

Railway Road AQMA Revocations

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 1/2

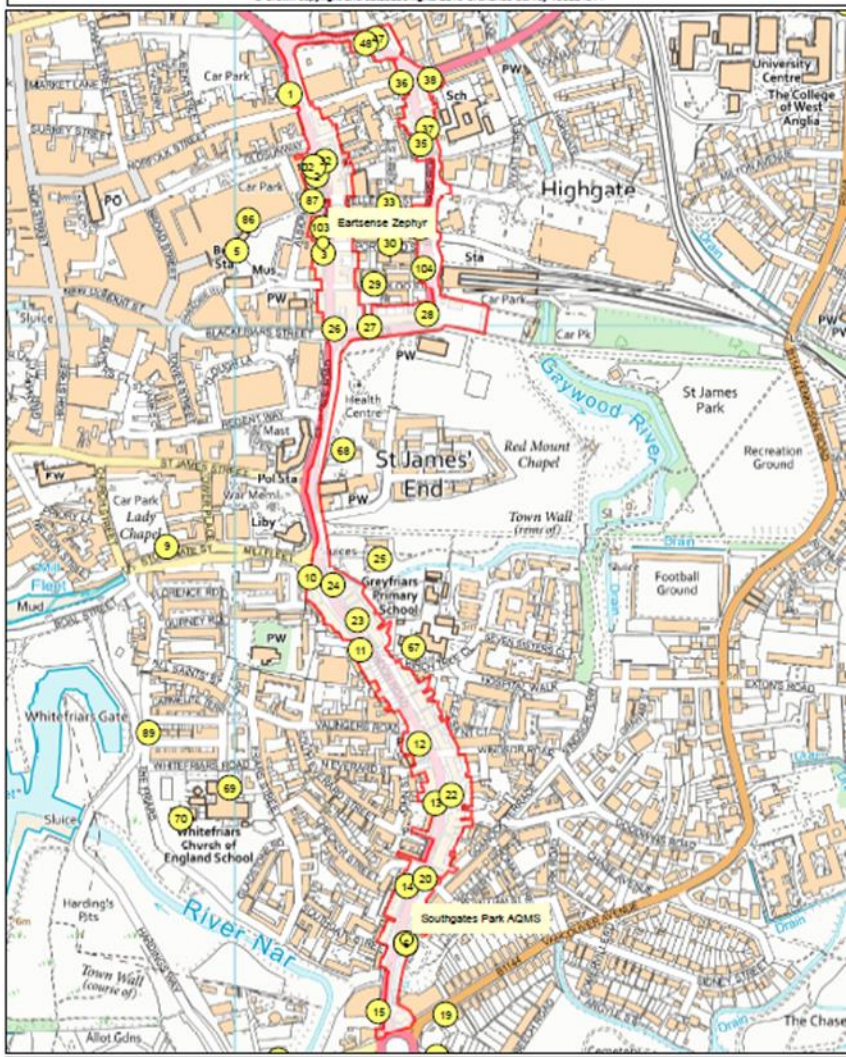
- Councils have a legal duty to review and assess air quality (Part 4 Environment Act 1995)
- DEFRA set legal air quality standards & objectives
- The Borough Council follow DEFRA's statutory policy guidance & technical guidance
- The Borough Council produce an Annual Status Report (ASR)
- The ASR is appraised by Norfolk Public Health and submitted to DEFRA for approval



Air Quality in King's Lynn 2/2

- 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) at Gaywood Clock and Southgates Park
- There were 75 Diffusion Tubes locations measuring NO₂
- https://www.west-norfolk.gov.uk/info/20137/air_quality/171/air_pollution_levels



