

Thurrock - An ambitious and collaborative community which is proud of its heritage and excited by its diverse opportunities and future

Cleaner, Greener and Safer Overview and Scrutiny Committee

The meeting will be held at **7.00 pm** on **8 November 2022**

Committee Room 2, Civic Offices, New Road, Grays, Essex, RM17 6SL.

Membership:

Councillors Joycelyn Redsell (Chair), Gary Byrne (Vice-Chair), Daniel Chukwu, Sara Muldowney, Maureen Pearce and Elizabeth Rigby

Substitutes:

Councillors Alex Anderson, Paul Arnold, John Kent, Steve Liddiard and Graham Snell

Agenda

Open to Public and Press

	Page
1. Apologies for Absence	
2. Minutes	5 - 14
To approve as a correct record the minutes of the Cleaner, Greener and Safer Overview and Scrutiny Committee meeting of 8 September 2022 held on 11 October 2022.	
3. Items of Urgent Business	
To receive additional items that the Chair is of the opinion should be considered as a matter of urgency, in accordance with Section 100B (4) (b) of the Local Government Act 1972. To agree any relevant briefing notes submitted to the Committee.	
4. Declaration of Interests	
5. Essex Police - Verbal Update	

- | | | |
|-----------|---|------------------|
| 6. | Fees and Charges Pricing Strategy 2023/24 | 15 - 42 |
| 7. | Annual Status Report on Air Quality in Thurrock | 43 - 156 |
| 8. | Overview of Responsibilities of Portfolio Holder for Environment, Sports and Leisure - Verbal Update | |
| 9. | Work Programme | 157 - 158 |

Queries regarding this Agenda or notification of apologies:

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Agenda published on: **31 October 2022**

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DECLARING INTERESTS FLOWCHART – QUESTIONS TO ASK YOURSELF

Breaching those parts identified as a pecuniary interest is potentially a criminal offence

Helpful Reminders for Members

- *Is your register of interests up to date?*
- *In particular have you declared to the Monitoring Officer all disclosable pecuniary interests?*
- *Have you checked the register to ensure that they have been recorded correctly?*

When should you declare an interest at a meeting?

- **What matters are being discussed at the meeting?** (including Council, Cabinet, Committees, Subs, Joint Committees and Joint Subs); or
- If you are a Cabinet Member making decisions other than in Cabinet **what matter is before you for single member decision?**



Does the business to be transacted at the meeting

- relate to; or
- likely to affect

any of your registered interests and in particular any of your Disclosable Pecuniary Interests?

Disclosable Pecuniary Interests shall include your interests or those of:

- your spouse or civil partner's
- a person you are living with as husband/ wife
- a person you are living with as if you were civil partners

where you are aware that this other person has the interest.

A detailed description of a disclosable pecuniary interest is included in the Members Code of Conduct at Chapter 7 of the Constitution. **Please seek advice from the Monitoring Officer about disclosable pecuniary interests.**

What is a Non-Pecuniary interest? – this is an interest which is not pecuniary (as defined) but is nonetheless so significant that a member of the public with knowledge of the relevant facts, would reasonably regard to be so significant that it would materially impact upon your judgement of the public interest.

Pecuniary

If the interest is not already in the register you must (unless the interest has been agreed by the Monitoring Officer to be sensitive) disclose the existence and nature of the interest to the meeting

If the Interest is not entered in the register and is not the subject of a pending notification you must within 28 days notify the Monitoring Officer of the interest for inclusion in the register

Unless you have received dispensation upon previous application from the Monitoring Officer, you must:

- **Not participate or participate further in any discussion of the matter at a meeting;**
- **Not participate in any vote or further vote taken at the meeting; and**
- **leave the room while the item is being considered/voted upon**

If you are a Cabinet Member you may make arrangements for the matter to be dealt with by a third person but take no further steps

Non- pecuniary

Declare the nature and extent of your interest including enough detail to allow a member of the public to understand its nature



You may participate and vote in the usual way but you should seek advice on Predetermination and Bias from the Monitoring Officer.

Our Vision and Priorities for Thurrock

An ambitious and collaborative community which is proud of its heritage and excited by its diverse opportunities and future.

1. **People** – a borough where people of all ages are proud to work and play, live and stay
 - High quality, consistent and accessible public services which are right first time
 - Build on our partnerships with statutory, community, voluntary and faith groups to work together to improve health and wellbeing
 - Communities are empowered to make choices and be safer and stronger together

2. **Place** – a heritage-rich borough which is ambitious for its future
 - Roads, houses and public spaces that connect people and places
 - Clean environments that everyone has reason to take pride in
 - Fewer public buildings with better services

3. **Prosperity** – a borough which enables everyone to achieve their aspirations
 - Attractive opportunities for businesses and investors to enhance the local economy
 - Vocational and academic education, skills and job opportunities for all
 - Commercial, entrepreneurial and connected public services

Minutes of the Meeting of the Cleaner, Greener and Safer Overview and Scrutiny Committee of the 8 September 2022, held on the 11th October 2022 at 7.00 pm

Present: Councillors Joycelyn Redsell (Chair), Daniel Chukwu, Sara Muldowney, Elizabeth Rigby and Paul Arnold (Substitute) (substitute for Maureen Pearce)

Apologies: Councillor Pearce and Daren Spring, Assistant Director Street Scene and Leisure

In attendance: Michelle Cunningham, Thurrock Community Safety Partnership Manager
Steve Skinner, Grays Athletic Football Club
Susan Reddick, Contracts Manager.
Vincent Taylor, Strategic Lead for Clean and Green Services
Cheryl Wells, Emergency Planning and Resilience Manager
Rhiannon Whiteley, Senior Democratic Services Officer

Before the start of the Meeting, all present were advised that the meeting may be filmed and was being recorded, with the audio recording to be made available on the Council's website.

8. Minutes

The minutes of the Cleaner, Greener and Safer Overview and Scrutiny Committee on 14 June 2022 were approved as a true and correct record of the meeting.

9. Items of Urgent Business

Steve Skinner from Grays Athletic Football Club gave a presentation to the meeting.

Steve Skinner explained that the Football Club is 132 years old, it was based in Grays from 1906 -2010. In 2010 the ground in Bridge Road was sold by the owners for re-development and the football club did not receive any of the proceeds of sale. The S106 money of £511,000 went into other projects over the years and the breakdown of how this was spent is on public record. The football club has been looking for another ground since this time.

It is a 100% fan owned club. It runs 28 football teams with around 400 players.

The football club has recently had a meeting with Council Planning officers Sean Nethercott and Leigh Nicholson with regard to the local plan and the Club has conveyed to the Council Officers they would like the location of any new ground to be where the other sporting facilities are around Blackshots or Treetops. Thurrock is an under provided area for football and could be eligible for up to 70% funding from the football foundation to build a community football facility.

Steve Skinner highlighted to Councillors that sport is one of the best ways to reduce anti-social behaviour as it gives young people something to do as they will be taking young people off the streets and into activities where they will be training twice a week and playing a match at the weekends.

Steve Skinner also explained to the meeting that the new Football ground could be built in an environmentally friendly way and stated that Princes Park in Dartford is a good example of an environmentally friendly football ground.

The Chair thanked Steve Skinner for attending the meeting.

10. Declaration of Interests

No interests were declared.

11. Overview of responsibilities of Portfolio Holder for Environment, Sports and Leisure - Verbal Update

Councillor Jefferies invited the Committee to ask him questions.

Councillor Muldowney stated that there has been lots of disruptions to the bin collection services over the last couple of years and queried what contingency plans were in place to stop the impact from the Just Stop Oil protestors on the waste collection services.

Councillor Jefferies explained that it was difficult to predict that the protestors would dig a tunnel or glue themselves to the road. As there is only one way in and one way out of the depot it did cause disruption to the service and action was taken as soon possible to arrange for the bin collection vehicles to access the site from a different road.

Councillor Jefferies confirmed the actions of the protestors wasn't the sole reason for problems with the bin collections. A whole host of reasons have contributed towards disruptions to the service such as industrial action and poor working relations. There is a shortage of drivers and a lot of agency drivers, they are now encouraging agency staff to apply to become permanent employees to reduce the dependency on agency staff.

Councillor Muldowney asked if the reason there was reduced numbers of staff was because they were planning to move to two weekly green bin collections.

Councillor Jefferies confirmed that they were going to introduce changes to the frequency of collections in September 2022 and therefore that decision was made. However, once that decision was changed they did start to employ people again.

Councillor Muldowney asked when the decision was made to delay the changes until next year.

Councillor Jefferies said he believed he said it at Full Council early in the Summer but would have to check the date.

Councillor Muldowney requested further information about the reasons for the decision.

Councillor Jefferies clarified that it was to do with the Environment Act and changes the Government is introducing regarding separate food waste collection and therefore it was decided it was best to hold off. He added that there was also a need to stabilise the service and ensure that bins were being collected when they were supposed to be before making further changes. Councillor Jefferies also stated that he understood that the Government may be providing additional funding for Councils relating to waste collection.

Councillor Muldowney requested confirmation of when collection of the brown bins will be reinstated.

Councillor Jefferies confirmed that from next week all 3 bins will be collected. Councillor Jefferies clarified the decision was made to stop the blue bins as they couldn't collect all 3 bins due to worker shortages, so they had to suspend the blue bins service. Things have settled down now and normal services can resume.

Councillor Arnold asked if there was now a plan in place to overcome the difficulties with recruiting drivers.

Councillor Jefferies confirmed that they are now recruiting drivers and loaders. They have made sure that they have a baseline and if they get close to that baseline they will advertise jobs.

Councillor Redsell highlighted that Members do appreciate the hard work the drivers and loaders do.

Councillor Jefferies confirmed they have taken steps to make employees feel more valued and they have introduced shorts for employees to wear in the summer, water and suntan lotion has been provided and safari style hats to protect their necks when working in the sun.

Councillor Chukwu queried how many street cleaners there are in Chadwell.

The Strategic Lead for Clean and Green Services confirmed that there are two.

Councillor Muldowney queried when the recycling KPI will be reinstated.

Councillor Jefferies confirmed that he cannot give a specific date today, with the situation with missed bin collections figures are not likely to be accurate. He confirmed that he wanted to set a KPI when they can accurately see what is going on.

Councillor Muldowney requested sight of the report prepared by the external Consultant following his review of the service and queried why it had not been brought to the Overview and Scrutiny Committee.

Councillor Jefferies stated that back in July there was a full review of the service by an outside Consultant. Some of the suggested improvements have been implemented already. There is now a Waste Board which relevant Officers sit on. There have been changes to how missed bins and complaints are recorded. There is now a health and safety representative on site for workers to raise issues with and additional training has been put in place. Improvements have been made to the depot and to the working conditions so that workers feel valued. Councillor Jefferies estimated that the full findings of the review will be made available by the beginning of next year and he stated that has only seen parts of the report as some of it was redacted due to employment reasons.

The Chair queried if a small food bin is being introduced.

Councillor Jefferies clarified that is one of the changes they are looking introduce which will be a small caddy for people to put in their kitchens for food waste which can then be emptied into a large lockable food waste bin stored outside. This will be introduced gradually across the Borough.

Councillor Jefferies left the meeting.

12. Council Funded Police Officers

The Thurrock Community Safety Partnership Manager presented the report on Council Funded Police Officers. The report provides members with an insight as to the remit of the team, their progress and some of their key successes.

The Thurrock Community Safety Partnership Manager explained that there are 4 Council funded officers who are a dedicated resource for Tilbury and Purfleet and they are funded until February 2024. Since their inception confidence in local policing has increased by 19%.

The Thurrock Community Safety Partnership Manager updated the Committee that since writing the report there is an update on Operation Savage and to date 4 arrests have been made and 3 vehicles seized.

The Chair commented that residents want to see the police and not just in the town centres. The Chair stated that on page 21 it says that 717 hours were spent on patrol, she queried the location of the patrols.

Councillor Chukwu left the meeting at 19.56.

The Thurrock Community Safety Partnership Manager confirmed that Inspector Fisher from Essex Police would be able to answer this question better but unfortunately could not attend the meeting. She confirmed in Tilbury it would include Civic Square and Daisy park and in Purfleet it is concentrated on the Garrison Parade, down the London Road to the riverside.

Councillor Arnold queried the meaning of retail crime.

The Thurrock Community Safety Partnership Manager confirmed that would cover shoplifting and anti-social behaviour in some of the shops in Gray's High Street. The Business Crime Team work with shop staff and provide crime prevention advice and encourage reporting. A lot of work has been done on the Garrison Parade too by this team.

Councillor Arnold queried the average time an officer would spend on patrol.

The Thurrock Community Safety Partnership Manager confirmed she would need to ask the Police to answer that question.

Councillor Muldowney queried if the Police had been funded by the increase in Council tax rises. She commented that it seemed a little unfair that only small areas are getting the benefits of these extra police if all residents were paying towards it.

The Thurrock Community Safety Partnership Manager confirmed that this question would need to be raised with the Police, Fire and Crime Commissioner. She added that the town centre team does alleviate pressure from the rest of the Community Policing team.

Councillor Muldowney highlighted that there have been two incidents of arson on play equipment in Chadwell. She stated that the Police have not responded to incidents at the Pyramid centre where a defibrillator was vandalised and people are starting to question what the point is in reporting these incidents if the police do not respond. She added that people are becoming more emboldened in their anti-social behaviour as with the off-road nuisance motorbikes as they do not think there is a deterrent.

The Thurrock Community Safety Partnership Manager confirmed the District Commander is currently reviewing the incidents in relation to arson.

Councillor Muldowney stated that there is damaged equipment still on the Heath and a child has broken his humorous today on the railings.

The Strategic Lead for Clean and Green Services said he will have a team out there tomorrow morning to make it safe.

Councillor Rigby explained that when she speaks to residents they are still concerned about going into Gray's Town Centre and queried if there was any scope to increase patrols.

The Thurrock Community Safety Partnership Manager confirmed that the Police would need to respond to that question however she can confirm that the town centre team and community policing team are full resourced. She confirmed that interim injunctions have been secured on 8 juveniles and were pending for 9 adults currently to address this.

Councillor Arnold explained that he lives close to one of the maps and he never sees a police officer. He asked if the police officers time is logged and if they are solely designated to a particular area. If people know, it might help allay people's fears and frustrations that they are not seeing officers.

The Thurrock Community Safety Partnership Manager confirmed that the 4 Council funded Officers are dedicated to Tilbury and Purfleet. The other town centre teams may fluctuate between areas for example, if they are conducting an operation in Grays they may be pulled over to support that operation. Recently, due to the Protestors it has meant they haven't been in their dedicated areas. It is the same with the community policing teams, they will support officers in other areas with operations. Policing is intelligence led and is based on where reports are made. The Police are responsive to things as they happen.

RESOLVED:

That the CGS Overview and Scrutiny Committee: -

- 1.1 Note the positive approach taken by this team to community engagement.**
- 1.2 Promote the work of Town Centre officers to their residents to improve public confidence in local policing and encourage reporting of concerns.**
- 1.3 Support the decision to carry out a review of the funded Town Centre Police Officers, as is good practise with all council contracts**

13. Thurrock Community Safety Partnership Update

The Thurrock Community Safety Partnership Manager presented the report to members. She explained that the Thurrock Community Safety Partnership (TCSP) has a role to play in preventing and safeguarding the most vulnerable in our society from being victims of crime, abuse and exploitation. TCSP has

identified 9 priorities for this financial year and they are listed at paragraph 2.2 of the report.

The Thurrock Community Safety Partnership Manager clarified that whilst there has been an increase in all types of crime except burglary, members are advised it reflects against non-comparable data due to the varying degrees of restrictions in place during 2020 and 2021. In the last 12 months ending August 2022, anti-social behaviour, violence against the person which includes domestic abuse and domestic burglary are on a downward trajectory. All crime has seen a 6.4% increase in Thurrock however that does compare favourably against the Force which has seen a 9.2% increase.

The Thurrock Community Safety Partnership Manager stated that Section 3 of the report explains the breadth of work going across the Borough to address those identified priorities.

Councillor Muldowney commented that she was shocked to see there has been a 22.4 % increase in stalking and harassment in Thurrock.

The Thurrock Community Safety Partnership Manager confirmed that there has been a change in the way it has been reported which might have affected this. She confirmed there have been 2206 offences reported in Thurrock to end of August 2022 which is a decrease of 332 and is a -13 % reduction, so it is now on a downward trajectory.

Councillor Arnold queried what are the contributing factors that make Thurrock the 5th highest borough for domestic abuse in Essex.

The Thurrock Community Safety Partnership Manager stated that there are 14 districts in Essex. There are so many factors that are picked up in domestic abuse. We do promote the reporting of it very highly. The Housing Safeguarding team respond to all tenures including for male victims as well. We have a lot of areas of high deprivation however, it happens everywhere and cuts across all social aspects.

Councillor Arnold queries if there was any reason why burglary had fallen and if there were any lessons we could learn from this and apply to other areas of crime.

The Thurrock Community Safety Partnership Manager confirmed the figure does include some periods of lockdown restrictions and burglary plummeted over that period of time.

There is an Integrated Offender Management Programme that manage prolific offenders. They meet monthly to discuss each of the offenders alongside representatives from the drug and alcohol service and they look at the criminogenic needs of those offenders such as housing or to get them into employment and training and there is support there for offenders who want to engage. If they don't want to engage and curb their behaviour curfews and tags can be used.

The Chair raised that often women cannot move out of their home and we have only one safe house in Thurrock.

The Thurrock Community Safety Partnership Manager confirmed that the first option is always to try and make it safe for victims to stay in their own home, especially if they have children in school.

Councillor Muldowney commented that it was upsetting to hear in the Youth Focus Listening Project that half of the respondents are worried about being exploited by gangs. She requested more information about the emerging gang in Thurrock.

The Thurrock Community Safety Partnership Manager confirmed that 9 adults and 9 juveniles are going through the courts with gang injunctions. She also confirmed that a company called Red Balloon are working with young people out in the Community and have been based in Seabrooke Rise and Koala Park. TCSP have secured some funding and had discussions with the local churches to try and bring in a Street Pastor to act as a trusted adult in the Gray's Station area. They have also given some funding to the Duke of Edinburgh scheme which 5 people in Seabrooke Rise have taken up. It is hoped that this they may become involved in some volunteering work which will give them pride in their local area.

Councillor Muldowney noted that hate crime figures have increased. The Thurrock Community Safety Partnership Manager confirmed that Thurrock has a strong response to hate crime. Thurrock has lots of Hate Crime Ambassadors. All staff in the Council that complete Prevent training also complete Hate Crime awareness training.

People don't always feel comfortable going into a police station to report hate crime. This week is National Hate Crime week. Thurrock has 9 hate crime reporting centres to provide alternative venues for people to report hate crimes.

RESOLVED:

- 1.1 That Overview and Scrutiny Committee note the performance of the Thurrock Community Safety Partnership for the year 2021/22 and satisfy themselves that the Community Safety Partnership priorities agreed for the year 2022/23 respond to the community safety issues raised by their residents**

- 1.2 That Overview and Scrutiny Committee recognise the collaborative working across our priorities with the Police, Fire and Crime Commissioner to keep the community of Thurrock safe.**

1.3 That Overview and Scrutiny understand the impact on the Council of the Serious Violence Duty

14. Cemetery and Burial Strategy

The Strategic Lead for Clean and Green Services presented the report to members. He stated that Thurrock has not previously had a Cemetery strategy in place and it will provide a framework to effectively manage Thurrock's Cemeteries. The aim is to ensure that Cemeteries are beautiful, peaceful, and well used and that they cater for a diverse range of cultural needs.

The Chair asked if they are still looking at putting a crematorium in Thurrock.

The Strategic Lead for Clean and Green Services confirmed that a large number of people in Thurrock are being cremated outside of the Borough as Thurrock does not have a crematorium and they would like to be able to offer this service in Thurrock. The Strategic Lead for Clean and Green Services stated that he will work with colleagues in planning to identify a suitable piece of land and ideally this would be in the centre of the Borough.

Councillor Arnold queried when we will need our own crematorium.

The Strategic Lead for Clean and Green Services responded that the number of burials has reduced. Only 10% of people in Thurrock are buried as opposed to being cremated. There are still a lot of internment of ashes in the burial sites. People who were born and lived in Thurrock would like to be cremated in Thurrock.

Councillor Rigby queried if cemeteries need to be Council owned or can they be privately run.

The Strategic Lead for Clean and Green Services said they will be looking at all options and what will provide the best value to the residents of Thurrock. The Strategic Lead for Clean and Green Services confirmed that he will present the options to the Committee when he has them as there is lots of work to be done. He estimated these options may be ready by the first Cleaner, Greener and Safer Committee meeting in the next municipal year.

RESOLVED:

- 1.1 That Cleaner, Greener and Safer Overview and Scrutiny Committee recommend to Cabinet to formally adopt the Cemetery and Burial Strategy and its associated policies.**

15. Flats Recycling Update

The Contract Manager presented the report to Members. The aim of the project is to provide to all Thurrock residents equal access to recycling and to help educate residents on recycling. The current situation is that 97% of residents in flats have access to recycling and they are hoping to complete the project within the next 3 weeks.

RESOLVED:

- 1.1 That Cleaner, Greener and Safer Overview and Scrutiny Committee review this report as an update on the Flats Recycling Project.**

16. Work Programme

Councillor Muldowney requested an update report on Waste Collection.

The Chair requested that the Police attend the next meeting to provide an update.

The meeting finished at 9.29 pm

Approved as a true and correct record

CHAIR

DATE

Any queries regarding these Minutes, please contact Democratic Services at Direct.Democracy@thurrock.gov.uk

8 November 2022		ITEM: 6
Cleaner, Greener and Safer Overview and Scrutiny Committee		
Fees and Charges Pricing Strategy 2023/24		
Wards and communities affected: All	Key Decision: Key	
Report of: Accountable Assistant Director of Service: Leigh Nicholson - Assistant Director - Planning, Transport and Public Protection Daren Spring – Assistant Director - Street Scene and Leisure David Kleinberg – Assistant Director - Counter Fraud and Enforcement Tracie Heiser – Assistant Director - Customer Services Gerard McCleave – Assistant Director - Economic Growth and Development		
Report of: Accountable Directors of Service: Julie Rogers - Director of Public Realm Karen Wheeler – Director of Strategy, Engagement and Growth		
This report is Public		

Executive Summary

This report specifically sets out the fees and charges in relation to services within the remit of this Overview and Scrutiny Committee.

Charges will take effect from the 1st of April 2023, unless otherwise stated. In preparing the proposed fees and charges, Directorates have worked within the charging framework and commercial principles set out in section three of this report. We have also taken into account the effect that the increase in interest rates and the cost-of-living crisis has had on the local economy and our services and the continued implications from Covid-19.

Further Director delegated authority will be sought via Cabinet to allow fees and charges to be varied within financial year in response to changes in government legislation, all other changes in year will be brought back to Cabinet via the service Director for transparency.

The full list of proposed charges is detailed in Appendix 1, and the proposed deletion of current fees and charges are detailed in Appendix 2 to this report.

1. Recommendation(s)

- 1.1 That the Cleaner, Greener and Safer Overview and Scrutiny Committee note the revised fees, including those no longer applicable; and

comment on the proposals currently being considered within the remit of this committee.

1.2 That Cleaner, Greener and Safer Overview and Scrutiny Committee note that director delegated authority will be sought via Cabinet to allow fees and charges to be varied within a financial year in response to legal and regulatory requirements.

2. Background

2.1 This paper describes the fees and charges approach for the services within the Cleaner, Greener and Safer Overview and Scrutiny Committee remit for 2023/24 and will set a platform for certain pricing principles moving forward into future financial years.

2.2 The paper provides narrative for the Cleaner, Greener and Safer areas:

- Arboricultural
- Outdoor Sports and the Commercial Hire of Open Spaces
- Allotments
- Domestic Waste
- Burials and Memorials
- Environmental Enforcement and Abandoned Vehicles
- Registrars
- Theatre
- Heritage Service
- Public Protection

3. Thurrock Charging Policy

3.1 The strategic ambition for Thurrock is to adopt a policy on fees and charges that ensures that all discretionary services will fully cost recover wherever possible.

3.1.1 For future years, while reviewing charges, services will also consider the level of demand for the service, the market dynamics and how the charging policy helps to meet other service objectives.

3.1.2 Rather than a blanket increase across all service lines, when considering the pricing strategy for 2023/24 some key questions were considered:

- Where can we apply a tiered/premium pricing structure
- How sensitive are customers to price (are there areas where a price freeze is relevant)
- Consideration with regards to Covid-19 and the impact on fees and charges locally and nationally
- What new charges might we want to introduce for this financial year

- How do our charges compare to neighboring boroughs and private sector competitors (particularly in those instances where customers have choice)
- How can we influence channel shift
- Can we set charges to recover costs
- What do our competitors charge
- How sensitive is demand to price
- Statutory services may have discretionary elements that we can influence
- Do we take deposits, charge cancellation fees, and charge an admin fee for duplicate services (e.g. lost certificates)

3.2 The key following points should be noted for 2023/24 fees and charges:

- **Outdoor Sports and open spaces** - Increased fees and charges by a range of between 0%-20%, (£0-£120).
- **Allotments** - Fees and charges have not increased for 2023/24.
- **Domestic Waste** - Fees and charges will increase by 11% (£1.10) for additional bulky waste items and 0%-18% £0-£77.60 for wheeled bins new/replacements. There will be an additional charge introduced for the general supply or replacement of wheelie bin for Managing Agents.
- **Burials and Memorials** – Fees and charges for 2023/24 will be increased broadly in line with forecast inflation, the burials service does not make a surplus from fees and charges and these increases take into consideration the increases in costs to the service to make sure that the service is cost neutral going forward. To enable residents the opportunities to intern their loved ones ashes in Thurrock we have added Memorial Trees, Sanctum Vaults, (Panorama Vaults, Double Sanctum Vault, Family Sanctum Vault) and Nepalese Memorial for burials cemeteries offering.
- **Environmental Enforcement** – Fees and charges are set by legislation, with Council charging the maximum permitted, in line with policy.
- **Registrars** – Following the relocation of the Registrars Service into the new premises the charges have been changed to reflect this along with benchmarking against neighbouring boroughs.
- **Theatre** – Fees and charges for 2023/24 have increased between 0% - 30% (£4.70) to bring Thurrock's charges more in line with neighbouring boroughs.
- **Public Protection** – Civil Enforcement charges have not increased for 2023/24. Environmental protection charges have increased, alongside health and safety charges.
(Licensing fees and charges that are set through the licensing committee have been removed from the fees and charges as these are set via licensing committee and cannot be amended via this process).

3.3 Proposals and Issues

3.3.1 The fees and charges for each service area have been considered and the main considerations are set out below.

- 3.3.2 To allow the Council services to better respond to changes in the commercial environment for fees and charges; the Director of the Service area jointly with the agreement of Cabinet may vary service charges within the financial year due to commercial considerations.
- This will allow service areas, providing services on a traded basis to vary their fees and charges to reflect commercial and operational considerations that impact the cost recoverability calculations.
 - Any changes to fees and charges due to commercial considerations will require consultation with, and agreement of, the relevant Portfolio Holder.
- 3.3.3 Unless indicated otherwise, fees and charges for 2023/24 can increase in line with forecast inflation (subject to rounding).
- 3.4 Outdoor Sports and the Commercial Hire of Open Spaces**
- 3.4.1 The strategic objective for charging for use of outdoor sports facilities is to provide quality services that are competitively priced, to encourage optimum use and consequently maximize income levels, while at the same time reducing net subsidy and encouraging the Councils wider health and leisure strategy.
- 3.4.2 Currently the cost of maintaining the pitches is not recovered from the income generated. To mitigate this the service has introduced technology to make efficiencies and reduce the costs where possible. Despite these efforts, there remains a gap. In order to get closer to a cost neutral position, as indicated in last year's report, fees and charges will need to increase over the next two years. Therefore, all sports pitch fees, season tickets and other charges will be increased for 2023/24. The Council will continue to offer a generous discount for block/season bookings to support our sports clubs in the borough who participate in leagues and competitions.
- 3.4.3 The majority of the bookings are season long bookings. The proposed increases in football pitch hire according to benchmarking against neighbouring authority Basildon still remain competitive.
- 3.4.4 There is an increase in the number of personal fitness instructors using our parks for business purposes and charging their clients. The council is proposing to pilot a license permit for personal trainers and sports/fitness groups that charge their clients/members.
- 3.4.5 This pilot permit licence will ensure:
- all visitors should have access to and use of public open spaces
 - we must protect public parks for everyone to enjoy and benefit from various forms of fitness training in public spaces
 - fitness operators must have appropriate qualifications (based on industry best practice)
 - fitness operators must be fully insured and hold liability for participants' safety

- These license permits will help to recover costs for this additional use and any damage caused to our parks by people trading on council land
- 3.4.6 The new charges proposed below have been benchmarked with other authorities. Whilst there is a more complex charging structure in most other councils, the fees charged by the majority of other councils exceed those proposed by Thurrock council. Most councils are charging over £1,000 for group fitness sessions on an annual basis. We have kept the costs low as this is a pilot scheme and the first time the charges are being introduced.
- 3.4.7 Individual instructors, will need to complete an application form along with their qualification, DBS check and other documents to ensure they are safe and capable to operate the business. The individual licence permit has two categories:
- i. Training two clients or less on a one-to-one basis - cost £100 per year
 - ii. Training three clients or more on a one-to-one basis - cost £150 per year.
- 3.4.8 A proposal to introduce charging for the use of the open space by groups for bootcamp style sessions, yoga and other group sessions, including the use of outdoor gyms is set out below with four charging options:
- a) monthly fee for less than 6 people using the park / equipment - £50
 - b) monthly fee for more than 6 people using the park / equipment - £75
 - c) annual fee for less than 6 people using the park / equipment - £400
 - d) annual fee for more than 6 people using the park / equipment - £600
- 3.4.9 The benefits to those registering for a licence, either personal or group, will be the promotion of their services via the council social media and website. This will increase their potential client reach and increase their business revenue.
- 3.4.10 The council will help promote the approved instructors via our communication team and ensure the service is regulated.

3.5 Allotments

- 3.5.1 Thurrock Council currently provide two allotment sites with all other sites in the borough being self-managed by community groups. The fees and charges in this report reflect Council managed allotments only.
- 3.5.2 The income received from allotments contributes towards the ongoing running costs that they incur. There have been regular increases over the past 4 years. There is no increase proposed this year to support people growing food.

3.6 Domestic Waste Charges

- 3.6.1 After a review of neighbouring authorities, the fees and charges for the initial first three bulky waste items will remain the same, whereas additional items and wheelie bin replacements will rise to ensure full cost recovery for 2023-24. The increase for additional items is £1.10 (11%) and the increase for residential replacement bins whereby the resident has damaged their bin is 13% (£5.50)

(any damage caused by Refuse collectors would continue to be replaced free of charge) the increase for commercial replacement bins for managing agents is 18% (£77.60) for a 1100L bin, a new charge has also been added for general supply/replacement of wheelie bins to managing agents at a cost of £60 for the smaller bins.

3.7 Burials and Memorials

3.7.1 Thurrock Council maintains five cemeteries providing a range of burial services and graves for cremated remains. Following a thorough previous benchmarking exercise we were found to be competitive with other local authorities. To provide residents the opportunities to intern their loved ones ashes in Thurrock we have added Memorial Trees, Sanctum Vaults, (Panorama Vaults, Double Sanctum Vault, Family Sanctum Vault) and Nepalese Memorials to our burials and cemeteries offering and will continue to look at other ways to improve the offering to residents.

3.8 Registrars

3.8.1 The Registrars Office provides the statutory service of registering births deaths and marriages, alongside the non-statutory service of citizenship ceremonies on both a group and individual basis.

3.8.2 The fees and charges set by the Council are always reviewed against neighbouring authorities and take full account of any statutory charge limitations.

3.8.3 Customer engagement throughout the year allows us to take into consideration local reaction and address any concerns to changes in the fees and charges. Following the move into the new premises and customer feedback the number of ceremony options has been increased to meet demand and to accommodate the new room capacities. We are now in a position to offer more options in the Lacey Room, Mulberry Suite, Committee rooms and Council Chamber.

3.9 Theatre Services

3.9.1 After a comparison of neighbouring boroughs, our charges now reflect that of other Theatres.

3.10 Heritage Service

Thurrock Heritage Service charges for a number of services:

- School visits to Thurrock Museum and school outreach.
- Talks given to other organisations.
- Informal educational sessions.
- Topic loan boxes for schools.
- Research and Readers tickets.

There have been minor changes for 2023/24.

4. Reasons for Recommendation

- 4.1 The setting of appropriate fees and charges will enable the Council to generate essential income for the funding of Council services. The approval of reviewed fees and charges will also ensure that the Council is competitive with other service providers and neighbouring councils. The ability to vary charges within financial year will enable services to more flexibly adapt to changing economic conditions.
- 4.2 The granting of delegated authority will only apply to legal or regulatory changes. If there is a need to alter fees during the financial year to enable the Council to better respond to commercial challenges, additional reports may be brought to Cabinet for approval.

5. Consultation (including Overview and Scrutiny, if applicable)

- 5.1 Consultations will be progressed where there is specific need. However, with regard to all other items, the proposals in this report do not affect any specific parts of the borough. Fees and charges are known to customers before they make use of the services they are purchasing.

6. Impact on corporate policies, priorities, performance and community impact

- 6.1 The changes in these fees and charges may impact the community; however, it must be taken into consideration that these price rises include inflation.

7. Implications

7.1 Financial

Implications verified by: **Jo Freeman**
Finance Manager

The effect of any changes to fees and charges on individual income targets will be determined as part of the 2023-24 budget setting process in which Corporate Finance and service areas will review anticipated level of demand, fee increases, previous performance and potential associated costs. Covid-19 has significantly impacted the Authority's ability to achieve current income targets, and this will be taken into consideration when setting future targets.

The Council wide draft budget report will include the 2023-24 income targets across all directorates

7.2 Legal

Implications verified by: **Mark Bowen**

Deputy Monitoring Officer

Fees and charges generally fall into three categories – Statutory, Regulatory and Discretionary. Statutory charges are set in statute and cannot be altered by law since the charges have been determined by Central government and all authorities will be applying the same charge.

Regulatory charges relate to services where, if the Council provides the service, it is obliged to set a fee which the Council can determine itself in accordance with a regulatory framework. Charges have to be reasonable and must be applied across the borough.

Discretionary charges relate to services which the Council can provide if they choose to do so. This is a local policy decision. The Local Government Act 2003 gives the Council power to charge for discretionary services, with some limited exceptions. This may include charges for new and innovative services utilising the Council's general power of competence under section 1 of the Localism Act 2011. The income from charges, taking one financial year with another, must not exceed the cost of provision. A clear and justifiable framework of principles should be followed in terms of deciding when to charge and how much, and the process for reviewing charges.

A service may wish to consider whether they may utilise this power to provide a service that may benefit residents, businesses and other service users, meet the Council priorities and generate income.

Decisions on setting charges and fees are subject to the Council's decision making structures. Most charging decisions are the responsibility of Cabinet, where there are key decisions. Some fees are set by full Council.

7.3 Diversity and Equality

Implications verified by: **Becky Price**
Team Manager, Diversity & Equality

The Council is responsible for promoting equality of opportunity in the provision of services and employment as set out in the Equality Act 2010 and Public Sector Equality Duty. Decisions on setting charges and fees are subject to Community Equality Impact Assessment process and the Council's wider decision making structures to determine impact on protected groups and related concessions that may be available

7.4 Other implications (where significant) – i.e. Staff, Health Inequalities, Sustainability, Crime and Disorder, or Impact on Looked after Children.

None

8. **Background papers used in preparing the report** (including their location on the Council's website or identification whether any are exempt or protected by copyright):

None

9. **Appendices to the report**

Appendix 1 – Schedule of Proposed Fees and Charges for 2023/24.
Appendix 2 – Schedule of Fees and Charges no longer applicable.

Report Author:

Kelly McMillan

Business Development & Innovation

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Name of Fee or Charge	2022/23 - Charges				2023/24 - Charges				Changes from 2022/23				Detail				
	VAT	Net Charge	VAT Amount	Total Charge	VAT	Net Charge	VAT Amount	Total Charge	Net Change	VAT Amount	Total (£)	Total (%)	S/D	Status	Direct.	O&S	Owner
Bulky Waste Collections - Collection and disposal of up to three items	E	£ 35.00	£ -	£ 35.00	E	£ 35.00	£ -	£ 35.00	£ -	£ -	£ -	0.00%	D	U	PR	CGS	Andy Kelly
Bulky Waste Collections - Each additional item	E	£ 9.40	£ -	£ 9.40	E	£ 10.50	£ -	£ 10.50	£ 1.10	£ -	£ 1.10	11.70%	D	I	PR	CGS	Andy Kelly
Domestic Waste - Supply of a replacement wheelie bin where broken or lost (Resident)	O	£ 39.50	£ -	£ 39.50	O	£ 45.00	£ -	£ 45.00	£ 5.50	£ -	£ 5.50	13.92%	D	I	PR	CGS	Andy Kelly
Domestic Waste - Supply of 1100L refuse or recycling bin for Managing Agent including delivery	S	£ 352.00	£ 70.40	£ 422.40	S	£ 416.67	£ 83.33	£ 500.00	£ 64.67	£ 12.93	£ 77.60	18.37%	D	I	PR	CGS	Andy Kelly
Domestic Waste - Supply of a replacement wheelie bin where broken or lost - reduced rate if resident is claiming benefits or is over 60	O	£ 20.00	£ -	£ 20.00	O	£ 22.00	£ -	£ 22.00	£ 2.00	£ -	£ 2.00	10.00%	D	I	PR	CGS	Andy Kelly
Domestic Waste - General supply or replacement of wheelie bin (Managing Agent)					S	£ 50.00	£ 10.00	£ 60.00	£ 50.00	£ 10.00	£ 60.00	0.00%	D	N	PR	CGS	Andy Kelly
Animal Feed (Hygiene, Sampling etc. & Enforcement) Regulations 2015 - Regulation 13 - Manufacture only, or manufacture and placing on the market, of certain additives or pre-mixtures as referred to in Article 10(1)(a) or (b) of Regulation 183/2005 other than those feed additives specified in regulation 2(4), or of pre-mixtures of such additives	O	£ 451.00	£ -	£ 451.00	O	£ 451.00	£ -	£ 451.00	£ -	£ -	£ -	0.00%	S	U	PR	CGS	Charlotte Edwards
Animal Feed (Hygiene, Sampling etc. & Enforcement) Regulations 2015 - Regulation 13 - Placing on the market of substances referred to above	O	£ 226.00	£ -	£ 226.00	O	£ 226.00	£ -	£ 226.00	£ -	£ -	£ -	0.00%	S	U	PR	CGS	Charlotte Edwards
Explosives Regulations 2014 - Regulation 13 - Amended by Health & Safety & Nuclear (Fees) Regs 2021- Five years licence where no separation distances apply	O	£ 243.00	£ -	£ 243.00	O	£ 243.00	£ -	£ 243.00	£ -	£ -	£ -	0.00%	S	U	PR	CGS	Charlotte Edwards
Explosives Regulations 2014 - Regulation 13 - Amended by Health & Safety & Nuclear (Fees) Regs 2021- Five years licence where separation distances apply	O	£ 432.00	£ -	£ 432.00	O	£ 432.00	£ -	£ 432.00	£ -	£ -	£ -	0.00%	S	U	PR	CGS	Charlotte Edwards
Explosives Regulations 2014 - Regulation 13 - Amended by Health & Safety & Nuclear (Fees) Regs 2021- Five years renewal where no separation distances apply	O	£ 189.00	£ -	£ 189.00	O	£ 189.00	£ -	£ 189.00	£ -	£ -	£ -	0.00%	S	U	PR	CGS	Charlotte Edwards
Explosives Regulations 2014 - Regulation 13 - by Health & Safety & Nuclear (Fees) Regs 2021- Five years renewal where separation distances apply	O	£ 333.00	£ -	£ 333.00	O	£ 333.00	£ -	£ 333.00	£ -	£ -	£ -	0.00%	S	U	PR	CGS	Charlotte Edwards
Explosives Regulations 2014 - Regulation 13 - by Health & Safety & Nuclear (Fees) Regs 2021- Four years licence where no separation distances apply	O	£ 211.00	£ -	£ 211.00	O	£ 211.00	£ -	£ 211.00	£ -	£ -	£ -	0.00%	S	U	PR	CGS	Charlotte Edwards
Explosives Regulations 2014 - Regulation 13 - by Health & Safety & Nuclear (Fees) Regs 2021- Four years licence where separation distances apply	O	£ 382.00	£ -	£ 382.00	O	£ 382.00	£ -	£ 382.00	£ -	£ -	£ -	0.00%	S	U	PR	CGS	Charlotte Edwards
Explosives Regulations 2014 - Regulation 13 -by Health & Safety & Nuclear (Fees) Regs 2021- Four years renewal where no separation distances apply	O	£ 155.00	£ -	£ 155.00	O	£ 155.00	£ -	£ 155.00	£ -	£ -	£ -	0.00%	S	U	PR	CGS	Charlotte Edwards
Explosives Regulations 2014 - Regulation 13 - by Health & Safety & Nuclear (Fees) Regs 2021- Four years renewal where separation distances apply	O	£ 272.00	£ -	£ 272.00	O	£ 272.00	£ -	£ 272.00	£ -	£ -	£ -	0.00%	S	U	PR	CGS	Charlotte Edwards
Explosives Regulations 2014 - Regulation 13 - by Health & Safety & Nuclear (Fees) Regs 2021- One year licence where no separation distances apply	O	£ 111.00	£ -	£ 111.00	O	£ 111.00	£ -	£ 111.00	£ -	£ -	£ -	0.00%	S	U	PR	CGS	Charlotte Edwards
Explosives Regulations 2014 - Regulation 13 -by Health & Safety & Nuclear (Fees) Regs 2021- One year licence where separation distances apply	O	£ 189.00	£ -	£ 189.00	O	£ 189.00	£ -	£ 189.00	£ -	£ -	£ -	0.00%	S	U	PR	CGS	Charlotte Edwards
Explosives Regulations 2014 - Regulation 13 - by Health & Safety & Nuclear (Fees) Regs 2021- One year renewal where separation distances apply	O	£ 88.00	£ -	£ 88.00	O	£ 88.00	£ -	£ 88.00	£ -	£ -	£ -	0.00%	S	U	PR	CGS	Charlotte Edwards
Explosives Regulations 2014 - Regulation 13 -by Health & Safety & Nuclear (Fees) Regs 2021- Renewal where no separation distances apply	O	£ 55.00	£ -	£ 55.00	O	£ 55.00	£ -	£ 55.00	£ -	£ -	£ -	0.00%	S	U	PR	CGS	Charlotte Edwards
Explosives Regulations 2014 - Regulation 13 -by Health & Safety & Nuclear (Fees) Regs 2021- Three years licence where no separation distances apply	O	£ 177.00	£ -	£ 177.00	O	£ 177.00	£ -	£ 177.00	£ -	£ -	£ -	0.00%	S	U	PR	CGS	Charlotte Edwards
Explosives Regulations 2014 - Regulation 13 - by Health & Safety & Nuclear (Fees) Regs 2021- Three years licence where separation distances apply	O	£ 311.00	£ -	£ 311.00	O	£ 311.00	£ -	£ 311.00	£ -	£ -	£ -	0.00%	S	U	PR	CGS	Charlotte Edwards
Explosives Regulations 2014 - Regulation 13 -by Health & Safety & Nuclear (Fees) Regs 2021- Three years renewal where no separation distances apply	O	£ 123.00	£ -	£ 123.00	O	£ 123.00	£ -	£ 123.00	£ -	£ -	£ -	0.00%	S	U	PR	CGS	Charlotte Edwards
Explosives Regulations 2014 - Regulation 13 -by Health & Safety & Nuclear (Fees) Regs 2021- Three years renewal where separation distances apply	O	£ 211.00	£ -	£ 211.00	O	£ 211.00	£ -	£ 211.00	£ -	£ -	£ -	0.00%	S	U	PR	CGS	Charlotte Edwards
Explosives Regulations 2014 - Regulation 13 -by Health & Safety & Nuclear (Fees) Regs 2021- Two years licence where no separation distances apply	O	£ 144.00	£ -	£ 144.00	O	£ 144.00	£ -	£ 144.00	£ -	£ -	£ -	0.00%	S	U	PR	CGS	Charlotte Edwards

