devolved budgets and activities within the terms determined by the Council. This is outlined in the current Grant Policy agreed by Cabinet in July 2021. Section 9.8.2 (h) of the Constitution in respect of Area Committees' Terms of Reference notes that they may: Establish and maintain relationships with outside bodies/voluntary organisations operating specifically with the area including, where appropriate, the provision of discretionary grant aid/financial support etc. but excluding grants for district-wide activities.
- 9.2 Chapter 1, s1-8 of the Localism Act 2011 provides a General Power of Competence which gives local authorities the powers to do anything provided that it is not specifically prohibited in legislation.
- 9.3 Section 137 of the Local Government Act 1972 provides specific authority for the Council to incur expenditure on anything which is in the interests of and will bring direct benefit to its area. This includes a charity or other body operating for public service.

10. FINANCIAL IMPLICATIONS

- 10.1 As outlined in Appendix 1. Hitchin Area Committee Budget spreadsheet.
- 10.2 The current 2022/23 base budget is **£11,000**, with **£775** carried forward from the 2021/22 budget. This leaves a budget available of **£11,775**.
- 10.3 The grant applications for this meeting total **£3,135** and if the Members agree the grants outlined in this report this will leave a balance of **£8,640**.

11. RISK IMPLICATIONS

- 11.1 There are no relevant risk entries that have been recorded on Pentana Risk, the Council's performance and risk system. Individual events should have their own risk assessments in place to mitigate any health and safety issues. Whenever a request for grant funding for equipment is received, the recipient of the funding will be advised to obtain insurance for the item to avoid a repeat request for funding in the event of the equipment being stolen or damaged. There are no pertinent risk implications for the Authority associated with any items within this report.

12. EQUALITIES IMPLICATIONS

- 12.1. In line with the Public Sector Equality Duty, public bodies must, in the exercise of their functions, give due regard to the need to eliminate discrimination, harassment, victimisation, to advance equality of opportunity and foster good relations between those who share a protected characteristic and those who do not.
- 12.2. Area committee funding is awarded to community groups that clearly demonstrate positive impact on the community and wider environment. The projects outlined in this report seek to advance equality of opportunity and foster good relations. Certain projects outlined in this report are targeted towards specific age groups (see sections 8.1.1, 8.1.2 and 8.1.3). Age is recognised as a protected characteristic, and these projects seek to advance equality of opportunity for individuals within these age groups.

13. SOCIAL VALUE IMPLICATIONS

- 13.1. The Social Value Act and “go local” requirements do not apply to this report.

14. ENVIRONMENTAL IMPLICATIONS

- 14.1 None

15. HUMAN RESOURCE IMPLICATIONS

- 15.1 There are no pertinent Human Resource implications associated with any items within this report.

16. APPENDICES

- 16.1 Appendix 1. Hitchin Area Committee Budget spreadsheet

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18. BACKGROUND PAPERS

18.1 Review of Policies and Procedures for Financial Assistance to Voluntary and Community Organisations, November 2002.

18.2 Review of Grant policy, Cabinet July 2021.

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HITCHIN AREA COMMITTEE BUDGET 2022/23

SUMMARY/ TOTALS	Funding	Allocated	Spent	Outstanding	Unallocated Budget					
<u>Budget brought forward from 2021/22</u>	£775	£0	£0	£0	£775					
<u>Budget 2022/23</u>	£11,000	£0	£0	£0	£11,000					
Total	£11,775	£0	£0	£0	£11,775					

	<u>Funding</u>	<u>Code</u>	<u>Project</u>	<u>Allocated</u>	<u>Date</u>	<u>Spent</u>	<u>Outstanding</u>	<u>Unallocated</u>	
Funds Brought Forward from 2021/22	£775						£0		
							£0		
Total	£775			£0		£0	£0	£775	

	Funding	Code	Project	Allocated	Date Allocated	Spent	Outstanding	Unallocated Budget	Comments
2022/23 Base Budget	£11,000						£0		
							£0		
							£0		
							£0		
Total	£11,000			£0		£0	£0	£11,000	

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