

Air Quality Action Plan Review

Non-Technical Summary

Borough Council of
King's Lynn &
West Norfolk



Background

Borough Council of
**King's Lynn &
West Norfolk**



Air Quality in King's Lynn 1/3

- Councils have legal duty to review and assess air quality under Part 4 Environment Act 1995
- DEFRA set legal air quality standards & objectives
- The borough council follow DEFRA's policy & technical guidance
- The borough council produce Annual Status Report
- ASR appraised by Norfolk Public Health and submitted to DEFRA for approval

Air Quality in King's Lynn 2/3

- Officers use a mix of screening tools, modelling and monitoring to assess air quality against the National Air Quality Objectives
- There are two Air Quality Monitoring stations measuring nitrogen dioxide (NO₂)
- There are 4 Dust Screening Units which measure PM₁₀ and PM_{2.5} (particles measuring 10 or 2.5 microns)
- There are 72 Diffusion Tubes locations measuring NO₂
- https://www.west-norfolk.gov.uk/info/20137/air_quality/171/air_pollution_levels

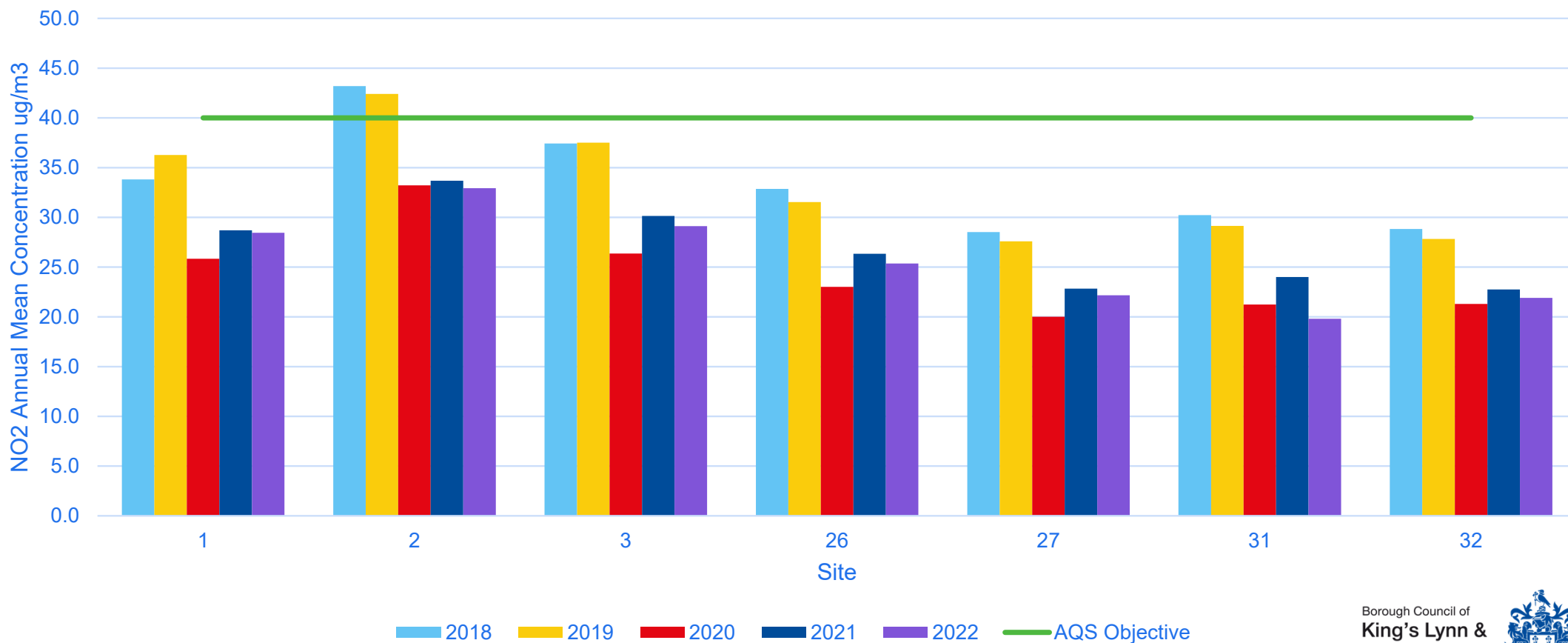
Air Quality in King's Lynn 3/3

- The National Air Quality Objective for Nitrogen Dioxide (NO₂) is not to exceed an annual average of 40µg/m³
- µg/m³ = micrograms of pollutant per cubic metre of air
- The objective was not exceeded during 2022 in either of the Air Quality Management Areas
- This is the third year running where results have shown no exceedances for the Town Centre AQMA and over 5 years for Gaywood Clock AQMA
- The annual average concentrations have remained relatively constant with results less than 36µg/m³ for the last 3 years. No post Covid increase noted to date