Explosives Regulations 2014 - Regulation 13 – by Health & Safety & Nuclear (Fees) Regs 2021–Two years licence where separation distances apply	O	£	248.00	£	-	£	248.00	O	£	248.00	£	-	£	248.00	£	-	£	-	0.00%	S	U	PR	CGS	Charlotte Edwards
Explosives Regulations 2014 - Regulation 13 – by Health & Safety & Nuclear (Fees) Regs 2021–Two years renewal where no separation distances apply	O	£	88.00	£	-	£	88.00	O	£	88.00	£	-	£	88.00	£	-	£	-	0.00%	S	U	PR	CGS	Charlotte Edwards
Explosives Regulations 2014 - Regulation 13 –by Health & Safety & Nuclear (Fees) Regs 2021– Two years renewal where separation distances apply	O	£	150.00	£	-	£	150.00	O	£	150.00	£	-	£	150.00	£	-	£	-	0.00%	S	U	PR	CGS	Charlotte Edwards
Explosives Regulations 2014 - Regulation 16 -by Health & Safety & Nuclear (Fees) Regs 2021– Any other variation	O	Reasonable Costs	£	-	Reasonable Costs	£	-	O	Reasonable Costs	£	-	Reasonable Costs	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Charlotte Edwards
Explosives Regulations 2014 - Regulation 16 - by Health & Safety & Nuclear (Fees) Regs 2021–Varying a licence (name or address)	O	£	37.00	£	-	£	37.00	O	£	37.00	£	-	£	37.00	£	-	£	-	0.00%	S	U	PR	CGS	Charlotte Edwards
Explosives Regulations 2014 - Regulation 17 - by Health & Safety & Nuclear (Fees) Regs 2021–Replacement of licence	O	£	37.00	£	-	£	37.00	O	£	37.00	£	-	£	37.00	£	-	£	-	0.00%	S	U	PR	CGS	Charlotte Edwards
Explosives Regulations 2014 - Regulation 17 - by Health & Safety & Nuclear (Fees) Regs 2021–Transfer of licence	O	£	37.00	£	-	£	37.00	O	£	37.00	£	-	£	37.00	£	-	£	-	0.00%	S	U	PR	CGS	Charlotte Edwards
Fireworks Regulations 2004 - Regulation 9 - Licence for the sale of fireworks outside of prescribed period fireworks (one year)	O	£	500.00	£	-	£	500.00	O	£	500.00	£	-	£	500.00	£	-	£	-	0.00%	S	U	PR	CGS	Charlotte Edwards
Petroleum (Consolidation) Regulations 2014 - Regulation 14 - Fees determined by Health & Safety & Nuclear (Fees) Regs 2021 - Licence to keep petroleum (domestic/private use) - Exceeding 50,000 litres (one year)	O	£	128.00	£	-	£	128.00	O	£	128.00	£	-	£	128.00	£	-	£	-	0.00%	S	U	PR	CGS	Charlotte Edwards
Petroleum (Consolidation) Regulations 2014 - Regulation 14 - Fees determined by Health & Safety & Nuclear (Fees) Regs 2021 - Licence to keep petroleum (domestic/private use) - Over 2,500 litres but not exceeding 50,000 litres (one year)	O	£	61.00	£	-	£	61.00	O	£	61.00	£	-	£	61.00	£	-	£	-	0.00%	S	U	PR	CGS	Charlotte Edwards
Petroleum (Consolidation) Regulations 2014 - Regulation 14 - Fees determined by the Health & Safety & Nuclear (Fees) Regs 2021 - Licence to keep petroleum (domestic/private use) - Under 2,500 litres (one year)	O	£	45.00	£	-	£	45.00	O	£	45.00	£	-	£	45.00	£	-	£	-	0.00%	S	U	PR	CGS	Charlotte Edwards
Petroleum (Consolidation) Regulations 2014 - Regulation 6 -Fees determined by Health & Safety & Nuclear (Fees) Regs 2021– Storage certificate to keep petroleum - Exceeding 50,000 litres (one year)	O	£	128.00	£	-	£	128.00	O	£	128.00	£	-	£	128.00	£	-	£	-	0.00%	S	U	PR	CGS	Charlotte Edwards
Petroleum (Consolidation) Regulations 2014 - Regulation 6 - Fees determined by Health & Safety & Nuclear (Fees) Regs 2021– Storage certificate to keep petroleum - Over 2,500 litres but not exceeding 50,000 litres (one year)	O	£	61.00	£	-	£	61.00	O	£	61.00	£	-	£	61.00	£	-	£	-	0.00%	S	U	PR	CGS	Charlotte Edwards
Petroleum (Consolidation) Regulations 2014 - Regulation 6 - Fees determined by Health & Safety & Nuclear (Fees) Regs 2021–Storage certificate to keep petroleum- Under 2,500 litres (one year)	O	£	45.00	£	-	£	45.00	O	£	45.00	£	-	£	45.00	£	-	£	-	0.00%	S	U	PR	CGS	Charlotte Edwards
Public Protection - Fee Schedule for the Testing and/or Verification of Weighing and Measuring Equipment where no specialist equipment is required - per officer, per hour	S	£	76.00	£	15.20	£	91.20	S	£	76.00	£	15.20	£	91.20	£	-	£	-	0.00%	D	U	PR	CGS	Charlotte Edwards
Public Protection - Fee Schedule for the Testing and/or Verification of Weighing and Measuring Equipment where specialist equipment is required - price on application. Will be charged at Hourly rate per officer, plus any specialist equipment costs.	S	POA - £76/hr	£	15.50	POA - £91.20/hr	£		S	POA - £76/hr	£	15.50	POA - £91.20/hr	£		£	-	£	-	0.00%	D	U	PR	CGS	Charlotte Edwards
Public Protection - Licences - Other Sales and Service Charges - Trading Standards Complex Business advice This will be charged on an hourly basis initially. Price is hourly per officer.	S	£	76.00	£	15.20	£	91.20	S	£	76.00	£	15.20	£	91.20	£	-	£	-	0.00%	D	U	PR	CGS	Charlotte Edwards
Public Protection - Licences - Other Sales and Service Charges - Voluntary Surrender of Foods	O	£	60.00	£	-	£	60.00	O	£	60.00	£	-	£	60.00	£	-	£	-	0.00%	D	U	PR	CGS	Charlotte Edwards
Public Protection - Control of Dogs - Statutory Charge	O	£	25.00	£	-	£	25.00	O	£	25.00	£	-	£	25.00	£	-	£	-	0.00%	S	U	PR	CGS	Charlotte Edwards - DC
Public Protection - Control of Dogs - Call Out Charge - Out of hours Monday – Friday, 5pm – 10pm	O	£	72.00	£	-	£	72.00	O	£	72.00	£	-	£	72.00	£	-	£	-	0.00%	D	U	PR	CGS	Charlotte Edwards - DC
Public Protection - Control of Dogs - Call Out Charge - Normal Hours Monday – Friday, 8am – 5pm	O	£	52.00	£	-	£	52.00	O	£	52.00	£	-	£	52.00	£	-	£	-	0.00%	D	U	PR	CGS	Charlotte Edwards - DC
Public Protection - Control of Dogs - Call Out Charge - Out of hours Weekends 8am – 10pm	O	£	72.00	£	-	£	72.00	O	£	72.00	£	-	£	72.00	£	-	£	-	0.00%	D	U	PR	CGS	Charlotte Edwards - DC
Public Protection - Control of Dogs - Kennelling per day	O	£	25.00	£	-	£	25.00	O	£	25.00	£	-	£	25.00	£	-	£	-	0.00%	D	U	PR	CGS	Charlotte Edwards - DC
Public Protection - Fee Schedule for the Testing and Verification of Weighing and Measuring Equipment - Certificate of Errors - For supplying a certificate containing results of errors found on testing. Certificate supplied at request of submitter; fee applies when no other fee is payable	S	£	40.00	£	8.00	£	48.00	S	£	40.00	£	8.00	£	48.00	£	-	£	-	0.00%	D	U	PR	CGS	Charlotte Edwards - DC
Public Protection - Organic Products Regulations - Endorsement of Certificate of Inspection								S	POA - £76/hr	£	15.50	POA - £91.20/hr	£		£	-	£	-	0.00%	S	N	PR	CGS	Charlotte Edwards - DC

Public Protection - Organic Products Regulations - Functions in respect of movement controls (eg, supervision of re-labelling etc..)					S	POA - £76/hr	£ 15.50	POA - £91.20/hr	£ -	£ -	£ -	0.00%	S	N	PR	CGS	Charlotte Edwards - DC
Public Protection - COMAH - Hourly Rate Charge - Cost Recovery Based on Hourly Officer Rate	E	£24.50-£50	£ -	£24.50-£50	E	£38.90-£61.03	£ -	£38.90-£61.03	£ -	£ -	£ -	0.00%	S	I	PR	CGS	Cheryl Wells
Public Protection - COMAH - Consultative activities for non-COMAH Sites	E	POA	£ -	POA	E	POA	£ -	POA	£ -	£ -	£ -	0.00%	S	U	PR	CGS	Cheryl Wells
Parks - Commercial Hire of Parks and Open Spaces - Price on Applications	S	POA	£ -	POA	S	POA	£ -	POA	£ -	£ -	£ -	0.00%	D	U	PR	CGS	Jahur Ali
Parks - Bowls - Thurrock Bowls Assoc - Season charge exclusive use of 8 greens - Over 60	E	£ 145.00	£ -	£ 145.00	E	£ 175.00	£ -	£ 175.00	£ 30.00	£ -	£ 30.00	20.69%	D	I	PR	CGS	Jahur Ali
Parks - Bowls - Thurrock Bowls Assoc - Season charge exclusive use of 8 greens - Under 18	E	£ 85.00	£ -	£ 85.00	E	£ 95.00	£ -	£ 95.00	£ 10.00	£ -	£ 10.00	11.76%	D	I	PR	CGS	Jahur Ali
Parks - Bowls - Thurrock Bowls Assoc - Season charge exclusive use of 8 greens - Under 60	E	£ 190.00	£ -	£ 190.00	E	£ 210.00	£ -	£ 210.00	£ 20.00	£ -	£ 20.00	10.53%	D	I	PR	CGS	Jahur Ali
Parks - Cricket - Adult Pitch per match (10 games or more)	E	£ 110.00	£ -	£ 110.00	E	£ 125.00	£ -	£ 125.00	£ 15.00	£ -	£ 15.00	13.64%	D	I	PR	CGS	Jahur Ali
Parks - Cricket - Adult Pitch per match (less than 10 games)	E	£ 115.00	£ -	£ 115.00	E	£ 130.00	£ -	£ 130.00	£ 15.00	£ -	£ 15.00	13.04%	D	I	PR	CGS	Jahur Ali
Parks - Cricket - Youth Pitch per match (10 games or more)	E	£ 51.00	£ -	£ 51.00	E	£ 55.00	£ -	£ 55.00	£ 4.00	£ -	£ 4.00	7.84%	D	I	PR	CGS	Jahur Ali
Parks - Cricket - Youth Pitch per match (less than 10 games)	E	£ 51.00	£ -	£ 51.00	E	£ 57.50	£ -	£ 57.50	£ 6.50	£ -	£ 6.50	12.75%	D	I	PR	CGS	Jahur Ali
Parks - Football - Adult Pitch with Changing Facilities per match (less than 10 games)	E	£ 95.00	£ -	£ 95.00	E	£ 105.00	£ -	£ 105.00	£ 10.00	£ -	£ 10.00	10.53%	D	I	PR	CGS	Jahur Ali
Parks - Football - Adult Pitch with Changing Facilities per season (max 16 games)	E	£ 1,210.00	£ -	£ 1,210.00	E	£ 1,330.00	£ -	£ 1,330.00	£ 120.00	£ -	£ 120.00	9.92%	D	I	PR	CGS	Jahur Ali
Parks - Football - Child Pitch per match (less than 10 games)	E	£ 45.00	£ -	£ 45.00	E	£ 50.00	£ -	£ 50.00	£ 5.00	£ -	£ 5.00	11.11%	D	I	PR	CGS	Jahur Ali
Parks - Football - Child Pitch per season (max 16 games)	E	£ 595.00	£ -	£ 595.00	E	£ 655.00	£ -	£ 655.00	£ 60.00	£ -	£ 60.00	10.08%	D	I	PR	CGS	Jahur Ali
Parks - Football - Youth Pitch per match (less than 10 games)	E	£ 58.00	£ -	£ 58.00	E	£ 64.00	£ -	£ 64.00	£ 6.00	£ -	£ 6.00	10.34%	D	I	PR	CGS	Jahur Ali
Parks - Football - Youth Pitch per season (max 16 games)	E	£ 700.00	£ -	£ 700.00	E	£ 770.00	£ -	£ 770.00	£ 70.00	£ -	£ 70.00	10.00%	D	I	PR	CGS	Jahur Ali
Parks - Rugby - Adult Pitch per match (less than 10 games)	E	£ 100.00	£ -	£ 100.00	E	£ 110.00	£ -	£ 110.00	£ 10.00	£ -	£ 10.00	10.00%	D	I	PR	CGS	Jahur Ali
Parks - Rugby - Adult Pitch per season (max 16 games)	E	£ 1,210.00	£ -	£ 1,210.00	E	£ 1,330.00	£ -	£ 1,330.00	£ 120.00	£ -	£ 120.00	9.92%	D	I	PR	CGS	Jahur Ali
Parks - Rugby - Mini Pitch per match (less than 10 games)	E	£ 23.50	£ -	£ 23.50	E	£ 26.00	£ -	£ 26.00	£ 2.50	£ -	£ 2.50	10.64%	D	I	PR	CGS	Jahur Ali
Parks - Rugby - Mini Pitch per season (max 16 game)	E	£ 115.00	£ -	£ 115.00	E	£ 127.00	£ -	£ 127.00	£ 12.00	£ -	£ 12.00	10.43%	D	I	PR	CGS	Jahur Ali
Parks - Rugby - Youth Pitch per match (less than 10 games)	E	£ 58.00	£ -	£ 58.00	E	£ 64.00	£ -	£ 64.00	£ 6.00	£ -	£ 6.00	10.34%	D	I	PR	CGS	Jahur Ali
Parks - Rugby - Youth Pitch per season (max 16 games)	E	£ 700.00	£ -	£ 700.00	E	£ 770.00	£ -	£ 770.00	£ 70.00	£ -	£ 70.00	10.00%	D	I	PR	CGS	Jahur Ali
Council Managed Allotments - 1x10 Rod plot	E	£ 113.00	£ -	£ 113.00	E	£ 113.00	£ -	£ 113.00	£ -	£ -	£ -	0.00%	D	U	PR	CGS	Jahur Ali
Council Managed Allotments - 1x5 Rod (1/2 size plot)	E	£ 62.00	£ -	£ 62.00	E	£ 62.00	£ -	£ 62.00	£ -	£ -	£ -	0.00%	D	U	PR	CGS	Jahur Ali
Outdoor event application processing	E	£ 30.00	£ -	£ 30.00	E	£ 33.00	£ -	£ 33.00	£ 3.00	£ -	£ 3.00	10.00%	D	I	PR	CGS	Jahur Ali
Annual Personal Fitness Licence - 2 clients or less (one to one sessions)					E	£ 100.00	£ -	£ 100.00	£ 100.00	£ -	£ 100.00	0.00%	D	N	PR	CGS	Jahur Ali

Annual Personal Fitness Licence - 3 clients or more (one to one sessions)					E	£	150.00	£	-	£	150.00	£	150.00	£	-	£	150.00	0.00%	D	N	PR	CGS	Jahur Ali			
Outdoor space use (Group fitness/activity) - Monthly charge for less than 6 people per session					E	£	50.00	£	-	£	50.00	£	50.00	£	-	£	50.00	0.00%	D	N	PR	CGS	Jahur Ali			
Outdoor space use (Group fitness/activity) - Monthly charge for more than 6 people per session					E	£	75.00	£	-	£	75.00	£	75.00	£	-	£	75.00	0.00%	D	N	PR	CGS	Jahur Ali			
Outdoor space use (Group fitness/activity) - Annual charge for less than 6 people per session					E	£	400.00	£	-	£	400.00	£	400.00	£	-	£	400.00	0.00%	D	N	PR	CGS	Jahur Ali			
Outdoor space use (Group fitness/ activity) - Annual charge for more than 6 people per session					E	£	600.00	£	-	£	600.00	£	600.00	£	-	£	600.00	0.00%	D	N	PR	CGS	Jahur Ali			
Residents Services - Registration - Certificates issued by Registrar/Superintendent Registrar - Short Certificate of Birth - (15 day service (previously 2 hour service - law changed to statutory fee))	O	£	11.00	£	-	£	11.00	O	£	11.00	£	-	£	11.00	£	-	£	-	0.00%	S	U	SEG	CGS	Lynn Whipps/ Jenny Osborne		
Residents Services - Registration - Certificates issued by Registrar/ Superintendent Registrar - Short Certificate of Birth - 24 hour service	O	£	35.00	£	-	£	35.00	O	£	35.00	£	-	£	35.00	£	-	£	-	0.00%	S	U	SEG	CGS	Lynn Whipps/ Jenny Osborne		
Residents Services - Registration - Certificates issued by Registrar/Superintendent Registrar - Standard Certificate of Birth (15 day service (previously 2 hour service - law changed to statutory fee))	O	£	11.00	£	-	£	11.00	O	£	11.00	£	-	£	11.00	£	-	£	-	0.00%	S	U	SEG	CGS	Lynn Whipps/ Jenny Osborne		
Residents Services - Registration - Certificates issued by Registrar/Superintendent Registrar - Standard Certificate of Birth (24 hour service)	O	£	35.00	£	-	£	35.00	O	£	35.00	£	-	£	35.00	£	-	£	-	0.00%	S	U	SEG	CGS	Lynn Whipps/ Jenny Osborne		
Residents Services - Registration - Certificates issued by Registrar/ Superintendent Registrar - Standard Certificate of Death (15 day service (previously 2 hour service - law changed to statutory fee))	O	£	11.00	£	-	£	11.00	O	£	11.00	£	-	£	11.00	£	-	£	-	0.00%	S	U	SEG	CGS	Lynn Whipps/ Jenny Osborne		
Residents Services - Registration - Certificates issued by Registrar/Superintendent Registrar - Standard Certificate of Death (24 hour service)	O	£	35.00	£	-	£	35.00	O	£	35.00	£	-	£	35.00	£	-	£	-	0.00%	S	U	SEG	CGS	Lynn Whipps/ Jenny Osborne		
Residents Services - Registration - Certificates issued by Registrar/Superintendent Registrar - Standard Certificate of Marriage (15 day service (previously 2 hour service - law changed to statutory fee))	O	£	11.00	£	-	£	11.00	O	£	11.00	£	-	£	11.00	£	-	£	-	0.00%	S	U	SEG	CGS	Lynn Whipps/ Jenny Osborne		
Residents Services - Registration - Certificates issued by Registrar/Superintendent Registrar - Standard Certificate of Marriage (24 hour service)	O	£	35.00	£	-	£	35.00	O	£	35.00	£	-	£	35.00	£	-	£	-	0.00%	S	U	SEG	CGS	Lynn Whipps/ Jenny Osborne		
Residents Services - Registration - Deposit for all ceremonies at Approved premises	O	£	102.00	£	-	£	102.00	O	£	110.00	£	-	£	110.00	£	8.00	£	-	£	8.00	7.84%	D	I	SEG	CGS	Lynn Whipps/ Jenny Osborne
Residents Services - Registration - Deposit for all ceremonies at Register Office marriage Room	O	£	46.00	£	-	£	46.00	O	£	46.00	£	-	£	46.00	£	-	£	-	0.00%	S	U	SEG	CGS	Lynn Whipps/ Jenny Osborne		
Residents Services - Registration - Deposit for Notice of Marriage Appointment	O	£	35.00	£	-	£	35.00	O	£	40.00	£	-	£	40.00	£	5.00	£	-	£	5.00	14.29%	D	I	SEG	CGS	Lynn Whipps/ Jenny Osborne
Residents Services - Registration -Fees for superintendent Registrar attendance at approved premises for Marriage/Civil Partnership (Monday to Friday)	O	£	530.00	£	-	£	530.00	O	£	590.00	£	-	£	590.00	£	60.00	£	-	£	60.00	11.32%	D	I	SEG	CGS	Lynn Whipps/ Jenny Osborne
Residents Services - Registration -Fees for superintendent Registrar attendance at approved premises for Marriage/Civil Partnership (Saturday)	O	£	580.00	£	-	£	580.00	O	£	645.00	£	-	£	645.00	£	65.00	£	-	£	65.00	11.21%	D	I	SEG	CGS	Lynn Whipps/ Jenny Osborne
Residents Services - Registration -Fees for superintendent Registrar attendance at approved premises for Marriage/Civil Partnership (Sunday, Bank or Public Holiday)	O	£	630.00	£	-	£	630.00	O	£	700.00	£	-	£	700.00	£	70.00	£	-	£	70.00	11.11%	D	I	SEG	CGS	Lynn Whipps/ Jenny Osborne
Residents Services - Registration - Fees for superintendent Registrar attendance at Register Office for Naming Ceremonies/ Renewal of Vows/Commitment Ceremony (Civil Ceremonies Ltd Partnership) Saturday	O	£	350.00	£	-	£	350.00	O	£	390.00	£	-	£	390.00	£	40.00	£	-	£	40.00	11.43%	D	I	SEG	CGS	Lynn Whipps/ Jenny Osborne
Residents Services - Fees for Superintendent Registrar attendance at Approved Premise for Naming Ceremonies/Renewal of Vows/Commitment Ceremony (Civil Ceremonies Ltd Partnership) (Monday to Friday)	O	£	320.00	£	-	£	320.00	O	£	355.00	£	-	£	355.00	£	35.00	£	-	£	35.00	10.94%	D	I	SEG	CGS	Lynn Whipps/ Jenny Osborne
Residents Services - Fees for Superintendent Registrar attendance at Approved Premise for Naming Ceremonies/Renewal of Vows/Commitment Ceremony (Civil Ceremonies Ltd Partnership) (Saturday)	O	£	370.00	£	-	£	370.00	O	£	410.00	£	-	£	410.00	£	40.00	£	-	£	40.00	10.81%	D	I	SEG	CGS	Lynn Whipps/ Jenny Osborne
Residents Services - Fees for Superintendent Registrar attendance at Approved Premise for Naming Ceremonies/Renewal of Vows/Commitment Ceremony (Civil Ceremonies Ltd Partnership) (Sunday)	O	£	420.00	£	-	£	420.00	O	£	465.00	£	-	£	465.00	£	45.00	£	-	£	45.00	10.71%	D	I	SEG	CGS	Lynn Whipps/ Jenny Osborne
Residents Services - Registration - Ceremonies held in Thameside Theatre (Monday to Friday)	O	£	280.00	£	-	£	280.00	O	£	288.00	£	-	£	288.00	£	8.00	£	-	£	8.00	2.86%	D	I	SEG	CGS	Lynn Whipps/ Jenny Osborne
Residents Services - Registration - Ceremonies held in Thameside Theatre (Saturday PM)	O	£	410.00	£	-	£	410.00	O	£	420.00	£	-	£	420.00	£	10.00	£	-	£	10.00	2.44%	D	I	SEG	CGS	Lynn Whipps/ Jenny Osborne
Residents Services - Registration - Ceremonies held in Thameside Theatre (Saturday AM)	O	£	340.00	£	-	£	340.00	O	£	350.00	£	-	£	350.00	£	10.00	£	-	£	10.00	2.94%	D	I	SEG	CGS	Lynn Whipps/ Jenny Osborne

Residents Services - Registration - Ceremonies held in Mulberry Suite (Monday to Friday) - Small Package					O	£	330.00	£	-	£	330.00	£	330.00	£	-	£	330.00	0.00%	D	N	SEG	CGS	Lynn Whipps/ Jenny Osborne			
Residents Services - Registration - Ceremonies held in Mulberry Suite (Saturday AM) - Small Package					O	£	390.00	£	-	£	390.00	£	390.00	£	-	£	390.00	0.00%	D	N	SEG	CGS	Lynn Whipps/ Jenny Osborne			
Residents Services - Registration - Ceremonies held in Mulberry Suite (Saturday PM) - Small Package					O	£	460.00	£	-	£	460.00	£	460.00	£	-	£	460.00	0.00%	D	N	SEG	CGS	Lynn Whipps/ Jenny Osborne			
Residents Services - Registration - Ceremonies held in Mulberry Suite (Monday to Friday) - Large Package					O	£	380.00	£	-	£	380.00	£	380.00	£	-	£	380.00	0.00%	D	N	SEG	CGS	Lynn Whipps/ Jenny Osborne			
Residents Services - Registration - Ceremonies held in Mulberry Suite (Saturday AM) - Large Package					O	£	440.00	£	-	£	440.00	£	440.00	£	-	£	440.00	0.00%	D	N	SEG	CGS	Lynn Whipps/ Jenny Osborne			
Residents Services - Registration - Ceremonies held in Mulberry Suite (Saturday PM) - Large Package					O	£	510.00	£	-	£	510.00	£	510.00	£	-	£	510.00	0.00%	D	N	SEG	CGS	Lynn Whipps/ Jenny Osborne			
Residents Services - Registration - Live streaming of ceremony in the Mulberry Suite					O	£	60.00	£	-	£	60.00	£	60.00	£	-	£	60.00	0.00%	D	N	SEG	CGS	Lynn Whipps/ Jenny Osborne			
Residents Services - Registration - Ceremonies held in Council Chambers – Saturday AM					O	£	500.00	£	-	£	500.00	£	500.00	£	-	£	500.00	0.00%	D	N	SEG	CGS	Lynn Whipps/ Jenny Osborne			
Residents Services - Registration - Ceremonies held in Council Chambers – Saturday PM					O	£	580.00	£	-	£	580.00	£	580.00	£	-	£	580.00	0.00%	D	N	SEG	CGS	Lynn Whipps/ Jenny Osborne			
Residents Services - Registration - Ceremonies held in Committee Rooms - (Saturday AM) - Small Package					O	£	400.00	£	-	£	400.00	£	400.00	£	-	£	400.00	0.00%	D	N	SEG	CGS	Lynn Whipps/ Jenny Osborne			
Residents Services - Registration - Ceremonies held in Committee Rooms - (Saturday AM) - Large Package					O	£	450.00	£	-	£	450.00	£	450.00	£	-	£	450.00	0.00%	D	N	SEG	CGS	Lynn Whipps/ Jenny Osborne			
Residents Services - Registration - Ceremonies held in Committee Rooms - (Saturday PM) - Small Package					O	£	480.00	£	-	£	480.00	£	480.00	£	-	£	480.00	0.00%	D	N	SEG	CGS	Lynn Whipps/ Jenny Osborne			
Residents Services - Registration - Ceremonies held in Committee Rooms - (Saturday PM) - Large Package					O	£	550.00	£	-	£	550.00	£	550.00	£	-	£	550.00	0.00%	D	N	SEG	CGS	Lynn Whipps/ Jenny Osborne			
Residents Services - Registration - Postage and Packing Charge (1st Class Recorded)	O	£	3.60	£	-	£	3.60	O	£	3.60	£	-	£	3.60	£	-	£	-	0.00%	D	U	SEG	CGS	Lynn Whipps/ Jenny Osborne		
Residents Services - Registration - Private Citizenship Ceremony (Monday to Saturday)	O	£	165.00	£	-	£	165.00	O	£	200.00	£	-	£	200.00	£	35.00	£	-	£	35.00	21.21%	D	I	SEG	CGS	Lynn Whipps/ Jenny Osborne
Residents Services - Registration - Re-Schedule of Appointment/ Ceremony	O	£	35.00	£	-	£	35.00	O	£	40.00	£	-	£	40.00	£	5.00	£	-	£	5.00	14.29%	D	I	SEG	CGS	Lynn Whipps/ Jenny Osborne
Resident Services - Registration - Postage and Packing Charge (Special Delivery 24hr Guaranteed)	O	£	10.00	£	-	£	10.00	O	£	10.00	£	-	£	10.00	£	-	£	-	0.00%	D	U	SEG	CGS	Lynn Whipps/ Jenny Osborne		
Administration Charge to complete PD2 / Proof of Life Confirmation forms	O	£	35.00	£	-	£	35.00	O	£	40.00	£	-	£	40.00	£	5.00	£	-	£	5.00	14.29%	D	I	SEG	CGS	Lynn Whipps/ Jenny Osborne
Lacey Room x 8 guests - Monday - Friday					O	£	160.00	£	-	£	160.00	£	160.00	£	-	£	160.00	0.00%	D	N	SEG	CGS	Lynn Whipps/ Jenny Osborne			
Lacey Room x 8 guests - Saturday AM					O	£	220.00	£	-	£	220.00	£	220.00	£	-	£	220.00	0.00%	D	N	SEG	CGS	Lynn Whipps/ Jenny Osborne			
Lacey Room x 8 guests - Saturday PM					O	£	290.00	£	-	£	290.00	£	290.00	£	-	£	290.00	0.00%	D	N	SEG	CGS	Lynn Whipps/ Jenny Osborne			
Consideration by Registrar / Superintendent Registrar of a correction	O	£	75.00	£	-	£	75.00	O	£	75.00	£	-	£	75.00	£	-	£	-	0.00%	S	U	SEG	CGS	Lynn Whipps/ Jenny Osborne		
Consideration by the Registrar General of a correction	O	£	90.00	£	-	£	90.00	O	£	90.00	£	-	£	90.00	£	-	£	-	0.00%	S	U	SEG	CGS	Lynn Whipps/ Jenny Osborne		
Consideration by Superintendent Registrar of a divorce obtained outside of the British Isles	O	£	50.00	£	-	£	50.00	O	£	50.00	£	-	£	50.00	£	-	£	-	0.00%	S	U	SEG	CGS	Lynn Whipps/ Jenny Osborne		
Consideration by the Registrar General of a divorce obtained outside of the British Isles	O	£	75.00	£	-	£	75.00	O	£	75.00	£	-	£	75.00	£	-	£	-	0.00%	S	U	SEG	CGS	Lynn Whipps/ Jenny Osborne		
Consideration by the registration authority of a civil partnership dissolution obtained outside of the British Isles	O	£	50.00	£	-	£	50.00	O	£	50.00	£	-	£	50.00	£	-	£	-	0.00%	S	U	SEG	CGS	Lynn Whipps/ Jenny Osborne		
Consideration by the Registrar General of a civil partnership dissolution obtained outside of the British Isles	O	£	75.00	£	-	£	75.00	O	£	75.00	£	-	£	75.00	£	-	£	-	0.00%	S	U	SEG	CGS	Lynn Whipps/ Jenny Osborne		

RWP - Reduce statutory waiting period on a notice of marriage or civil partnership	O	£	60.00	£	-	£	60.00	O	£	60.00	£	-	£	60.00	£	-	£	-	0.00%	S	U	SEG	CGS	Lynn Whipps/ Jenny Osborne		
RGL - Registrar General's Licence for marriage and civil partnership	O	£	15.00	£	-	£	15.00	O	£	15.00	£	-	£	15.00	£	-	£	-	0.00%	S	U	SEG	CGS	Lynn Whipps/ Jenny Osborne		
Attendance at the civil partnership registration at the Register Office	O	£	46.00	£	-	£	46.00	O	£	46.00	£	-	£	46.00	£	-	£	-	0.00%	S	U	SEG	CGS	Lynn Whipps/ Jenny Osborne		
Register Office x 4 guests - £46 (Monday and Tuesday at 10am) – Statutory								O	£	46.00	£	-	£	46.00	£	46.00	£	-	£	46.00	0.00%	S	N	SEG	CGS	Lynn Whipps/ Jenny Osborne
Attendance at a registered building for a civil partnership ceremony	O	£	86.00	£	-	£	86.00	O	£	86.00	£	-	£	86.00	£	-	£	-	0.00%	S	U	SEG	CGS	Lynn Whipps/ Jenny Osborne		
Attendance at a registered building for a marriage ceremony	O	£	86.00	£	-	£	86.00	O	£	86.00	£	-	£	86.00	£	-	£	-	0.00%	S	U	SEG	CGS	Lynn Whipps/ Jenny Osborne		
Conversion of a civil partnership into marriage at the Register Office	O	£	45.00	£	-	£	45.00	O	£	45.00	£	-	£	45.00	£	-	£	-	0.00%	S	U	SEG	CGS	Lynn Whipps/ Jenny Osborne		
Conversion of a civil partnership into marriage - Two stage procedure on other premises, completing the declaration	O	£	27.00	£	-	£	27.00	O	£	27.00	£	-	£	27.00	£	-	£	-	0.00%	S	U	SEG	CGS	Lynn Whipps/ Jenny Osborne		
Conversion of a civil partnership into marriage - Two stage procedure on other premises, signing the declaration in a religious building registered for the marriage of same sex couples	O	£	91.00	£	-	£	91.00	O	£	91.00	£	-	£	91.00	£	-	£	-	0.00%	S	U	SEG	CGS	Lynn Whipps/ Jenny Osborne		
Change of forename added within 12 months of birth registration	O	£	40.00	£	-	£	40.00	O	£	40.00	£	-	£	40.00	£	-	£	-	0.00%	S	U	SEG	CGS	Lynn Whipps/ Jenny Osborne		
Search in indexes by the applicant personally for not more than six successive hours	O	£	18.00	£	-	£	18.00	O	£	18.00	£	-	£	18.00	£	-	£	-	0.00%	S	U	SEG	CGS	Lynn Whipps/ Jenny Osborne		
Residents Services - Registration - Civil Partnership certificate (Full or short) - 24 hour service	O	£	35.00	£	-	£	35.00	O	£	35.00	£	-	£	35.00	£	-	£	-	0.00%	S	U	SEG	CGS	Lynn Whipps/ Jenny Osborne		
Residents Services - Registration - Civil Partnership certificate (Full or short) - 15 day service	O	£	11.00	£	-	£	11.00	O	£	11.00	£	-	£	11.00	£	-	£	-	0.00%	S	U	SEG	CGS	Lynn Whipps/ Jenny Osborne		
Public Protection - Other Environmental Protection Charges - Contaminated Land enquiries - Residents - flat fee	O	£	31.00	£	-	£	31.00	O	£	50.00	£	-	£	50.00	£	19.00	£	-	£	19.00	61.29%	D	I	PR	CGS	Peter Reynolds
Public Protection - Other Environmental Protection Charges - Contaminated Land enquiries - Solicitors / Potential home owners per hour	O	£	67.00	£	-	£	67.00	O	£	67.00	£	-	£	67.00	£	-	£	-	0.00%	D	U	PR	CGS	Peter Reynolds		
Public Protection - Other Environmental Protection Charges - Environmental surveys - Private Companies per hour	O	£	67.00	£	-	£	67.00	O	£	67.00	£	-	£	67.00	£	-	£	-	0.00%	D	U	PR	CGS	Peter Reynolds		
Public Protection - Other Environmental Protection Charges - High Hedges Fixed Charge for all other owners	O	£	512.00	£	-	£	512.00	O	£	600.00	£	-	£	600.00	£	88.00	£	-	£	88.00	17.19%	D	I	PR	CGS	Peter Reynolds
Public Protection - Other Environmental Protection Charges - Nuisance and public health EP officers charges per hour	O	£	33.00	£	-	£	33.00	O	£	50.00	£	-	£	50.00	£	17.00	£	-	£	17.00	51.52%	D	I	PR	CGS	Peter Reynolds
Public Protection - Other Environmental Protection Charges - Service of notice 10 properties drainage per hour	O	£	67.00	£	-	£	67.00	O	£	67.00	£	-	£	67.00	£	-	£	-	0.00%	D	U	PR	CGS	Peter Reynolds		
Public Protection - Other Environmental Protection Charges - Swimming pool sampling (e-coli etc.) per sample	O	£	51.00	£	-	£	51.00	O	£	51.00	£	-	£	51.00	£	-	£	-	0.00%	D	U	PR	CGS	Peter Reynolds		
EP Drone Services - Pilot per person per hour								O	£	50.00	£	-	£	50.00	£	50.00	£	-	£	50.00	0.00%	D	N	PR	CGS	Peter Reynolds
LA-IPPC Charges - Application	O	£	3,363.00	£	-	£	3,363.00	O	£	3,363.00	£	-	£	3,363.00	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds		
LA-IPPC Charges - Application - Additional Fee for Operating without a permit	O	£	1,188.00	£	-	£	1,188.00	O	£	1,188.00	£	-	£	1,188.00	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds		
LA-IPPC Charges - Application - Annual Subsistence High	O	£	2,233.00	£	-	£	2,233.00	O	£	2,233.00	£	-	£	2,233.00	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds		
LA-IPPC Charges - Application - Annual Subsistence Low	O	£	1,446.00	£	-	£	1,446.00	O	£	1,446.00	£	-	£	1,446.00	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds		
LA-IPPC Charges - Application - Annual Subsistence Medium	O	£	1,610.00	£	-	£	1,610.00	O	£	1,610.00	£	-	£	1,610.00	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds		
LA-IPPC Charges - Application - Late Payment Fee	O	£	52.00	£	-	£	52.00	O	£	52.00	£	-	£	52.00	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds		

LA-IPPC Charges - Application - Partial Transfer	O	£	698.00	£	-	£	698.00	O	£	698.00	£	-	£	698.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LA-IPPC Charges - Application - Substantial Variation	O	£	202.00	£	-	£	202.00	O	£	202.00	£	-	£	202.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LA-IPPC Charges - Application - Surrender	O	£	698.00	£	-	£	698.00	O	£	698.00	£	-	£	698.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LA-IPPC Charges - Application - Transfer	O	£	225.00	£	-	£	225.00	O	£	225.00	£	-	£	225.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPC Charges - Application Fee Standard process (includes solvent emission activities)	O	£	1,650.00	£	-	£	1,650.00	O	£	1,650.00	£	-	£	1,650.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPC Charges Additional fee for operating without a permit	O	£	1,188.00	£	-	£	1,188.00	O	£	1,188.00	£	-	£	1,188.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPC Charges Application fee for PVR1 and Drycleaners	O	£	155.00	£	-	£	155.00	O	£	155.00	£	-	£	155.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPC Charges Application fee for PVR1 & II combined	O	£	257.00	£	-	£	257.00	O	£	257.00	£	-	£	257.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPC Charges - VR's and other reduced fee activities	O	£	362.00	£	-	£	362.00	O	£	362.00	£	-	£	362.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPC Charges Reduced fee activities Additional fee for operating without a permit	O	£	99.00	£	-	£	99.00	O	£	99.00	£	-	£	99.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPC Charges Application Fee Mobile Plant not using simplified permits	O	£	1,650.00	£	-	£	1,650.00	O	£	1,650.00	£	-	£	1,650.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPC Charges Application Fee Mobile Plant not using simplified permits for the 3rd to seventh application	O	£	985.00	£	-	£	985.00	O	£	985.00	£	-	£	985.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPC Charges Application Fee Mobile Plant not using simplified permits for the eighth and subsequent permits	O	£	308.00	£	-	£	308.00	O	£	308.00	£	-	£	308.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPPC Charges - Annual Subsistence Charge - Where the additional amount must be charged where a permit is for a combined Part B and waste installation*	O	£	310.00	£	-	£	310.00	O	£	310.00	£	-	£	310.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPPC Charges - Annual Subsistence Charge - Standard process - Low	O	£	772.00	£	-	£	772.00	O	£	772.00	£	-	£	772.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPC Charges Annual subsistence charge Low additional fee when permit is for a combined part B and Waste Installation	O	£	103.00	£	-	£	103.00	O	£	103.00	£	-	£	103.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPPC Charges - Annual Subsistence Charge - Standard process Medium	O	£	1,161.00	£	-	£	1,161.00	O	£	1,161.00	£	-	£	1,161.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPC Charges Annual subsistence fee Medium additional fee additional fee when permit is for a combined part B and Waste Installation t	O	£	156.00	£	-	£	156.00	O	£	156.00	£	-	£	156.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPPC Charges - Annual Subsistence Charge - Standard process High	O	£	1,747.00	£	-	£	1,747.00	O	£	1,747.00	£	-	£	1,747.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPC Charges - Annual subsistence Charge High additional fee additional fee when permit is for a combined part B and Waste Installation	O	£	207.00	£	-	£	207.00	O	£	207.00	£	-	£	207.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPPC Charges Annual subsistence fee charges - PVR 1 and Dry Cleaners Low	O	£	79.00	£	-	£	79.00	O	£	79.00	£	-	£	79.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPPC Charges Annual subsistence fee charges - PVR 1 and Dry Cleaners Medium	O	£	158.00	£	-	£	158.00	O	£	158.00	£	-	£	158.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPPC Charges Annual subsistence fee charges - PVR 1 and Dry Cleaners High	O	£	237.00	£	-	£	237.00	O	£	237.00	£	-	£	237.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPC Charges - Annual subsistence fee PVR1 and II combined Low	O	£	113.00	£	-	£	113.00	O	£	113.00	£	-	£	113.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPC Charges - Annual subsistence fee PVR1 and II combined Medium	O	£	226.00	£	-	£	226.00	O	£	226.00	£	-	£	226.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPC Charges - Annual subsistence fee PVR1 and II combined High	O	£	341.00	£	-	£	341.00	O	£	341.00	£	-	£	341.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPC Charges - Annual subsistence fee VR's and other Reduced Fees Low	O	£	228.00	£	-	£	228.00	O	£	228.00	£	-	£	228.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds

LAPC Charges - Annual subsistence fee VR's and other Reduced Fees Medium	O	£	365.00	£	-	£	365.00	O	£	365.00	£	-	£	365.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPC Charges - Annual subsistence fee VR's and other Reduced Fees High	O	£	543.00	£	-	£	543.00	O	£	543.00	£	-	£	543.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPPC Charges - Mobile Plant Charges (Not using Simplified permits) - Subsistence Fee for the first and second permit Low	O	£	646.00	£	-	£	646.00	O	£	646.00	£	-	£	646.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPPC Charges - Mobile Plant Charges (Not using Simplified permits) - Subsistence Fee for the first and second permit medium	O	£	1,034.00	£	-	£	1,034.00	O	£	1,034.00	£	-	£	1,034.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPPC Charges - Mobile Plant Charges (Not using Simplified permits) - Subsistence Fee for the first and second permit high	O	£	1,506.00	£	-	£	1,506.00	O	£	1,506.00	£	-	£	1,506.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPPC Charges - Mobile Plant Charges (Not using Simplified permits) - Subsistence Fee for the third to seventh permit Low	O	£	385.00	£	-	£	385.00	O	£	385.00	£	-	£	385.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LLAPPC Charges - Mobile Plant Charges (Not using Simplified permits) - Subsistence Fee for the third to seventh permit medium	O	£	617.00	£	-	£	617.00	O	£	617.00	£	-	£	617.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPPC Charges - Mobile Plant Charges (Not using Simplified permits) - Subsistence Fee for the third to seventh permit High	O	£	924.00	£	-	£	924.00	O	£	924.00	£	-	£	924.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPPC Charges - Mobile Plant Charges (Not using Simplified permits) - Subsistence Fee for the eighth and subsequent permit Low	O	£	198.00	£	-	£	198.00	O	£	198.00	£	-	£	198.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPPC Charges - Mobile Plant Charges (Not using Simplified permits) - Subsistence Fee for the eighth and subsequent permit Medium	O	£	316.00	£	-	£	316.00	O	£	316.00	£	-	£	316.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPPC Charges - Mobile Plant Charges (Not using Simplified permits) - Subsistence Fee for the eighth and subsequent permit High	O	£	473.00	£	-	£	473.00	O	£	473.00	£	-	£	473.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPPC Charges - Late Payment fee	O	£	52.00	£	-	£	52.00	O	£	52.00	£	-	£	52.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
*When a Part B installation is subject to reporting under the E-PRTR Regulation and additional £103 should be added to the annual subsistence charges	O	£	103.00	£	-	£	103.00	O	£	103.00	£	-	£	103.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPPC Charges - Standard Process transfer	O	£	169.00	£	-	£	169.00	O	£	169.00	£	-	£	169.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPPC Charges - Standard Process partial transfer	O	£	497.00	£	-	£	497.00	O	£	497.00	£	-	£	497.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPPC Charges - New operator at Low risk reduced fee activity Extra one off subsistence charge	O	£	78.00	£	-	£	78.00	O	£	78.00	£	-	£	78.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPPC Charges - Surrender all part B activities	O	Free of Charge	£	-	Free of Charge	O	Free of Charge	£	-	Free of Charge	£	-	Free of Charge	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds	
LAPPC Charges - Reduced fees activities transfer	O	Free of Charge	£	-	Free of Charge	O	Free of Charge	£	-	Free of Charge	£	-	Free of Charge	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds	
LAPPC Charges - Reduced fees activities partial transfer	O	£	47.00	£	-	£	47.00	O	£	47.00	£	-	£	47.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPPC Charges - Temporary transfer for mobiles - First Transfer	O	£	53.00	£	-	£	53.00	O	£	53.00	£	-	£	53.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPPC Charges - Temporary transfer for mobiles - repeat transfer following enforcement or warning	O	£	53.00	£	-	£	53.00	O	£	53.00	£	-	£	53.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPPC Charges - Substantial change Standard process	O	£	1,050.00	£	-	£	1,050.00	O	£	1,050.00	£	-	£	1,050.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPPC Charges - Substantial change Standard process where the substantial change results in a new PPC activity	O	£	1,650.00	£	-	£	1,650.00	O	£	1,650.00	£	-	£	1,650.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPPC Charges - (partB) mobile plant charges (not using simplified permits) Application fee number of permits 1	O	£	1,650.00	£	-	£	1,650.00	O	£	1,650.00	£	-	£	1,650.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPPC Charges - (partB) mobile plant charges (not using simplified permits) Application fee number of permits 2	O	£	1,650.00	£	-	£	1,650.00	O	£	1,650.00	£	-	£	1,650.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPPC Charges - (partB) mobile plant charges (not using simplified permits) Application fee number of permits 3, 4, 5, 6 and 7	O	£	985.00	£	-	£	985.00	O	£	985.00	£	-	£	985.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPPC Charges - (partB) mobile plant charges (not using simplified permits) Application fee number of permits 8 and over	O	£	498.00	£	-	£	498.00	O	£	498.00	£	-	£	498.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds