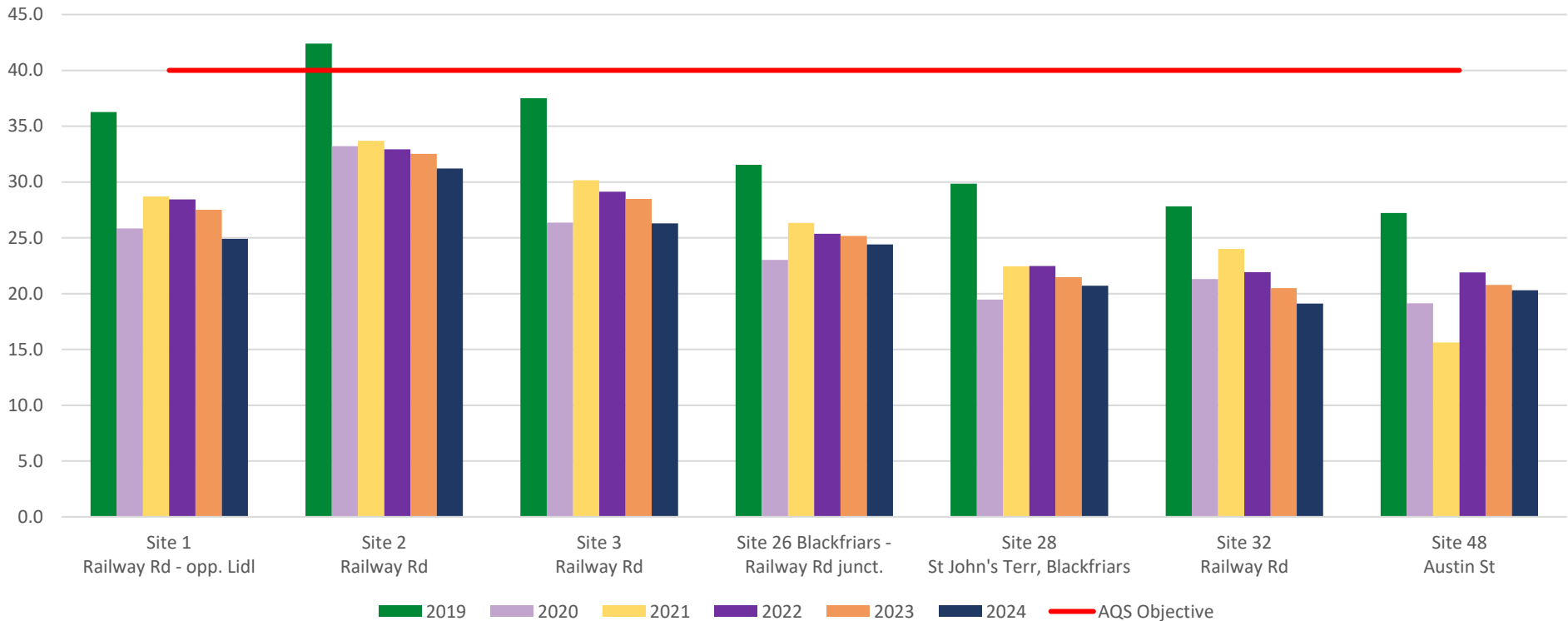


AQ Monitoring Locations



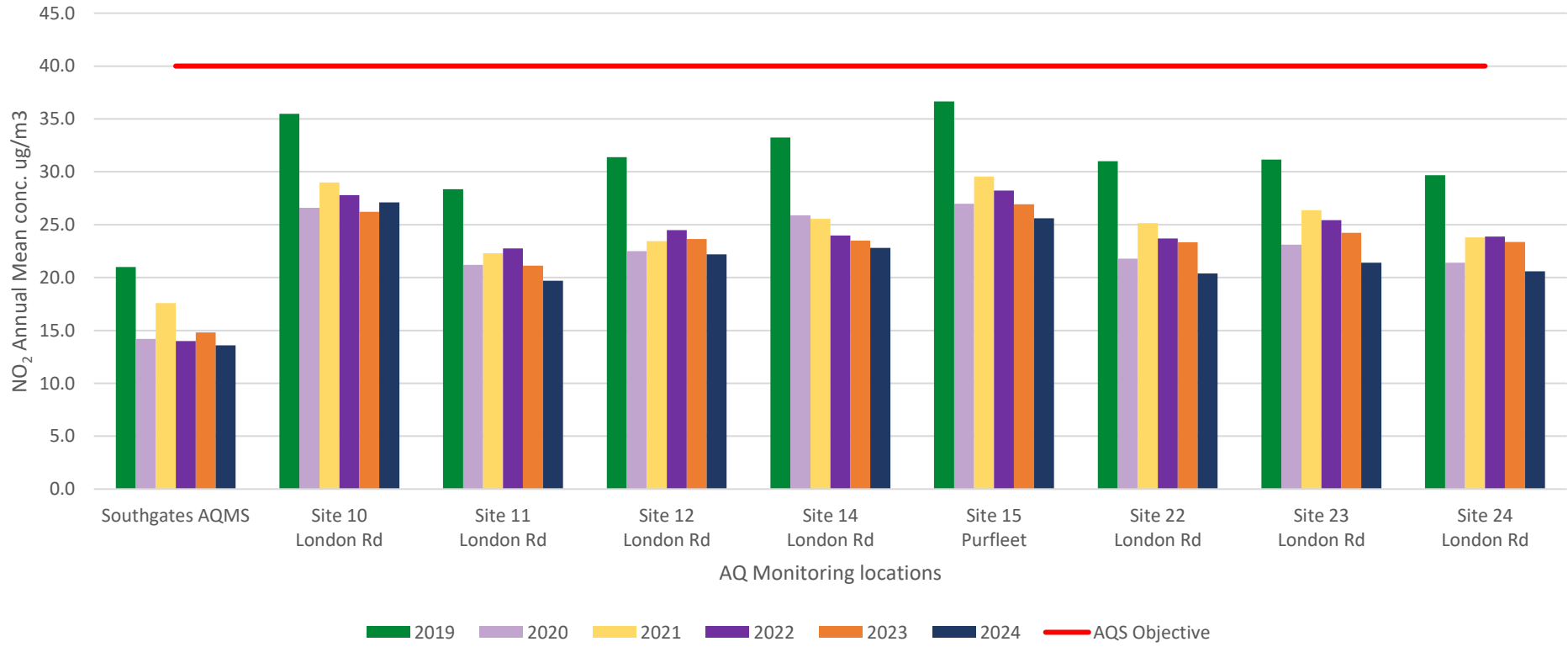
Railway Road AQMA Results

NO₂ Results 2019 - 2024
Railway Rd - Blackfriars AQMA



London Road AQMA Results

NO₂ Results 2019 - 2024
Along the London Rd AQMA



Railway Road Air Quality Management Areas

Borough Council of
King's Lynn &
West Norfolk



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)
- The area covered is shown on the following slide
- The area was declared because Nitrogen Dioxide was measured in the past above the annual mean objective of $40\mu\text{g}/\text{m}^3$
- The main source is from road traffic



**BOROUGH COUNCIL OF
KING'S LYNN & WEST NORFOLK**

Air Quality Management Order (Railway Road)



Borough Council of King's Lynn & West Norfolk, King's Court, Chapel Street, King's Lynn, Norfolk, PE30 1EX (the Council) in exercise of the powers conferred on it by the Environment Act 1995 Section 83 makes the following Order:-

- 1 This Order may be cited as the Borough Council of King's Lynn & West Norfolk Air Quality Management Area Order (Railway Road) and will come into operation on 1st November 2003.
- 2 The designated area, hatched on the plan prepared and sealed with the Common Seal of the Council, is declared to be the Air Quality Management Area for the Pollutant Nitrogen Dioxide (NO₂). The plan is deposited at the offices of the Council and can be inspected during normal working hours in the Environmental Protection Service at King's Court, Chapel Street, King's Lynn.