Gaywood Clock AQMA Results



Town Centre AQMA Results



Air Quality Management Areas

Borough Council of
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Air Quality Management Areas

- Where monitoring shows an exceedance of an air quality objective, the Local Authority must declare an Air Quality Management Area (AQMA)
- There are two AQMAs, both located in King's Lynn
- Both were declared because NO₂ was measured in the past above the annual mean of 40ug/m³
- The main source for both is from road traffic



London Road Air Quality Management Area



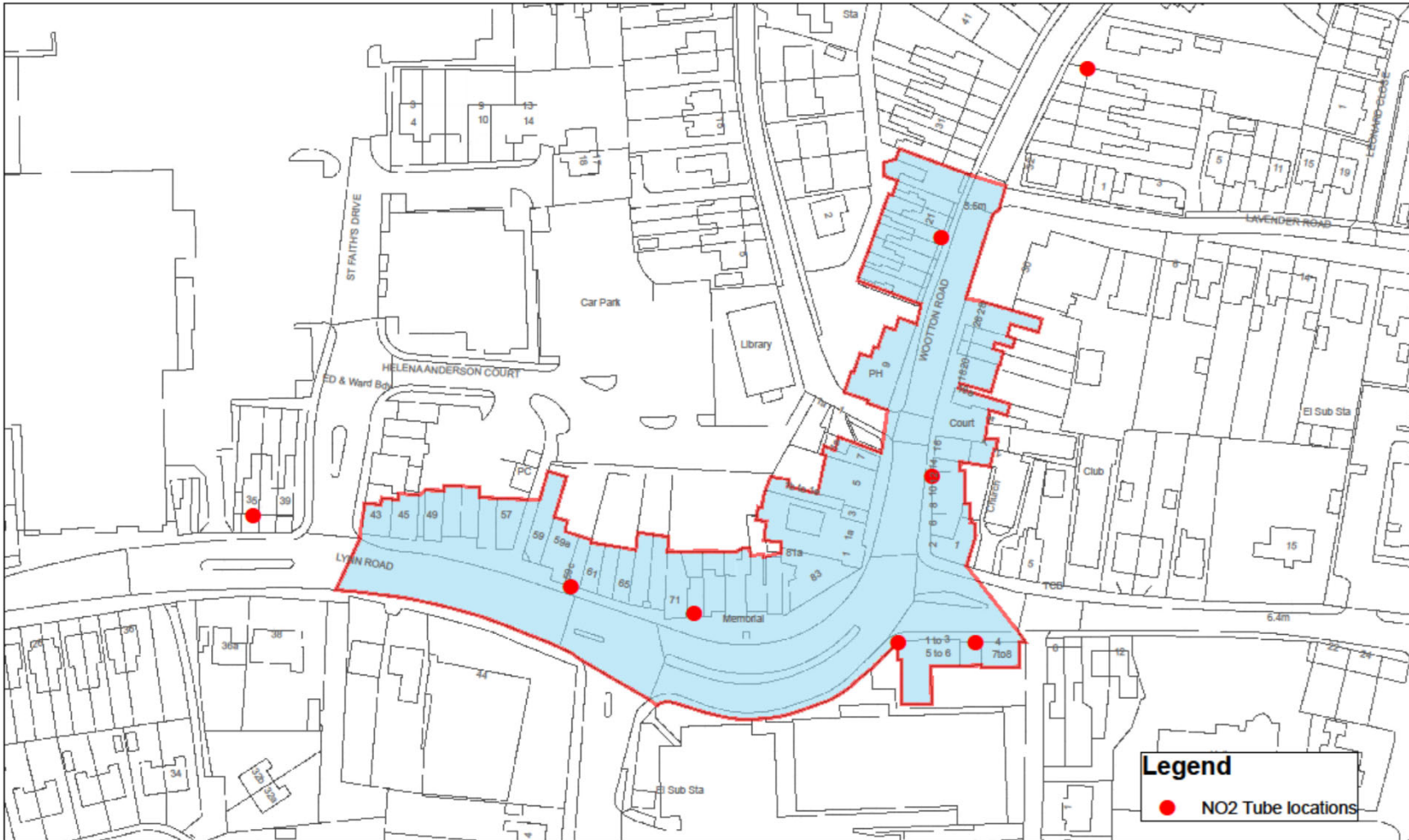
The Town Centre Air Quality Management Area extended a previous AQMA which included only part of Railway Road. It includes the whole gyratory (one way road system) and London Road

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<p>Borough Council of King's Lynn & West Norfolk</p> <p>Tel. 01553 616200 - Fax. 01553 691663</p>	<p>Title</p> <h2 style="margin: 0;">Gaywood air quality management area</h2>			<p>Scale</p> <p>1:1,000</p>	<p>© Crown copyright and database rights 2012 Ordnance Survey 100024514</p>
	<p>Project / Details</p> <p>AQMA</p>			<p>Date</p> <p>2013</p>	
			<p>Drawn by / Department</p> <p>FP</p>		
			<p>Drawing / Reference Number</p>		