LAPPC Charges - (partB) mobile plant charges (not using simplified permits) annual subsistence fee low fee number of permits 1 and 2	O	£	646.00	£	-	£	646.00	O	£	646.00	£	-	£	646.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPPC Charges - (partB) mobile plant charges (not using simplified permits) annual subsistence fee low number of permits 3, 4, 5, 6 and 7	O	£	385.00	£	-	£	385.00	O	£	385.00	£	-	£	385.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPPC Charges - (partB) mobile plant charges (not using simplified permits) annual subsistence fee low number of permits 8 and over	O	£	198.00	£	-	£	198.00	O	£	198.00	£	-	£	198.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPPC Charges - (partB) mobile plant charges (not using simplified permits) annual subsistence fee Medium number of permits 1 and 2	O	£	1,034.00	£	-	£	1,034.00	O	£	1,034.00	£	-	£	1,034.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPPC Charges - (partB) mobile plant charges (not using simplified permits) annual subsistence fee Medium number of permits 3, 4, 5, 6 and 7	O	£	617.00	£	-	£	617.00	O	£	617.00	£	-	£	617.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPPC Charges - (partB) mobile plant charges (not using simplified permits) annual subsistence fee Medium number of permits 8 and over	O	£	316.00	£	-	£	316.00	O	£	316.00	£	-	£	316.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPPC Charges - (partB) mobile plant charges (not using simplified permits) annual subsistence fee High number of permits 1 and 2	O	£	1,506.00	£	-	£	1,506.00	O	£	1,506.00	£	-	£	1,506.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPPC Charges - (partB) mobile plant charges (not using simplified permits) annual subsistence fee High number of permits 3, 4, 5, 6 and 7	O	£	924.00	£	-	£	924.00	O	£	924.00	£	-	£	924.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
LAPPC Charges - (partB) mobile plant charges (not using simplified permits) annual subsistence fee High number of permits 8 and over	O	£	473.00	£	-	£	473.00	O	£	473.00	£	-	£	473.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Peter Reynolds
Abandoned Vehicles - Administration charge for removal of vehicle from private property when directed by Management company or Private Landowner	O	£	77.00	£	-	£	77.00	O	£	100.00	£	-	£	100.00	£	23.00	£	-	£	23.00	29.87%	D	I	PR	CGS	Phil Carver/ Lisa Preston
Abandoned vehicles - Where collection and disposal is carried out by the Council's authorised contractor - Storage (When taken into safe custody) per day	S	£	21.40	£	4.28	£	25.68	S	£	25.00	£	5.00	£	30.00	£	3.60	£	0.72	£	4.32	16.82%	D	I	PR	CGS	Phil Carver/ Lisa Preston
Abandoned vehicles - Where collection and disposal is carried out by the Council's authorised contractor - To take vehicle into storage - Vehicle Upright, undamaged and accessible.	S	£	214.00	£	42.80	£	256.80	S	£	166.67	£	33.33	£	200.00	£	47.33	£	9.47	£	56.80	-22.12%	D	D	PR	CGS	Phil Carver/ Lisa Preston
Tolerance Policy - Portable toilets 1 day - 4 weeks	S	£	175.00	£	35.00	£	210.00	S	£	175.00	£	35.00	£	210.00	£	-	£	-	£	-	0.00%	D	U	PR	CGS	Phil Carver/ Lisa Preston
Enforcement Fees - Depositing Litter - no discount for early repayment	E	£	150.00	£	-	£	150.00	E	£	150.00	£	-	£	150.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Phil Carver/ Lisa Preston
Enforcement Fees Wilful Obstruction of the highway	O	£	100.00	£	-	£	100.00	O	£	100.00	£	-	£	100.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Phil Carver/ Lisa Preston
Enforcement Fees - Engine Idling	O	£	£20 to £40 if unpaid before 28 days	£	-	£	£20 to £40 if unpaid before 28 days	O	£	£20 to £40 if unpaid before 28 days	£	-	£	£20 to £40 if unpaid before 28 days	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Phil Carver/ Lisa Preston
Enforcement fees - Duty of care Domestic waste	O	£	400.00	£	-	£	400.00	O	£	400.00	£	-	£	400.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Phil Carver/ Lisa Preston
Enforcement Fees - Failure to comply with a notice requiring works to prevent soil and refuse escaping onto the street or into a sewer	O	£	100.00	£	-	£	100.00	O	£	100.00	£	-	£	100.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Phil Carver/ Lisa Preston
Enforcement Fees - Pitching of stalls, booths or stands or encamping on a highway	O	£	100.00	£	-	£	100.00	O	£	100.00	£	-	£	100.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Phil Carver/ Lisa Preston
Enforcement Fees - Depositing anything on the highway to the interpretation of the user	O	£	100.00	£	-	£	100.00	O	£	100.00	£	-	£	100.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Phil Carver/ Lisa Preston
Enforcement Fees - Failure to comply with a notice requiring removal of tree or shrub	O	£	100.00	£	-	£	100.00	O	£	100.00	£	-	£	100.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Phil Carver/ Lisa Preston
Enforcement Fees - Unauthorised Disposal of Waste (Fly-tipping) - no discount for early repayment	O	£	400.00	£	-	£	400.00	O	£	400.00	£	-	£	400.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Phil Carver/ Lisa Preston
Enforcement Fees - Depositing material on a made up carriageway	O	£	100.00	£	-	£	100.00	O	£	100.00	£	-	£	100.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Phil Carver/ Lisa Preston
Enforcement Fees - Depositing material etc. within 15 feet from the centre of a made up carriageway	O	£	100.00	£	-	£	100.00	O	£	100.00	£	-	£	100.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Phil Carver/ Lisa Preston
Enforcement Fees - Using stall etc. for road side sales in certain circumstances	O	£	100.00	£	-	£	100.00	O	£	100.00	£	-	£	100.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Phil Carver/ Lisa Preston
Enforcement Fees - Failure to secure removal of a skip	O	£	100.00	£	-	£	100.00	O	£	100.00	£	-	£	100.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Phil Carver/ Lisa Preston
Enforcement Fees - Failure to comply with conditions of permission	O	£	100.00	£	-	£	100.00	O	£	100.00	£	-	£	100.00	£	-	£	-	£	-	0.00%	S	U	PR	CGS	Phil Carver/ Lisa Preston

Enforcement Fees - Failure to remove or reposition builders skip	O	£	100.00	£	-	£	100.00	O	£	100.00	£	-	£	100.00	£	-	£	-	0.00%	S	U	PR	CGS	Phil Carver/ Lisa Preston		
Enforcement Fees - Failure to secure lighting or other markings on a builders skip with name and address	O	£	100.00	£	-	£	100.00	O	£	100.00	£	-	£	100.00	£	-	£	-	0.00%	S	U	PR	CGS	Phil Carver/ Lisa Preston		
Enforcement Fees - Erecting a building, fence or hedge on a highway	O	£	100.00	£	-	£	100.00	O	£	100.00	£	-	£	100.00	£	-	£	-	0.00%	S	U	PR	CGS	Phil Carver/ Lisa Preston		
Enforcement Fees - Depositing a builders skip on a highway without permission	O	£	100.00	£	-	£	100.00	O	£	100.00	£	-	£	100.00	£	-	£	-	0.00%	S	U	PR	CGS	Phil Carver/ Lisa Preston		
Enforcement Fees - Unlicensed street trading	O	£	100.00	£	-	£	100.00	O	£	100.00	£	-	£	100.00	£	-	£	-	0.00%	S	U	PR	CGS	Phil Carver/ Lisa Preston		
Enforcement Fees - Failure to produce a Street Trading licence on demand	O	£	100.00	£	-	£	100.00	O	£	100.00	£	-	£	100.00	£	-	£	-	0.00%	S	U	PR	CGS	Phil Carver/ Lisa Preston		
Enforcement Fees - Contravention of condition of street trading licence or temporary licence	O	£	100.00	£	-	£	100.00	O	£	100.00	£	-	£	100.00	£	-	£	-	0.00%	S	U	PR	CGS	Phil Carver/ Lisa Preston		
Enforcement Fees - Failure to Produce Authority (Waste Transfer Notes) - no discount for early repayment	E	£	300.00	£	-	£	300.00	E	£	300.00	£	-	£	300.00	£	-	£	-	0.00%	S	U	PR	CGS	Phil Carver/ Lisa Preston		
Enforcement Fees - Failure to Furnish Documentation (Waste Carriers Licence) - no discount for early repayment	E	£	300.00	£	-	£	300.00	E	£	300.00	£	-	£	300.00	£	-	£	-	0.00%	S	U	PR	CGS	Phil Carver/ Lisa Preston		
Enforcement Fees - Unauthorised Distribution of Free Printed Matter / Literature - no discount for early repayment	E	£	150.00	£	-	£	150.00	E	£	150.00	£	-	£	150.00	£	-	£	-	0.00%	S	U	PR	CGS	Phil Carver/ Lisa Preston		
Enforcement Fees - Failure to Comply with a Waste Receptacles Notice - no discount for early repayment	E	£	110.00	£	-	£	110.00	E	£	110.00	£	-	£	110.00	£	-	£	-	0.00%	S	U	PR	CGS	Phil Carver/ Lisa Preston		
Enforcement Fees - Nuisance Parking - no discount for early repayment	E	£	100.00	£	-	£	100.00	E	£	100.00	£	-	£	100.00	£	-	£	-	0.00%	S	U	PR	CGS	Phil Carver/ Lisa Preston		
Enforcement Fees - Abandoning a Vehicle - no discount for early repayment	E	£	200.00	£	-	£	200.00	E	£	200.00	£	-	£	200.00	£	-	£	-	0.00%	S	U	PR	CGS	Phil Carver/ Lisa Preston		
Enforcement Fees - Graffiti - no discount for early repayment	E	£	150.00	£	-	£	150.00	E	£	150.00	£	-	£	150.00	£	-	£	-	0.00%	S	U	PR	CGS	Phil Carver/ Lisa Preston		
Enforcement Fees - Fly-Posting - no discount for early repayment	E	£	150.00	£	-	£	150.00	E	£	150.00	£	-	£	150.00	£	-	£	-	0.00%	S	U	PR	CGS	Phil Carver/ Lisa Preston		
Enforcement Fees - Failure to Comply with a Community Protection Notice - no discount for early repayment	E	£	100.00	£	-	£	100.00	E	£	100.00	£	-	£	100.00	£	-	£	-	0.00%	S	U	PR	CGS	Phil Carver/ Lisa Preston		
Enforcement Fees - Failure to Comply with a Public Space Protection Order - no discount for early repayment	E	£	100.00	£	-	£	100.00	E	£	100.00	£	-	£	100.00	£	-	£	-	0.00%	S	U	PR	CGS	Phil Carver/ Lisa Preston		
Cultural Services - Thameside Theatre and Central Complex - Performance Surcharge	S	£	170.84	£	34.17	£	205.00	S	£	170.84	£	34.17	£	205.00	£	-	£	-	0.00%	D	U	SEG	CGS	Gerard McCleave		
Cultural Services - Thameside Theatre and Central Complex - Room Hire - Third Floor Foyer Monday to Friday 9am to 5pm only - per hour	E	£	15.30	£	-	£	15.30	E	£	20.00	£	-	£	20.00	£	4.70	£	-	£	4.70	30.72%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Room Hire - Third Floor Foyer Saturdays (Note will also require a member of staff for whole hire period at the hourly cost of £24.00 as set in SOC or bar surcharge of £55 if being used) - per hour								E	£	50.00	£	-	£	50.00	£	50.00	£	-	£	50.00	0.00%	D	N	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Gallery Booking Deposit	E	£	25.50	£	-	£	25.50	E	£	25.50	£	-	£	25.50	£	-	£	-	0.00%	D	U	SEG	CGS	Gerard McCleave		
Cultural Services - Thameside Theatre and Central Complex - Surcharge for staff and bar with Foyer per booking	S	£	42.67	£	8.53	£	51.20	S	£	45.83	£	9.17	£	55.00	£	3.16	£	0.63	£	3.79	7.42%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Foyer Hire - Outside standard hours security costs per booking								S	£	54.17	£	10.83	£	65.00	£	54.17	£	10.83	£	65.00	0.00%	D	N	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Extra Staff - For technical or Front of house work. Charged per hour minimum 3 hours.	S	£	15.42	£	3.08	£	18.50	S	£	20.00	£	4.00	£	24.00	£	4.58	£	0.92	£	5.50	29.73%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Radio Microphone System Price per 4 microphones	S	£	24.58	£	4.92	£	29.50	S	£	25.83	£	5.17	£	31.00	£	1.25	£	0.25	£	1.50	5.08%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Museum as additional dressing rooms - Only available after museum closing times 5pm-11pm (Additional cleaning costs may be incurred if guidelines are not followed)	E	£	70.00	£	-	£	70.00	E	£	74.00	£	-	£	74.00	£	4.00	£	-	£	4.00	5.71%	D	I	SEG	CGS	Gerard McCleave

Cultural Services - Thameside Theatre and Central Complex - Digital Cinema Projector	S	£	56.25	£	11.25	£	67.50	S	£	59.17	£	11.83	£	71.00	£	2.92	£	0.58	£	3.50	5.19%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - PA in Foyer with operator for up to 4 hours - additional hours at hourly technician rate as per charges								S	£	140.00	£	28.00	£	168.00	£	140.00	£	28.00	£	168.00	0.00%	D	N	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Set up and Remove Stage in Foyer	S	£	56.25	£	11.25	£	67.50	S	£	59.17	£	11.83	£	71.00	£	2.92	£	0.58	£	3.50	5.19%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Off Peak Tariff - Commercial Organisations Mondays and Tuesdays in January, February and August only. Standard Fee per hour between 09:00 to 18:00	S	£	64.58	£	12.92	£	77.50	S	£	67.92	£	13.58	£	81.50	£	210.41	£	42.08	£	4.00	5.16%	D	D	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Off Peak Tariff - Commercial Organisations Mondays and Tuesdays in January, February and August only. Standard block 18:00 to 23:00	S	£	278.33	£	55.67	£	334.00	S	£	292.50	£	58.50	£	351.00	£	227.92	£	45.58	£	17.00	5.09%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Off Peak Tariff - Commercial Organisations Mondays and Tuesdays in January, February and August only. Additional hour after 23:00	S	£	147.50	£	29.50	£	177.00	S	£	155.00	£	31.00	£	186.00	£	7.50	£	1.50	£	9.00	5.08%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Tariff 1 - Thurrock based non profit organisations, members of Thurrock Arts Council and Thurrock Schools and Colleges - Additional hours after 23.00 - Fridays - 1) Thurrock Council services and DFE funded schools and academies	E	£	184.00	£	-	£	184.00	E	£	193.00	£	-	£	193.00	£	9.00	£	-	£	9.00	4.89%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Tariff 1 - Thurrock based non profit organisations, members of Thurrock Arts Council and Thurrock Schools and Colleges - Additional hours after 23.00 - Fridays - 2) Thurrock based non-profit organisations and members of Thurrock Arts Council	S	£	184.17	£	36.83	£	221.00	S	£	193.33	£	38.67	£	232.00	£	9.16	£	1.83	£	11.00	4.98%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Tariff 1 - Thurrock based non profit organisations, members of Thurrock Arts Council and Thurrock Schools and Colleges - Additional hours after 23.00 - Saturday - 1) Thurrock Council services and DFE funded schools and academies	E	£	268.00	£	-	£	268.00	E	£	282.00	£	-	£	282.00	£	14.00	£	-	£	14.00	5.22%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Tariff 1 - Thurrock based non profit organisations, members of Thurrock Arts Council and Thurrock Schools and Colleges - Additional hours after 23.00 - Saturday - 2) Thurrock based non-profit organisations and members of Thurrock Arts Council	S	£	268.33	£	53.67	£	322.00	S	£	282.50	£	56.50	£	339.00	£	14.17	£	2.83	£	17.00	5.28%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Tariff 1 - Thurrock based non profit organisations, members of Thurrock Arts Council and Thurrock Schools and Colleges - Additional hours after 23.00 - Sundays - 1) Thurrock Council services and DFE funded schools and academies	E	£	268.00	£	-	£	268.00	E	£	282.00	£	-	£	282.00	£	14.00	£	-	£	14.00	5.22%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Tariff 1 - Thurrock based non profit organisations, members of Thurrock Arts Council and Thurrock Schools and Colleges - Additional hours after 23.00 - Sundays - 2) Thurrock based non-profit organisations and members of Thurrock Arts Council	S	£	268.33	£	53.67	£	322.00	S	£	282.50	£	56.50	£	339.00	£	14.17	£	2.83	£	17.00	5.28%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Tariff 1 - Thurrock based non profit organisations, members of Thurrock Arts Council and Thurrock Schools and Colleges - Standard fee per hour 09.00 to 18.00 - Friday - 1) Thurrock Council services and DFE funded schools and academies	E	£	83.00	£	-	£	83.00	E	£	87.00	£	-	£	87.00	£	4.00	£	-	£	4.00	4.82%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Tariff 1 - Thurrock based non profit organisations, members of Thurrock Arts Council and Thurrock Schools and Colleges - Standard fee per hour 09.00 to 18.00 - Friday - 2) Thurrock based non-profit organisations and members of Thurrock Arts Council	S	£	83.33	£	16.67	£	100.00	S	£	87.50	£	17.50	£	105.00	£	4.17	£	0.83	£	5.00	5.00%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Tariff 1 - Thurrock based non profit organisations, members of Thurrock Arts Council and Thurrock Schools and Colleges - Standard fee per hour 09.00 to 18.00 - Monday to Thursday - 1) Thurrock Council services and DFE funded schools and academies	E	£	64.50	£	-	£	64.50	E	£	67.50	£	-	£	67.50	£	3.00	£	-	£	3.00	4.65%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Tariff 1 - Thurrock based non profit organisations, members of Thurrock Arts Council and Thurrock Schools and Colleges - Standard fee per hour 09.00 to 18.00 - Monday to Thursday - 2) Thurrock based non-profit organisations and members of Thurrock Arts Council	S	£	64.58	£	12.92	£	77.50	S	£	67.92	£	13.58	£	81.50	£	3.34	£	0.67	£	4.00	5.16%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Tariff 1 - Thurrock based non profit organisations, members of Thurrock Arts Council and Thurrock Schools and Colleges - Standard fee per hour 09.00 to 23.00 - Sunday - 1) Thurrock Council services and DFE funded schools and academies	E	£	132.00	£	-	£	132.00	E	£	139.00	£	-	£	139.00	£	7.00	£	-	£	7.00	5.30%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Tariff 1 - Thurrock based non profit organisations, members of Thurrock Arts Council and Thurrock Schools and Colleges - Standard fee per hour 09.00 to 23.00 - Sunday - 2) Thurrock based non-profit organisations and members of Thurrock Arts Council	S	£	131.67	£	26.33	£	158.00	S	£	138.33	£	27.67	£	166.00	£	6.66	£	1.33	£	8.00	5.06%	D	I	SEG	CGS	Gerard McCleave

Cultural Services - Thameside Theatre and Central Complex - Tariff 1 - Thurrock based non profit organisations, members of Thurrock Arts Council and Thurrock Schools and Colleges - Standard fee period 18.00 to 23.00 - Friday - 1) Thurrock Council services and DFE funded schools and academies	E	£	512.00	£	-	£	512.00	E	£	540.00	£	-	£	540.00	£	28.00	£	-	£	28.00	5.47%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Tariff 1 - Thurrock based non profit organisations, members of Thurrock Arts Council and Thurrock Schools and Colleges - Standard fee period 18.00 to 23.00 - Friday - 2) Thurrock based non-profit organisations and members of Thurrock Arts Council	S	£	511.67	£	102.33	£	614.00	S	£	537.50	£	107.50	£	645.00	£	25.83	£	5.17	£	31.00	5.05%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Tariff 1 - Thurrock based non profit organisations, members of Thurrock Arts Council and Thurrock Schools and Colleges - Standard fee period 18.00 to 23.00 - Monday to Thursday - 1) Thurrock Council services and DFE funded schools and academies	E	£	278.00	£	-	£	278.00	E	£	291.00	£	-	£	291.00	£	13.00	£	-	£	13.00	4.68%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Tariff 1 - Thurrock based non profit organisations, members of Thurrock Arts Council and Thurrock Schools and Colleges - Standard fee period 18.00 to 23.00 - Monday to Thursday - 2) Thurrock based non-profit organisations and members of Thurrock Arts Council	S	£	278.33	£	55.67	£	334.00	S	£	292.50	£	58.50	£	351.00	£	14.17	£	2.83	£	17.00	5.09%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Tariff 1 - Thurrock based non profit organisations, members of Thurrock Arts Council and Thurrock Schools and Colleges - Standard fee period 18.00 to 23.00 - Saturday - 1) Thurrock Council services and DFE funded schools and academies	E	£	673.00	£	-	£	673.00	E	£	705.00	£	-	£	705.00	£	32.00	£	-	£	32.00	4.75%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Tariff 1 - Thurrock based non profit organisations, members of Thurrock Arts Council and Thurrock Schools and Colleges - Standard fee period 18.00 to 23.00 - Saturday - 2) Thurrock based non-profit organisations and members of Thurrock Arts Council	S	£	672.50	£	134.50	£	807.00	S	£	704.17	£	140.83	£	845.00	£	31.67	£	6.33	£	38.00	4.71%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Tariff 1 - Thurrock based non profit organisations, members of Thurrock Arts Council and Thurrock Schools and Colleges - Standard fee period per additional hour after 11pm Mon-Thurs - 1) Thurrock Council services and DFE funded schools and academies	E	£	148.00	£	-	£	148.00	E	£	155.00	£	-	£	155.00	£	7.00	£	-	£	7.00	4.73%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Tariff 1 - Thurrock based non profit organisations, members of Thurrock Arts Council and Thurrock Schools and Colleges - Standard fee period per additional hour after 11pm Mon-Thurs - 2) Thurrock based non-profit organisations and members of Thurrock Arts Council	S	£	147.50	£	29.50	£	177.00	S	£	155.00	£	31.00	£	186.00	£	7.50	£	1.50	£	9.00	5.08%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Tariff 1 - Thurrock based non profit organisations, members of Thurrock Arts Council and Thurrock Schools and Colleges - Standard fee per hour 08.00 to 18.00 - Saturday - 1) Thurrock Council services and DFE funded schools and academies	E	£	105.00	£	-	£	105.00	E	£	110.00	£	-	£	110.00	£	5.00	£	-	£	5.00	4.76%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Tariff 1 - Thurrock based non profit organisations, members of Thurrock Arts Council and Thurrock Schools and Colleges - Standard fee per hour 08.00 to 18.00 - Saturday - 2) Thurrock based non-profit organisations and members of Thurrock Arts Council	S	£	104.17	£	20.83	£	125.00	S	£	109.17	£	21.83	£	131.00	£	5.00	£	1.00	£	6.00	4.80%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Tariff 3 - Commercial organisations - Additional hours after 23.00 - Monday to Thursday	S	£	214.17	£	42.83	£	257.00	S	£	225.00	£	45.00	£	270.00	£	10.83	£	2.17	£	13.00	5.06%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Tariff 3 - Commercial organisations - Additional hours after 23.00 - Saturday	S	£	350.00	£	70.00	£	420.00	S	£	367.50	£	73.50	£	441.00	£	17.50	£	3.50	£	21.00	5.00%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Tariff 3 - Commercial organisations - Friday per hour 08.00 to 18.00	S	£	163.33	£	32.67	£	196.00	S	£	171.67	£	34.33	£	206.00	£	8.34	£	1.67	£	10.00	5.10%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Tariff 3 - Commercial organisations - Monday to Thursday per hour 08.00 to 18.00	S	£	157.50	£	31.50	£	189.00	S	£	165.00	£	33.00	£	198.00	£	7.50	£	1.50	£	9.00	4.76%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Tariff 3 - Commercial organisations - Saturday per hour 08.00 to 18.00	S	£	179.17	£	35.83	£	215.00	S	£	188.33	£	37.67	£	226.00	£	9.16	£	1.83	£	11.00	5.12%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Tariff 3 - Commercial organisations - Standard Fee per period - 18.00 to 23.00 - Friday	S	£	923.33	£	184.67	£	1,108.00	S	£	966.67	£	193.33	£	1,160.00	£	43.34	£	8.67	£	52.00	4.69%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Tariff 3 - Commercial organisations - Standard Fee per period - 18.00 to 23.00 - Saturday	S	£	1,251.67	£	250.33	£	1,502.00	S	£	1,316.67	£	263.33	£	1,580.00	£	65.00	£	13.00	£	78.00	5.19%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Tariff 3 - Commercial organisations - Additional hours after 23.00 - Friday	S	£	236.67	£	47.33	£	284.00	S	£	247.50	£	49.50	£	297.00	£	10.83	£	2.17	£	13.00	4.58%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Tariff 3 - Commercial organisations - Additional hours after 23.00 - Sunday	S	£	350.00	£	70.00	£	420.00	S	£	367.50	£	73.50	£	441.00	£	17.50	£	3.50	£	21.00	5.00%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Tariff 3 - Commercial organisations - Standard Fee per period - 18.00 to 23.00 - Monday to Thursday	S	£	574.17	£	114.83	£	689.00	S	£	604.17	£	120.83	£	725.00	£	30.00	£	6.00	£	36.00	5.22%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Tariff 3 - Commercial organisations - Sunday per hour 09.00 to 23.00	S	£	210.83	£	42.17	£	253.00	S	£	222.50	£	44.50	£	267.00	£	11.67	£	2.33	£	14.00	5.53%	D	I	SEG	CGS	Gerard McCleave

Cultural Service - Thameside Theatre - Bronze Technical Package	S	£	85.00	£	17.00	£	102.00	S	£	89.17	£	17.83	£	107.00	£	4.17	£	0.83	£	5.00	4.90%	D	I	SEG	CGS	Gerard McCleave
Cultural Service - Thameside Theatre - Silver Technical Package	S	£	119.17	£	23.83	£	143.00	S	£	125.00	£	25.00	£	150.00	£	5.83	£	1.17	£	7.00	4.90%	D	I	SEG	CGS	Gerard McCleave
Cultural Service - Thameside Theatre - Gold Technical Package	S	£	136.66	£	27.33	£	164.00	S	£	143.33	£	28.67	£	172.00	£	6.67	£	1.33	£	8.00	4.88%	D	I	SEG	CGS	Gerard McCleave
Cultural Service - Thameside Theatre - Platinum Technical Package	S	£	255.83	£	51.17	£	307.00	S	£	267.50	£	53.50	£	321.00	£	11.67	£	2.33	£	14.00	4.56%	D	I	SEG	CGS	Gerard McCleave
Cultural Service - Thameside Theatre - Foyer Party Package	S	£	255.83	£	51.17	£	307.00	S	£	267.50	£	53.50	£	321.00	£	11.67	£	2.33	£	14.00	4.56%	D	I	SEG	CGS	Gerard McCleave
Cultural Service - Thameside Theatre - Outdoor events Package	S	£	820.00	£	164.00	£	984.00	S	£	858.33	£	171.67	£	1,030.00	£	38.33	£	7.67	£	46.00	4.67%	D	I	SEG	CGS	Gerard McCleave
Cultural Service - Thameside Theatre - Indoor Events Package	S	£	820.00	£	164.00	£	984.00	S	£	858.33	£	171.67	£	1,030.00	£	38.33	£	7.67	£	46.00	4.67%	D	I	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre - Studio Hire 4 hours Monday to Thursday								S	£	200.00	£	40.00	£	240.00	£	200.00	£	40.00	£	240.00	0.00%	D	N	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre - Studio Hire 8 hours Monday to Thursday								S	£	400.00	£	80.00	£	480.00	£	400.00	£	80.00	£	480.00	0.00%	D	N	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre - Studio Hire 4 hours Friday & Saturday								S	£	300.00	£	60.00	£	360.00	£	300.00	£	60.00	£	360.00	0.00%	D	N	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre - Studio Hire 8 hours Friday & Saturday								S	£	600.00	£	120.00	£	720.00	£	600.00	£	120.00	£	720.00	0.00%	D	N	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre - Filming - Single Camera and Basic Edit up to 20 DVDS or digital copy (Charge per performance)								S	£	250.00	£	50.00	£	300.00	£	250.00	£	50.00	£	300.00	0.00%	D	N	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre - Filming - Static Multi Camera, Live Mix and Basic Edit up to 20 DVDS or digital copy (Charge per performance)								S	£	300.00	£	60.00	£	360.00	£	300.00	£	60.00	£	360.00	0.00%	D	N	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre - Filming - Multi Camera including one roaming camera, live mix and basic edit and extra tech up to 20 DVDS or digital copy (Charge per performance)								S	£	400.00	£	80.00	£	480.00	£	400.00	£	80.00	£	480.00	0.00%	D	N	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre - Filming - Additional DVD's								S	£	10.42	£	2.08	£	12.50	£	10.42	£	2.08	£	12.50	0.00%	D	N	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre - Filming - Additional Editing per hour								S	£	50.00	£	10.00	£	60.00	£	50.00	£	10.00	£	60.00	0.00%	D	N	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre - Ticketing - Private Sale and no marketing for hirers all tickets over the value of £5 incur a £1 booking fee								S	£	1.00	£	0.20	£	1.20	£	1.00	£	0.20	£	1.20	0.00%	D	N	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre - Ticketing - Commercial Events with standard marketing package tickets over the value of £5 incur a £1 booking fee and a 10% of sales								S	£	1.00	£	0.20	£	1.20	£	1.00	£	0.20	£	1.20	0.00%	D	N	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre - Mascot Appearance								S	£	20.00	£	4.00	£	24.00	£	20.00	£	4.00	£	24.00	0.00%	D	N	SEG	CGS	Gerard McCleave
Heritage - School Visits both in school & externally (whole day 10am - 2:30pm)	E	£	156.00	£	-	£	156.00	E	£	156.00	£	-	£	156.00	£	-	£	-	£	-	0.00%	D	U	SEG	CGS	Gerard McCleave/ Michelle Savage
Heritage - School Visits both in school & externally (half day 10am - 12pm)								E	£	78.00	£	-	£	78.00	£	78.00	£	-	£	78.00	0.00%	D	N	SEG	CGS	Gerard McCleave/ Michelle Savage
Heritage - Historical and Education Talks - offsite New Talks	E	£	103.00	£	-	£	103.00	E	£	103.00	£	-	£	103.00	£	-	£	-	£	-	0.00%	D	U	SEG	CGS	Gerard McCleave/ Michelle Savage
Heritage - Historical and Education Talks - offsite Existing Talks	E	£	72.00	£	-	£	72.00	E	£	72.00	£	-	£	72.00	£	-	£	-	£	-	0.00%	D	U	SEG	CGS	Gerard McCleave/ Michelle Savage
Heritage - Historical and Education Talks at Museum - per person	E	£	4.15	£	-	£	4.15	E	£	4.15	£	-	£	4.15	£	-	£	-	£	-	0.00%	D	U	SEG	CGS	Gerard McCleave/ Michelle Savage
Heritage - Informal Education Sessions - Children	E	£	5.20	£	-	£	5.20	E	£	5.20	£	-	£	5.20	£	-	£	-	£	-	0.00%	D	U	SEG	CGS	Gerard McCleave/ Michelle Savage
Heritage - Informal Education Sessions - Toddlers	E	£	3.15	£	-	£	3.15	E	£	3.15	£	-	£	3.15	£	-	£	-	£	-	0.00%	D	U	SEG	CGS	Gerard McCleave/ Michelle Savage
Heritage - Topic Loan Boxes - per box	E	£	20.80	£	-	£	20.80	E	£	24.00	£	-	£	24.00	£	3.20	£	-	£	3.20	15.38%	D	I	SEG	CGS	Gerard McCleave/ Michelle Savage

Heritage - Annual Research and Readers Tickets, per person	S	£	8.75	£	1.75	£	10.50	S	£	8.33	£	1.67	£	10.00	£	0.42	£	0.08	-£	0.50	-4.76%	D	D	SEG	CGS	Gerard McCleave/ Michelle Savage
Safety of Sports Grounds Safety Certificate - Amendment of certificate	O	£	60.00	£	-	£	60.00	O	£	63.00	£	-	£	63.00	£	3.00	£	-	£	3.00	5.00%	S	I	PR	CGS	Tony Sprackling
Safety of Sports Grounds Safety Certificate - Application for issue of certificate	O	£	115.00	£	-	£	115.00	O	£	121.00	£	-	£	121.00	£	6.00	£	-	£	6.00	5.22%	S	I	PR	CGS	Tony Sprackling
Safety of Sports Grounds Safety Certificate - Replacement or transfer of certificate	O	£	55.00	£	-	£	55.00	O	£	58.00	£	-	£	58.00	£	3.00	£	-	£	3.00	5.45%	S	I	PR	CGS	Tony Sprackling
Public Protection - Provision of information concerning Health and Safety at work effective from 1st April 1999 - Factual Statement / Voluntary Disclosure (Postage Included)	S	£	77.50	£	15.50	£	93.00	S	£	81.67	£	16.33	£	98.00	£	4.17	£	0.83	£	5.00	5.38%	D	I	PR	CGS	Tony Sprackling
Public Protection - Provision of information concerning Health and Safety at work effective from 1st April 1999 - Photographs (Postage Included)	S	£	2.25	£	0.45	£	2.70	S	£	2.42	£	0.48	£	2.90	£	0.17	£	0.03	£	0.20	7.41%	D	I	PR	CGS	Tony Sprackling
Public Protection - Provision of information concerning Health and Safety at work effective from 1st April 1999 - Photocopying / copies of Public Registers	S	£	0.75	£	0.15	£	0.90	S	£	0.83	£	0.17	£	1.00	£	0.08	£	0.02	£	0.10	11.11%	D	I	PR	CGS	Tony Sprackling
The following Burial charges are applicable to residents of the Borough of Thurrock. Non Residents are required to pay double the Burial fees set out below, also included is the charge for non residents aged 5 and under.																						PR	CGS	Vincent Taylor		
Burial Grounds - Part 1 Interment - Exclusive right of Burial - In a full size grave-Lawn Section	E	£	882.00	£	-	£	882.00	E	£	930.00	£	-	£	930.00	£	48.00	£	-	£	48.00	5.44%	D	I	PR	CGS	Vincent Taylor
Burial Grounds - Part 1 Interment - Exclusive right of Burial - In a full size grave-Traditional grave where available	E	£	1,811.00	£	-	£	1,811.00	E	£	1,900.00	£	-	£	1,900.00	£	89.00	£	-	£	89.00	4.91%	D	I	PR	CGS	Vincent Taylor
Burial Grounds - Part 1 Interment - There is no burial fee or associated memorial permit fee payable for any resident of the Borough aged 5 and under	E	Free of Charge	£	-	Free of Charge	E	Free of Charge	£	-	Free of Charge	£	-	Free of Charge	£	-	£	-	£	-	0.00%	D	U	PR	CGS	Vincent Taylor	
Burial Grounds - Part 1 Interment - In a grave - Buried or cremated remains of a resident aged 5 years and under	E	Free of Charge	£	-	Free of Charge	E	Free of Charge	£	-	Free of Charge	£	-	Free of Charge	£	-	£	-	£	-	0.00%	D	U	PR	CGS	Vincent Taylor	
Burial Grounds - Part 1 Interment - In a grave - Buried or cremated remains of a resident aged 6 to under 16 years	E	Free of Charge	£	-	Free of Charge	E	Free of Charge	£	-	Free of Charge	£	-	Free of Charge	£	-	£	-	£	-	0.00%	D	U	PR	CGS	Vincent Taylor	
Burial Grounds - Part 1 Interment - In a grave - person aged 16 year and over	E	£	719.00	£	-	£	719.00	E	£	755.00	£	-	£	755.00	£	36.00	£	-	£	36.00	5.01%	D	I	PR	CGS	Vincent Taylor
Burial Grounds - Part 1 Interment - In a grave - Cremated remains in full size grave	E	£	362.00	£	-	£	362.00	E	£	381.00	£	-	£	381.00	£	19.00	£	-	£	19.00	5.25%	D	I	PR	CGS	Vincent Taylor
Burial Grounds - Part 2 Memorial Gardens Section - Additional interment of ashes and replacement plaque for further 7 years where original subscription has: Less than 4 years to run	E	£	252.00	£	-	£	252.00	E	£	264.00	£	-	£	264.00	£	12.00	£	-	£	12.00	4.76%	D	I	PR	CGS	Vincent Taylor
Burial Grounds - Part 2 Memorial Gardens Section - Additional interment of ashes and replacement plaque for further 7 years where original subscription has: More than 4 years to run	E	£	178.00	£	-	£	178.00	E	£	187.00	£	-	£	187.00	£	9.00	£	-	£	9.00	5.06%	D	I	PR	CGS	Vincent Taylor
Burial Grounds - Part 2 Memorial Gardens Section - Cremated Remains Section - Exclusive Right of Burial for a forty year period	E	£	372.00	£	-	£	372.00	E	£	390.00	£	-	£	390.00	£	18.00	£	-	£	18.00	4.84%	D	I	PR	CGS	Vincent Taylor
Burial Grounds - Part 2 Memorial Gardens Section - Cremated Remains Section - Interment of Ashes	E	£	362.00	£	-	£	362.00	E	£	381.00	£	-	£	381.00	£	19.00	£	-	£	19.00	5.25%	D	I	PR	CGS	Vincent Taylor
Burial Grounds - Part 2 Memorial Gardens Section - Erection of memorial plaque only for 7 years (no ashes to inter)	E	£	215.00	£	-	£	215.00	E	£	225.00	£	-	£	225.00	£	10.00	£	-	£	10.00	4.65%	D	I	PR	CGS	Vincent Taylor
Burial Grounds - Part 2 Memorial Gardens Section - Includes plaque for 7 years & loose interment of ashes	E	£	276.00	£	-	£	276.00	E	£	291.00	£	-	£	291.00	£	15.00	£	-	£	15.00	5.43%	D	I	PR	CGS	Vincent Taylor
Burial Grounds - Part 2 Memorial Gardens Section - Renewal of 7 year subscription - With existing plaque	E	£	141.00	£	-	£	141.00	E	£	148.00	£	-	£	148.00	£	7.00	£	-	£	7.00	4.96%	D	I	PR	CGS	Vincent Taylor
Burial Grounds - Part 2 Memorial Gardens Section - Renewal of 7 year subscription - With replacement plaque	E	£	215.00	£	-	£	215.00	E	£	225.00	£	-	£	225.00	£	10.00	£	-	£	10.00	4.65%	D	I	PR	CGS	Vincent Taylor
Burial Grounds - Part 2 - Kerb Plaque - replacement	E	£	83.00	£	-	£	83.00	E	£	87.00	£	-	£	87.00	£	4.00	£	-	£	4.00	4.82%	D	I	PR	CGS	Vincent Taylor
Burial Grounds - Part 3 Monuments, Gravestones, Tablets & Monumental Inscriptions - For the right to erect or place on a grave in respect of which an exclusive right of burial has not been granted: a tablet not exceeding 20" x 18" x 6" base	E	£	178.00	£	-	£	178.00	E	£	187.00	£	-	£	187.00	£	9.00	£	-	£	9.00	5.06%	D	I	PR	CGS	Vincent Taylor
Burial Grounds - Part 3 Monuments, Gravestones, Tablets & Monumental Inscriptions - The fees indicated for Part 3 include the first inscription, for each inscription after the first	E	£	89.00	£	-	£	89.00	E	£	93.00	£	-	£	93.00	£	4.00	£	-	£	4.00	4.49%	D	I	PR	CGS	Vincent Taylor

Burial Grounds - Part 3 Monuments, Gravestones, Tablets & Monumental Inscriptions - permit for Lawn Grave Memorial	E	£	205.00	£	-	£	205.00	E	£	216.00	£	-	£	216.00	£	11.00	£	-	£	11.00	5.37%	D	I	PR	CGS	Vincent Taylor
Burial Grounds - Part 3 Monuments, Gravestones, Tablets & Monumental Inscriptions - permit for Traditional Grave Memorial	E	£	251.00	£	-	£	251.00	E	£	264.00	£	-	£	264.00	£	13.00	£	-	£	13.00	5.18%	D	I	PR	CGS	Vincent Taylor
Burial Grounds - Part 3 Other Burial Fees - permit to Work on a Headstone	E	£	85.00	£	-	£	85.00	E	£	89.00	£	-	£	89.00	£	4.00	£	-	£	4.00	4.71%	D	I	PR	CGS	Vincent Taylor
Burial Grounds - Part 5 Other Burial Fees - Additional Plaque	S	£	163.33	£	32.67	£	196.00	S	£	171.67	£	34.33	£	206.00	£	8.34	£	1.67	£	10.00	5.10%	D	I	PR	CGS	Vincent Taylor
Burial Grounds - Part 5 Other Burial Fees - Memorial bench	S	£	1,564.17	£	312.83	£	1,877.00	S	£	1,641.67	£	328.33	£	1,970.00	£	77.50	£	15.50	£	93.00	4.95%	D	I	PR	CGS	Vincent Taylor
Burial Grounds - Part 5 Other Burial Fees - Memorial tree (New trees no longer available) Interment of second set of ashes for existing memorial trees only	E	£	362.00	£	-	£	362.00	E	£	381.00	£	-	£	381.00	£	19.00	£	-	£	19.00	5.25%	D	I	PR	CGS	Vincent Taylor
Burial Grounds - Part 4 Other Burial Fees - Transfer of grant of exclusive right of burial fee for registering the transfer and endorsing the deed	E	£	85.00	£	-	£	85.00	E	£	89.00	£	-	£	89.00	£	4.00	£	-	£	4.00	4.71%	D	I	PR	CGS	Vincent Taylor
Burial Grounds - Part 4 Other Burial Fees - Transfer of grant of exclusive burial where a Statutory Declaration is required	E	£	114.00	£	-	£	114.00	E	£	120.00	£	-	£	120.00	£	6.00	£	-	£	6.00	5.26%	D	I	PR	CGS	Vincent Taylor
Burial Grounds - Part 4 Other Burial Fees - Search Fees for Historical records	E	£	27.00	£	-	£	27.00	E	£	28.50	£	-	£	28.50	£	1.50	£	-	£	1.50	5.56%	D	I	PR	CGS	Vincent Taylor
Burial Grounds - Part 1 Interment - Exclusive right of Burial - In a full size grave-Muslim grave where available	E	£	1,811.00	£	-	£	1,811.00	E	£	1,900.00	£	-	£	1,900.00	£	89.00	£	-	£	89.00	4.91%	D	I	PR	CGS	Vincent Taylor
Burial Grounds - Memorial Trees on open spaces - Cost of tree including plaque with no lease period								E	£	1,500.00	£	-	£	1,500.00	£	1,500.00	£	-	£	1,500.00	0.00%	D	N	PR	CGS	Vincent Taylor
Burial Grounds - Sanctum Vaults - 5 year dedication								E	£	500.00	£	-	£	500.00	£	500.00	£	-	£	500.00	0.00%	D	N	PR	CGS	Vincent Taylor
Burial Grounds - Sanctum Vaults - 10 year dedication								E	£	900.00	£	-	£	900.00	£	900.00	£	-	£	900.00	0.00%	D	N	PR	CGS	Vincent Taylor
Burial Grounds - Sanctum Vaults - 20 year dedication								E	£	1,700.00	£	-	£	1,700.00	£	1,700.00	£	-	£	1,700.00	0.00%	D	N	PR	CGS	Vincent Taylor
Burial Grounds - Sanctum Vaults - Tablet with up to 80 letter inscription								E	£	400.00	£	-	£	400.00	£	400.00	£	-	£	400.00	0.00%	D	N	PR	CGS	Vincent Taylor
Burial Grounds - Sanctum Vaults - Photo Plaques								E	£	100.00	£	-	£	100.00	£	100.00	£	-	£	100.00	0.00%	D	N	PR	CGS	Vincent Taylor
Burial Grounds - Nepalese Memorial - Interment of ashes including plaque displayed for 7 years								E	£	276.00	£	-	£	276.00	£	276.00	£	-	£	276.00	0.00%	D	N	PR	CGS	Vincent Taylor
Additional grass cuts for self-managed pitches	E	£	40.00	£	-	£	40.00	E	£	42.00	£	-	£	42.00	£	2.00	£	-	£	2.00	5.00%	D	I	PR	CGS	Vincent Taylor

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Name of Fee or Charge	2022/23 - Charges				2023/24 - Charges				Changes from 2022/23				Detail				
	VAT	Net Charge	VAT Amount	Total Charge	VAT	Net Charge	VAT Amount	Total Charge	Net Change	VAT Amount	Total (£)	Total (%)	S/D	Status	Direct.	O&S	Owner
Residents Services - Registration - Hawthorne Suite - Thameside (Monday to Friday)	O	£ 225.00	£ -	£ 225.00	O	REMOVED	£ -	REMOVED	£ -	£ -	£ -	0.00%	D	R	SEG	CGS	Lynn Whipps/ Jenny Osborne
Residents Services - Registration - Hawthorne Suite - Thameside (Saturday PM)	O	£ 360.00	£ -	£ 360.00	O	REMOVED	£ -	REMOVED	£ -	£ -	£ -	0.00%	D	R	SEG	CGS	Lynn Whipps/ Jenny Osborne
Residents Services - Registration - Hawthorne Suite - Thameside (Saturday AM)	O	£ 290.00	£ -	£ 290.00	O	REMOVED	£ -	REMOVED	£ -	£ -	£ -	0.00%	D	R	SEG	CGS	Lynn Whipps/ Jenny Osborne
Registration - Fees for Superintendent Registrar attendance at approved premises for Marriage/Civil Partnership - for all ceremonies in The Lacey Marriage Room	O	£ 190.00	£ -	£ 190.00	O	REMOVED	£ -	REMOVED	£ -	£ -	£ -	0.00%	D	R	SEG	CGS	Lynn Whipps/ Jenny Osborne
Public Protection - Other Environmental Protection Charges - High Hedges Fixed Charge for owners on Benefits	O	£ 255.00	£ -	£ 255.00	O	REMOVED	£ -	REMOVED	£ -	£ -	£ -	0.00%	D	R	PR	CGS	Peter Reynolds
Enforcement Fees - Dog Fouling - no discount for early repayment	E	£ 150.00	£ -	£ 150.00	E	REMOVED	£ -	REMOVED	£ -	£ -	£ -	0.00%	S	R	PR	CGS	Phil Carver/ Lisa Preston
Cultural Services - Thameside Theatre and Central Complex - Room Hire - Thameside Two (40sqm) Monday to Saturday. Only available Sunday if Theatre in use.	E	£ 21.50	£ -	£ 21.50	E	REMOVED	£ -	REMOVED	£ -	£ -	£ -	0.00%	D	R	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Printing of tickets for external venues up to 500 tickets where we are not acting as box office.	S	£ 42.92	£ 8.58	£ 51.50	S	REMOVED	£ -	REMOVED	£ -	£ -	£ -	0.00%	D	R	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Additional batches of up to 500 tickets for external venues where we are not acting as box office.	S	£ 21.25	£ 4.25	£ 25.50	S	REMOVED	£ -	REMOVED	£ -	£ -	£ -	0.00%	D	R	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Printing of tickets for theatre events where hirer wishes to be their own box office. For up to 315 tickets.	S	£ 21.25	£ 4.25	£ 25.50	S	REMOVED	£ -	REMOVED	£ -	£ -	£ -	0.00%	D	R	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Additional batches of up to 315 tickets for theatre events where we are not acting as box office.	S	£ 10.67	£ 2.13	£ 12.80	S	REMOVED	£ -	REMOVED	£ -	£ -	£ -	0.00%	D	R	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Bubble Machine	S	£ 24.58	£ 4.92	£ 29.50	S	REMOVED	£ -	REMOVED	£ -	£ -	£ -	0.00%	D	R	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Follow Spot	S	£ 24.58	£ 4.92	£ 29.50	S	REMOVED	£ -	REMOVED	£ -	£ -	£ -	0.00%	D	R	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Haze	S	£ 24.58	£ 4.92	£ 29.50	S	REMOVED	£ -	REMOVED	£ -	£ -	£ -	0.00%	D	R	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Yamaha 503 Digital Piano	S	£ 24.58	£ 4.92	£ 29.50	S	REMOVED	£ -	REMOVED	£ -	£ -	£ -	0.00%	D	R	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Portable Video Projector	S	£ 24.58	£ 4.92	£ 29.50	S	REMOVED	£ -	REMOVED	£ -	£ -	£ -	0.00%	D	R	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Cold Spark Machine	S	£ 24.58	£ 4.92	£ 29.50	S	REMOVED	£ -	REMOVED	£ -	£ -	£ -	0.00%	D	R	SEG	CGS	Gerard McCleave

Cultural Services - Thameside Theatre and Central Complex - Smoke Machines	S	£	24.58	£	4.92	£	29.50	S	REMOVED	£	-	REMOVED	£	-	£	-	£	-	0.00%	D	R	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Snow Machines	S	£	24.58	£	4.92	£	29.50	S	REMOVED	£	-	REMOVED	£	-	£	-	£	-	0.00%	D	R	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Star Cloth	S	£	24.58	£	4.92	£	29.50	S	REMOVED	£	-	REMOVED	£	-	£	-	£	-	0.00%	D	R	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - UV Lighting	S	£	24.58	£	4.92	£	29.50	S	REMOVED	£	-	REMOVED	£	-	£	-	£	-	0.00%	D	R	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Flame Machine	S	£	56.25	£	11.25	£	67.50	S	REMOVED	£	-	REMOVED	£	-	£	-	£	-	0.00%	D	R	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - Enlarged Orchestra Pit	S	£	56.25	£	11.25	£	67.50	S	REMOVED	£	-	REMOVED	£	-	£	-	£	-	0.00%	D	R	SEG	CGS	Gerard McCleave
Cultural Services - Thameside Theatre and Central Complex - PA in Foyer	S	£	56.25	£	11.25	£	67.50	S	REMOVED	£	-	REMOVED	£	-	£	-	£	-	0.00%	D	R	SEG	CGS	Gerard McCleave

8th November 2022	ITEM: 7
Cleaner, Greener and Safer Overview and Scrutiny	
Annual Status Report on Air Quality in Thurrock	
Wards and communities affected: All	Key Decision: Non-key
Report of: Peter Bond - Air Quality Officer	
Accountable Assistant Director: Leigh Nicholson – Assistant Director, Planning, Transport & Public Protection	
Accountable Director: Julie Rogers – Director, Public Realm	
This report is Public	

Executive Summary

As part of the Council’s obligations under Part IV of the Environment Act (2021), Members are presented with a Status Report on Air Quality (ASR) – Appendix A.1. This document provides analysis of, and commentary on, the Council’s air quality monitoring data for the 2021 calendar year as well as updates from the relevant internal departments on progress made against the Air Quality Action Plan (AQAP) over the same period.

The data shows that concentrations of nitrogen dioxide across the borough are below or well below the Air Quality Strategy (AQS) objectives for this pollutant at all but one monitoring station on London Road, Purfleet. The Purfleet station has consistently exceeded the AQS objective for annual mean nitrogen dioxide concentration, although a steady downward trend is visible in the long-term trend analysis. All other monitoring sites are at least 10% below the AQS objectives for this pollutant. All AQS objective are included in Appendix A.3. The five year “long-term” graphs presented in the ASR all show a slow but largely consistent downward trend in nitrogen dioxide concentrations.

Particulate matter (PM₁₀) concentrations across the five-year period peaked in 2019 but, aided by the pandemic, have reduced since then. No exceedances of the AQS objectives for this pollutant were registered in 2021. Particulate matter (PM_{2.5}) concentrations have been stable across the five-year period with no exceedance of the AQS target for this pollutant.

Air quality within the Council’s 18 Air Quality Management Areas (AQMAs) has been compliant in all but AQMA 10 which encompasses Jarrah Cottages on London Road, Purfleet. Since declaration, the average reduction in nitrogen dioxide concentration within Thurrock’s AQMAs has been 49.3%. AQMAs 15 and 16, both declared for

individual properties along the east side of the M25, have seen nitrogen dioxide concentrations less than half of the AQS objective for which they were declared. Air quality at these AQMA's has been consistently observed to be >10% below the AQS objective with a steady downward trend over at least the previous five years. Consequently, this report finds that these two AQMA's must be revoked in accordance with Defra's Local Air Quality Management Framework. A map of AQMA's can be found in Appendix A.2.

The findings of this year's ASR have been accepted by Defra and it is recommended that the Committee note these findings.

1. Recommendation(s)

1.1 That the report be noted.

2. Introduction and Background

2.1 The ASR has been included on the agenda because it is a statutory requirement under Part IV of the Environment Act (2021).

2.2 According to this legislation the Local Authority (LA) must declare an AQMA at locations with observed or expected exceedances of one or more AQS objectives. Subsequently the LA must create an Air Quality Action Plan (AQAP) to bring air quality within the declared AQMA into compliance with the AQS objectives. An ASR must be submitted to Defra each year until the AQMA is revoked. This would be considered by the secretary of state in the case of continued compliance at a level of 10% below the AQS objective for which the AQMA was declared for at least three years, excluding outlier years such as 2020.

2.3 [Previous ASRs are available via the Council's website.](#)

3. Issues, Options and Analysis of Options

3.1 The Annual Status Report (ASR) on Air Quality is a statutory report which analyses and summarises air quality data from the Council's air quality monitoring network during the last calendar year. The report also discusses the actions taken by the Council to improve air quality in its designated Air Quality Management Areas (AQMA's) during the same period.

3.2 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 a strong correlation with equalities issues because areas with poor air quality are disproportionately less affluent.

3.3 The main air pollutants of concern in Thurrock are nitrogen dioxide (NO₂) and particulate matter (PM₁₀ & PM_{2.5}); both pollutants arise predominantly from

road traffic emissions. Thurrock only has AQMAs which are declared for road traffic-based emissions; there are no industrial based AQMAs in the borough. The AQMAs are all declared for exceedance of the long-term objective for NO₂ (40 micrograms per cubic meter – henceforth: µg/m³). Out of the 18 AQMAs there are currently four that are also declared for exceedance of the short-term objective (aka. 24-hour mean objective) for PM₁₀ which is 35 permitted exceedances of >50 µg/m³ in a given year.

- 3.4 Many of the roads around which Thurrock's AQMAs are declared are major commuter routes or used for logistical purposes. There is often a large amount of traffic during peak hours and in many of these areas there is relevant public exposure, principally in the form of residential dwellings which are in relatively close proximity to these roads. A full list of the AQMAs can be found in Table 2.1 of the ASR or on the Defra UK Air website.
- 3.5 Thurrock Council operates an extensive network of 69 diffusion tube monitors, monitoring nitrogen dioxide (NO₂) concentrations on a monthly basis. Additionally, we have four automatic monitoring stations which generate near-real-time, continuous data on a variety of different pollutants. All four monitor NO₂ concentrations. TK1 in Grays, TK3 in Stanford-le-Hope and TK8 in Purfleet also monitor PM₁₀. TK3 and TK9 in Tilbury monitor for PM_{2.5}. TK1 also monitors for ozone (O₃) and sulphur dioxide (SO₂).
- 3.6 During 2021, monitoring station TK8, located within AQMA 10, gave the borough's only exceedance of the Air Quality Strategy (AQS) objective for NO₂ with a reading of 41.9 µg/m³. No other monitoring sites were within 10% of the AQS Objective.
- 3.7 Overall, NO₂ concentrations dropped between 2020 and 2021. Across the NO₂ monitoring network, concentrations reduced by 3.2 µg/m³. However, three sites (LRSS on London Road in South Stifford, PIH at the Premier Inn West Thurrock and WCF on Watts Crescent in Purfleet) all showed increases, with PIH showing an increase of 7.8 µg/m³. This is likely a result of traffic returning in the latter stages of the COVID-19 pandemic.
- 3.8 There was an average reduction in annual mean NO₂ concentrations of 3.6µg/m³ recorded at the monitoring sites located within AQMAs when comparing annual mean concentrations between 2020 and 2021. This reduction has occurred despite the fact that traffic began to return to the borough's roads in 2021 as a result of the lessening of COVID-19 restrictions.
- 3.9 In relation to the 1-hour AQS objective, there were no exceedances reported in 2021. Additionally, all diffusion tube sites in 2021 were below 60µg/m³, which indicates that none were likely to exceed the 1-hour mean objective.
- 3.10 2021 monitoring data confirms that there are currently no areas breaching the annual mean air quality objective for PM₁₀. There were some exceedances of the 24-hour mean objective during 2021 at all three automatic sites, however these remained well below the number of permitted exceedances per year.

The maximum number of exceedances of the PM₁₀ 24-hour mean objective was at Thurrock 8 in 2021 with a total of 6 exceedances out of the permitted 35 per year.

- 3.11 All monitored concentrations of PM_{2.5} over the past five years have reported below the PM_{2.5} AQS target of 25µg/m³.
- 3.12 The findings presented above show that air quality has improved by an average of 49.3% in Thurrock's AQMA since their declaration. Over the past five years, nitrogen dioxide levels have steadily decreased. PM levels have remained largely stable with no exceedances of the AQS objectives or targets. This is likely to have led to significant benefits in health outcomes and quality of life for those who live and work in Thurrock.
- 3.13 The ASR finds that AQMAs 15 and 16 must be revoked in accordance with the framework laid out in Part IV of the Environment Act (2021). This recommendation has been welcomed by Defra in their feedback on the ASR and should it be taken forwards, the next steps would be to issue a revocation order to Defra and other statutory consultees listed in the Act. Following approval by Defra, the AQMAs must be revoked within four months.

4. Reasons for Recommendation

- 4.1 To ensure that the Committee is fully informed on progress towards the Council's statutory obligations on air quality management.

5. Consultation (including Overview and Scrutiny, if applicable)

- 5.1 Not applicable. No consultation was required for this report.

6. Impact on corporate policies, priorities, performance and community impact

- 6.1 None. The ASR is a regular update report. Due to the nature of the recommendation of this report, this section is deemed not applicable.

7. Implications

7.1 Financial

Implications verified by: **Laura Last**
Senior Management Accountant

There are no direct finance implications arising from the report.

7.2 Legal

Implications verified by: **Gina Clarke**

Corporate Governance Lawyer & Deputy Monitoring Officer

Part 4 of the Environment Act 2021 strengthens the local air quality management framework (LAQM). Schedule 11 contains amendments to Part 4 of the [Environment Act 1995](#) (air quality) and Schedule 12 includes amendments to the [Clean Air Act 1993](#) for local authorities to impose financial penalties in smoke control areas.

Part 4 and Schedules 11 and 12 include:

- Stronger requirements for local authorities under the Local Air Quality Management (LAQM) framework, including requirements for action plans where local air is in breach of air quality objectives
- New powers for local authorities to impose civil penalty notices for the emission of smoke in smoke control areas. The provisions remove the current statutory defences and make enforcement easier. The provisions also remove the exemption in the Environmental Protection Act 1990 so that smoke emitted from a private dwelling in a smoke control area can be enforced as a statutory nuisance.”

7.3 Diversity and Equality

Implications verified by: **Rebecca Lee**
Team Manager – Community Development and Equalities - Adults, Housing & Health Directorate

Section 3.2 sets out the negative health impacts from air pollution that can increase potential underlying inequalities for vulnerable groups including those with existing health conditions, children and older members of the community. The Thurrock Air Quality and Health Strategy (2016) sets out the council’s overarching objectives for air quality and contains policies and actions that the council will take to improve air quality. 2021 monitoring confirms that there is only one area in Thurrock that is breaching the annual mean air quality objective for nitrogen dioxide. There are a wide range of opportunities for individuals to add support in managing down pollution and these are set out in further detail in Appendix 1.

7.4 Other implications (where significant) – i.e. Staff, Health Inequalities, Sustainability, Crime and Disorder, and Impact on Looked After Children

None

8. Background papers used in preparing the report (including their location on the Council’s website or identification whether any are exempt or protected by copyright):

- NA

9. Appendices to the report

- [A.1 2022 Annual Status Report on Air Quality](#)
- [A.2 Map of Thurrock AQMAs](#)
- [A.3 Air Quality Strategy](#)

Report Author:

Peter Bond
Air Quality Officer
Public Protection

2022 Air Quality Annual Status Report (ASR)

In fulfilment of Part IV of the Environment Act 2021
Local Air Quality Management

Publication date: August, 2022

Information	Thurrock Council Details
Local Authority Officer	Peter Bond
Department	Environmental Protection Team
Address	Thurrock Council , Civic Offices, New Road, Grays, Essex RM17 6SL
Telephone	01375 652 096
E-mail	general.enquiries@thurrock.gov.uk
Report Reference Number	ASR 2021
Date	August 2022

Executive Summary: Air Quality in Our Area

Air Quality in Thurrock

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.

Thurrock currently has 18 Air Quality Management Areas (AQMA); these are a result of traffic related pollution along busy roads. Many of these roads are the main commuter routes or used for logistical purposes. There is often a large amount of traffic during peak hours and in many of these areas there is relevant public exposure, predominantly in the form of residential dwellings which are in relatively close proximity to these roads. A full list of the AQMAs can be found in Table 2.1 of this report or on the Defra UK Air website via [this web-link](#).

The main pollutants of concern in Thurrock are nitrogen dioxide (NO₂) and particulate matter (PM₁₀ & PM_{2.5}); both of these pollutants arise from road traffic emissions. Thurrock only has AQMAs which are declared for road traffic-based emissions, there are no industrial based AQMAs. The AQMAs are all declared for exceedance of the long-term objective for NO₂ (40 µg/m³). Out of the 18 AQMAs there are currently four that are also declared for PM₁₀, for the short-term objective or 24-hour mean objective of 35 permitted exceedances of >50 µg/m³.

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

The 2016 Air Quality Action Plans (AQAP) along with an Air Quality & Health Strategy Document (AQHSD) have been devised to provide an approach for the council to manage air quality within its 18 AQMAs, ensure compliance with established regulatory thresholds and also prevent new AQMA's arising in the future. The document can be viewed via the Thurrock Council Website links:

- [Thurrock Air Quality](#)
- [Thurrock Air Quality and Health Strategy, including AQAP that covers all declared AQMAs](#)

The Council works in collaboration with the Environment Agency (EA) on air quality issues from industrial activities within the borough, consulting as necessary on industrial activities, specifically permitting variations/applications which the EA are responsible for under the Integrated Pollution Prevention & Control Directive (IPPC). The Council also carries out its statutory duties under Local Authority integrated Pollution & Prevention Control Regime (LA-IPPC).

In 2016 the council undertook a detailed modelling assessment to re-determine the extent of NO₂ & PM₁₀ exceedances over most of the borough and including all 18 AQMA's. The report found that 8 AQMA's should be revoked for NO₂ and all four for PM₁₀ should also be revoked. However, the report was not accepted by Defra as the assessment had not followed the procedures outlined the Defra Local Air Quality Management (LAQM) Technical Guidance (TG16). Following this assessment, the Council set up 12 additional monitoring locations from 2017 using NO₂ diffusion tubes within these locations. The Council planned to monitor at these locations for at least three years and make a determination in 2020 as to whether these AQMAs can be revoked for NO₂ on the basis of the monitoring results. It should be highlighted that owing to the Covid-19 pandemic, the 2020 results are not to be used alone in determining AQMA revocations, therefore the monitoring at the new locations is ongoing.

Thurrock Council joined the AirTEXT service in 2018 which is provided by Cambridge Environmental Research Consultants (CERC). This service allows members of the public to see air pollution forecasting based on detailed dispersion modelling for the area in which they live. They can also sign up to AirTEXT pollution alerts and receive voice, email or text messages when air pollution is forecast to be moderate or higher. This service is aimed to provide people who suffer with respiratory illnesses, as well as those which suffer with heart problems, detailed information about air quality on a given day, and alert them when not to go outside. Further information can be found on the [Air Text website](#) and the [CERC website](#).

Overall, NO₂ concentrations dropped significantly between 2019 and 2020, with all passive monitoring sites reporting a decrease in annual mean NO₂ concentration and an average reduction of 7.2 µg/m³ across the passive monitoring network. The comparison between 2020 and 2021 is similar. Across the passive NO₂ monitoring network, concentrations reduced by 3.5 µg/m³. However, three sites (LRSS, PIH and WCF) all showed increases, with PIH showing an increase of 7.8 µg/m³. This is likely a result of traffic returning in the latter stages of the COVID-19 pandemic.

PM₁₀ concentrations have reduced slightly between 2019 and 2021 with an average reduction of 8%, although monitoring site “Thurrock 1” saw a reduction of 16.5% during that period. Concentrations have reported below the AQS Objective over the past 5 years.

Thurrock Borough Council currently monitor PM_{2.5} at two locations: Thurrock 3, in Stanford-le-Hope; and Thurrock 9, in Tilbury. 2021 is the first year of monitoring PM_{2.5} at this site and the concentration is compliant with the AQS Target of 25µg/m³ for this pollutant. When comparing 5-year trends at Thurrock 3, levels have remained largely the same between 2017 and 2021.

There is currently one location monitoring SO₂ within the borough located at Thurrock 1, Grays. SO₂ concentrations were well below the air quality objectives in 2020 and 2021, with no exceedances reported in either year.

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 a number of mechanisms; this is extremely important given that the majority of Air Quality Management

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

Areas (AQMA) are designated due to elevated concentrations heavily influenced by transport emissions.

In 2016, the council, in consultation with stakeholders, produced a strategy that frames its approach to tackling poor air quality and reducing exposure to safe levels across the borough. The [Thurrock Air Quality and Health Strategy \(2016\)](#) sets out the council's overarching objectives for air quality and contains policies and actions that the council will take to improve air quality.

The actions contained in the Air Quality and Health Strategy consist of borough-wide actions and specific actions to improve air quality in prioritised AQMA in the borough. The creation of the Congestion Task Force (CTF), which brings together stakeholders with a major stake in the strategic road network, such as Highways England, Kent County Council, Essex County Council and Thurrock Council and the Police, in collaboration to formulate and implement actions to better manage the road network following incidents at Dartford Crossing. This engagement is on-going and seeking to eliminate other pinch-points which contribute to poor air quality, such as devolving powers to enforce yellow box junctions at Junctions of the M25, which cause significant congestion. Additional measures to be implemented by the Council include investment in new technologies to help dynamically tackle congestion, limiting the impact of traffic on air quality. The Council aims to re-evaluate its Air Quality and Health Strategy to take into consideration new opportunities and develop additional and improved policies and actions. This was planned to be developed over the 2019/20 and 20/21 financial years, however delays associated with Covid-19 have re-directed resources and this will continue to be looked into over 2022/23.

Conclusions and Priorities

During 2020, NO₂ concentrations were monitored across the borough by a network of 67 diffusion tube sites (including one duplicate and one triplicate site) and three automatic monitoring sites. There was one reported exceedance of the AQS Objectives in 2020, at the automatic monitoring site TK8, within AQMA 10 in Purfleet. There were six passive sites that were within 10% of the AQS Objectives, of which five were within declared AQMA and site LT is not located at relevant exposure.

During 2021, NO₂ concentrations were monitored by a network of 66 diffusion tubes sites and four automatic monitoring stations. The monitoring station within AQMA 10, in

Purfleet, gave the borough's only exceedance of the AQS Objective for NO₂. There were no monitoring sites within 10% of the AQS Objective.

There was an average reduction in annual mean NO₂ concentrations of 3.5µg/m³ recorded at the monitoring sites located within AQMA's when comparing annual mean concentrations at passive monitoring locations between 2020 and 2021. This reduction has occurred despite the fact that traffic has begun to return to the borough's roads in 2021 as a result of the lessening of COVID-19 restrictions.

In relation to the 1-hour AQS Objective, there were no exceedances reported in 2020 or 2021. Additionally, all diffusion tube sites in 2020 and 2021 were below 60µg/m³, which indicates that an exceedance of the 1-hour mean objective is unlikely at these sites.

Both 2020 and 2021 monitoring confirms that there are currently no areas breaching the annual mean air quality objectives for PM₁₀. There were some exceedances of the 24-hour mean concentrations across 2020 and 2021 at all three automatic sites, however these remained below the number of permitted exceedances per year. The maximum number of exceedances of the PM₁₀ 24-hour mean objective was jointly at Thurrock 1 and 8 in 2020 (9 exceedances out of the permitted 35 exceedances per year) and at Thurrock 8 in 2021 (6 exceedances out of the permitted 35 exceedances per year).

Thurrock Council currently has two automatic monitoring stations (Thurrock 3; Stanford Le-Hope and Thurrock 9; Tilbury), that monitor PM_{2.5}. All concentrations over the past five years have reported below the PM_{2.5} obligatory standard of 25µg/m³.

When considering the current AQMA declarations, the following AQMA's (both declared for exceedance of the annual mean objective for NO₂) have been showing an overall downward trend and reported consistently below 10% of the annual mean AQS Objective for NO₂ for the past five years:

- AQMA 15
- AQMA 16

Both of these AQMA's are declared in relation to individual properties. It is worth highlighting that AQMA 15 is not accessible to the public, therefore the monitoring site is located at the nearest relevant location, considering the same distance from the pollutant source. Thurrock Borough Council therefore propose that the above AQMA's are revoked based on monitoring data showing consistent compliance with the AQS annual mean objective for NO₂, this is regardless of the further declines in concentrations seen in 2020 which are likely to have been impacted by the Covid-19 pandemic.

Thurrock Borough Council are also aiming to conduct a detailed assessment relating to the status of all declared AQMAs across the borough, particularly with regard to the AQMAs that do not currently have monitoring sites associated with them. At the time of writing, the tendering process for this work has begun with an expected completion date in Autumn 2023.

Local Engagement and How to get Involved

The public can assist in air pollution matters by continuing to address concerns when they think there is an air quality issue in the borough by reporting it via the [Thurrock Council website](https://www.thurrock.gov.uk/report)<https://www.thurrock.gov.uk/report> or by contacting our contact centre Tel: 01375 652955. The Environmental Health Team will continue to assist and address any such concerns as necessary.

The public can keep informed on local air quality matters by accessing a wealth of information on the [Council's air quality webpage](#).

They can find out what air quality is in their region from the [London Air Quality Network \(LAQN\)](#) or from the [EssexAir website](#):

The Public can also keep informed on the latest air quality forecasting from the Defra [UK-AIR website](#).

The public can now access the latest forecasting information for air quality which uses detailed dispersion modelling to predict air quality in near real-time using the newly subscribed [AirTEXT service](#) for Thurrock.

The public can also [subscribe](#) free to an AirTEXT alert service using a free mobile app.

Local Responsibilities and Commitment

This ASR was prepared by the Air Quality Officer of Thurrock Council with the support and agreement of the following officers and departments:

Gavin Dennett, Strategic Lead of Public Protection

Peter Reynolds, Environmental Protection and Digital Evidence Manager

Mat Kiely, Strategic Lead of Transportation Services

This ASR has been approved by:

Gavin Dennett, Strategic Lead of Public Protection

A handwritten signature in black ink, appearing to read 'Gavin Dennett', with a long horizontal stroke extending to the right.

If you have any comments on this ASR, please send them to Peter Bond, Air Quality Officer, at:

Peter.bond@thurrock.gov.uk

Table of Contents

Executive Summary: Air Quality in Our Area	i
Air Quality in Thurrock	i
Actions to Improve Air Quality	iii
Conclusions and Priorities	iv
Local Engagement and How to get Involved.....	vi
Local Responsibilities and Commitment	vi
1.....Local Air Quality Management	1
2..... Actions to Improve Air Quality	2
2.1..... Air Quality Management Areas	2
2.2..... PM2.5 – Local Authority Approach to Reducing Emissions and/or Concentrations	16
3.....Air Quality Monitoring Data and Comparison with Air Quality Objectives and National Compliance	18
3.1..... Summary of Monitoring Undertaken	18
3.1.1..... Automatic Monitoring Sites	18
3.1.2..... Non-Automatic Monitoring Sites	18
3.2..... Individual Pollutants	19
3.2.1..... Nitrogen Dioxide (NO ₂)	19
3.2.2..... Particulate Matter (PM ₁₀)	20
3.2.3..... Particulate Matter (PM _{2.5})	21
3.2.4..... Sulphur Dioxide (SO ₂)	21
Appendix A: Monitoring Results	23
Appendix B: Full Monthly Diffusion Tube Results for 2020 and 2021	50
Appendix C: Supporting Technical Information / Air Quality Monitoring Data QA/QC	56
New or Changed Sources Identified Within Thurrock Borough Council During 2021	56
Additional Air Quality Works Undertaken by Thurrock Borough Council During 2021	56
QA/QC of Diffusion Tube Monitoring	56
Diffusion Tube Annualisation.....	57
Diffusion Tube Bias Adjustment Factors	57
NO ₂ Fall-off with Distance from the Road	58

QA/QC of Automatic Monitoring	58
PM10 and PM2.5 Monitoring Adjustment	58
Automatic Monitoring Annualisation	59
NO2 Fall-off with Distance from the Road	59
Appendix D: Maps of Monitoring Locations and AQMAs.....	64
Appendix E: Summary of Air Quality Objectives in England.....	69
Glossary of Terms	70
References	71

Figures

Figure A.1 – Trends in Annual Mean NO ₂ Concentrations – Automatic Monitoring Sites ..	35
Figure A. 2 – Trends in Annual Mean NO ₂ Concentrations – Passive Monitoring Sites in AQMA 1, 2, 3 and 5	36
Figure A. 3 - Trends in Annual Mean NO ₂ Concentrations – Passive Monitoring Sites in AQMA 7, 8, 9 and 10	37
Figure A. 4 - Trends in Annual Mean NO ₂ Concentrations – Passive Monitoring Sites in AQMA 12, 13, 15 and 16	38
Figure A. 5 - Trends in Annual Mean NO ₂ Concentrations – Passive Monitoring Sites in AQMA 23, 24, 25 and 26	39
Figure A. 6 - Trends in Annual Mean NO ₂ Concentrations – Passive Monitoring Sites outside AQMAs.....	40
Figure A.7 – Trends in Number of NO ₂ 1-Hour Means > 200µg/m ³	42
Figure A.8 – Trends in Annual Mean PM ₁₀ Concentrations	44
Figure A.9 – Trends in Number of 24-Hour Mean PM ₁₀ Results > 50µg/m ³	46
Figure A.10 – Trends in Annual Mean PM _{2.5} Concentrations	48
Figure D.1 – Map of Monitoring Sites in West Thurrock, AQMAs 7, 8, 9, 10, 12, 13, 23 and 25.....	64
Figure D.2 - Map of Monitoring Sites in North Thurrock, AQMAs 15 and 16.....	65
Figure D. 3 - Map of Monitoring Sites in Central Thurrock, AQMAs 1, 2, 3, 4, 5 and 23	66
Tables	
Table 2.1 – Declared Air Quality Management Areas	3
Table 2.2 – Progress on Measures to Improve Air Quality.....	11

Table A.1 – Details of Automatic Monitoring Sites	23
Table A.2 – Details of Non-Automatic Monitoring Sites	24
Table A.3 – Annual Mean NO ₂ Monitoring Results: Automatic Monitoring (µg/m ³)	30
Table A.4 – Annual Mean NO ₂ Monitoring Results: Non-Automatic Monitoring (µg/m ³)	31
Table A.5 – 1-Hour Mean NO ₂ Monitoring Results, Number of 1-Hour Means > 200µg/m ³	41
Table A.6 – Annual Mean PM ₁₀ Monitoring Results (µg/m ³)	43
Table A.7 – 24-Hour Mean PM ₁₀ Monitoring Results, Number of PM ₁₀ 24-Hour Means > 50µg/m ³	45
Table A.8 – Annual Mean PM _{2.5} Monitoring Results (µg/m ³)	47
Table A.9 – SO ₂ 2020 Monitoring Results, Number of Relevant Instances	49
Table A.10 - SO ₂ 2021 Monitoring Results, Number of Relevant Instances	49
Table B.1 – NO ₂ 2020 Diffusion Tube Results (µg/m ³)	50
Table B.2 – NO ₂ 2021 Diffusion Tube Results (µg/m ³)	53
Table C.1 – Bias Adjustment Factor	57
Table C.2 – Annualisation Summary (concentrations presented in µg/m ³) – 2020	60
Table C.3 – Annualisation Summary (concentrations presented in µg/m ³) - 2021	60
Table C.4 – Local Bias Adjustment Calculation - 2020	61
Table C.5 - Local Bias Adjustment Calculation - 2021	61
Table C.6 – NO ₂ Fall off With Distance Calculations (concentrations presented in µg/m ³) for passive monitoring in 2020	63
Table C.7 - NO ₂ Fall off With Distance Calculations (concentrations presented in µg/m ³) for passive monitoring in 2021	63
Table E.1 – Air Quality Objectives in England	69

1 Local Air Quality Management

This report provides an overview of air quality in Thurrock Borough Council during the 2021 calendar year. It fulfils the requirements of Local Air Quality Management (LAQM) as set out in Part IV of the Environment Act (2021) and the relevant Policy and Technical Guidance documents.

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

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

2 Actions to Improve Air Quality

2.1 Air Quality Management Areas

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

A summary of AQMAs declared by Thurrock Borough Council can be found in Table 2.1. The table presents a description of the 18 AQMAs that are currently designated within Thurrock Borough Council. Appendix D: Maps of Monitoring Locations and AQMAs provides maps of AQMAs and the air quality monitoring locations in relation to the AQMAs. The air quality objectives pertinent to the current AQMA designations are as follows:

- NO₂ annual mean;
- PM₁₀ 24-hour mean;

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 (Site ID in brackets)	Level of Exceedance: Current Year (Site ID in brackets)	Name and Date of AQAP Publication	Web Link to AQAP
AQMA 1	2001 (Amended 2005)	NO ₂ Annual Mean	An area encompassing a number of properties along London Road Grays, Orsett Road & Stanley Road Grays	NO	48.8 µg/m ³ (NAS1) 40.9 µg/m ³ (LRG)	21.7 µg/m ³ (NAS1) 25.6 µg/m ³ (LRG)	Air Quality and Health Strategy (2016)	https://www.thurrock.gov.uk/air-quality/air-quality-monitoring

AQMA 2	2001 (Amended 2005)	NO ₂ Annual Mean	An area encompassing Residential properties along London Road South Stifford.	NO	48 µg/m ³ (LRSS)	26.1 µg/m ³ (LRSS)	Air Quality and Health Strategy (2016)	https://www.thurrock.gov.uk/air-quality/air-quality-monitoring
AQMA 3	2001 (Amended 2005)	NO ₂ Annual Mean	An area encompassing Residential properties along Hogg Lane & Elizabeth Road.	NO	49 µg/m ³ (ER)	30.5 µg/m ³ (ER)	Air Quality and Health Strategy (2016)	https://www.thurrock.gov.uk/air-quality/air-quality-monitoring
AQMA 4	2001 (Amended 2005)	NO ₂ Annual Mean	An area encompassing Residential properties along A1306 west of Chafford Hundred Visitor Centre	NO	65.5 µg/m ³ (NAS2) - proxy location, within AQMA 5	No monitoring sites within AQMA. 29.3 µg/m ³ (NAS2) - proxy location, within AQMA 5	Air Quality and Health Strategy (2016)	https://www.thurrock.gov.uk/air-quality/air-quality-monitoring

AQMA 5	2001 (Amended 2005)	NO ₂ Annual Mean PM ₁₀ 24 Hour Mean	An area encompassing Residential properties along Warren Terrace A1306 & A13	NO	NO ₂ = 65.5 µg/m ³ (NAS2) PM ₁₀ = No Data. Exceedance was based on modelling only	NO ₂ = 29.3 µg/m ³ (NAS2)	Air Quality and Health Strategy (2016)	https://www.thurrock.gov.uk/air-quality/air-quality-monitoring
AQMA 7	2001 (Amended 2005)	NO ₂ Annual Mean PM ₁₀ 24 Hour Mean	A Hotel (IBIS) near to M25 north of the Dartford Crossing	YES	NO ₂ = 52 µg/m ³ (IBIS) PM ₁₀ = No Data. Exceedance was based on modelling only	NO ₂ = 28.9 µg/m ³ (IBIS)	Air Quality and Health Strategy (2016)	https://www.thurrock.gov.uk/air-quality/air-quality-monitoring
AQMA 8	2001 (Amended 2005)	NO ₂ Annual Mean PM ₁₀ 24 Hour Mean	A Hotel next to Jct 31 of the M25	YES	PM ₁₀ = No Data. Exceedance was based on modelling only	NO ₂ = 31.9 µg/m ³ (PIH) No monitoring sites for PM ₁₀	Air Quality and Health Strategy (2016)	https://www.thurrock.gov.uk/air-quality/air-quality-monitoring

AQMA 9	2001 (Amended 2005)	NO ₂ Annual Mean	A Hotel next to Jct 31 of the M25	YES	No Data exceedence was based on modelling only	21.0 µg/m ³ (THB)	Air Quality and Health Strategy (2016)	https://www.thurrock.gov.uk/air-quality/air-quality-monitoring
AQMA 10	2001 (Amended 2005)	NO ₂ Annual Mean PM ₁₀ 24 Hour Mean	An area encompassing Residential properties along London Road Purfleet near to Jarrah Cottages	NO	69.8 µg/m ³ (TK2) automatic site	NO ₂ = 41.9 µg/m ³ (TK8)	Air Quality and Health Strategy (2016)	https://www.thurrock.gov.uk/air-quality/air-quality-monitoring
AQMA 12	2001 (Amended 2005)	NO ₂ Annual Mean	An area encompassing Residential properties along A1306 on the Watts Wood Estate	NO	50.5 µg/m ³ (WC)	24.8 µg/m ³ (WC)	Air Quality and Health Strategy (2016)	https://www.thurrock.gov.uk/air-quality/air-quality-monitoring

AQMA 13	2001 (Amended 2005)	NO ₂ Annual Mean	An area encompassing Residential properties along A1306 London Road Aveley Arterial Road	NO	55.2 µg/m ³ (LRAR)	30.8 µg/m ³ (LRAR)	Air Quality and Health Strategy (2016)	https://www.thurrock.gov.uk/air-quality/air-quality-monitoring
AQMA 15	2001 (Amended 2005)	NO ₂ Annual Mean	1 residential dwelling near the M25 on the edge of Irvine Gardens	YES	40 µg/m ³ (GDSO)	16.8 µg/m ³ (GDSO) This site is not located directly within the AQMA but at the closest accessible receptor location, therefore proxy for AQMA concentrations	Air Quality and Health Strategy (2016)	https://www.thurrock.gov.uk/air-quality/air-quality-monitoring
AQMA 16	2001 (Amended 2005)	NO ₂ Annual Mean	1 residential dwelling near the M25 off Dennis Road	YES	42.6 µg/m ³ (KCNO)	17.7 µg/m ³ (KCNO)	Air Quality and Health Strategy (2016)	https://www.thurrock.gov.uk/air-quality/air-quality-monitoring

AQMA 21	2005	NO ₂ Annual Mean	A former Hotel on Stonehouse Lane	NO	44.6 µg/m ³ (STON)	No monitoring within this AQMA	Air Quality and Health Strategy (2016)	https://www.thurrock.gov.uk/air-quality/air-quality-monitoring
AQMA 23	2005	NO ₂ Annual Mean	An area encompassing Residential properties along London Road West Thurrock	NO	55.1 µg/m ³ (WT)	22.6 µg/m ³ (WT)	Air Quality and Health Strategy (2016)	https://www.thurrock.gov.uk/air-quality/air-quality-monitoring
AQMA 24	2014	NO ₂ Annual Mean	An area encompassing Residential properties along Calcutta Road, Dock Road & St Chads Road	NO	40.5 µg/m ³ (TL)	23.8 µg/m ³ (TL)	Action Plan for AQMA 24 - Tilbury (2016)	https://www.thurrock.gov.uk/air-quality/air-quality-monitoring

					39.3 µg/m ³ (TK4)	26.8 µg/m ³ (TILB)		
AQMA 25	2016	NO ₂ Annual Mean	An area encompassing Residential properties along Aveley High St & Ship Lane	NO	41 µg/m ³ (AVSL)	26.8 µg/m ³ (AVSL)	Action Plan for AQMA 25 - Aveley (2016)	https://www.thurrock.gov.uk/air-quality/air-quality-monitoring
AQMA 26	2016	NO ₂ Annual Mean	An area encompassing Residential properties along the Purfleet By- pass	NO	37.8 µg/m ³ (PBP)	20.3 µg/m ³ (PBP)	Action Plan for AQMA 26 – Purfleet bypass (2016)	https://www.thurrock.gov.uk/air-quality/air-quality-monitoring

Thurrock Borough Council confirm the information on UK-Air regarding their AQMA(s) is up to date.

Thurrock Borough Council has not submitted current AQAPs to Defra. As Thurrock Borough Council intend to undertake a detailed assessment to review the current AQMA designations, AQAPs will be submitted accordingly following this update.

The Council intends re-evaluate its Air Quality and Health Strategy, which contains the overarching Air Quality Action Plan, to take into consideration new opportunities and develop additional and improved policies and actions. This work will be based on the findings of our forthcoming borough-wide modelling assessment, due for completion in Autumn 2023.

Details of all Air Quality Action Plan measures completed, in progress or planned are set out below, in Table 2.2. 30 measures are included within Table 2.2, with the type of measure and the progress Thurrock Borough Council have made during the reporting year of 2021 presented.

Thurrock Council's priorities for the coming year are to ensure delivery of these proposed action measures, and review post implementation whether they have delivered noticeable improvements in air quality, if not then additional measures may be required in due course.

The principal challenges and barriers to implementation that Thurrock Council anticipates facing are challenges in identifying funding sources, and lack of resources to plan and implement measures.

Progress on the measures which may have rolled over from previous years has been slower than expected due to challenges in securing identified funding resources from external partners. Additionally, due to the increasing demands on Council resources, there has been the risk of some schemes slipping in previous years. The proposed review of the Air Quality and Health Strategy will help improve the focus on schemes to address air quality, by developing new actions and policies, and set in place a formal process for progressing these actions.

Whilst the measures stated in Table 2.2 will help to contribute towards compliance, Thurrock Council anticipates that further additional measures not yet prescribed will be required in subsequent years to achieve compliance and enable the revocation of AQMA's 1,2,3,4,5,10,13,23,24,25. The other remaining AQMAs may be revoked due to monitoring data falling below the objectives. If this trend continues, the council will consider revoking them.

Table 2.2 – 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	Public Awareness Raising & Education	Public Information	via the Internet	Ongoing	Ongoing	Env Protection Team/ Highways & Public Health	Env Protection Team/ Highways & Public Health					N/A	N/A	The council operates its own website as well as participating in the Essex Air site which is currently being updated to provide more comprehensive and accessible information for the public.	To Inform the Public of the state of Air Quality dissemination of air quality reports and download of AQ data from Thurrock Council website/ LAQN, EssexAir & Defra
2	Smarter Choices-Work Place Travel Planning : Action to road vehicle emissions	Promoting Travel Alternatives	Workplace Travel Planning	2012/13	Ongoing	Strategic Planning	Strategic Planning					<1%	N/A	This measure is ongoing, with Travel Plans forming an active part of the Development Management process for new developments. The council is undertaking a new process to ensure effective monitoring of travel plans and undertaking any necessary enforcement should these not be complied with and monitored as stated. Additional funding has been received from the DfT to help undertake some workplace challenges.	Encourage modal shift (13 organisations supported since beginning of Local Sustainable Transport Fund (LSTF))
3	Action to road vehicle emissions	Promoting Travel Alternatives	Promotion of cycling	Ongoing	Ongoing	Highways / Strategic Planning	Highways / Strategic Planning					<1%	N/A	There is ongoing promotion of cycling within the borough. New cycle infrastructure is being built in Tilbury, with the completion of a cycle route along Dock Road and Calcutta Road, and new new dedicated cycle route being built along Brennan Avenue. Consultations have been undertaken in Stanford le Hope for new cycle infrastructure under the Active Travel Fund. A further £616,000 has been awarded to the authority to ide additional routes into Corringham. The FOrwardMotion Cycle Hub Thurrock continues to remain operational in Tilbury providing more people access to low-cost cycles and maintenance.	Encourage modal shift

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
4	Action to road vehicle emissions	Promoting Travel Alternatives	School Travel Plans	2004	Complete	Highways / Strategic Planning	Highways / Strategic Planning					<1%	N/A	Thurrock Council continues to engage with schools on travel plans. The authority still maintains active use of the Modeshift Stars school travel plan administration system, and have 3 Gold, 6 Silver and 7 bronze accredited schools. The authority has a target to increase the number of schools with accredited travel plans by a further 10 schools.	Encourage modal shift
5	Action to road vehicle emissions	Promoting Travel Alternatives	Promotion of walking	Ongoing	Ongoing	Highways / Strategic Planning	Highways / Strategic Planning					<1%	N/A	The council implemented a further 3 Wayfinding schemes in the borough - Grays, Tilbury and Aveley, with South Ockendon due to be installed. The active health walks programme has now come to an end.	Encourage modal shift
6	Action to road vehicle emissions Public Transport (Metrorail)	Promoting Travel Alternatives	Promote use of rail and inland waterways	Ongoing	Ongoing	Highways / Strategic Planning	Highways / Strategic Planning					<1%	N/A	Not progressed	Encourage modal shift
7	Action to road vehicle emissions	Promoting Travel Alternatives	Personalised Travel Planning	2010/11	2015/16	Highways / Strategic Planning	Highways / Strategic Planning					<1%	N/A	Programme has completed and not progressed further	Encourage modal shift
8	Action to road vehicle emissions	Promoting Travel Alternatives	Intensive active travel campaign & infrastructure	2010/11	Ongoing	Highways / Strategic Planning	Highways / Strategic Planning					<1%	N/A	The council has a sustainable travel brand - shared with Southend Borough Council and Essex County Council - ForwardMotion which is used to promote active and sustainable travel, and supporting materials are being refreshed including the website.	Encourage modal shift
9	Action to road vehicle emissions	Transport Planning and Infrastructure	Cycle network	Ongoing	Ongoing	Highways / Strategic Planning	Highways / Strategic Planning					<1%	N/A	The cycle network is increasing with completion of the Dock Road/Calcutta Road cycle scheme, and commencement of the Brennan Road scheme. Consultations on other cycle schemes are ongoing. Aim is to have a traffic free cycle scheme from North Stifford to Stanford-le-Hope.	Encourage modal shift
10	Action to road vehicle emissions	Transport Planning and Infrastructure	Public transport improvements-interchanges	Ongoing	Ongoing	Highways / Strategic Planning	Highways / Strategic Planning					<1%	N/A	Enhancement to Grays bus station made, including new rail time	Encourage modal shift

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
			stations and services											information and 7 of the 8 bus shelters replaced.	
11	Action to road vehicle emissions	Transport Planning and Infrastructure	Bus route improvements	Ongoing	Ongoing	Highways / Strategic Planning	Highways / Strategic Planning					<1%	N/A	Not progressed - issues from the pandemic have hit bus routes and their viabilities.	Encourage modal shift
12	LAPC Inspections, of local industry	Environmental Permits	Other	1990	Ongoing	Environmental Protection team	Environmental Protection team					Effects not quantifiable, but probably limits local component of background pollution	N/A	LAPC work is ongoing and part of our normal regulatory work.	Prevention of Pollution & Nuisance
13	Action to road vehicle emissions (116 drivers trained by SAFED up to March 2013)	Vehicle Fleet Efficiency	Driver training and ECO driving aids	2010/11	2014/15	Highways / Strategic Planning	Highways / Strategic Planning					<1%	N/A	No longer being implemented.	Improve HGV driving efficiency to improve vehicle emissions
14	Action to road vehicle emissions (ECO Stars Freight Accreditation Scheme, 42 businesses currently have accreditation from the scheme)	Vehicle Fleet Efficiency	Fleet efficiency and recognition schemes	2010/11	2014/15	Highways / Strategic Planning	Highways / Strategic Planning					<1%	N/A	No longer being implemented.	Improve HGV driving efficiency to improve vehicle emissions (funding available until March 2015)
15	Enforcement of local Taxi licencing	Promoting Low Emission Transport	Taxi Licencing conditions	Ongoing	Ongoing	Licencing	Licencing					<1%	N/A	Ongoing	Ensure that Road vehicles are road worthy and EU compliant vehicles
16	Provision of Electric vehicle car charging points around the borough	Promoting Low Emission Transport	Procuring alternative Refuelling infrastructure to promote Low Emission Vehicles, EV recharging, Gas fuel recharging	2009	Ongoing	Highways / Strategic Planning	Highways / Strategic Planning					<1%	N/A	Thurrock Council has tendered a new contract with supplier to provide more electric charging points across the borough, with reduced costs to the council. Supplier is ConnectedKerb.	Alternative fuelled vehicles
17	Council Introduced Home working / flexible working hours	Promoting Travel Alternatives	Encourage / Facilitate home-working	2014	Ongoing	TBC	TBC					N/A	N/A	Ongoing	To reduce and save money on unnecessary vehicle journeys
18	Introduction of Hybrid Buses into the fleet	Alternatives to private vehicle use	Other	Ongoing	Ongoing	Highways / Strategic Planning	Highways / Strategic Planning					<1%	N/A		Switch from Diesel to less polluting alternatives

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
18	Introduction of Hybrid Buses into the fleet	Alternatives to private vehicle use	Other	Ongoing	Ongoing	Highways / Strategic Planning	Highways / Strategic Planning					<1%	N/A	Except for a very small number of buses, Thurrock has a clean bus fleet. Buses operated by First Essex Buses run hybrid vehicles while nearly all Ensign Buses are Euro 6 compliant. Only buses operated by Nibs and some school operators may not Euro 6.	Switch from Diesel to less polluting alternatives
19	Cycle Parking for AQMA 5	Transport Planning and Infrastructure	Other	2013/2014	Completed	Highways / Strategic Planning	Highways / Strategic Planning					<1%	N/A	A parking strategy has been adopted where cycle parking is a formal requirement of all new developments for both short and long-term stays.	Increase capacity for cycle network
20	Local Sustainable Transport Fund (LSTF) Improvement of Transport infrastructure (Boroughwide) Initiative	Transport Planning and Infrastructure	Other	2010/2014	Completed	Highways / Strategic Planning	Highways / Strategic Planning					<1%	N/A	Programme ended in 2015.	Improvement of Transport Infrastructure
21	Freight Quality Partnership (FQP) Expansion of FQP (as of 2014 were 45 members in the FQP in Thurrock (AQMA 23)	Freight and Delivery Management	Freight Partnerships for city centre deliveries	2010/11	2015/16	Highways / Strategic Planning	Highways / Strategic Planning					<1%	N/A	The Thurrock Freight, Logistics and Transporting Partnership was reformed, but has not met in a number of years.	Partnership with local freight and logistic industry to provide discussion platform around freight issues.
22	Pollution absorbent paint barrier (AQMA 13)	Transport Planning and Infrastructure	Other	2013	Complete	Environmental Protection Team /Highways / Strategic Planning	Environmental Protection Team /Highways / Strategic Planning					1-2%	Monitor NO2 diffusion tube results, see if there is an improvement	N/A	Experimental mitigation measure to attempt to reduce NO2 pollution within AQMA 13
23	Public Transport - Eco driver training	Transport Planning and Infrastructure	Public transport improvements-interchanges stations and services	2014	ongoing	Highways / Strategic Planning	Highways / Strategic Planning					<1%	N/A	No longer implemented	Improve driver efficiency in the bus fleet (limited application only 16 drivers trained, Ensign bus fleet operators)
24	Improve traffic signalling at traffic light junction within (AQMA 13)	Traffic Management	Other	2013	2013	Highways / Strategic Planning	Highways / Strategic Planning					<1%	N/A	Completed	Improve flow of stationary traffic for smoother driving, hence attempt to lower emissions

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
25	SCOOT/UTMC (AQMA 1 & AQMA 5)	Traffic Management	UTC, Congestion management, traffic reduction	2014	2014	Highways / Strategic Planning	Highways / Strategic Planning					<1%	N/A	Completed	
26	HGV weight restriction (AQMA 1, 2)	Traffic Management	Other	2013	2013 / 2014	Highways / Strategic Planning	Highways / Strategic Planning					<1%	N/A	Completed	Divert HGVs away from AQMAs along Devonshire road, to alleviate London Road from HGVs & Congestion
27	Improve Bus / Rail interchange (AQMA 5)	Transport Planning and Infrastructure	Public transport improvements- interchanges stations and services	Ongoing	Ongoing	Highways / Strategic Planning	Highways / Strategic Planning					<1%	N/A		Improve accessibility of public transport :Completed scheme, but will make future improvements as part of the Masterplan for Thurrock
28	Road layout review - future bus priority measures (AQMA 23)	Transport Planning and Infrastructure	Other	Unknown	TBC	Highways / Strategic Planning	Highways / Strategic Planning							Not implemented	
29	Air Quality Officer Working Group	Policy Guidance and Development Control	Air Quality Planning and Policy Guidance	2014/15	2015/16	Environmental Protection Team	Environmental Protection Team					n/a	n/a	A new Air Quality Officer is now in post and the first working group meeting was held on 20/04/22	To coordinate action between council departments (Health, Transport & Environment) and determine focus areas/initiatives

Please see [Thurrock's Air Quality and Health Strategy, December 2016](#), for more information on measures associated with each AQMA.