Air Quality Action Plan

Borough Council of
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AQAP background

- When a council declares an AQMA they must write and adopt an Air Quality Action Plan
- The Action Plan adopted in 2015 needs updating
- The Action Plan contains measures to reduce the pollution by targeting the sources of NO₂
- Road transport has been identified as the main source of nitrogen dioxide pollution
- Draft Measures in the Action Plan are proportionate to the current NO₂ levels



Progress to Date

- Previous update to Council Management Team
- Internal workshop to review and update the previous Action Plan measures
- Consultation with Norfolk County Council
- Consultation with Portfolio Holder
- Cabinet Briefing



AQAP Draft Measures 1/3

Priority & Measure No.	Measure	Category	Classification	Start Year	End Year	Agencies
1.1	Improve active travel promotion to schools	Promoting Travel Alternatives	School Travel Plans	2024	On-going	NCC Schools
1.2	Review & update BCKLWN Travel Plan	Promoting Travel Alternatives	Workplace Travel Planning	2024	On-going	BCKLWN Sustrans
1.3	Development of other workplace / business travel plans	Promoting Travel Alternatives	Encourage / Facilitate homeworking	2024	On-going	BCKLWN Private businesses
1.4	Development of Active Travel Hubs	Transport Planning and Infrastructure	Intensive active travel campaign & infrastructure	2024	On-going	BCKLWN NCC
1.5	Implement local cycling and walking infrastructure plan (LCWIP)	Promoting Travel Alternatives	Intensive active travel campaign & infrastructure	2024	On-going	NCC BCKLWN
1.6	Support Use of West Lynn Ferry	Promoting Travel Alternatives	Promote use of rail and inland waterways	2024	On-going	BCKLWN NCC

AQAP Draft Measures 2/3

Priority & Measure No.	Measure	Category	Classification	Start Year	End Year	Agencies
2.1	Work with Norfolk County Council to help deliver their Bus Service Improvement Plan (BSIP)	Transport Planning and Infrastructure	Public transport improvements- interchanges stations and services	2024	On-going	NCC BCKLWN Bus Operators
2.2	Help to deliver the roll out of Low NOx Buses in King's Lynn	Promoting Low Emission Transport	Public Vehicle Procurement - Prioritising uptake of low emission vehicles	2024	On-going	NCC BCKLWN Bus Operator
3.1	Review changes to the road system within the King's Lynn Town Centre gyratory system (Railway Rd AQMA).	Traffic Management	UTC, Congestion management, traffic reduction	2024	2030 (Medium Term Plan)	NCC BCKLWN
3.2	Review traffic related changes as part of the Southgate's Masterplan	Traffic Management	UTC, Congestion management, traffic reduction	LTP4 Medium Term Scheme 2024	LTP4 Medium Term Scheme 2030	NCC BCKLWN
3.3	Develop and Implement a comprehensive Car-Parking Strategy for King's Lynn	Traffic Management	UTC, Congestion management, traffic reduction	Scheme 2024	On-going	BCKLWN NCC

AQAP Draft Measures 3/3

Priority & Measure No.	Measure	Category	Classification	Start Year	End Year	Agencies
3.4	Review measures to improve traffic flows through Gaywood Clock AQMA	Traffic Management	UTC, Congestion management, traffic reduction	LTP4 Medium Term Scheme 2024	LTP4 Medium Term Scheme 2030	NCC BCKLWN
4.1	To consider air quality from new developments and secure mitigation	Policy Guidance and Development Control	Air Quality Planning and Policy Guidance	Revised procedure 2022	On-going	BCKLWN
5.1	Promote behaviour change from individuals and employers	Public Information	Via the Internet	2024	On-going	NCC Public Health BCKLWN
5.2	Improve Public Awareness (Air Quality Monitoring and Information)	Public Information	Via the Internet	2024	On-going	BCKLWN Public Health NCC
6.1	To develop an Air Quality Project to review the impact of PM10/ PM2.5 across District	Public Information	Via the Internet	2024	On-going	NCC Public Health BCKLWN

Timeline

- Draft copy has already been submitted to DEFRA for their initial approval
- Environment & Community Panel update planned for 3rd January 2024
- Start Public Consultation – January/ February 2024
- Review Public Consultation – March/ April 2024
- Prepare Cabinet Report - May/ June 2024
- Submit final draft to DEFRA for approval

Consultation

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Have your say: -

- We would welcome your comments on the draft air quality action plan
- Please complete the online form
- Your comments will be considered and form part of the consultation summary

Next Steps

- Once the consultation period has finished, we will review the comments
- We also await feedback from DEFRA and will consider their comments before completing a final draft
- We expect to complete the final draft during summer 2024