2.2 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.

Thurrock Council is taking the following measures to address PM_{2.5}:

The Council has published an integrated Health and Air Quality Strategy to renew its approach to addressing poor air quality and reduce exposure across its area. The focus of the air quality policies and actions are targeted at exceedances of NO₂ in individual AQMAs, however it is acknowledged that many of the interventions proposed will also have beneficial reductions in PM_{2.5} concentrations. The following measures are examples of interventions proposed to also address PM_{2.5} (see Table 2.2 for full list of interventions proposed):

- Land Use Planning (no increase): Policies focusing on avoiding exacerbating existing AQMAs such as car free developments and promoting sustainable transport.
- HGV Traffic Management (10.0+ µg/m³): Introduction of weight restrictions/enforcement to discourage HGVs
- Engine Switch-off Zones (3.0+ µg/m³): Traffic orders and publicity to reduce idling at level crossings e.tc
- Speed limit reduction (5.0+ µg/m³): Localised traffic enforcement and speed reductions
- Clean Air Zone (15.0 µg/m³): Traffic enforcement/management to prevent or charge high polluting vehicles for using certain roads.

Thurrock Council currently undertakes PM_{2.5} monitoring at two sites, Thurrock 3; Stanford-Le-Hope, and Thurrock 9; Tilbury. PM₁₀ monitoring is also undertaken in the district and can therefore be used to estimate PM_{2.5} concentrations at these locations, as recommended in box 7.7 of LAQM.TG(16). The estimated PM_{2.5} concentration in 2020 at the automatic monitoring sites Thurrock 1 and Thurrock 8 were 12.8µg/m³ and 16.2µg/m³. The estimated concentrations at the same sites in 2021 were 12.0µg/m³ and 15.5µg/m³ respectively. These concentrations are below the PM_{2.5} AQS target of 25µg/m³.

The Council also has a number of Smoke Control Areas, in order to prevent any use of unauthorised domestic heating appliances and fuel substances within residential buildings within these areas. The Council's Environmental Protection Team can provide details on Smoke Control Areas via its email address Air.Quality@thurrock.gov.uk Additional information on Smoke Control Areas i.e. registered appliances & fuels etc. can be found on the [UK GOV website](#).

The current Defra background maps for Thurrock Borough Council (these can be found online on the [UK Air Website](#)) show that all background concentrations of PM_{2.5} are well below the annual mean AQS target for PM_{2.5}. The highest concentration is predicted to be 12.4µg/m³ in 2021 within the 1 x 1km grid square both with the centroid grid reference of 556500, 177500. This point is located at Purfleet docks, to the West of the railway line. The closest AQMA to this point is AQMA 10 which has been declared for exceedance of the NO₂ annual mean and PM₁₀ 24-hour mean.

The [Public Health Outcomes Framework data tool](#) compiled by Public Health England quantifies the mortality burden of PM_{2.5} within England on a county and local authority scale (latest available data: 2021). The 2021 fraction of mortality attributable to PM_{2.5} pollution in Thurrock is 6.0%. This is above both the fractions reported for the East of England region which is 5.5% and the fraction across England which is 5.1%.

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

This section sets out the monitoring undertaken by Thurrock Borough Council during the 2021 calendar year and how it compares with the relevant air quality objectives. In addition, monitoring results are presented for a five-year period between 2017 and 2021 to allow monitoring trends to be identified and discussed.

3.1 Summary of Monitoring Undertaken

3.1.1 Automatic Monitoring Sites

Thurrock Borough Council undertook automatic (continuous) monitoring at four sites during 2021. TK4 was decommissioned in December 2019, but replaced by TK9 in December 2020. Table A.1 in Appendix A shows the details of the automatic monitoring sites. Local authorities do not have to report annually on the following pollutants: 1,3 butadiene, benzene, carbon monoxide and lead, unless local circumstances indicate there is a problem. These pollutants have been screened out in previous reports as the levels were low or non-existent within the borough, and no new sources have been identified since for these pollutants, so they are no longer deemed as being an issue. The [LAQN website](#) presents automatic monitoring results for Thurrock Borough Council, with automatic monitoring results also available through the UK-Air website.

In addition, the Council currently operates a Heavy Metals Partisol Monitor on behalf of Defra, as part of Defra's Heavy Metals Monitoring Network. The current monitoring site is located in Chadwell St Mary. Monitoring results from this site can be downloaded via 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

Thurrock Borough Council undertook non-automatic (i.e. passive) monitoring of NO₂ at 66 sites during 2020 and 2021, including one duplicate and one triplicate site. The location of

the duplicate site, which was associated with the continuous monitor TK4 in 2019, changed in 2020 when it was re-located to the continuous monitor TK9. 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.

3.2 Individual Pollutants

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

3.2.1 Nitrogen Dioxide (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 2021 dataset of monthly mean values is provided in Appendix B. Note that the concentration data presented in Table B.1 and Table B.2 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.

In 2021, there were no reported exceedances of the air quality objective at passive monitoring sites. Furthermore, there were 0 sites which reported within 10% of the AQS Objective.

Of the four automatic monitoring sites for NO₂ in 2021, three locations reported below 10% of the AQS annual mean objective. The automatic roadside monitoring site Thurrock 8 exceeded the AQS annual mean objective in both 2020 and 2021. Distance correction was

not possible at this site as the nearest receptor is located across the road, therefore is not within the parameters of the LAQM Tool. Thurrock 8 is located within AQMA 10.

There were no further reported exceedances of the AQS Objectives in 2021.

In relation to the 1-hour AQS Objective, there were no exceedances reported in 2020 or 2021. Additionally, all diffusion tube sites in 2020 and 2021 were below $60\mu\text{g}/\text{m}^3$, which indicates that an exceedance of the 1-hour mean objective is unlikely at any sites.

Thurrock Borough Council decommissioned site TK4 (within AQMA 24) in December 2019 following years of compliance with the AQS objectives for NO_2 . The site has been relocated to TK9, commissioned December 2020, to monitor the level of NO_2 concentrations at the worst-case location within AQMA 24, results from TK9 are presented in this report following its first full year of monitoring.

3.2.2 Particulate Matter (PM_{10})

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

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

Both 2020 and 2021 monitoring confirms that there are currently no areas breaching the annual mean air quality objectives for PM_{10} . There were some exceedances of the 24-hour mean concentrations across 2020 and 2021 at all three automatic sites, however these remained below the number of permitted exceedances per year. The maximum number of exceedances of the PM_{10} 24-hour mean objective in 2021 was at Thurrock 8, which is located in AQMA 10 (6 exceedances out of the permitted 35 exceedances per year). Over the past 5 years, all three sites have remained below the threshold for 35 permitted exceedances per year, however there was an increase in the number of exceedances reported between 2018 and 2019 at sites Thurrock 1 and 3. These sites are not located within an AQMA, therefore monitoring will continue at all sites to ensure that any areas of concern are identified at an early stage.

3.2.3 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.

Thurrock Council currently has two automatic PM_{2.5} monitoring stations (Thurrock 3; Stanford Le-Hope and Thurrock 9; Tilbury), which are both roadside sites. 2021 is the first complete year of monitoring at Thurrock 9 and shows that the site is comfortably compliant with the AQS target concentration for this pollutant. Thurrock 3 has seen a decline in concentrations between 2016 – 2018. However, the annual mean concentration increased to 11.6µg/m³ in 2019, remaining at roughly this level through 2021 (reporting 11.8µg/m³). All concentrations over the past five years have reported below the PM_{2.5} target of 25µg/m³.

In accordance with LAQM.TG(16), the PM_{2.5} concentrations can also be estimated from PM₁₀ monitoring using either a local PM₁₀ and PM_{2.5} monitoring ratio, or a nationally derived correction ratio of 0.7. As there is local monitoring for PM_{2.5} and PM₁₀ at the Thurrock 3 site, a locally derived correction factor of 0.69 in 2020 and 0.7 in 2021 can be applied to PM₁₀ concentrations at Thurrock 1 (Grays) and Thurrock 8 (Purfleet), to provide an estimation for PM_{2.5} concentrations at those locations. The locally derived correction ratio of 0.69 was applied to the 2020 PM₁₀ concentrations at the automatic monitoring sites Thurrock 1 and Thurrock 8 (18.6µg/m³ and 23.5µg/m³) and the correction ratio of 0.7 was applied to the 2021 PM₁₀ concentrations at Thurrock 1 and Thurrock 8 (17.1µg/m³ and 22.1µg/m³). The estimated PM_{2.5} concentration in 2020 at the automatic monitoring sites Thurrock 1 and Thurrock 8 were 12.8µg/m³ and 16.2µg/m³. The estimated PM_{2.5} concentration in 2021 at the automatic monitoring sites Thurrock 1 and Thurrock 8 were 12µg/m³ and 15.5µg/m³. These concentrations are below the PM_{2.5} AQS target of 25µg/m³.

3.2.4 Sulphur Dioxide (SO₂)

Table A.9 and A.10 in Appendix A compare the ratified continuous monitored SO₂ concentrations for 2020 and 2021 with the air quality objectives for SO₂.

There is currently one location monitoring SO₂ within the borough located at Thurrock 1, Grays. The council has previously monitored for SO₂ at other locations, most recently in Tilbury at the Thurrock 4 site. As of early 2017 monitoring ceased due to there being no exceedances reported at this location. There have been no pollution incidences regarding this pollutant since monitoring began back in 1996 at Thurrock 1. SO₂ concentrations were

well below the air quality objectives in 2020 and 2021, with no exceedances reported in either year.

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)
Thurrock 1 (TK1)	Thurrock, Grays AURN	Urban Background	561066	177894	NO ₂ , PM ₁₀ , PM _{2.5} , O ₃ , SO ₂	No	Chemiluminescent, BAM 1020, UV absorption, UV fluorescence	38	N/A	3.5
Thurrock 8 (TK8)	Purfleet, London Road	Roadside	556701	177937	NO ₂ , PM ₁₀	AQMA 10	Chemiluminescent, BAM 1020	2.6	2	1.5
Thurrock 3 (TK3)	Stanford-le-Hope, Manorway	Roadside	569358	182736	NO ₂ , PM ₁₀ , PM _{2.5}	No	Chemiluminescent, BAM 1020, BAM 1020	3	22	2.8
Thurrock 9 (TK9)	Dock Road Tilbury	Roadside	563489	176497	NO ₂ , PM _{2.5}	AQMA 24	Chemiluminescent, BAM 1020	5.7	5.5	1.6

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)
LRAR	London Road Arterial Road (R)	R	555301	179438	NO ₂	13	15.5	0.5	N	1.5
PRS	Purfleet Rail Station (R)	R	555389	178145	NO ₂	No	Nearest exposure crosses road source	1.5	N	2
WC	Watts Crescent (R)	R	556314	178765	NO ₂	12	32	2	N	2
JC	Jarrah Cottages (R)	R	556701	177937	NO ₂	10	Nearest exposure crosses road source	2.6	Y (TK8)	1.5
IBIS	Ibis Hotel (UB)	UB	557570	177789	NO ₂	7	>50	52	N	2
GDSO	Gatehope Drive (UB)	UB	557595	181060	NO ₂	15	23	105	N	1.3
LT	Lakeside Tesco Roundabout (R)	R	557981	178700	NO ₂	No	>50	1	N	2
KCNO	Kemps Cottage (UB)	UB	558148	183532	NO ₂	16	10	57	N	2
WT	London Road W Thurrock (R)	R	558483	177678	NO ₂	23	10	4	N	1.5
HR	Howard Road (R)	R	559118	179462	NO ₂	5	0	29	N	1.5
NAS2	A1306 (R)	R	559720	179630	NO ₂	5	20	4.5	N	2
LRSS	London Road South Stifford (R)	R	559785	177910	NO ₂	2	4	3.5	N	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)
LRG	London Road Grays (R)	R	560624	177811	NO ₂	1	4.8	2.5	N	2
ER	Elizabeth Road (R)	R	560954	179535	NO ₂	3	2.5	0.5	N	2
PS	Poison Store - Thurrock AURN Site (Co-located single tube) (UB)	UB	561066	177894	NO ₂	No	N/A	38	Y (TK1)	3.5
HL	Hogg Lane (R)	R	561108	178922	NO ₂	No	27.5	1.2	N	2
NAS1	Queensgate Centre Grays (R)	R	561469	178063	NO ₂	1	0	5	N	2
CR	Cromwell Road Grays (I)	R	561572	178154	NO ₂	1	Nearest exposure crosses road source	0.5	N	2
SRG	Stanley Road Grays (R)	R	561685	177833	NO ₂	1	2.5	5	N	2
NAS3	Chestnut Avenue Grays (UB)	UB	561830	179878	NO ₂	No	8	N/A	N	1.5
WES	William Edwards School (R)	R	561958	180967	NO ₂	No	38	N/A	N	2
B	Bulphan (RB)	RB	563855	184772	NO ₂	No	Nearest exposure crosses road source	N/A	N	2
TL	Calcutta Road Tilbury (R)	R	563867	176293	NO ₂	24	6	0.5	N	2
PKSL	Park Road (R)	R	567781	182400	NO ₂	No	24	9	N	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)
SL	Stanford Library (UB)	UB	568501	182459	NO ₂	No	7	N/A	N	2
ML, MM, MR	Manorway Monitoring Station (R) (Co-located triplicate tube site)	R	569357	182737	NO ₂	No	22	3	Y (TK3)	2.8
FRC	Francisco Close (Chafford Hundred) (I)	I	559136	179084	NO ₂	No	10	17	N	2
TILA	Dock Road (Tilbury) (R)	R	563498	176483	NO ₂	24	14	2.5	N	2
TILB	Broadway Intersection (Tilbury) (R)	R	563645	176348	NO ₂	24	9	2.5	N	2
TILC	St Andrews Road (Tilbury) (R)	R	563600	176321	NO ₂	No	N	2.5	N	1.5
TILD	Calcutta Road East (Tilbury) (R)	R	563995	176291	NO ₂	24	6	0.5	N	2
TILE	Calcutta Road North (Tilbury) (R)	R	563870	176305	NO ₂	24	8	2	N	2
TK9 A, TK9 B	Thurrock 9 (R) (co-located duplicate tube site from Dec 2020)	R	563489	176497	NO ₂	24	5.7	5.5	Y (TK9)	1.5
PBP	Purfleet By-pass (R)	R	556257	178438	NO ₂	26	5.5	9.5	N	1.5
PBPA	Purfleet By-pass	R	556221	178461	NO ₂	No	3.2	9.5	N	1.5
LYD	Lydden (UB)	UB	560057	179873	NO ₂	No	26	18	N	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)
AVSL	Aveley Ship Lane (R)	R	556713	180167	NO ₂	25	1	2	N	2
AVHS	Aveley High Street (R)	R	556661	180180	NO ₂	25	6.5	0.8	N	2
SOAA	South Ockendon Arisdale Avenue (R)	R	558785	182323	NO ₂	No	6	7	N	2
TSR	Tilbury Sydney Road (UB)	UB	564122	176152	NO ₂	No	N	N/A	N	2
DR	Devonshire Road (R)	R	560279	178944	NO ₂	No	10.5	6	N	1.5
LRARN	London Road Art Road (North) (R)	R	555286	179501	NO ₂	13	0.5	19.5	N	2
LRARS	London Road Art Road (South) (R)	R	555357	179362	NO ₂	No	40	15	N	1
LRARMN	London Road Art Road (Mid-North) (R)	R	555299	179453	NO ₂	13	Nearest exposure crosses road source	8	N	2
LRARMS	London Road Art Road (Mid-South) (R)	R	555329	179397	NO ₂	13	9	7	N	2
JRP	Joslin Road (UB)	UB	556384	178001	NO ₂	No	13	N/A	N	2
ACHL	Armada Court & Hogg Lane (R)	R	561093	178974	NO ₂	3	9	8	N	1.5
CC	Catherine Close (I)	I	560770	179866	NO ₂	No	32	20	N	1.5
ERFA	Elizabeth Road facade A (R)	R	560962	179527	NO ₂	3	32	8.2	N	1.5

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)
ERFB	Elizabeth Road facade B (R)	R	560963	179558	NO ₂	No	0.5	8	N	1.5
ERTM	Elizabeth Road & Treacle Mine Roundabout (R)	R	560965	179796	NO ₂	No	0.5	8.5	N	1.5
NC	Nutberry Close (I)	I	561077	179912	NO ₂	No	6.6	19.5	N	1.5
HD	Hawkins Drive (R)	R	560003	179694	NO ₂	5	8.4	9	N	1.5
GRPL	Grifon Road & Pilgrims Lane Roundabout (I)	I	559551	179547	NO ₂	5	5.6	19.5	N	1.5
PIH	Premier Inn Hotel (I)	I	557299	178802	NO ₂	8	6.6	21	N	1.5
WCF	Watts Cresecent facade (A)	I	556290	178749	NO ₂	12	7.5	17	N	1.5
THA	Thurrock Hotel A (UB)	UB	557386	179065	NO ₂	9	0	78	N	1.5
THB	Thurrock Hotel B (UB)	UB	557437	179099	NO ₂	9	0	39	N	1.5
SCR LTC	Stifford Clays Road LTC site (I)	UB	562383	181157	NO ₂	No	29	55.5	N	1.5
BSA LTC	Baker Street A LTC site (R)	R	563486	181070	NO ₂	No	9	1.5	N	1.5
BSB LTC	Baker Street B LTC site (R)	R	563574	180770	NO ₂	No	7.2	1.3	N	1.5
HR LTC	Heath Road LTC site (R)	R	563785	180157	NO ₂	No	6.5	0.9	N	1.5

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)
SR LTC	Station Road LTC site (R)	I	567351	177555	NO ₂	No	Nearest exposure crosses road source	1.5	N	1.5
TTS LTC	Tree Tops School LTC site (I)	I	563828	179597	NO ₂	No	>50	38	N	1.5
MRS	Manor Road School (R)	R	562413	177747	NO ₂	No	0	1.5	N	2
MTV	Mary The Virgin Church (I)	I	562615	177774	NO ₂	No	4	56	N	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.

Sites associated with Lower Thames Crossing, sited to monitor infrastructure emissions

Sites associated with Tilbury Green Power to monitor industrial emissions

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 2021 (%) ⁽²⁾	2017	2018	2019	2020	2021
Thurrock 1	561066	177894	Urban Background	97.6	97.6	28.2	24.8	23.4	19.3	20.6
Thurrock 3	569358	182736	Roadside	99.1	99.1	28.3	27.6	25.3	21.2	22.1
Thurrock 8	556701	177932	Roadside	87.9	87.9	52.1	51.6	47.7	41.6	41.9
Thurrock 9	563489	176497	Roadside	94.2	94.2	N/A	N/A	N/A	N/A ⁽³⁾	29.1

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%).

(3) Site was commissioned December 2020, data capture too low to provide annual mean (<25%)

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 2021 (%) ⁽²⁾	2017	2018	2019	2020	2021
LRAR	555301	179438	R	100.0	100.0	58.2	51.2	50.1	36.7	30.8
PRS	555389	178145	R	100.0	100.0	31.5	34.4	32	22.6	19.4
WC	556314	178765	R	100.0	100.0	40.1	41.1	39.1	29.7	24.8
JC	556701	177937	R	100.0	100.0	46.7	49.5	46.6	37.4	32.1
IBIS	557570	177789	UB	100.0	100.0	46.4	45.3	47	37.4	28.9
GDSO	557595	181060	UB	100.0	100.0	27.5	25.3	25.7	19.2	16.8
LT	557981	178700	R	100.0	100.0	56	54.7	52	39.9	34.1
KCNO	558148	183532	UB	100.0	100.0	33.5	29.4	29.3	21.9	17.7
WT	558483	177678	R	91.7	91.7	39.1	38.2	35.5	27.5	22.6
HR	559118	179462	R	100.0	100.0	32.1	30.3	27.7	22.2	20.7
NAS2	559720	179630	R	100.0	100.0	52.8	51.3	49.9	37.6	29.3
LRSS	559785	177910	R	100.0	100.0	41.9	39.2	39	24.3	26.1
LRG	560624	177811	R	91.7	91.7	38.3	36.2	36.7	26.4	25.6
ER	560954	179535	R	100.0	100.0	49.7	49.8	48.8	38.1	30.5
PS	561066	177894	UB	91.7	91.7	26.1	25.4	24.9	18.8	18.0
HL	561108	178922	R	100.0	100.0	34.3	33.7	31.8	24.6	22.0
NAS1	561469	178063	R	100.0	100.0	32.9	32.9	31	23.6	21.7
CR	561572	178154	R	83.3	83.3	31.8	30.9	33	24	22.2
SRG	561685	177833	R	100.0	100.0	28.7	29.6	30.6	23	21.4
NAS3	561830	179878	UB	100.0	100.0	23.2	23.9	24.8	18.8	15.8
WES	561958	180967	R	100.0	100.0	30	29.5	26.6	20.3	16.8
B	563855	184772	RB	100.0	100.0	16.3	15.2	14.6	11.9	9.5
TL	563867	176293	R	83.3	83.3	35	32.9	34.8	28	23.8
PKSL	567781	182400	R	100.0	100.0	27.8	29.4	26	20.7	18.1

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 2021 (%) ⁽²⁾	2017	2018	2019	2020	2021
SL	568501	182459	UB	83.3	83.3	25.9	26.2	25.5	19.5	17.8
ML, MM, MR	569357	182737	R	100.0	100.0	27.8	28.5	26.5	21.6	18.9
FRC	559136	179084	I	100.0	100.0	31.8	30.6	31	23.9	20.6
TILA	563498	176483	R	75.0	75.0	40.9	38	39.8	31.1	23.4
TILB	563645	176348	R	100.0	100.0	37.6	42.4	41.2	32.8	26.8
TILC	563600	176321	R	100.0	100.0	40.2	37.8	33.3	28.2	22.5
TILD	563995	176291	R	66.7	66.7	36.3	35	35.1	31.3	25.3
TILE	563870	176305	R	91.7	91.7	35.4	33.4	35.2	31.7	22.8
TK9 A, TK9 B	563489	176497	R	100.0	100.0	-	-	-	29.4	23.1
PBP	556257	178438	R	91.7	91.7	36.8	33.1	31	24.1	20.3
PBPA	556221	178461	R	100.0	100.0	33.3	33.1	30.7	23.8	21.6
LYD	560057	179873	UB	100.0	100.0	31.4	29.9	26.7	22.1	18.3
AVSL	556713	180167	R	100.0	100.0	42.1	40.7	45	32.5	26.8
AVHS	556661	180180	R	100.0	100.0	35.2	35.6	35.1	26.5	23.5
SOAA	558785	182323	R	91.7	91.7	28.1	32.5	29.2	21	19.8
TSR	564122	176152	UB	100.0	100.0	28.4	26.8	28.5	24.2	20.3
DR	560279	178944	R	100.0	100.0	28	26.5	27.9	21	17.3
LRARN	555286	179501	R	100.0	100.0	33.2	31.4	33	24.1	22.0
LRARS	555357	179362	R	91.7	91.7	30.7	25.8	26.4	19.8	17.7
LRARMN	555299	179453	R	100.0	100.0	40.9	39.6	36.7	26.6	23.9
LRARMS	555329	179397	R	100.0	100.0	39.2	37.5	34.3	25.4	23.7
JRP	556384	178001	UB	100.0	100.0	25.3	26.4	24.1	18.1	16.3
ACHL	561093	178974	R	100.0	100.0	35.8	32.7	35.3	27.7	22.1
CC	560770	179866	I	91.7	91.7	22.8	25.6	26	20	18.2

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 2021 (%) ⁽²⁾	2017	2018	2019	2020	2021
ERFA	560962	179527	R	100.0	100.0	33.8	32.5	32.5	23.8	19.2
ERFB	560963	179558	R	100.0	100.0	34.5	31.4	32.2	25.8	20.3
ERTM	560965	179796	R	100.0	100.0	35.5	37.5	37.1	26.1	24.4
NC	561077	179912	I	100.0	100.0	36.5	33.8	34.5	28.7	22.8
HD	560003	179694	R	100.0	100.0	34.9	32.7	31.5	25.5	21.8
GRPL	559551	179547	I	91.7	91.7	33	32.5	31	24.4	22.0
PIH	557299	178802	I	83.3	83.3	32	35.1	30.7	24.1	31.9
WCF	556290	178749	I	100.0	100.0	31	32.7	32.6	24.4	24.8
THA	557386	179065	UB	83.3	83.3	30.8	34.3	29.7	24	19.8
THB	557437	179099	UB	100.0	100.0	30.2	35.7	31.8	24.4	21.0
SCR LTC	562383	181157	UB	100.0	100.0		32.4	30.1	22.3	17.6
BSA LTC	563486	181070	R	100.0	100.0		24	25.9	18.9	17.0
BSB LTC	563574	180770	R	100.0	100.0		30.2	28.3	23.5	20.1
HR LTC	563785	180157	R	100.0	100.0		27.3	29	22.1	17.7
SR LTC	567351	177555	I	75.0	75.0		18.7	17.1	15.4	13.1
TTS LTC	563828	179597	I	91.7	91.7		23.7	21.5	19.2	16.0
MRS	562413	177747	R	91.7	91.7			23.5	19.5	17.0
MTV	562615	177774	I	100.0	100.0			21.5	17.5	14.8

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 40µg/m³ are shown in **bold**.

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

Means for diffusion tubes have been corrected for bias. All means have been “annualised” as per LAQM.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.

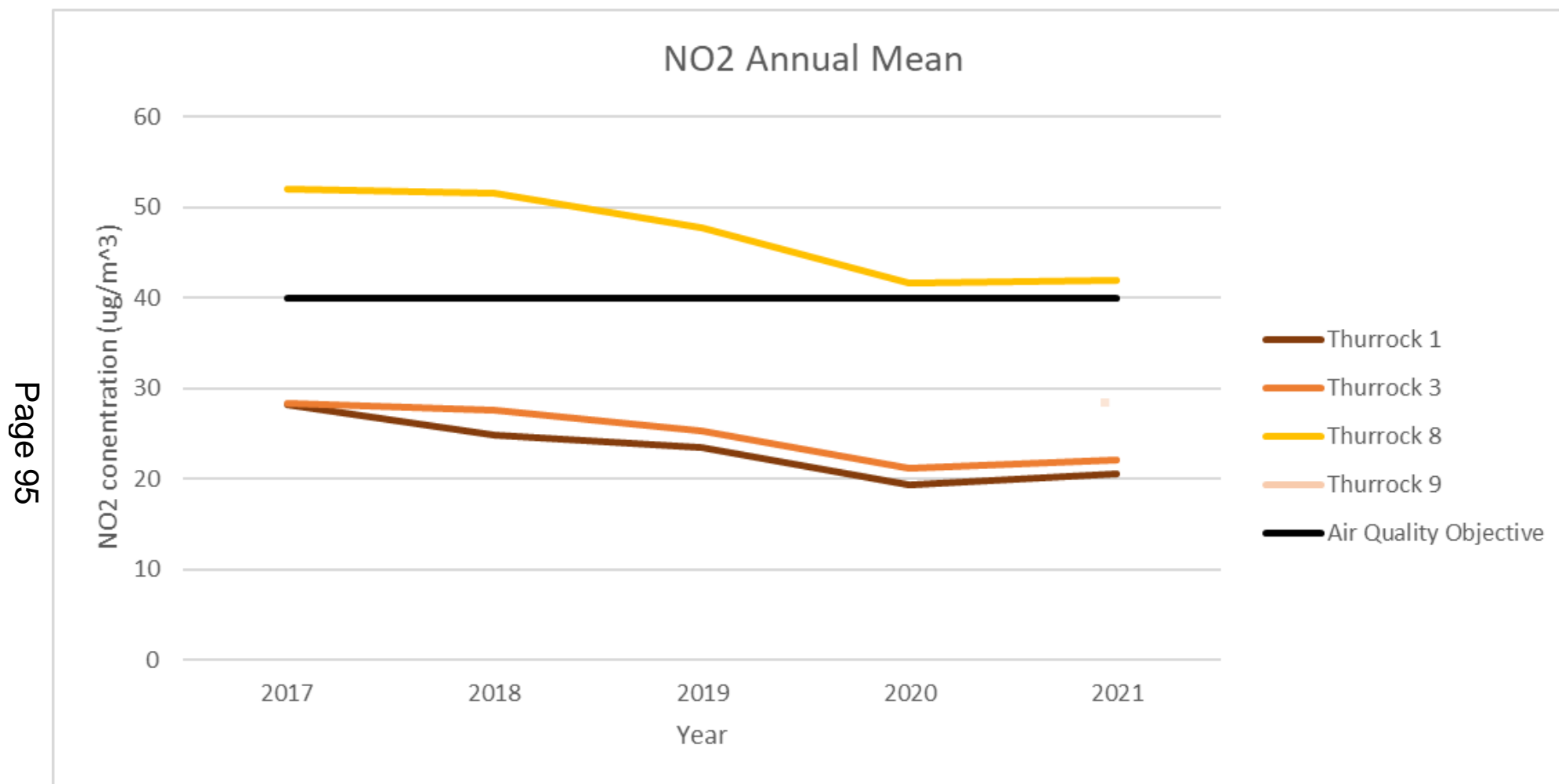
(1) Data capture for the monitoring period, in cases where monitoring was only carried out for part of the year.

(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%).

Sites associated with Lower Thames Crossing, sited to monitor infrastructure emissions

Sites associated with Tilbury Green Power to monitor industrial emissions

Figure A.1 – Trends in Annual Mean NO₂ Concentrations – Automatic Monitoring Sites



Page 95

Figure A. 2 – Trends in Annual Mean NO₂ Concentrations – Passive Monitoring Sites in AQMA 1, 2, 3 and 5

Page 96

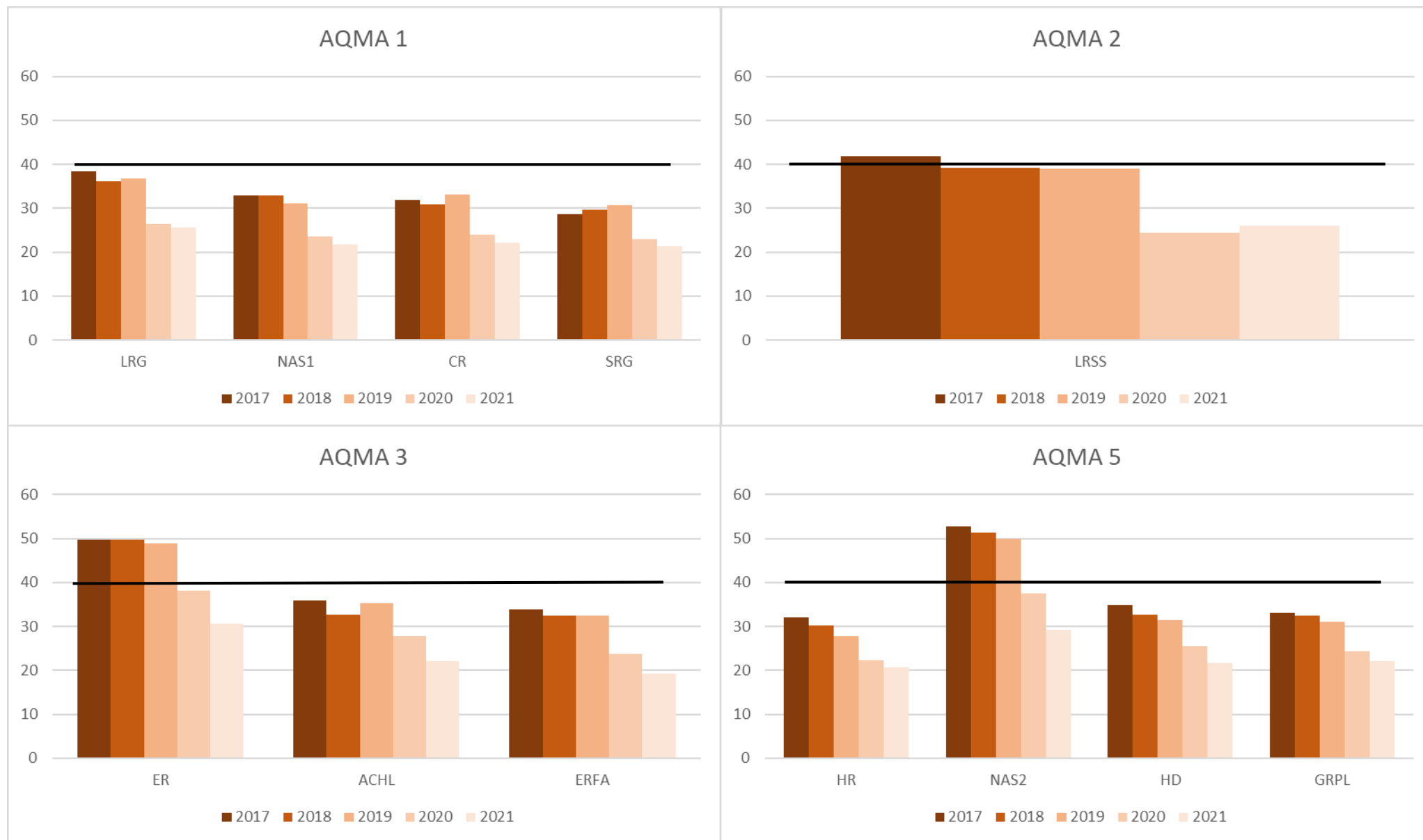


Figure A. 3 - Trends in Annual Mean NO₂ Concentrations – Passive Monitoring Sites in AQMA 7, 8, 9 and 10

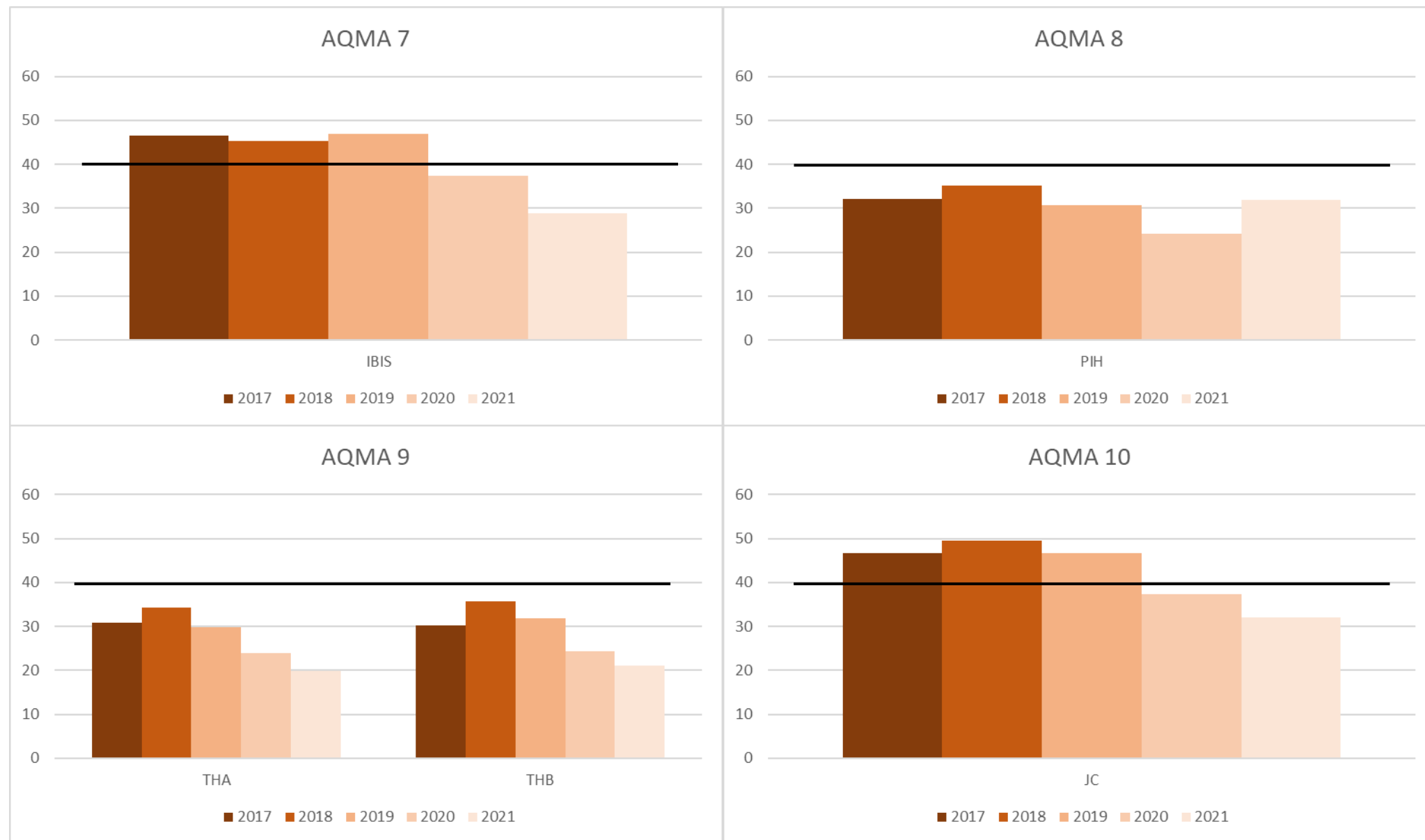


Figure A. 4 - Trends in Annual Mean NO₂ Concentrations – Passive Monitoring Sites in AQMA 12, 13, 15 and 16

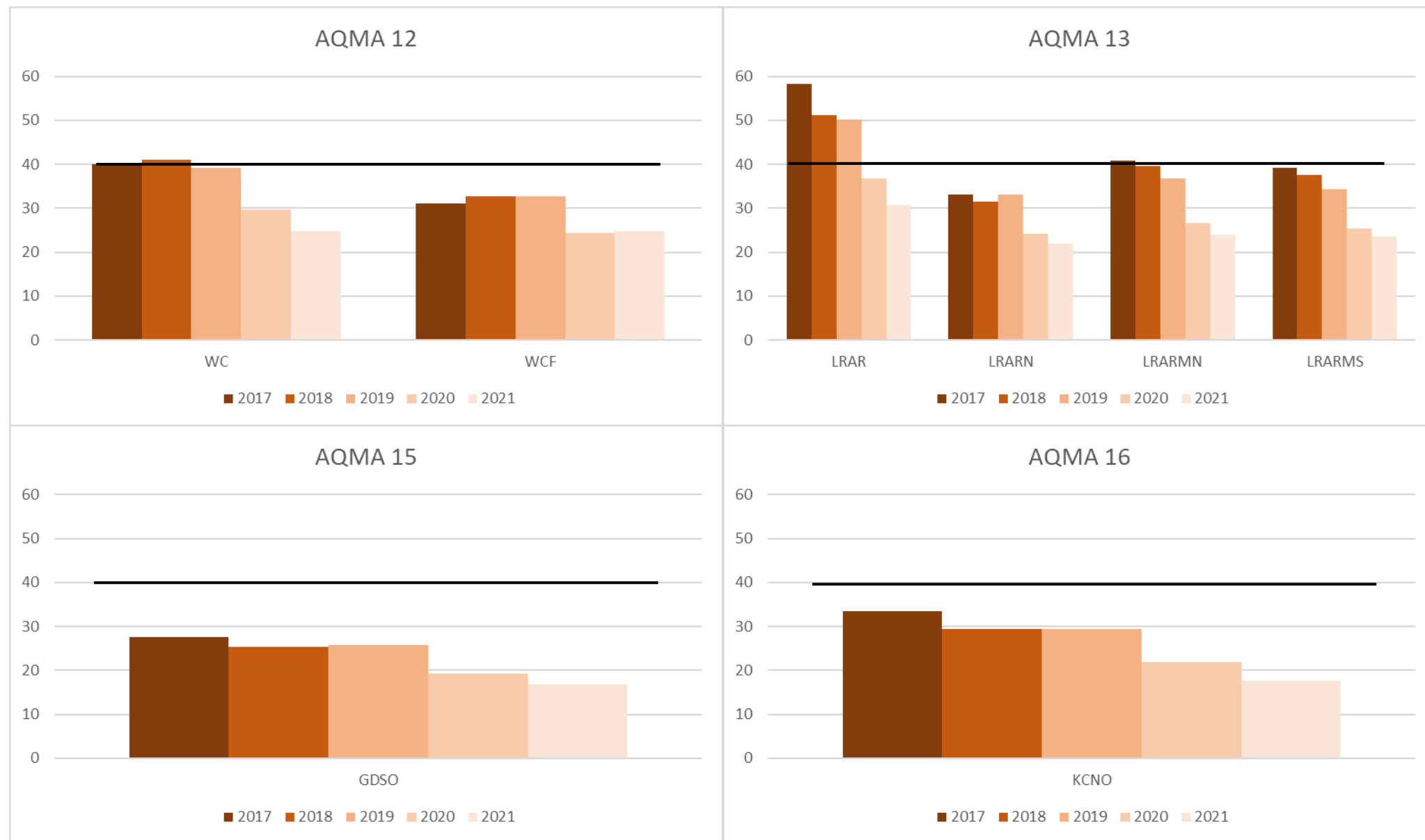


Figure A. 5 - Trends in Annual Mean NO₂ Concentrations – Passive Monitoring Sites in AQMA 23, 24, 25 and 26

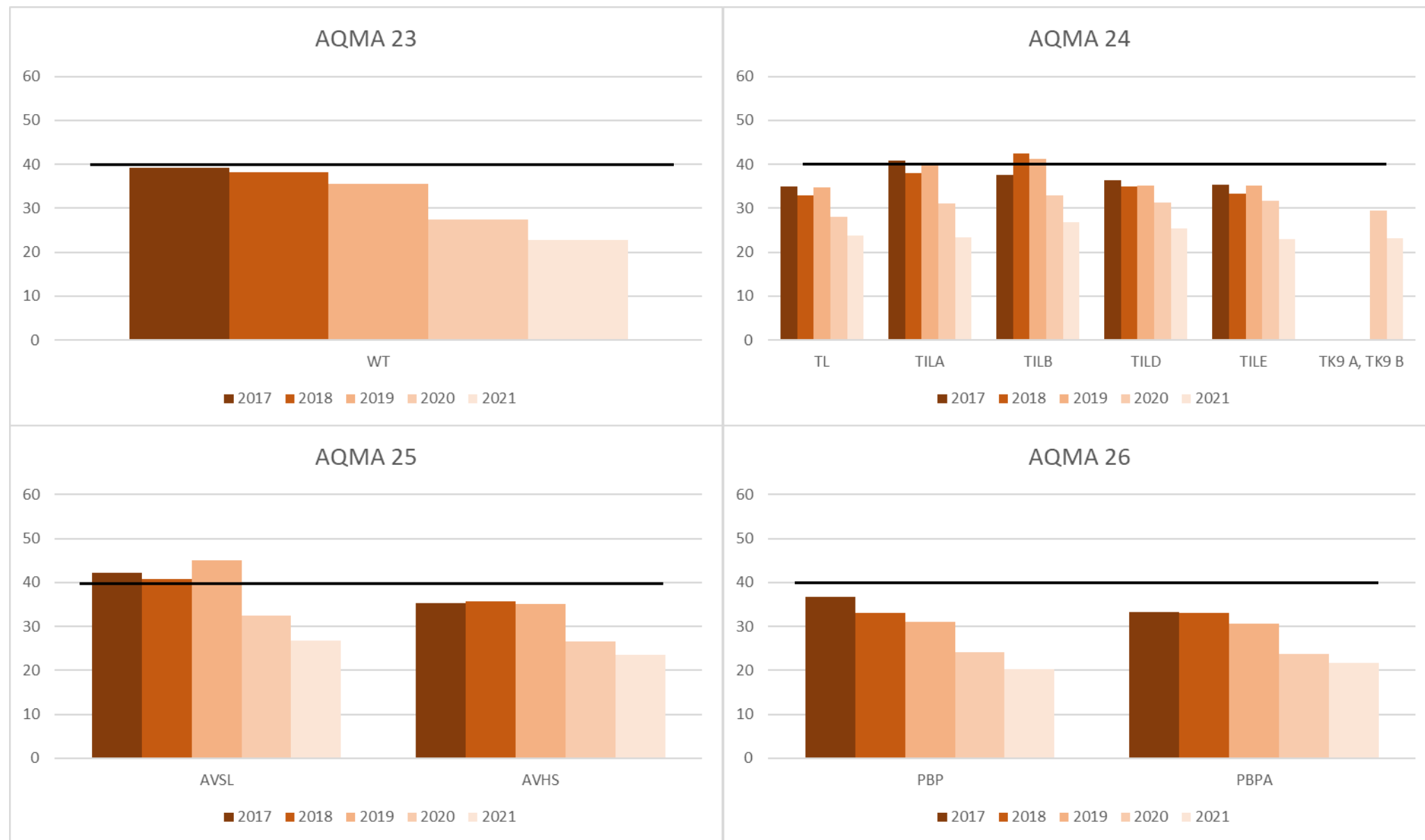


Figure A. 6 - Trends in Annual Mean NO₂ Concentrations – Passive Monitoring Sites outside AQMAs

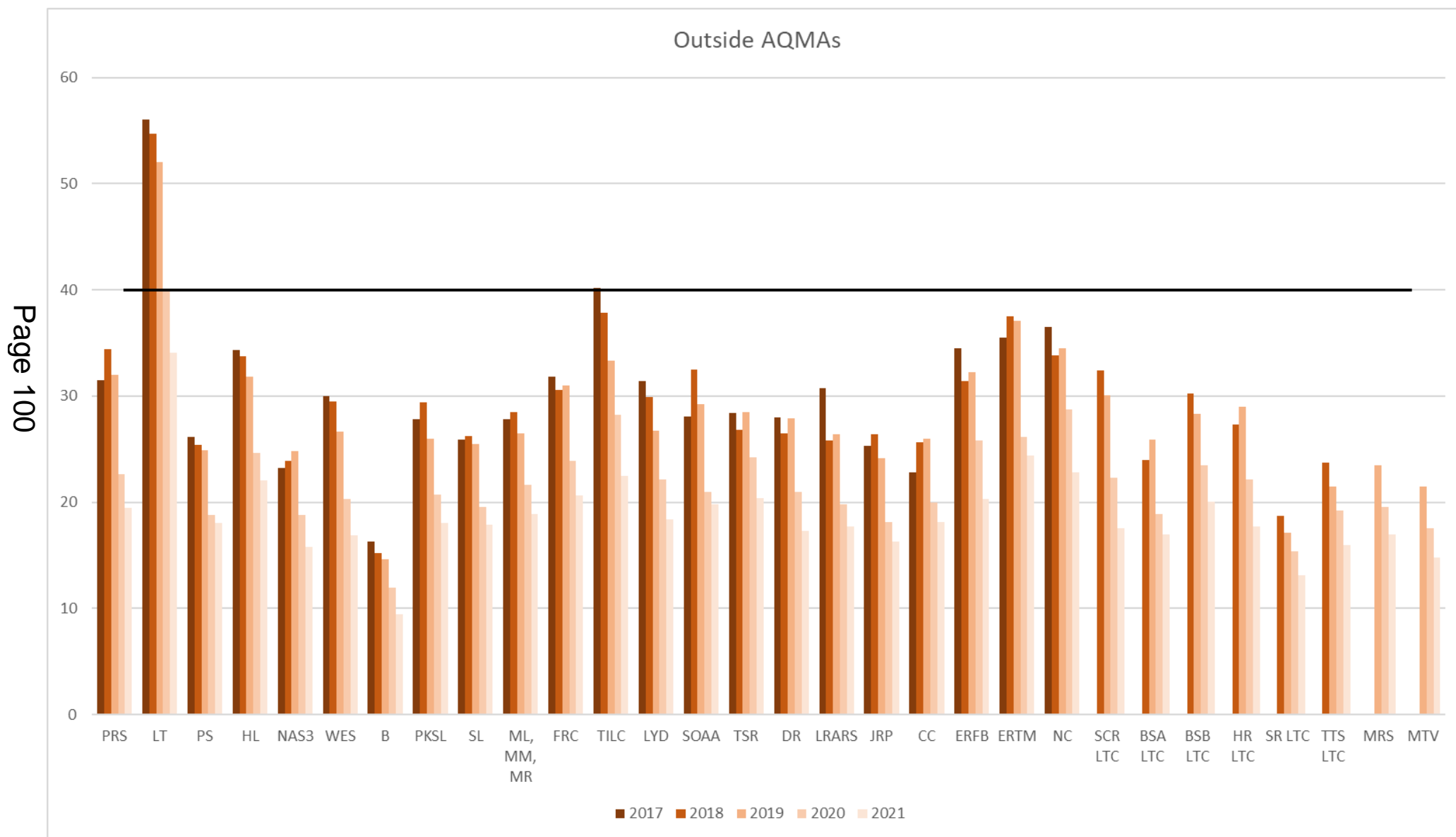


Table A.5 – 1-Hour Mean NO₂ Monitoring Results, Number of 1-Hour Means > 200µg/m³

Site ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) ⁽¹⁾	Valid Data Capture 2021 (%) ⁽²⁾	2017	2018	2019	2020	2021
Thurrock 1	561066	177894	Urban Background	97.6	97.6	0	0	0	0	0
Thurrock 3	569358	182736	Roadside	99.1	99.1	0	0	0	0	0
Thurrock 8	556701	177932	Roadside	87.9	87.9	2	0	1	0	0
Thurrock 9	563489	176497	Roadside	94.2	94.2	N/A	N/A	N/A	N/A	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.7 – Trends in Number of NO₂ 1-Hour Means > 200µg/m³

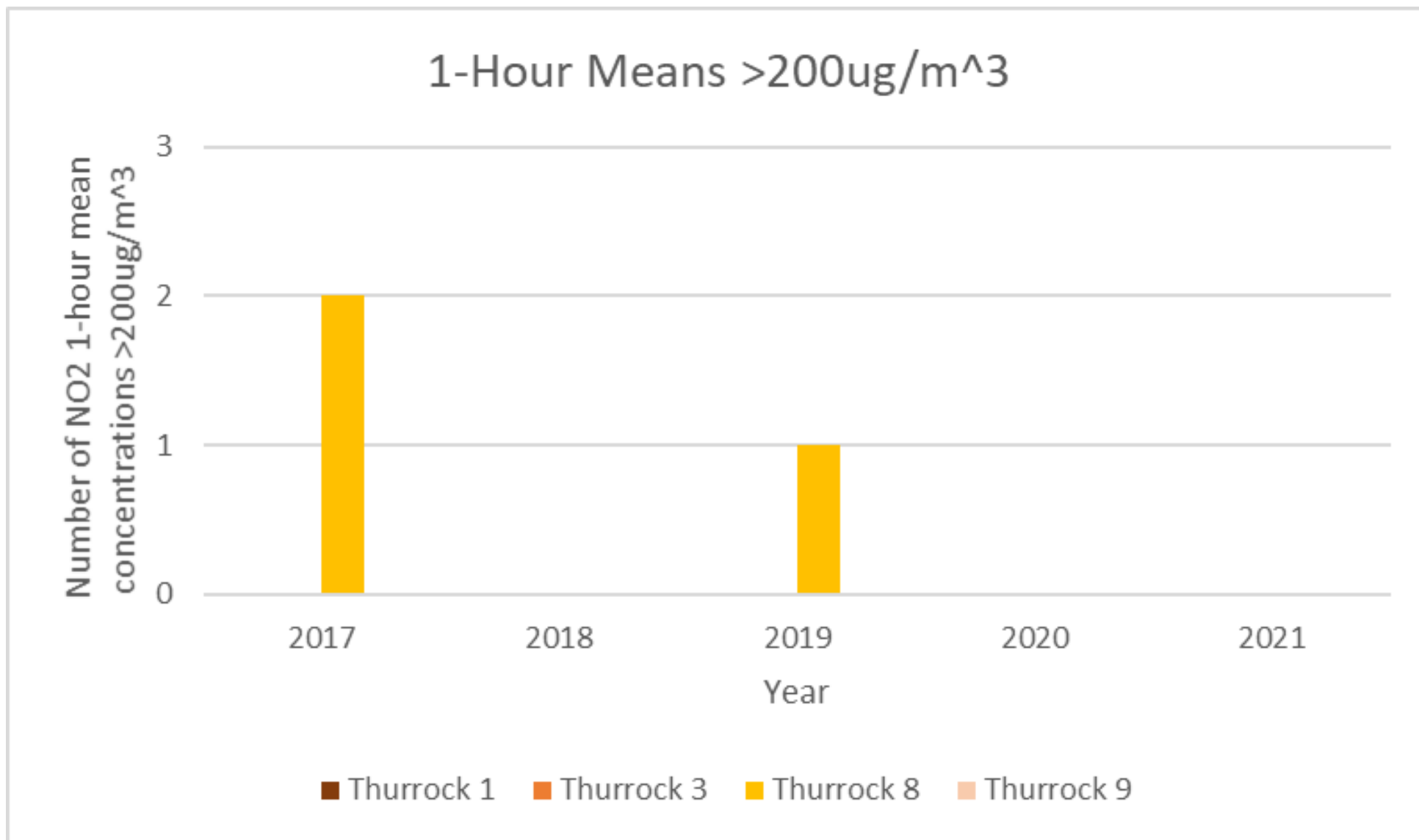


Table A.6 – Annual Mean PM₁₀ Monitoring Results (µg/m³)

Site ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) ⁽¹⁾	Valid Data Capture 2021 (%) ⁽²⁾	2017	2018	2019	2020	2021
Thurrock 1	561066	177894	Urban Background	88.5	88.5	18.1	18.9	20.5	18.6	17.1
Thurrock 3	569358	182736	Roadside	86.0	86.0	18.6	18.4	17.4	16.7	16.8
Thurrock 8	556701	177932	Roadside	89.9	89.9	24.9	26.7	23.2	23.5	22.1

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.

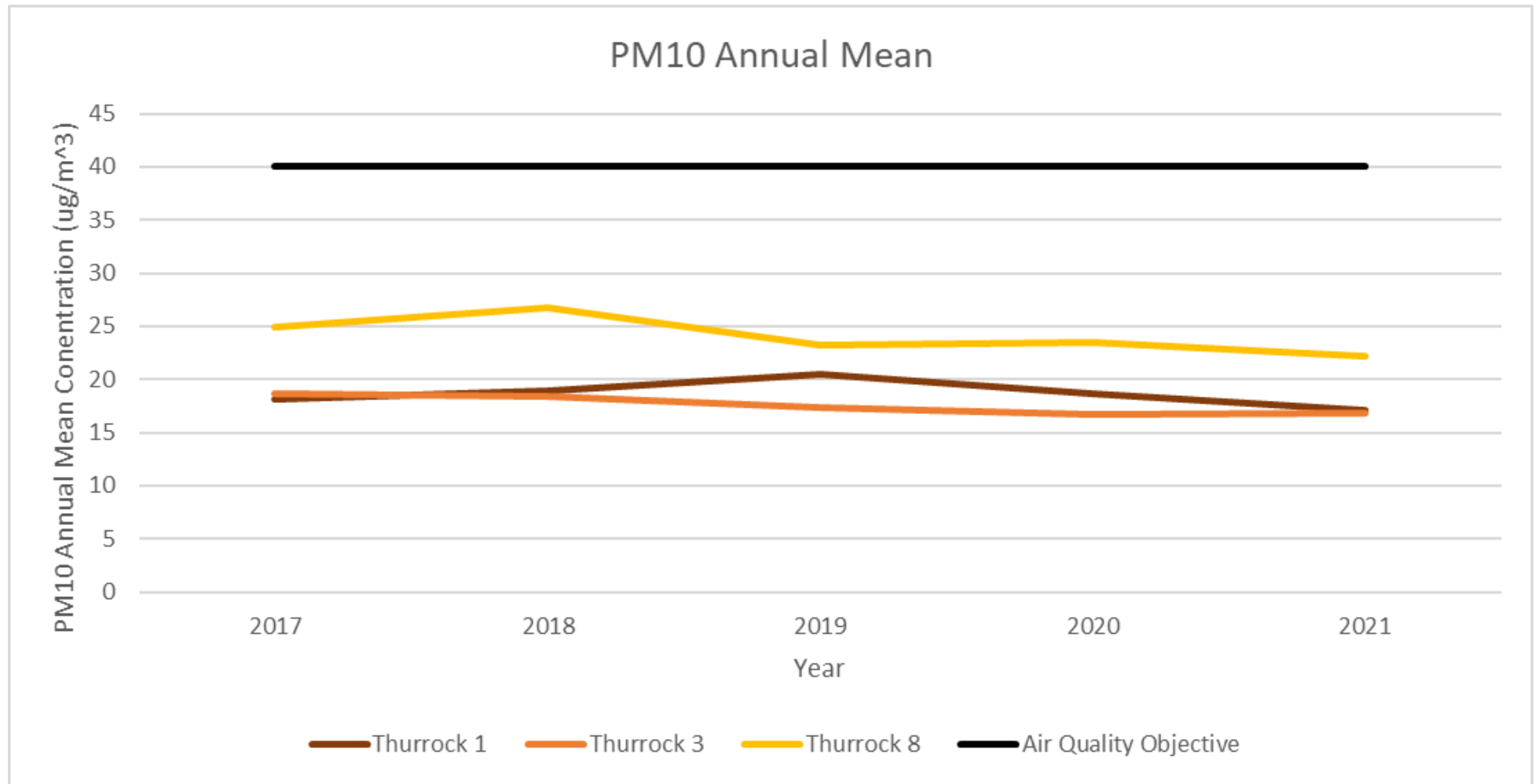
Exceedances of the PM₁₀ annual mean objective of 40µg/m³ are shown in **bold**.

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.8 – Trends in Annual Mean PM₁₀ Concentrations



Page 104

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 2021 (%) ⁽²⁾	2017	2018	2019	2020	2021
Thurrock 1	561066	177894	Urban Background	88.5	88.5	5	4	14	9	1
Thurrock 3	569358	182736	Roadside	86.0	86.0	5 (35)	3 (34)	10	5 (30.4)	2
Thurrock 8	556701	177932	Roadside	89.9	89.9	12	16	15	9	6

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

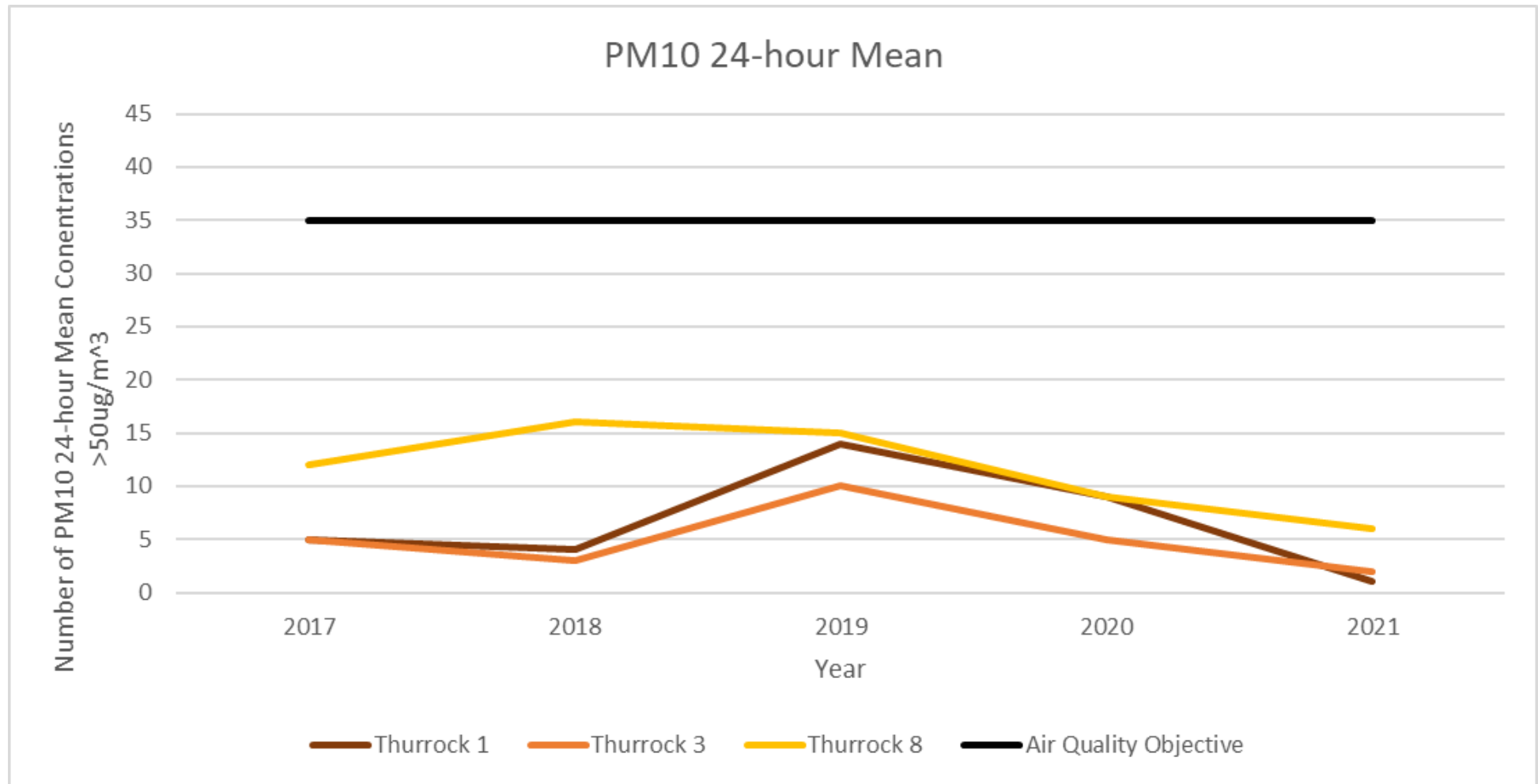


Table A.8 – Annual Mean PM_{2.5} Monitoring Results (µg/m³)

Site ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) ⁽¹⁾	Valid Data Capture 2021 (%) ⁽²⁾	2017	2018	2019	2020	2021
Thurrock 3	569358	182736	Roadside	96.2	96.2	11.1	10.1	11.6	11.6	11.8
Thurrock 9	563489	176497	Roadside	96.9	96.9	N/A	N/A	N/A	N/A	10.8

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.10 – Trends in Annual Mean PM_{2.5} Concentrations

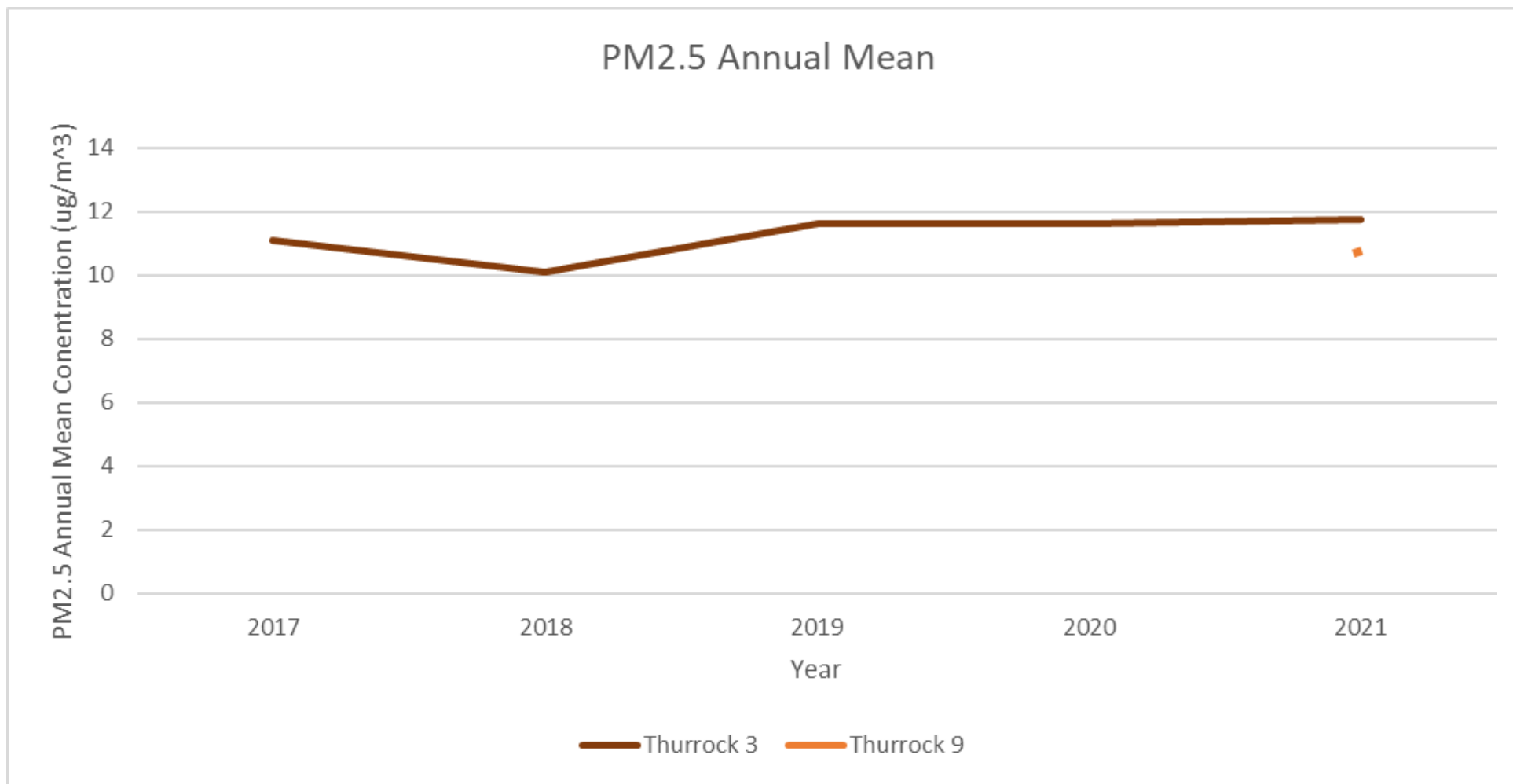


Table A.9 – SO₂ 2020 Monitoring Results, Number of Relevant Instances

Site ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) ⁽¹⁾	Valid Data Capture 2021 (%) ⁽²⁾	Number of 15-minute Means > 266µg/m ³	Number of 1-hour Means > 350µg/m ³	Number of 24-hour Means > 125µg/m ³
Thurrock 1	561066	177894	Urban Background	97.4	97.4	0	0	0

Table A.10 - SO₂ 2021 Monitoring Results, Number of Relevant Instances

Site ID	X OS Grid Ref (Easting)	Y OS Grid Ref (Northing)	Site Type	Valid Data Capture for Monitoring Period (%) ⁽¹⁾	Valid Data Capture 2021 (%) ⁽²⁾	Number of 15-minute Means > 266µg/m ³	Number of 1-hour Means > 350µg/m ³	Number of 24-hour Means > 125µg/m ³
Thurrock 1	561066	177894	Urban Background	97.4	97.4	0	0	0

Notes:

Results are presented as the number of instances where monitored concentrations are greater than the objective concentration.

Exceedances of the SO₂ objectives are shown in **bold** (15-min mean = 35 allowed a year, 1-hour mean = 24 allowed a year, 24-hour mean = 3 allowed a year).

If the period of valid data is less than 85%, the relevant percentiles are 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%).

Appendix B: Full Monthly Diffusion Tube Results for 2020 and 2021

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

DT ID	X OS Grid Ref (Easting)	Y OS 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 (0.81)	Annual Mean: Distance Corrected to Nearest Exposure	Comment
LRAR	555301	179438	60.3	47.3	43.7	32.1	37.4	38.8	35	45	53.2	48	47.7	55.3	45.3	36.7	27.5	
PRS	555389	178145	29.4	26.3	27.3	29.6	24.6	26.4	22.4	25.9	32.6	25.4	33.8	31.3	27.9	22.6	-	
WC	556314	178765	39.3	36.8	36.8	33.8	30.2	38.5	29.8	36.8	38.9	41.5	41	35.9	36.6	29.7	-	
JC	556701	177937	56.1	44.8	44.4	45.4	37.8	40.3	37.6	46.8	50.2	52.4	49.2	49.7	46.2	37.4	-	
IBIS	557570	177789	58.3	53.6	MISSING	MISSING	MISSING	38.9	37.6	43.3	41	51.8	48	43.6	46.2	37.4	-	
GDSO	557595	181060	33.8	29.5	22.1	18.1	15.7	17.9	19.6	21	25.8	27.2	30.4	MISSING	23.7	19.2	-	
LT	557981	178700	60.8	65.6	48.2	30.3	30	40.6	45.8	53.5	55.4	61.3	57.8	42.1	49.3	39.9	-	
KCNO	558148	183532	43	34.3	24.5	16.8	15.7	20.9	26.2	24.6	29.5	27.2	32.2	29	27	21.9	-	
WT	558483	177678	43	43.2	31.7	29.2	23.5	27.7	27.7	30	MISSING	40.1	41.1	36	33.9	27.5	-	
HR	559118	179462	32.4	31.9	26.8	24.8	19.8	19.8	24.5	25	32.3	29.5	32.6	28.7	27.4	22.2	-	
NAS2	559720	179630	46.6	60.1	47.6	37.1	38.9	44.5	39.2	47.1	44.7	52.5	54.6	44.5	46.4	37.6	30.1	
LRSS	559785	177910	44.5	41.4	26.5	24.7	17.1	21.2	20.4	23.7	28.2	32.9	41.9	37.8	30	24.3	-	
LRG	560624	177811	42.1	35.2	35.2	30.7	24.2	27.5	24.9	27.2	30.9	32.8	41.5	38.3	32.6	26.4	-	
ER	560954	179535	62	48.7	42.1	38.6	38.9	41.3	47	47	54.2	MISSING	48.8	48.8	47	38.1	32.7	
PS	561066	177894	31.6	26.6	22.8	21.2	16	17.5	17.8	20.2	25.3	26	28.6	24.4	23.2	18.8	-	
HL	561108	178922	37.6	33.4	27.4	23.4	23.1	25.3	25.8	28.1	31.9	34.7	37.3	36	30.3	24.6	-	
NAS1	561469	178063	34.2	27.9	24.4	30.9	25.1	27.5	21.9	27.7	31.8	29	36.9	32.4	29.1	23.6	-	
CR	561572	178154	41.3	32.3	27.6	20.9	20.4	24.8	22.7	27.5	30.5	33.7	40.8	33	29.6	24	-	
SRG	561685	177833	37.6	33.7	29.7	23.8	19.5	22.1	19.8	25.4	29.8	29.7	36.6	32.7	28.4	23	-	
NAS3	561830	179878	31.3	28.4	MISSING	21.2	14	18.1	17.3	16.4	22.4	25.1	30.3	30.4	23.2	18.8	-	
WES	561958	180967	30.5	29.7	23	22.3	16.7	20.4	21.7	20	29.8	27.5	32.1	26.2	25	20.3	-	
B	563855	184772	22.3	17.5	13.1	11.3	8.2	11.7	10.8	11.8	14.5	15.9	22.1	17.2	14.7	11.9	-	
TL	563867	176293	MISSING	30.6	26.9	27.6	MISSING	33.7	33.1	30.7	41.5	MISSING	46.5	MISSING	33.8	28	-	
PKSL	567781	182400	29.1	30.9	22.7	21.3	18.4	22.4	23.6	22.7	26.7	30.3	33.5	24.8	25.5	20.7	-	
SL	568501	182459	33.4	26.3	22.4	21.2	16.9	20.3	21.6	20	24.8	27	30.3	25.2	24.1	19.5	-	
ML	569357	182737	33.1	29.4	26.1	26.9	23.4	22.2	22.7	22.6	28.7	28.3	31.9	26.9	-	-	-	Triplicate Site with ML, MM and MR - Annual data provided for MR only
MM	569357	182737	30.2	27.6	26.5	26.8	22.9	22.8	22.1	24.6	30.3	27.7	33.4	26.9	-	-	-	Triplicate Site with ML, MM and MR - Annual data provided for MR only
MR	569357	182737	29.6	25.7	26.7	27	23	22.6	22.6	24.3	29.2	27.9	31.8	26.7	26.7	21.6	-	Triplicate Site with ML, MM and MR - Annual data provided for MR only
FRC	559136	179084	39.7	33.6	29.4	22.4	21.8	23.6	21.1	27.5	32.4	32	38.9	31.5	29.5	23.9	-	
TILA	563498	176483	48.8	48.4	29.3	29.2	30.4	37.7	33.1	32.9	37.4	47.8	46.7	38.8	38.4	31.1	-	
TILB	563645	176348	MISSING	46.7	34.8	38	32.1	38.2	34.9	38	44.7	52.3	45.2	41	40.5	32.8	-	
TILC	563600	176321	41	36.3	31.1	29.4	27	36.7	30.9	33.8	36.6	BAD DATA	41.1	38.7	34.8	28.2	-	
TILD	563995	176291	38.7	38	35.4	33.8	31.8	36.1	MISSING	MISSING	MISSING	46.5	48	39.6	38.7	31.3	-	

DT ID	X OS Grid Ref (Easting)	Y OS 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 (0.81)	Annual Mean: Distance Corrected to Nearest Exposure	Comment
TILE	563870	176305	45.9	37.8	32	32.9	30.9	37.8	38.3	34.4	45	48.5	48.2	38.4	39.2	31.7	-	
TK9 A	563489	176497		35.5	32.8	31.9	31.3	39.2	37.9	34.9	38.4	43.8	43	32.2	-	-	-	Duplicate Site with TK9 A and TK9 B - Annual data provided for TK9 B only
TK9 B	563489	176497		34.6	28.5	32	30.9	38.8	38.5	35.1	38.3	48.7	41.9	31.5	36.4	29.4	-	Duplicate Site with TK9 A and TK9 B - Annual data provided for TK9 B only
PBP	556257	178438	40.5	37.7	28.1	25.4	20.3	25.9	24	26.1	31.3	32.8	MISSING	34.5	29.7	24.1	-	
PBPA	556221	178461	34.1	31.4	27.4	29.2	21.8	24.7	24	26.8	32.8	29.7	36.5	34.6	29.4	23.8	-	
LYD	560057	179873	35.2	32.4	27.1	25.4	19.6	23.4	21	24	27.7	28.8	34	29.4	27.3	22.1	-	
AVSL	556713	180167	53.8	44.2	35.1	27.8	29.2	38.6	29	40.2	45	45.5	50.4	42.2	40.1	32.5	-	
AVHS	556661	180180	40.5	31.6	28.7	29.6	25.9	31.3	22.8	34.3	36.3	32.8	40.9	38.3	32.7	26.5	-	
SOAA	558785	182323	MISSING	34	22.8	19.4	14.8	21.4	22.2	23.3	27.9	29.7	35.9	33.2	25.9	21	-	
TSR	564122	176152	33.2	30.7	22.8	27.2	23.1	30.3	27.3	25.2	MISSING	38.1	40.5	29.6	29.8	24.2	-	
DR	560279	178944	34.9	31.3	25.1	22.9	18.6	19.8	19.7	21.6	25.3	29	32.7	29.6	25.9	21	-	
LRARN	555286	179501	41	37.6	31.6	24	22	25.6	20.4	29.1	32.8	22.4	34.8	35.5	29.7	24.1	-	
LRARS	555357	179362	32.7	26.2	22.4	19	18.1	19.8	18.9	24	25.9	25.1	32.3	28.4	24.4	19.8	-	
LRARMN	555299	179453	39.8	37.9	32.9	28.9	25.7	27.9	27.2	32.6	35.5	33.3	41.8	29.9	32.8	26.6	-	
LRARMS	555329	179397	41.7	32	29.8	26.3	24.3	27.5	24.7	31.7	34.2	29.2	38.9	36.2	31.4	25.4	-	
JRP	556384	178001	29.2	23.3	22	23	16.5	19.5	14.9	21.3	22.1	20.7	30.6	25.5	22.4	18.1	-	
ACHL	561093	178974	52.2	39.4	MISSING	31.4	23.9	26.4	27.3	28	33.9	33.3	42.3	37.9	34.2	27.7	-	
CC	560770	179866	34.8	25.4	25.1	23.5	19.7	19	18.8	21.4	26.2	26.7	29.8	25.2	24.6	20	-	
ERFA	560962	179527	40.1	28.8	26.5	23.9	21.7	25.3	26.8	27.6	31.9	31.8	37.9	30.2	29.4	23.8	-	
ERFB	560963	179558	40.6	31	26.8	26.3	24.2	28.8	31.9	31.5	35.9	38	36.5	31.3	31.9	25.8	-	
ERTM	560965	179796	19.4	36.7	32.7	24.1	29.8	30.1	27.3	33.6	37.9	35.1	42	38.2	32.2	26.1	-	
NC	561077	179912	47	46.4	30.3	25.2	22.6	27.8	33.4	31.8	39.4	43	40.9	38	35.5	28.7	-	
HD	560003	179694	39.5	32.5	31.7	29.6	24.9	25.1	26.9	29.5	36.6	35.7	34.1	32.2	31.5	25.5	-	
GRPL	559551	179547	38	37.4	32.8	26.3	21.8	22.9	27.8	26.1	33.8	31.1	34.9	28.7	30.1	24.4	-	
PIH	557299	178802	29.1	26.9	28.8	30.3	26.2	26.6	20.3	29	32	MISSING	MISSING	47.9	29.7	24.1	-	
WCFA	556290	178749	34.7	27.9	28.4	31.6	24.3	30.2	23.1	25.9	32.1	30.4	37.5	35.5	30.1	24.4	-	
THA	557386	179065	35.4	28.3	32.8	33.2	26.4	31.5	19.7	29.6	27.4	23.1	34.5	33.6	29.6	24	-	
THB	557437	179099	36.4	32	29.5	30.9	25.3	28.1	19.2	29.2	29.9	31.3	33.8	36	30.1	24.4	-	
SCR LTC	562383	181157	36.4	34.2	24.2	21.3	16.4	24.6	22.7	25.9	27.1	32.7	33.7	31.1	27.5	22.3	-	
BSA LTC	563486	181070	33.3	26.8	19.9	18.9	14.1	20.3	17.8	20.3	23.6	25.8	32.5	26.3	23.3	18.9	-	
BSB LTC	563574	180770	40.2	29.5	26.7	26	21.9	25	23.9	26.5	31.6	31	36.5	29.9	29	23.5	-	
HR LTC	563785	180157	39.8	33.1	22.8	20.3	18	24.1	21.4	23.4	28.7	30	36.5	29.9	27.3	22.1	-	
SR LTC	567351	177555	21	34.2	17.5	17.6	13.6	14	15.5	15.1	18.7	21	24.1	16.5	19.1	15.4	-	
TTS LTC	563828	179597	30.6	29	19.6	20.7	17	20.4	16.1	19.7	23.6	27.7	33.5	26.2	23.7	19.2	-	
MRS	562413	177747	30.2	25.5	21.6	25.3	17.3	20.3	15.6	19.1	24	26.6	33	29.9	24	19.5	-	
MTV	562615	177774	27.1	22.4	20	20.5	14.8	18.5	15.2	17.8	21.8	25	29.5	26.3	21.6	17.5	-	

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**
- Thurrock 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 40µg/m³ are shown in **bold**.

NO₂ annual means exceeding 60µg/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.

Table B.2 – NO₂ 2021 Diffusion Tube Results (µg/m³)

DT ID	X OS Grid Ref (Easting)	Y OS 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 (0.84)	Annual Mean: Distance Corrected to Nearest Exposure	Comment
LRAR	555301	179438	44.7	42.3	28.7	35.7	29.7	33.8	34.7	28.4	42.4	39.8	44.4	34.7	36.6	30.8		
PRS	555389	178145	29.2	29.3	22.1	24.5	19.4	19.9	21.0	16.6	25.7	21.4	26.6	21.8	23.1	19.4		
WC	556314	178765	39.6	35.0	30.6	29.8	26.3	27.3	20.5	22.4	26.4	30.8	37.5	28.2	29.5	24.8		
JC	556701	177937	45.0	41.2	37.0	35.7	37.2	38.6	34.0	32.6	39.4	38.5	45.1	33.8	38.2	32.1		
IBIS	557570	177789	43.4	37.6	26.8	28.9	29.6	30.7	28.2	31.8	34.7	40.5	45.3	34.8	34.4	28.9		
GDSO	557595	181060	27.9	20.1	29.3	16.6	15.7	14.2	15.1	14.6	16.9	22.0	27.3	20.2	20.0	16.8		
LT	557981	178700	54.2	38.8	26.3	38.1	34.1	39.0	35.9	42.0	42.0	44.0	51.5	41.4	40.6	34.1		
KCNO	558148	183532	30.3	21.8	20.8	16.0	18.1	15.7	16.3	18.2	17.3	23.3	31.2	23.0	21.0	17.7		
WT	558483	177678	39.0	30.2	BAD DATA	27.8	23.9	24.3	MISSING	23.4	30.5	32.1	35.3	30.0	27.0	22.6		
HR	559118	179462	29.4	22.6	41.1	21.8	18.8	18.9	16.8	20.0	22.4	26.1	32.8	25.5	24.7	20.7		
NAS2	559720	179630	46.5	38.0	26.5	31.1	33.0	21.1	28.5	32.3	37.0	39.5	47.3	37.6	34.9	29.3		
LRSS	559785	177910	39.1	35.2	25.8	28.9	26.9	31.1	25.1	29.0	32.4	30.7	38.8	29.7	31.1	26.1		
LRG	560624	177811	41.5	29.3	23.3	MISSING	48.6	25.5	24.5	21.0	29.6	29.9	34.8	27.5	30.5	25.6		
ER	560954	179535	45.0	40.9	32.3	37.1	31.3	35.7	31.6	29.7	36.9	34.8	44.6	36.3	36.3	30.5		
PS	561066	177894	26.3	20.9	25.2	17.5	15.9	14.8	MISSING	30.6	19.9	18.6	26.0	20.1	21.4	18.0		
HL	561108	178922	37.7	30.0	39.8	21.4	18.5	21.8	20.2	17.8	24.7	25.5	30.6	26.9	26.2	22.0		
NAS1	561469	178063	33.5	30.1	32.1	25.2	22.1	23.2	22.5	17.0	27.5	23.9	26.9	26.0	25.8	21.7		
CR	561572	178154	35.1	28.9	27.7	21.2	22.5	MISSING	MISSING	19.8	25.7	25.0	31.8	26.1	26.4	22.2		
SRG	561685	177833	33.5	27.3	32.8	22.7	20.0	21.3	21.3	17.3	27.4	25.5	32.7	23.8	25.5	21.4		
NAS3	561830	179878	27.7	22.6	25.2	15.9	15.1	13.1	12.4	10.4	18.0	20.3	25.4	19.8	18.8	15.8		
WES	561958	180967	28.3	21.9	BAD DATA	13.2	18.4	18.4	15.6	14.9	20.5	21.2	27.6	20.4	18.4	15.4		
B	563855	184772	18.7	13.5	12.1	8.6	10.3	8.7	7.7	6.7	10.7	10.6	14.4	13.0	11.3	9.5		
TL	563867	176293	40.4	34.7	30.0	23.4	29.1	23.4	24.4	21.7	29.9	MISSING	MISSING	26.3	28.3	23.8		
PKSL	567781	182400	27.8	23.9	24.0	18.7	19.1	20.2	16.8	16.6	21.6	21.1	27.2	20.9	21.5	18.1		
SL	568501	182459	28.1	22.8	26.1	14.2	16.7	MISSING	MISSING	15.2	20.6	20.9	26.6	21.0	21.2	17.8		
ML	569357	182737	28.5	24.8	18.8	21.0	21.0	19.5	18.3	14.2	21.3	22.4	29.0	22.5	21.8	18.3		Triplicate Site with ML, MM and MR - Annual data provided for MR only
MM	569357	182737	29.9	24.3	19.2	21.9	21.2	19.3	18.1	15.6	23.0	21.2	28.8	22.2	22.1	18.5		Triplicate Site with ML, MM and MR - Annual data provided for MR only
MR	569357	182737	30.4	24.5	43.9	22.8	17.0	18.5	18.0	15.2	22.9	20.6	27.4	22.4	23.6	19.8		Triplicate Site with ML, MM and MR - Annual data provided for MR only
FRC	559136	179084	30.0	27.0	28.4	22.1	19.5	20.3	17.0	17.8	24.6	27.5	32.9	27.2	24.5	20.6		
TILA	563498	176483	42.0	31.4	34.3	21.8	MISSING	21.7	21.6	21.3	27.2	MISSING	MISSING	29.0	27.8	23.4		
TILB	563645	176348	42.1	36.1	35.1	24.1	30.8	25.8	30.5	21.8	32.8	34.0	35.5	33.7	31.8	26.8		
TILC	563600	176321	34.0	32.9	31.3	20.8	25.6	20.1	22.7	17.4	26.4	30.1	33.3	26.4	26.7	22.5		
TILD	563995	176291	39.8	MISSING	31.5	MISSING	29.7	25.2	24.4	19.5	28.5	MISSING	MISSING	30.6	28.6	24.1		
TILE	563870	176305	MISSING	17.4	32.6	24.3	29.8	23.8	25.4	17.8	30.5	27.2	38.5	31.7	27.2	22.8		

DT ID	X OS Grid Ref (Easting)	Y OS 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 (0.84)	Annual Mean: Distance Corrected to Nearest Exposure	Comment
TK9A	563489	176497	39.4	31.3	23.2	19.8	27.6	20.3	23.3	21.4	27.5	30.8	32.2	29.3	27.2	22.8		Duplicate Site with TK9 A and TK9 B - Annual data provided for TK9 B only
TK9B	563489	176497	39.5	31.7	33.3	22.0	26.8	21.0	24.1	21.2	28.8	26.6	31.5	26.9	27.8	23.3		Duplicate Site with TK9 A and TK9 B - Annual data provided for TK9 B only
PBP	556257	178438	36.0	MISSING	23.5	24.5	21.1	18.0	19.5	16.1	24.7	26.5	32.5	23.8	24.2	20.3		
PBPA	556221	178461	32.2	28.1	26.4	20.2	22.4	18.9	38.2	15.8	25.3	28.6	31.6	21.6	25.8	21.6		
LYD	560057	179873	28.9	24.1	24.2	19.1	18.3	17.8	16.9	15.4	22.2	24.4	27.7	22.9	21.8	18.3		
AVSL	556713	180167	40.4	35.5	27.0	26.7	29.6	32.1	22.0	25.1	35.3	34.4	42.4	32.8	31.9	26.8		
AVHS	556661	180180	33.4	34.0	24.9	25.4	24.9	25.9	29.4	21.3	30.6	30.7	29.6	25.2	27.9	23.5		
SOAA	558785	182323	29.9	28.4	27.5	16.0	19.0	MISSING	17.0	16.4	22.9	28.6	29.8	24.0	23.6	19.8		
TSR	564122	176152	34.5	26.8	26.9	19.6	27.3	20.8	18.0	14.6	24.3	23.9	31.3	22.7	24.2	20.3		
DR	560279	178944	29.3	24.3	26.6	18.0	17.5	15.3	14.5	13.5	17.9	21.7	26.2	21.9	20.6	17.3		
LRARN	555286	179501	31.3	29.8	28.5	20.0	22.0	21.5	22.3	21.2	26.0	28.4	32.6	31.1	26.2	22.0		
LRARS	555357	179362	25.4	21.4	29.5	17.3	17.9	17.2	MISSING	14.1	20.4	21.6	26.8	20.1	21.1	17.7		
LRARMN	555299	179453	35.8	30.2	36.1	26.9	24.8	25.2	23.6	19.8	29.8	29.5	32.4	27.5	28.5	23.9		
LRARMS	555329	179397	31.4	27.7	47.7	22.6	22.8	26.0	23.2	19.3	29.0	27.4	35.0	25.8	28.2	23.7		
JRP	556384	178001	24.3	25.9	26.5	20.2	14.5	14.6	15.5	12.0	20.8	19.9	19.8	19.2	19.4	16.3		
ACHL	561093	178974	37.5	32.6	20.6	22.8	23.7	21.7	20.2	19.1	27.4	26.5	34.7	29.3	26.3	22.1		
CC	560770	179866	27.8	23.6	41.4	21.1	15.0	18.7	15.7	15.6	18.9	19.6	MISSING	20.5	21.6	18.2		
ERFA	560962	179527	30.3	25.1	27.1	18.9	19.7	17.9	18.5	17.5	21.8	24.5	29.7	23.8	22.9	19.2		
ERFB	560963	179558	30.7	25.8	23.9	20.9	23.9	22.8	15.8	21.5	22.5	26.7	31.4	23.5	24.1	20.3		
ERTM	560965	179796	34.0	33.0	30.8	26.9	26.0	27.9	23.8	23.6	30.9	29.0	34.7	28.0	29.0	24.4		
NC	561077	179912	36.5	28.9	22.8	20.5	24.8	22.8	27.1	21.8	26.7	29.3	36.4	28.2	27.2	22.8		
HD	560003	179694	33.8	26.4	24.0	25.1	22.8	26.1	20.2	20.4	25.8	26.7	32.9	26.6	25.9	21.8		
GRPL	559551	179547	31.5	26.0	24.5	21.5	MISSING	42.7	17.5	18.7	19.4	26.4	32.9	27.1	26.2	22.0		
PIH	557299	178802	23.1	31.8	21.5	26.5	MISSING	45.4	38.3	45.3	45.0	24.1	78.8	MISSING	38.0	31.9		
WCF	556290	178749	39.6	35.0	30.6	29.8	26.3	27.3	20.5	22.4	26.4	30.8	37.5	28.2	29.5	24.8		
THA	557386	179065	MISSING	33.2	31.6	24.9	21.9	19.1	20.9	15.8	MISSING	25.0	23.4	20.0	23.6	19.8		
THB	557437	179099	28.7	33.5	31.6	24.6	22.6	22.3	20.8	17.1	27.4	25.6	24.0	22.5	25.0	21.0		
SCR LTC	562383	181157	30.6	24.0	16.6	16.6	19.6	17.6	17.9	16.3	14.1	25.2	28.6	23.8	20.9	17.6		
BSA LTC	563486	181070	26.8	22.9	27.5	15.4	16.4	15.3	19.8	12.3	19.6	21.7	24.4	20.6	20.2	17.0		
BSB LTC	563574	180770	30.8	25.9	23.3	23.5	22.7	20.6	21.2	17.1	24.9	23.8	29.6	23.1	23.9	20.1		
HR LTC	563785	180157	31.0	25.5	22.0	15.4	18.3	16.2	15.6	14.9	21.0	23.7	27.5	22.3	21.1	17.7		
SR LTC	567351	177555	21.0	MISSING	23.7	11.5	9.2	11.1	MISSING	8.3	23.3	13.3	18.8	MISSING	15.6	13.1		
TTS LTC	563828	179597	27.1	MISSING	23.8	15.9	14.5	13.9	17.3	11.9	18.7	20.1	24.0	21.8	19.0	16.0		
MRS	562413	177747	28.6	24.4	25.7	16.3	15.8	13.7	11.6	MISSING	18.9	20.0	25.8	21.4	20.2	17.0		
MTV	562615	177774	24.6	22.4	19.8	14.9	15.4	13.0	12.1	10.7	16.5	18.9	24.5	18.7	17.6	14.8		

Page 114

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

Notes:

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

NO₂ annual means exceeding 60µg/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 Thurrock Borough Council During 2021

Thurrock Borough Council has not identified any new sources relating to air quality within the reporting year of 2021.

There have been a number of developments over the 2021 reporting year that have required Air Quality Assessments. All have been found to have a “negligible” or “not significant” after mitigation where necessary.

Additional Air Quality Works Undertaken by Thurrock Borough Council During 2021

Thurrock Borough Council has not completed any additional works within the reporting years of 2021.

QA/QC of Diffusion Tube Monitoring

All diffusion tubes during the 2021 reporting year were from Gradko and used a mixture of 20% TEA in water method. Gradko International Ltd is a UKAS accredited laboratory. Gradko participates in the [AIR Proficiency Testing \(PT\) scheme for diffusion tubes](#), operated by LGC Standards and supported by the Health and Safety Laboratory (HSL), which provides a Quality Assurance / Quality Control (QA/QC) framework for local authorities carrying out diffusion tube monitoring as a part of their local air quality management process. The percentage of results submitted by Gradko International Ltd that were subsequently determined to be satisfactory was 100% for tests in AIR-PT rounds 43, 45 and 46. For AIR-PT Round 42 (January-February 2021), 25% of results were submitted which were subsequently determined to be satisfactory.

Diffusion Tube Annualisation

In 2021, data capture for the majority of diffusion tube sites was greater than 75%, with the exception of Site TILD.

The data for this site was therefore annualised using DEFRA's 'Diffusion Tube Data Processing Tool V1.1', in accordance with the methodology stipulated in LAQM.TG16.

The AURN background sites used for annualisation were Thurrock London Road - Grays (Urban Background), and London Eltham (Suburban Background). Both sites had annual data capture of >85% and were within 50 miles radius of Thurrock.

An annualisation summary is presented in Table C.2.

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.

Thurrock Borough Council have applied a national bias adjustment factor of 0.84 to the 2021 monitoring data, in keeping with previous years. A summary of bias adjustment factors used by Thurrock Borough Council over the past five years is presented in Table C.1.

Table C.1 – Bias Adjustment Factor

Year	Local or National	If National, Version of National Spreadsheet	Adjustment Factor
2021	National	Jun-21	0.84
2020	National	Jun-21	0.81
2019	National	Jun-21	0.91
2018	National	Mar-19	0.93
2017	National	Mar-18	0.89

NO₂ Fall-off with Distance from the Road

Wherever possible, local authorities should ensure that monitoring locations are representative of exposure. However, where this is not possible, the NO₂ concentration at the nearest location relevant for exposure should be estimated using the Diffusion Tube Data Processing Tool/NO₂ fall-off with distance calculator available on the LAQM Support website. Where appropriate, non-automatic annual mean NO₂ concentrations corrected for distance are presented in Table B.1.

Fall-off-with-distance calculations were required at 6 non-automatic monitoring sites in 2020. Distance correction should be considered at any monitoring site where the annual mean concentration is greater than 36µg/m³ and the monitoring site is not located at a point of relevant exposure. Taking the limitations of the calculator into account, 3 sites could not be processed due to being located >50m from relevant exposure, or the relevant exposure being located on the other side of the road. Outputs from the Diffusion Tube Data Processing Tool are presented in Table C.6.

Fall-off-with-distance calculations were required at 0 non-automatic monitoring sites in 2021. Outputs from the Diffusion Tube Data Processing Tool are presented in Table C.7.

QA/QC of Automatic Monitoring

There are a number of different organisations responsible for carrying out QA/QC at various stations and equipment at Thurrock's automatic monitoring sites.

For TK1 & 3, the QA/QC is managed by Bureau Veritas (BV). For TK8 & 9, QA/QC is managed by the Environmental Research Group (ERG) at Imperial College London.

Calibrations for all sites are done every fortnight by Thurrock Council Environmental Health Officers & the Air Quality Officer.

All data can be viewed online via the [LAQN website](#).

PM₁₀ and PM_{2.5} Monitoring Adjustment

PM₁₀ monitoring conducted at the all sites was measured using Beta Attenuation Monitors (BAMs).

Automatic Monitoring Annualisation

All automatic monitoring locations within Thurrock Borough Council 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

Wherever possible, local authorities should ensure that monitoring locations are representative of exposure. However, where this is not possible, the NO₂ concentration at the nearest location relevant for exposure should be estimated using the NO₂ fall-off with distance calculator available on the LAQM Support website. Where appropriate, non-automatic annual mean NO₂ concentrations corrected for distance are presented in Table B.1.

Distance correction was not conducted at any sites for 2020 and 2021. The Thurrock 8 site reported an annual mean in exceedance of the NO₂ annual mean objective of 40µg/m³ in both 2020 and 2021, however the nearest exposure crosses a road source, therefore is outside of the parameters of the NO₂ fall-off with distance calculator.

Table C.2 – Annualisation Summary (concentrations presented in $\mu\text{g}/\text{m}^3$) - 2020

Site ID	Annualisation Factor Thurrock London Road (Grays) - Urban Background	Annualisation Factor London Bexley - Suburban Background	Annualisation Factor Rochester Stoke - Rural Background	Annualisation Factor London Eltham - Suburban Background	Average Annualisation Factor	Raw Data Annual Mean	Annualised Annual Mean	Comments
TL	1.0227	1.0202	1.0262	1.023	1.023	33.8	34.6	

Table C.3 – Annualisation Summary (concentrations presented in $\mu\text{g}/\text{m}^3$) - 2021

Site ID	Annualisation Factor Thurrock London Road (Grays) - Urban Background	Annualisation Factor Greenwich GR4 - Suburban Background	Average Annualisation Factor	Raw Data Annual Mean	Annualised Annual Mean	Comments	Site ID	Annualisation Factor Thurrock London Road (Grays) - Urban Background
TILD	1.0417	1.0649	1.0533	28.6	30.2		TILD	1.0417

Table C.4 – Local Bias Adjustment Calculation - 2020

	Local Bias Adjustment Input 1
Periods used to calculate bias	12
Bias Factor A	0.79 (0.75 - 0.84)
Bias Factor B	26% (19% - 33%)
Diffusion Tube Mean ($\mu\text{g}/\text{m}^3$)	26.7
Mean CV (Precision)	2.40%
Automatic Mean ($\mu\text{g}/\text{m}^3$)	21.2
Data Capture	99%
Adjusted Tube Mean ($\mu\text{g}/\text{m}^3$)	21 (20 - 22)

Notes:

The diffusion tube data was corrected using the National Bias Adjustment Factor of 0.81 to provide the most conservative approach, and in line with previous ASRs.

Table C.5 - Local Bias Adjustment Calculation - 2021

	Local Bias Adjustment Input 1	Local Bias Adjustment Input 2
Periods used to calculate bias	11	10
Bias Factor A	0.98 (0.91 - 1.05)	1.05 (0.93 - 1.21)
Bias Factor B	2% (-5% - 10%)	-5% (-17% - 8%)
Diffusion Tube Mean ($\mu\text{g}/\text{m}^3$)	22.05423916	27.33073038
Mean CV (Precision)	0.037081073	0.031050553
Automatic Mean ($\mu\text{g}/\text{m}^3$)	21.56840874	28.70621676
Data Capture	0.990665584	0.979613095
Adjusted Tube Mean ($\mu\text{g}/\text{m}^3$)	22 (20 - 23)	29 (25 - 33)

Notes:

The diffusion tube data was corrected using the National Bias Adjustment Factor of 0.84, in line with previous ASRs.

Table C.6 – NO₂ Fall off With Distance Calculations (concentrations presented in µg/m³) for passive monitoring in 2020

Site ID	Distance (m): Monitoring Site to Kerb	Distance (m): Receptor to Kerb	Monitored Concentration (Annualised and Bias Adjusted)	Background Concentration	Concentration Predicted at Receptor	Comments
LRAR	0.5	16.0	36.7	21.7	27.5	
JC	2.6		37.4	28.8	-	<i>Nearest exposure crosses road source – not within the parameters of the tool.</i>
IBIS	52.0	>50	37.4	30.4	-	<i>Monitoring Site to Kerb is > 50m – not within the parameters of the tool.</i>
LT	1.0	>50	39.9	24.5	-	<i>Monitoring Site to Kerb is > 50m – not within the parameters of the tool.</i>
NAS2	4.5	24.5	37.6	22.2	30.1	<i>Warning: your receptor is more than 20m further from the kerb than your monitor - treat result with caution.</i>
ER	0.5	3.0	38.1	21.2	32.7	

Table C.7 - NO₂ Fall off With Distance Calculations (concentrations presented in µg/m³) for passive monitoring in 2021

Site ID	Distance (m): Monitoring Site to Kerb	Distance (m): Receptor to Kerb	Monitored Concentration (Annualised and Bias Adjusted)	Background Concentration	Concentration Predicted at Receptor	Comments
N/A	N/A	N/A	N/A	N/A	N/A	

Appendix D: Maps of Monitoring Locations and AQMAs

Figure D.1 – Map of Monitoring Sites in West Thurrock, AQMAs 7, 8, 9, 10, 12, 13, 23 and 25

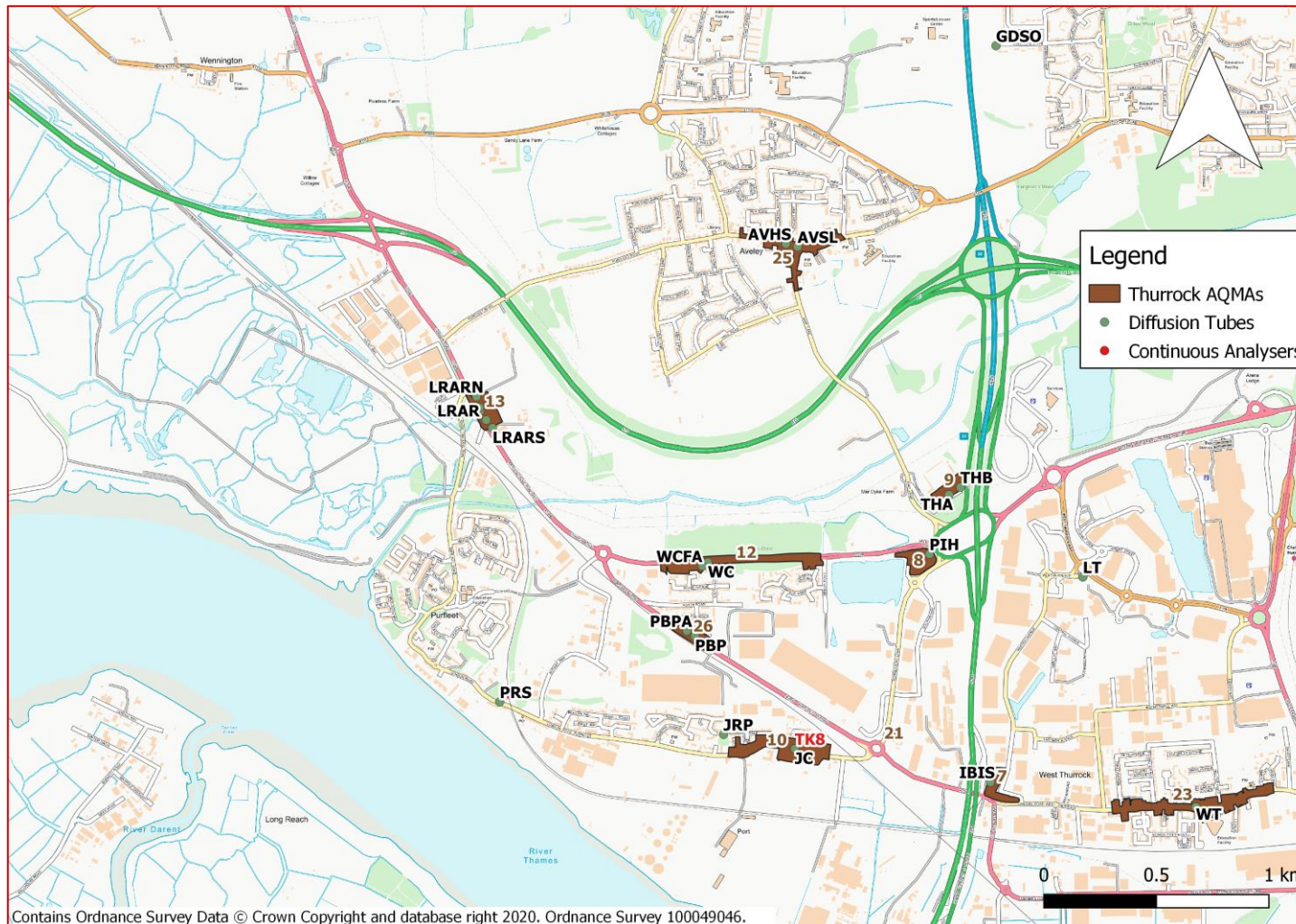
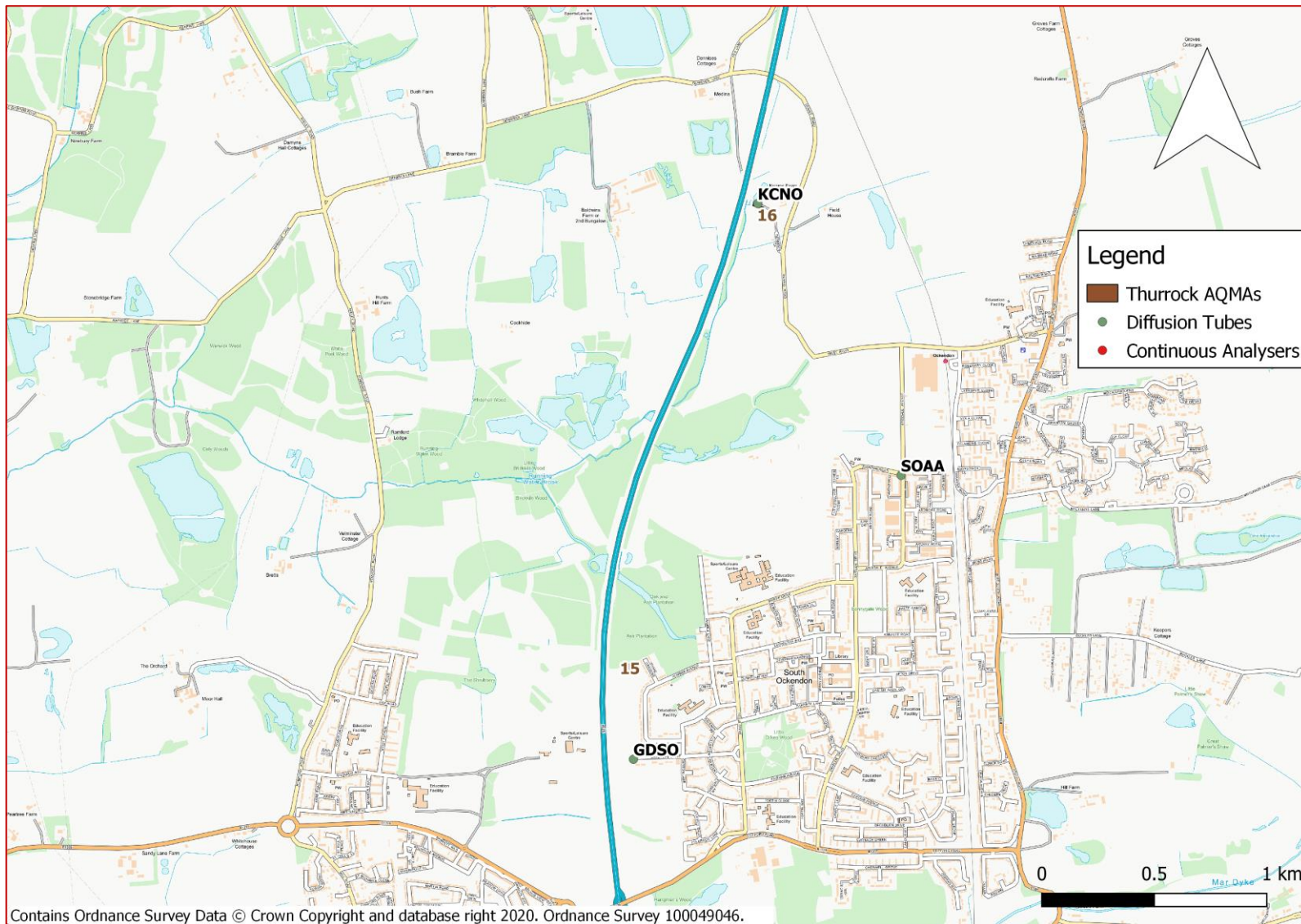


Figure D.2 - Map of Monitoring Sites in North Thurrock, AQMAs 15 and 16



Page 125

Figure D. 3 - Map of Monitoring Sites in Central Thurrock, AQMAs 1, 2, 3, 4, 5 and 23



Figure D.1 – Map of Monitoring Sites in East Thurrock, AQMA 3 and 4, monitoring sites outside AQMAs

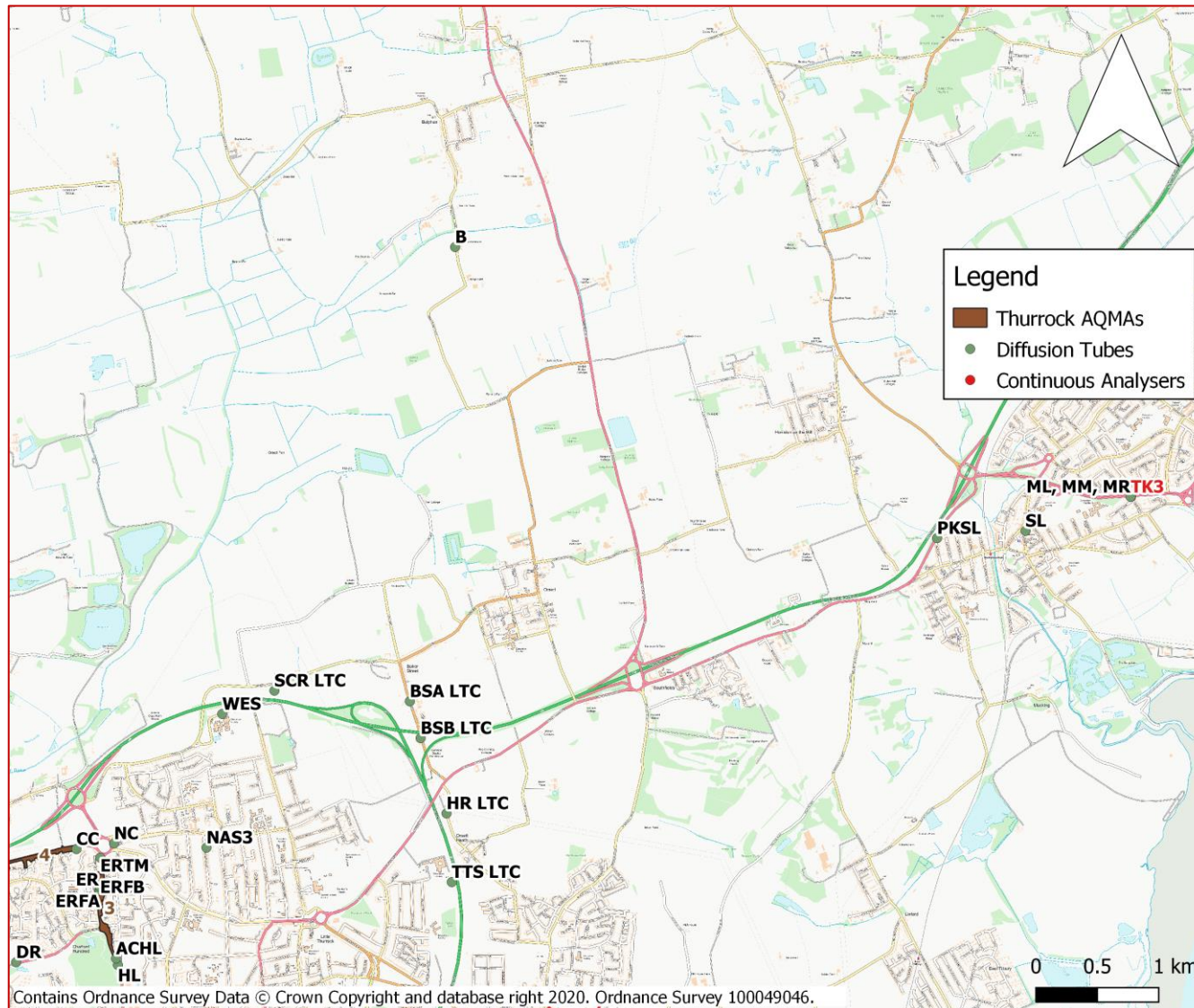
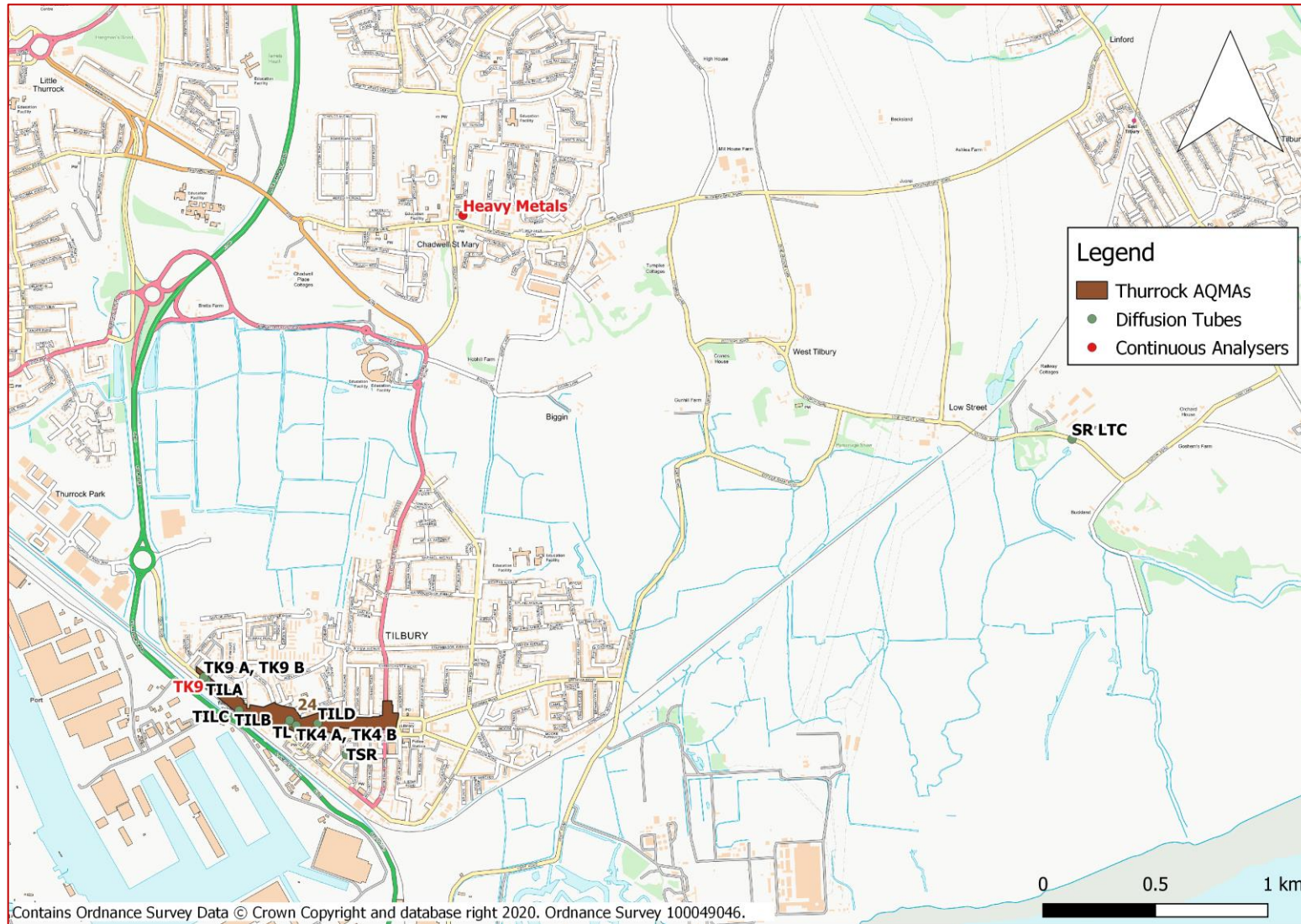


Figure D. 2 - Map of Monitoring Sites in Tilbury, AQMA 24



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).

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
TEOM	Tapered Element Oscillating Microbalance

References

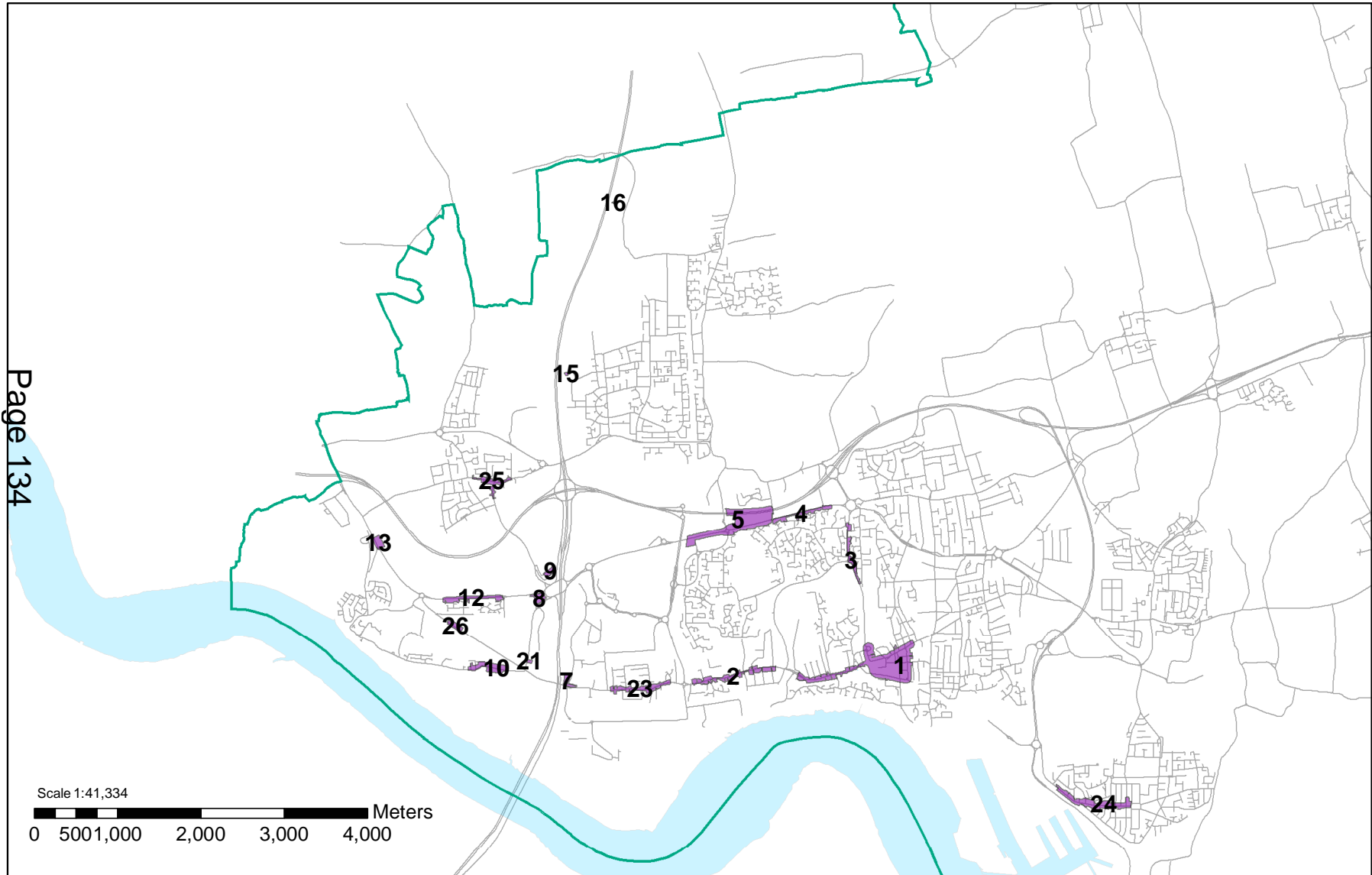
- Local Air Quality Management Technical Guidance LAQM.TG16. April 2021. Published by Defra in partnership with the Scottish Government, Welsh Assembly Government and Department of the Environment Northern Ireland.
- Local Air Quality Management Policy Guidance LAQM.PG16. May 2016. Published by Defra in partnership with the Scottish Government, Welsh Assembly Government and Department of the Environment Northern Ireland.
- Thurrock Council – Air Quality and health strategy. December 2016.
- Public Health Outcomes Framework

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Thurrock AQMA Summary & Pollutant Declarations

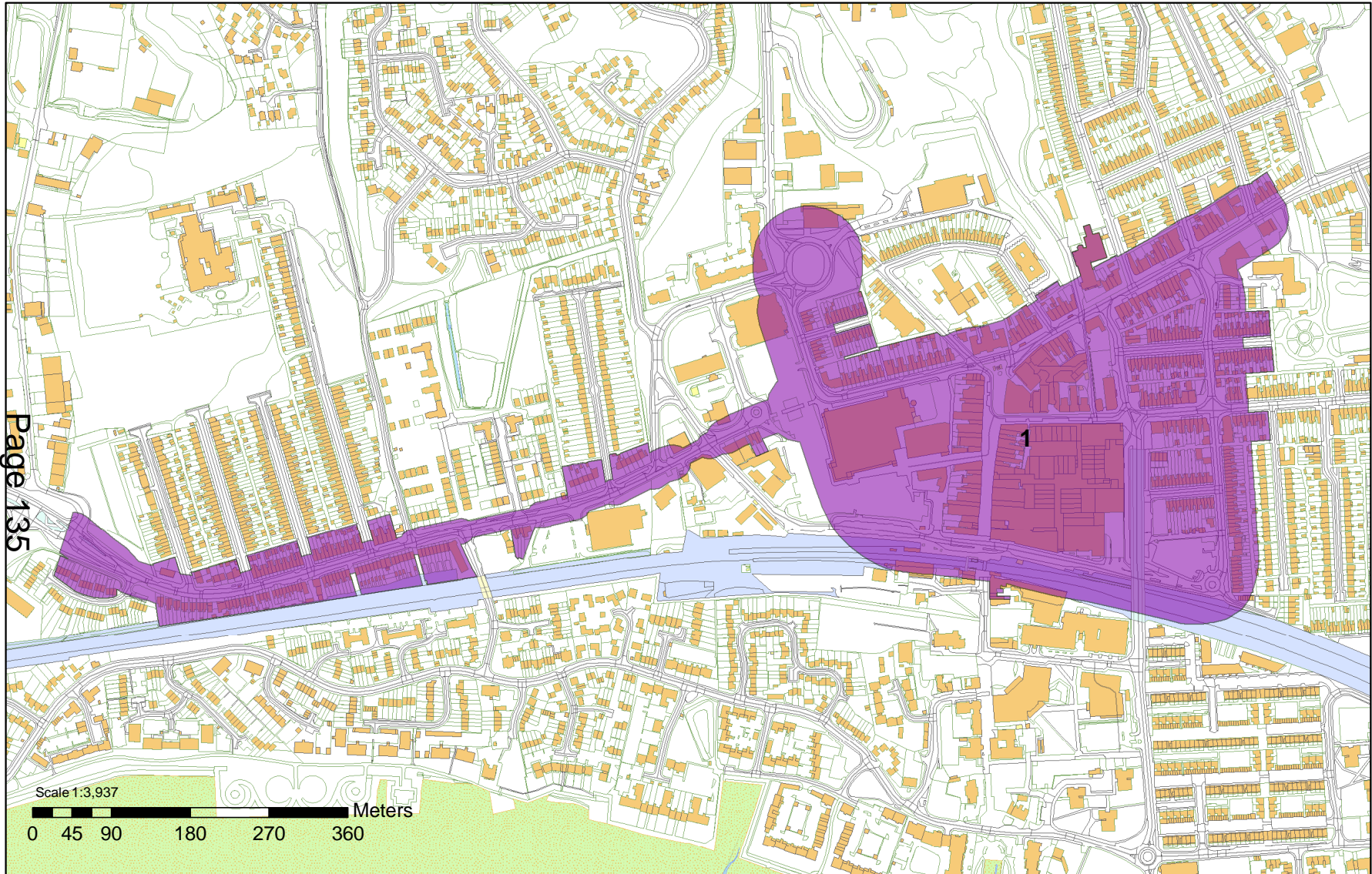
AQMA No.	Pollutant	Description of Air Quality Management Area
1	NO ₂	Grays town centre and London Road Grays
2	NO ₂	London Road South Stifford and adjoining roads
3	NO ₂	East side of Hogg Lane and Elizabeth Road
4	NO ₂	West of Chafford Hundred Visitor Centre
5	NO ₂ and PM10	Warren Terrace, A13 and A1306
7	NO ₂ and PM10	Hotels next to M25
8	NO ₂ and PM10	Hotel next to Junction 31 of the M25
9	NO ₂	Hotel next to Junction 31 of the M25
10	NO ₂ and PM10	London Road Purfleet near to Jarrah Cottages
12	NO ₂	Watts Wood estate next to A1306
13	NO ₂	London Road Aveley next to A1306
15	NO ₂	Near to M25 on edge of Irvine Gardens, South Ockendon
16	NO ₂	Next to M25 off Dennis Road
21	NO ₂	Hotel on Stonehouse Lane
23	NO ₂	London Road West Thurrock
24	NO ₂	Tilbury Calcutta Road, Dock Road & St Chads Road
25	NO ₂	Aveley High Street & Ship Lane
26	NO ₂	Purfleet By-pass

Thurrock AQMA's (Overview of all 18 AQMA's)



Page 134

AQMA 1: Grays, Town Centre & London Road Grays



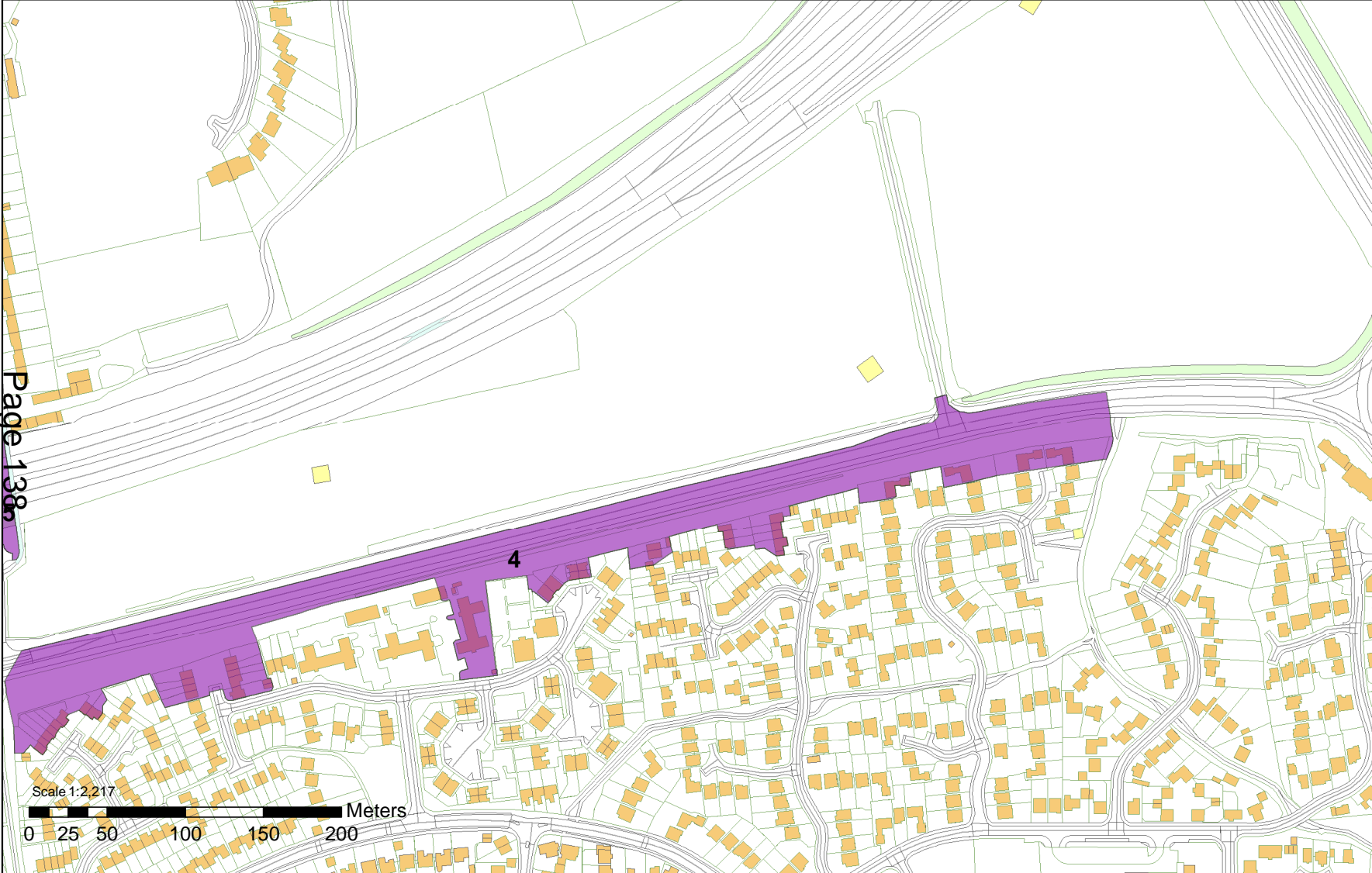
AQMA 2: Grays, South Stifford, London Road



AQMA 3: Grays, Chafford Hundred, Elizabeth Road & Hogg Lane (A1012)

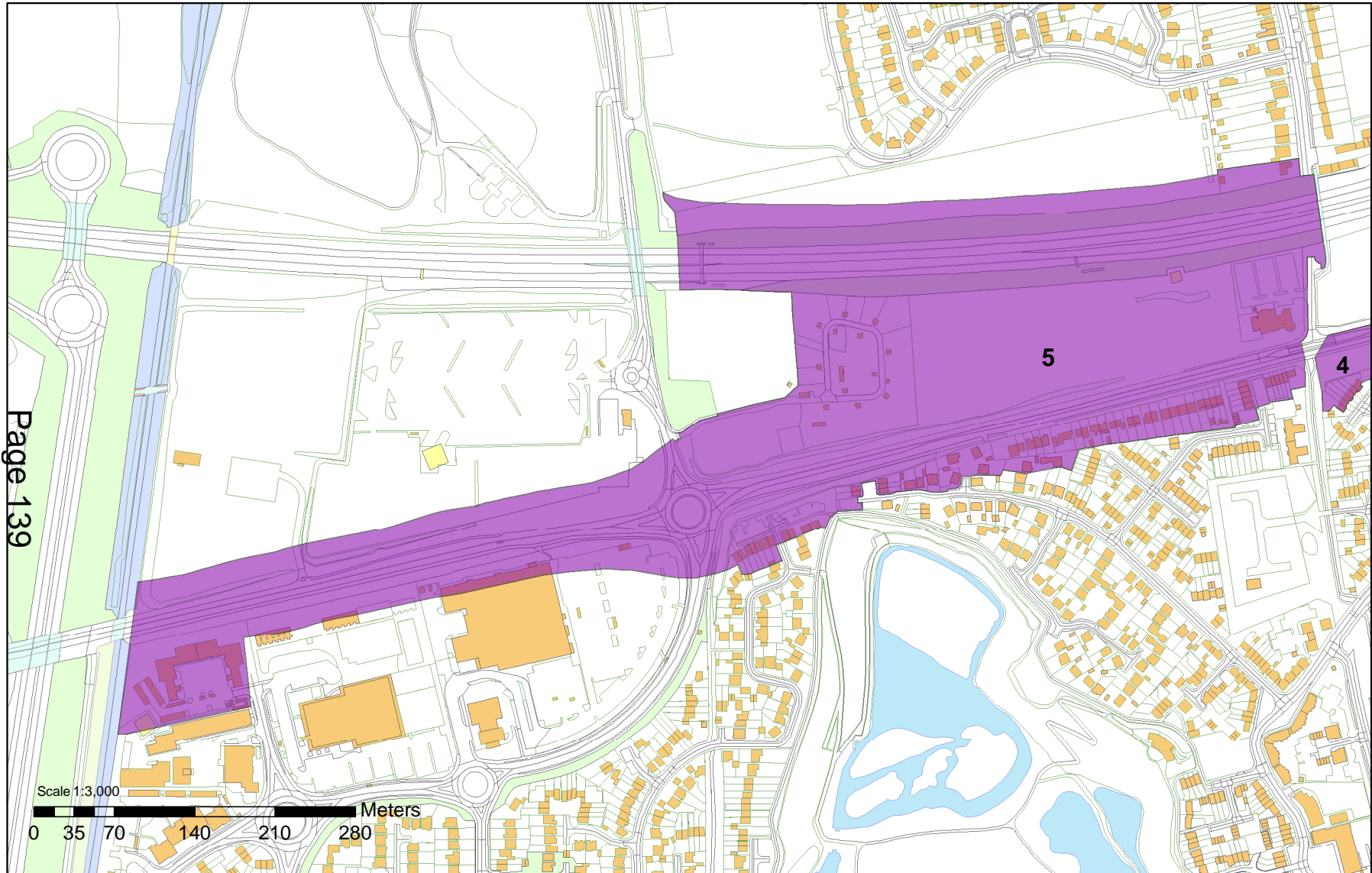


AQMA 4: Grays, Chafford Hundred, North Stifford, (A1306)



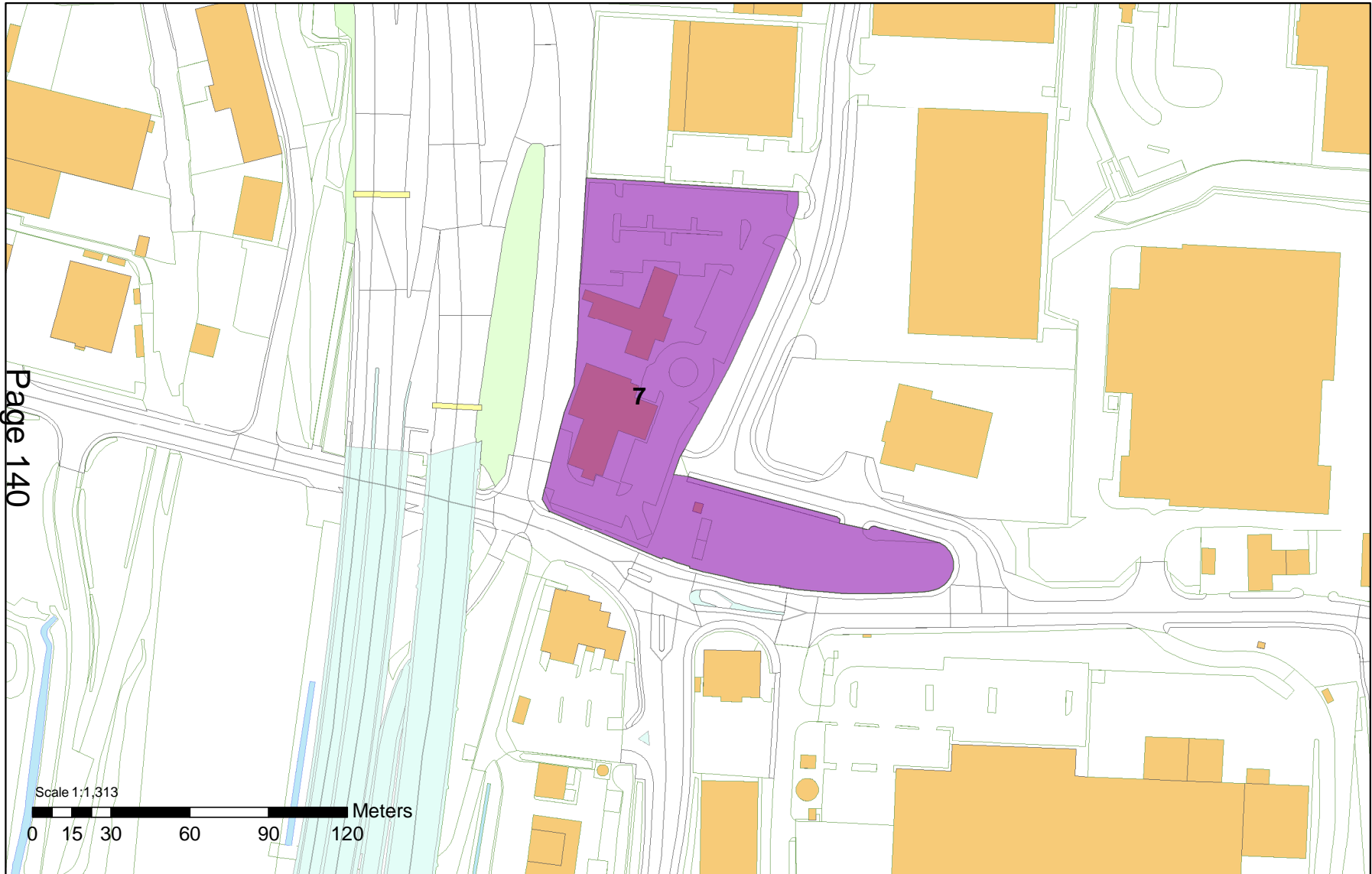
Page 138

AQMA 5: Grays, Chafford Hundred, North Stifford, Pilgrims Lane Roundabout, (A1306)



Page 139

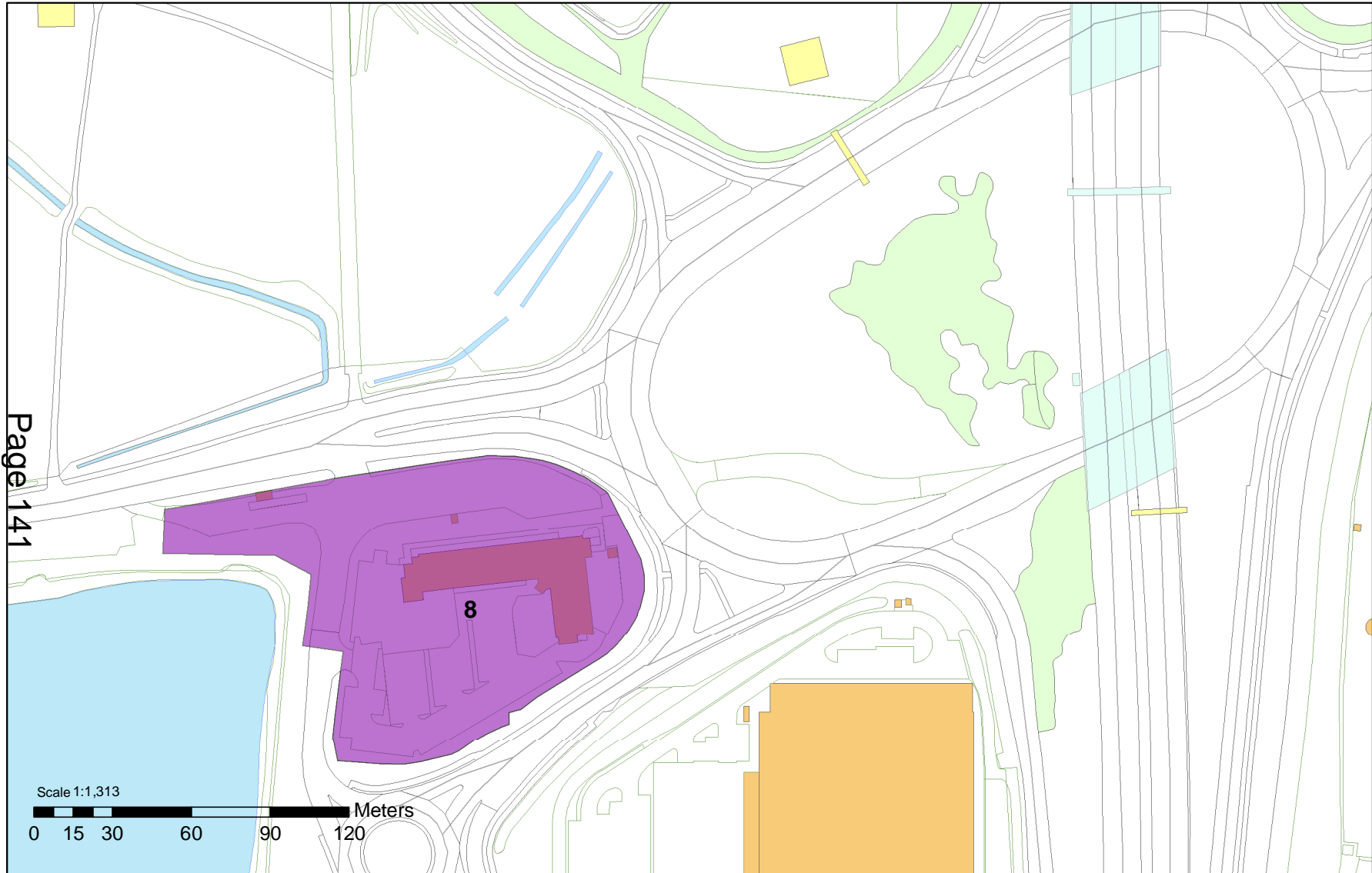
AQMA 7: West Thurrock, IBIS Hotel (A282 [M25])



Page 140

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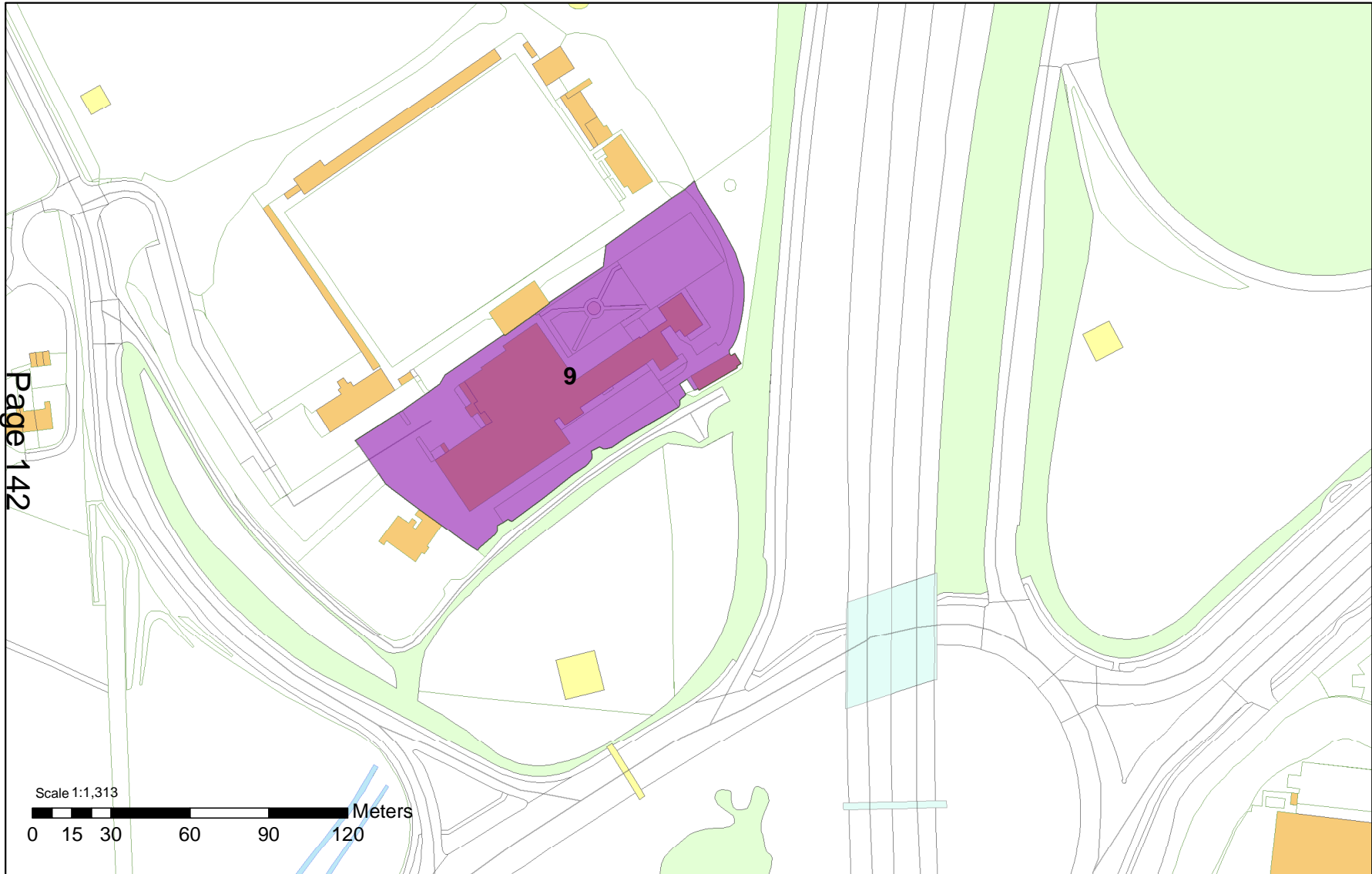
AQMA 8: West Thurrock, Premier Inn Hotel, (Jct 31 of M25)



Page 141

Scale 1:1,313
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AQMA 9: West Thurrock, The Thurrock Hotel (Jct 31 of M25)



Page 142

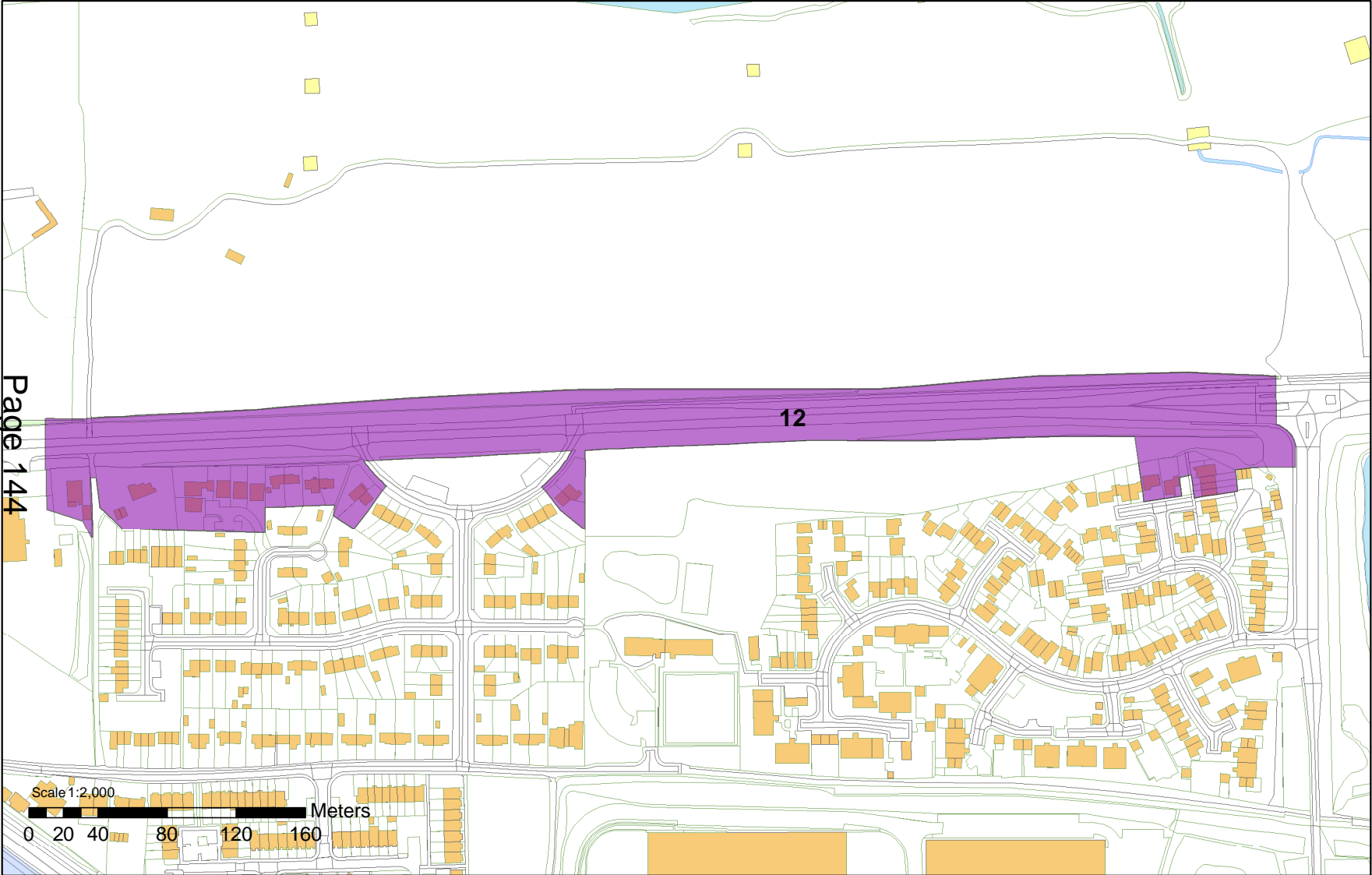
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AQMA 10: Purfleet, London Road Purfleet & Jarrah Cottages



Page 143

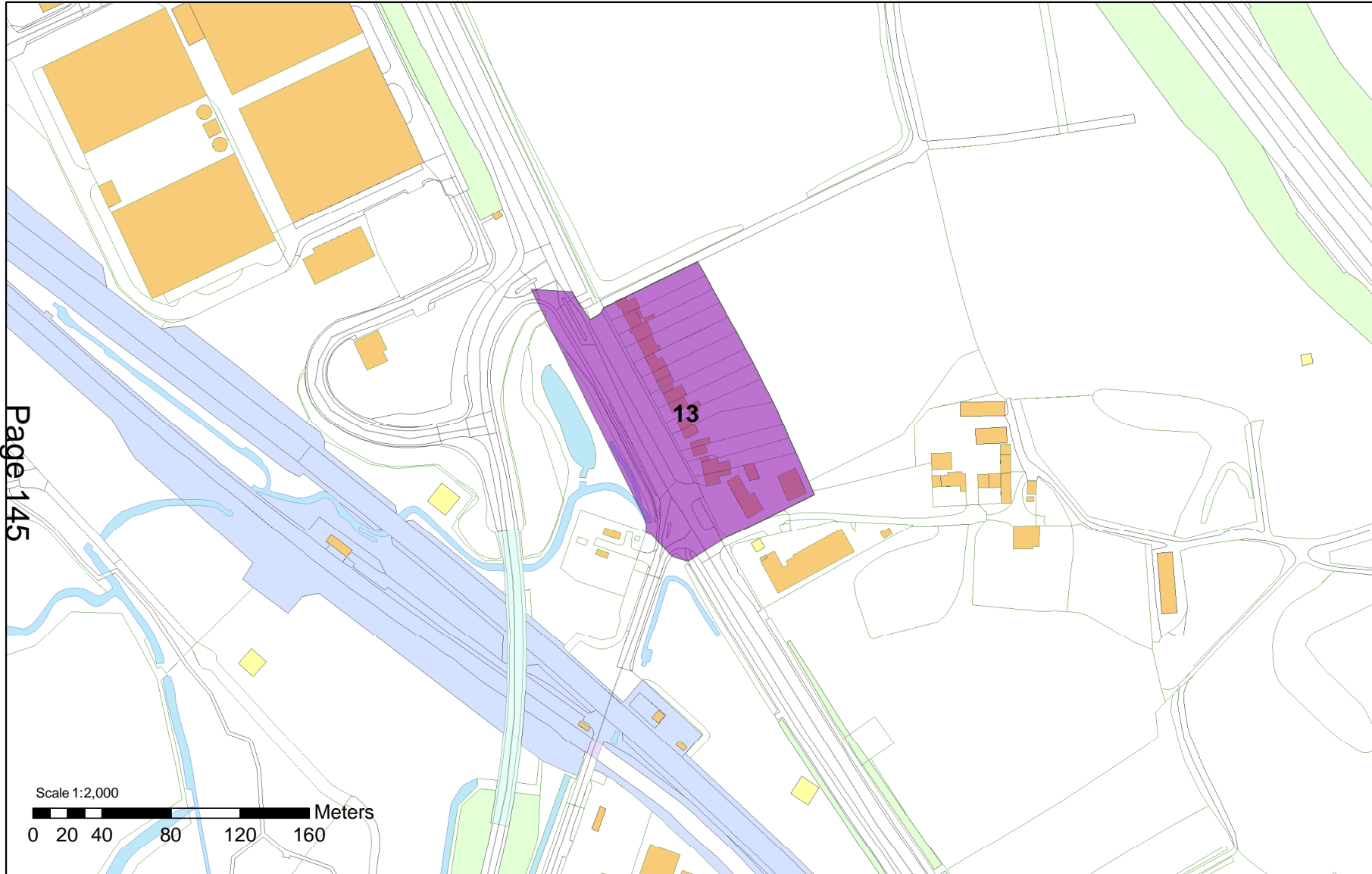
AQMA 12: Purfleet / West Thurrock, Watts Crescent (A1306)



Page 144

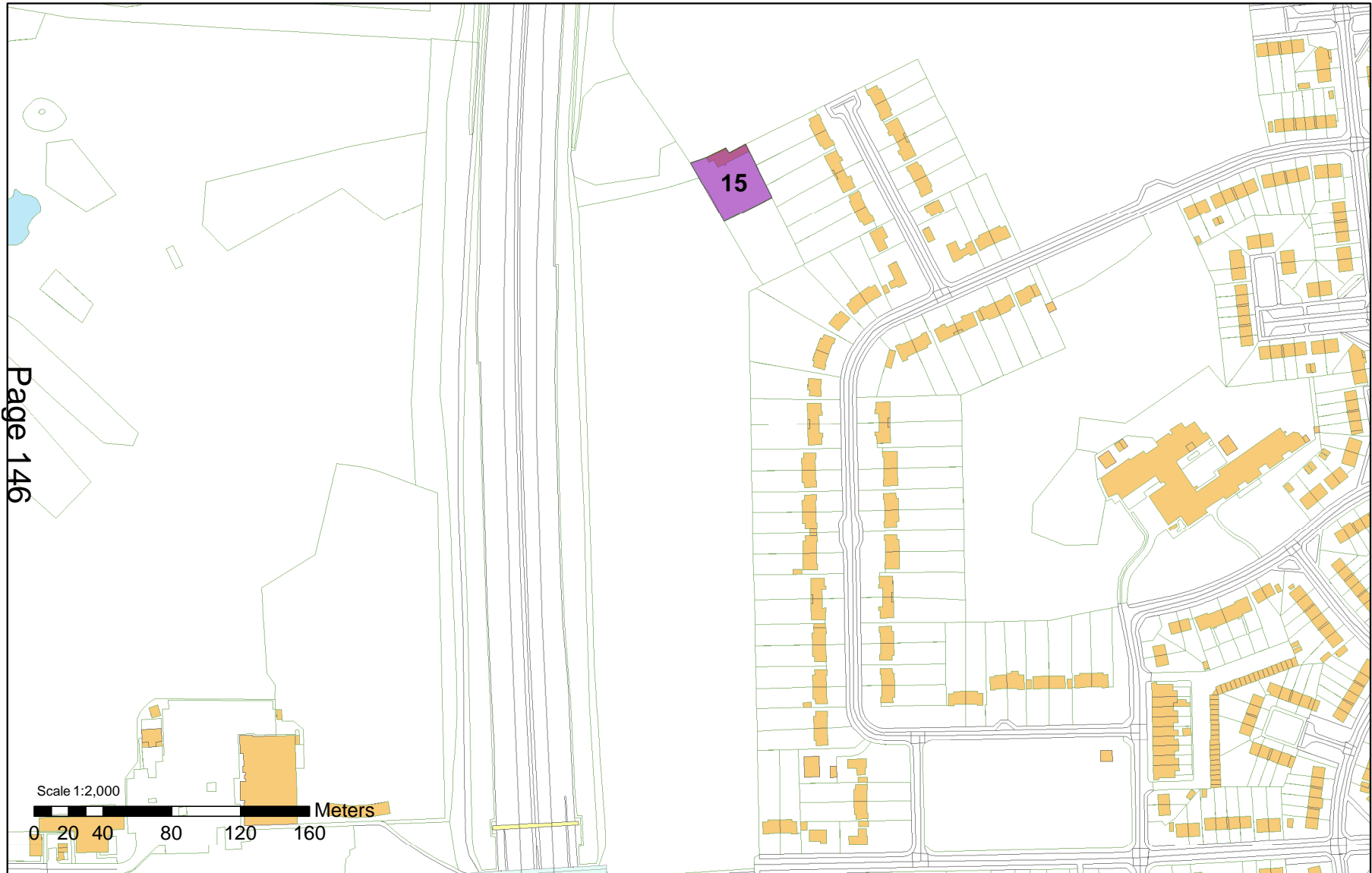
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AQMA 13: Purfleet / Aveley, London Road Arterial Road (A1306)

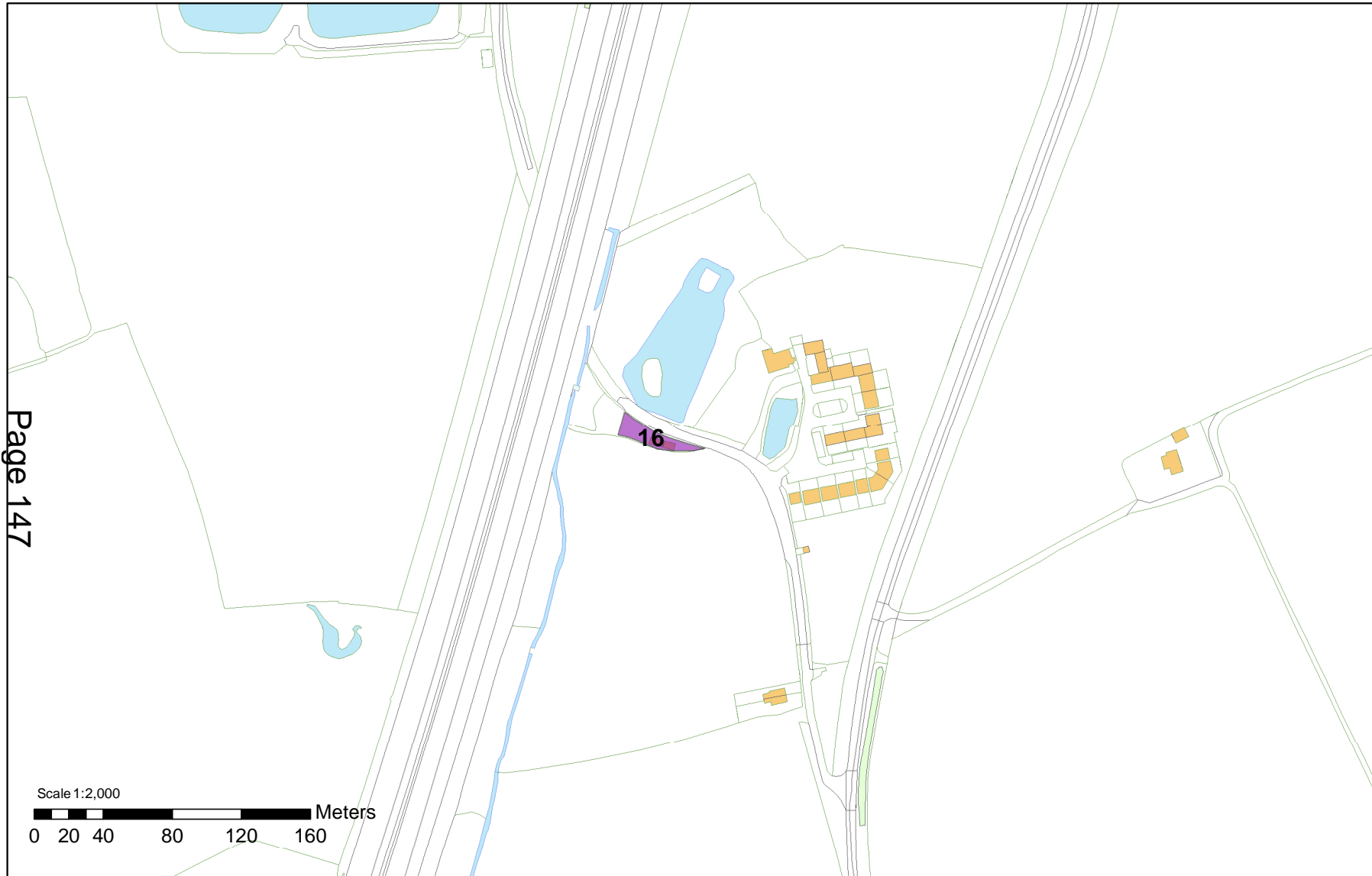


Page 145

AQMA 15: South Ockendon, Gatehope Drive



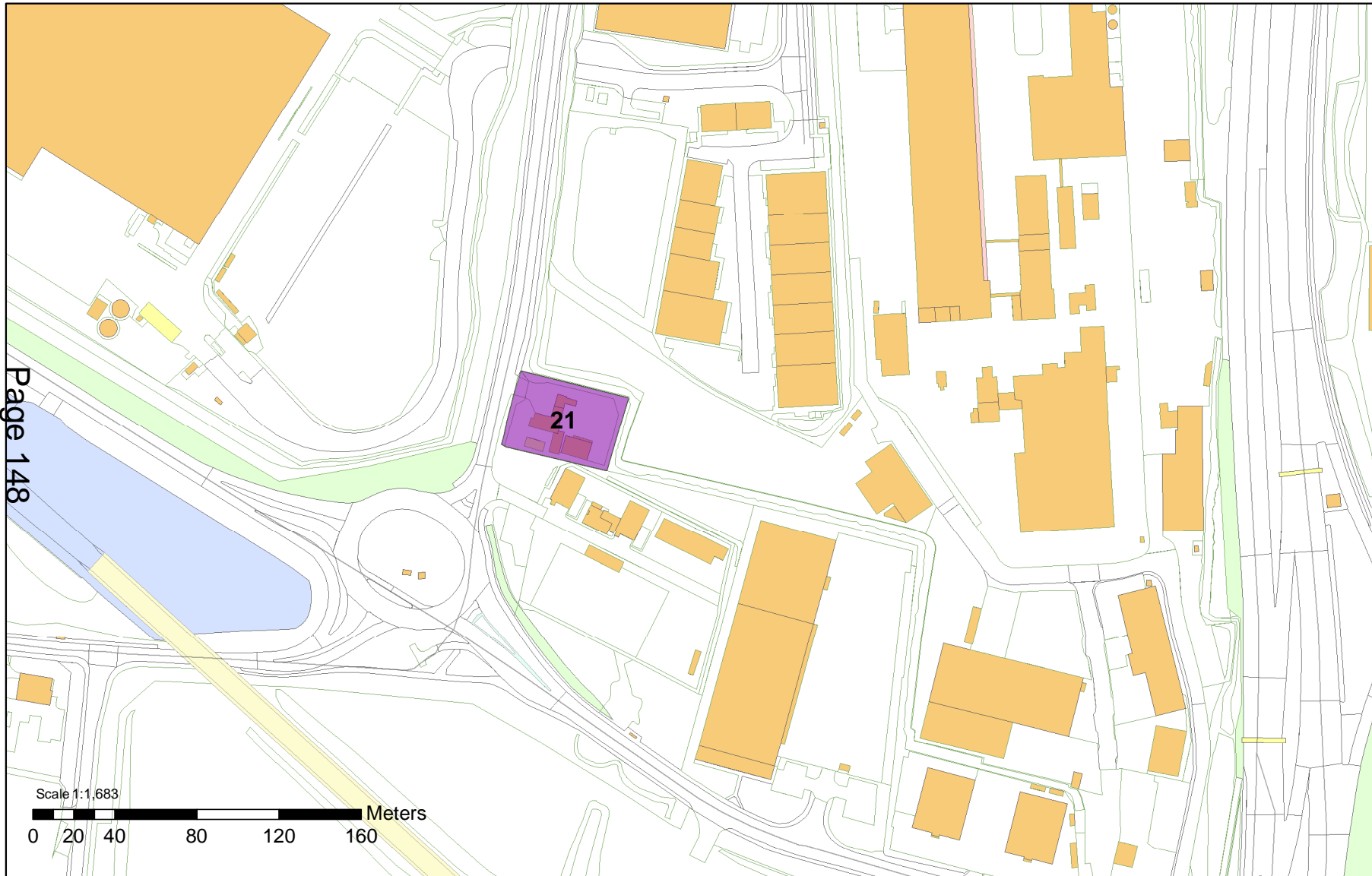
AQMA 16: North Ockendon, Kemps Cottage



Page 147

Scale 1:2,000
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AQMA 21: West Thurrock, Stonehouse Lane



AQMA 23: West Thurrock, London Road

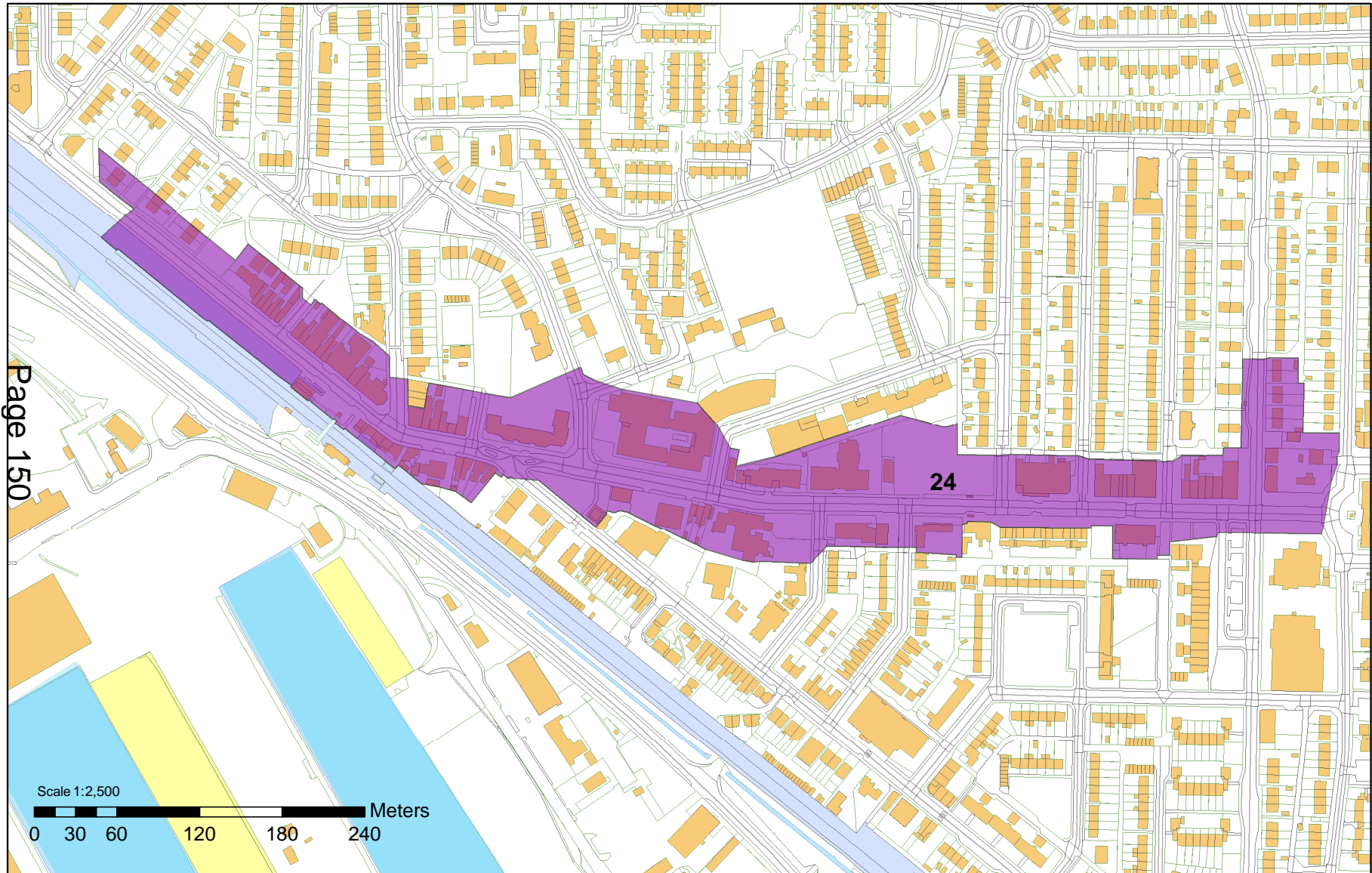


Page 149

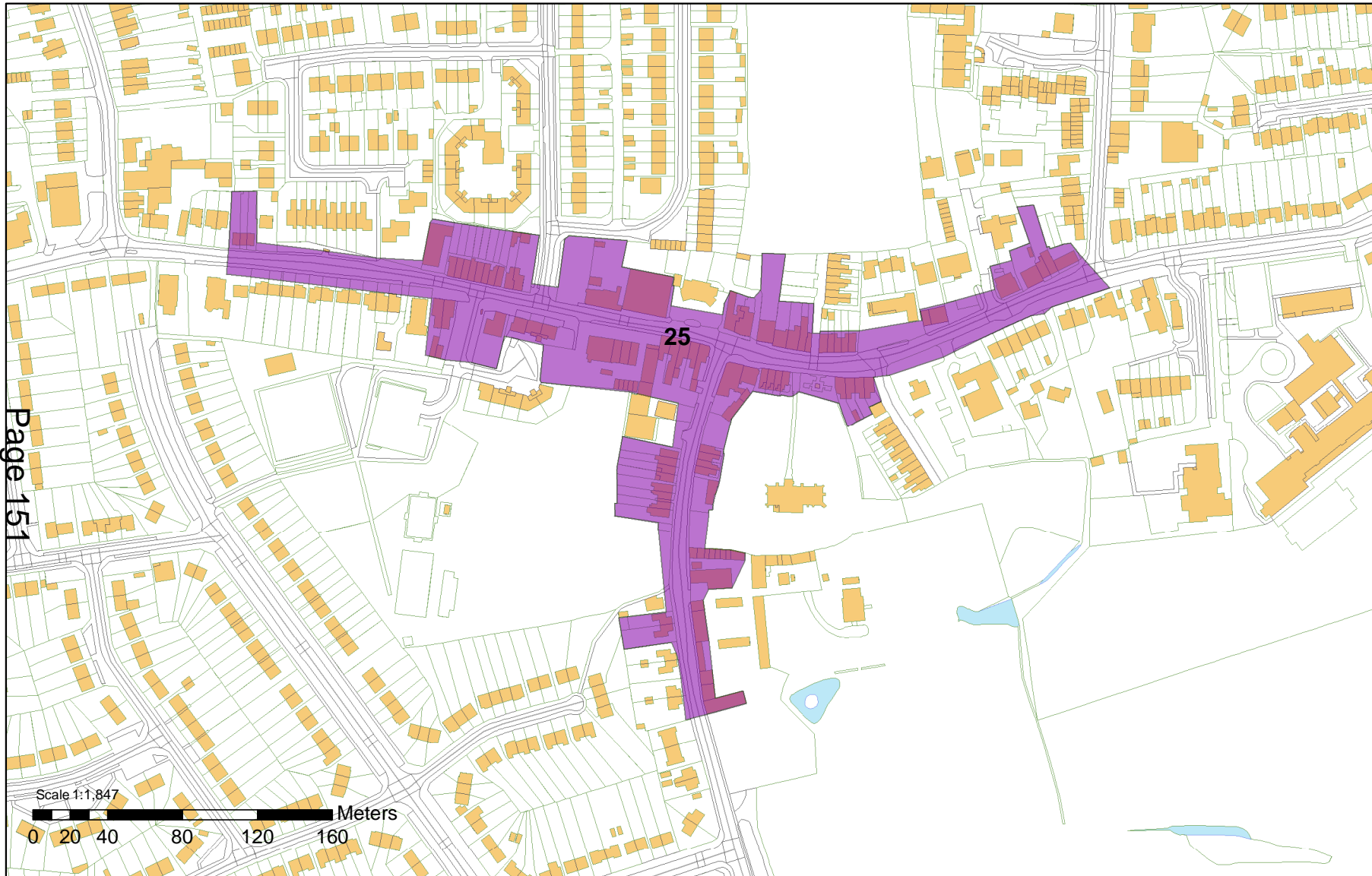
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AQMA 24: Tilbury, Dock Road & Calcutta Road



AQMA 25: Aveley, Aveley High Street & Ship Lane



AQMA 26: Purfleet, Purfleet By-Pass

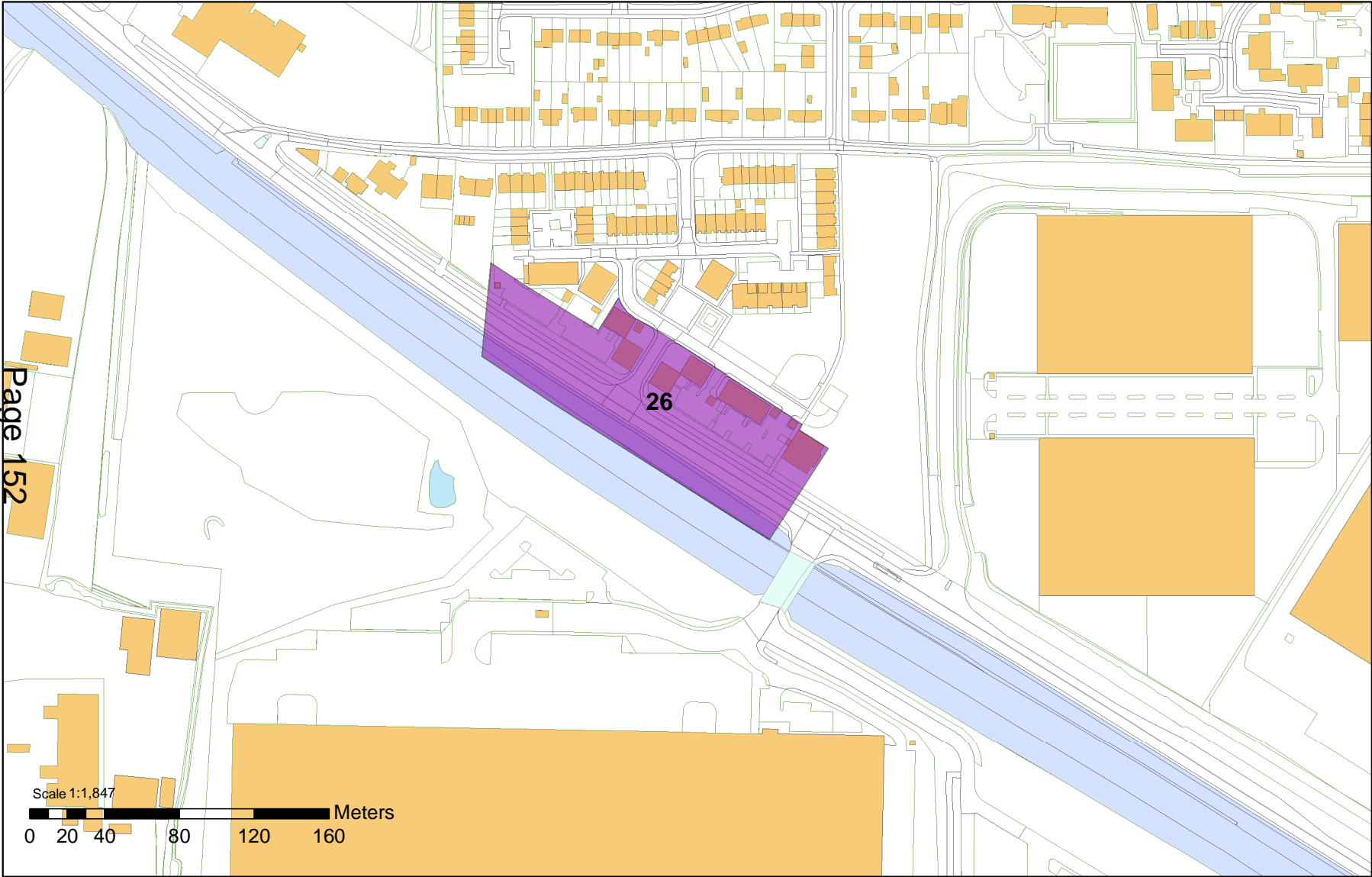


Table 2

National air quality objectives and European Directive limit and target values for the protection of human health							
Pollutant	Applies	Objective	Concentration measured as ¹⁰	Date to be achieved by and maintained thereafter	European obligations	Date to be achieved by and maintained thereafter	New or existing
Particles (PM ₁₀)	UK	50µg.m ⁻³ not to be exceeded more than 35 times a year	24 hour mean	31 December 2004	50µg.m ⁻³ not to be exceeded more than 35 times a year	1 January 2005	Retain existing
	UK	40µg.m ⁻³	annual mean	31 December 2004	40µg.m ⁻³	1 January 2005	
	Indicative 2010 objectives for PM ₁₀ (from the 2000 Strategy and 2003 Addendum) have been replaced by an exposure reduction approach for PM _{2.5} (except in Scotland – see below)						
	Scotland	50µg.m ⁻³ not to be exceeded more than 7 times a year	24 hour mean	31 December 2010			Retain existing
	Scotland	18µg.m ⁻³	annual mean	31 December 2010			
Particles (PM _{2.5}) Exposure Reduction	UK (except Scotland)	25µg.m ⁻³	annual mean	2020	Target value 25µg.m ⁻³ ¹²	2010	New (European obligations still under negotiation)
	Scotland	12µg.m ⁻³		2020	Limit value 25µg.m ⁻³	2015	
	UK urban areas	Target of 15% reduction in concentrations at urban background ¹¹		Between 2010 and 2020	Target of 20% reduction in concentrations at urban background	Between 2010 and 2020	
Nitrogen dioxide	UK	200µg.m ⁻³ not to be exceeded more than 18 times a year	1 hour mean	31 December 2005	200µg.m ⁻³ not to be exceeded more than 18 times a year	1 January 2010	Retain existing
	UK	40µg.m ⁻³	annual mean	31 December 2005	40µg.m ⁻³	1 January 2010	
Ozone	UK	100µg.m ⁻³ not to be exceeded more than 10 times a year	8 hour mean	31 December 2005	Target of 120µg.m ⁻³ not to be exceeded more than 25 times a year averaged over 3 years	31 December 2010	Retain existing

Table 2

National air quality objectives and European Directive limit and target values for the protection of human health							
Pollutant	Applies	Objective	Concentration measured as	Date to be achieved by and maintained thereafter	European obligations	Date to be achieved by and maintained thereafter	New or existing
Sulphur dioxide	UK	266 $\mu\text{g.m}^{-3}$ not to be exceeded more than 35 times a year	15 minute mean	31 December 2005			Retain existing
	UK	350 $\mu\text{g.m}^{-3}$ not to be exceeded more than 24 times a year	1 hour mean	31 December 2004	350 $\mu\text{g.m}^{-3}$ not to be exceeded more than 24 times a year	1 January 2005	
	UK	125 $\mu\text{g.m}^{-3}$ not to be exceeded more than 3 times a year	24 hour mean	31 December 2004	125 $\mu\text{g.m}^{-3}$ not to be exceeded more than 3 times a year	1 January 2005	
Polycyclic aromatic hydrocarbons	UK	0.25 ng.m^{-3} B[a]P	as annual average	31 December 2010	Target of 1 ng.m^{-3}	31 December 2012	Retain existing
Benzene	UK	16.25 $\mu\text{g.m}^{-3}$	running annual mean	31 December 2003			Retain existing
	England and Wales	5 $\mu\text{g.m}^{-3}$	annual average	31 December 2010	5 $\mu\text{g.m}^{-3}$	1 January 2010	
	Scotland, Northern Ireland	3.25 $\mu\text{g.m}^{-3}$	running annual mean	31 December 2010			
1,3- butadiene	UK	2.25 $\mu\text{g.m}^{-3}$	running annual mean	31 December 2003			Retain existing
Carbon monoxide	UK	10 mg.m^{-3}	maximum daily running 8 hour mean/in Scotland as running 8 hour mean	31 December 2003	10 mg.m^{-3}	1 January 2005	Retain existing
Lead	UK	0.5 $\mu\text{g.m}^{-3}$	annual mean	31 December 2004	0.5 $\mu\text{g.m}^{-3}$	1 January 2005	Retain existing
		0.25 $\mu\text{g.m}^{-3}$	annual mean	31 December 2008			

Table 2

National air quality objectives and European Directive limit and target values for the protection of human health							
Pollutant	Applies	Objective	Concentration measured as	Date to be achieved by and maintained thereafter	European obligations	Date to be achieved by and maintained thereafter	New or existing
National air quality objectives and European Directive limit and target values for the protection of vegetation and ecosystems							
Nitrogen oxides	UK	30µg.m ⁻³	annual mean	31 December 2000	30µg.m ⁻³	19 July 2001	Retain existing in accordance with 1 st Daughter Directive
Sulphur dioxide	UK	20µg.m ⁻³	annual mean	31 December 2000	20µg.m ⁻³	19 July 2001	Retain existing in accordance with 1 st Daughter Directive
	UK	20µg.m ⁻³	winter average	31 December 2000	20µg.m ⁻³	19 July 2001	
Ozone: protection of vegetation & ecosystems	UK	Target value of 18,000µg m ⁻³ based on AOT40 to be calculated from 1 hour values from May to July, and to be achieved, so far as possible, by 2010	Average over 5 years	1 January 2010	Target value of 18,000µg m ⁻³ based on AOT40 to be calculated from 1 hour values from May to July, and to be achieved, so far as possible, by 2010	1 January 2010	New EU target

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**Cleaner Greener and Safer Overview & Scrutiny Committee
Work Programme
2022/23**

Dates of Meetings: 14 June 2022, 8 September 2022, 8 November 2022 and 24 January 2023

Topic	Lead Officer	Requested by Officer/Member
14 June 2022		
Abandoned Trolley Cost Recovery Policy	Vince Taylor	Officers
Terms of Reference – Overview of Services - PowerPoint	Officers	Officers
Off Road Nuisance Vehicles – Verbal Update	Terry Fisher, Essex Police	Members
Work Programme	Democratic Services	Members
8 September 2022		
Overview of responsibilities of Portfolio Holder for Environment, Sports and Leisure	Councillor Jefferies	Members
Council Funded Police Officers	Cheryl Wells	Members
Thurrock Community Safety Partnership Annual Overview	Michelle Cunningham	Members
Cemetery and Burial Strategy	Daren Spring	Members
Flats Recycling Update	Marcelle Puttergill	Officers
Work Programme	Democratic Services	Members
8 November 2022		
Essex Police – Verbal Update	Terry Fisher, Essex Police	Members
Fees & Charges Report	Daren Spring	Officers

Annual Status Report on Air Quality in Thurrock	Gavin Dennett	Members
Overview of responsibilities of Portfolio Holder for Environment, Sports and Leisure	Councillor Jefferies	Members
Work Programme	Democratic Services	Members
24 January 2023		
Annual Report on Underage Sales	Charlotte Edwards	Members
Thurrock Domestic Abuse and Violence Against Women and Girls Refresh 2023/26	Michelle Cunningham	Officers
Thurrock's Prevent Strategy Refresh 2023/26	Michelle Cunningham	Officers
Single Use Plastics Update	Susan Reddick	Officers
Work Programme	Democratic Services	Members

Add to 2023/24 Work Programme:

Clerk: Rhiannon Whiteley
Last Updated: October 2022