- 3 This Order may be varied or revoked by a subsequent Order.
- 4 Within 12 months of this Order coming into operation, the Council will carry out a further assessment of the current air quality, and the likely future air quality within the newly designated area to which this Order relates, and whether the air quality within the designated area is likely or unlikely to meet the air quality objectives for Nitrogen Dioxide.
- 5 Within 12 months of this Order coming into operation, the Council will prepare a written action plan in order to pursue the achievement of air quality standards and objectives in the designated area.
- 6 The Council may revise the area and/or the action plan from time to time.

Dated: 1st November 2003

THE COMMON SEAL OF
THE BOROUGH COUNCIL OF
KING'S LYNN AND WEST NORFOLK
was hereunto affixed in the presence of:-

Duly Authorised Signatory

F:\21\EPHEP\A\Qam\OrderRailway\221_7_03.doc
14-10-03



Railway Road AQMA (2003)

The first AQMA
was declared for
a small section
of Railway Road
around the bus
station entrance

Borough Council of
King's Lynn &
West Norfolk



BOROUGH COUNCIL OF KING'S LYNN & WEST NORFOLK

ENVIRONMENT ACT 1995, SECTION 83

THE BOROUGH COUNCIL OF KING'S LYNN & WEST NORFOLK
AIR QUALITY MANAGEMENT AREA VARIATION ORDER
(Railway Road) 2007

Whereas on the 1st November 2003 The Borough Council of King's Lynn & West Norfolk ("the council") made the Borough Council of King's Lynn & West Norfolk Air Quality Management Area Order (Railway Road) ("the 2003 Order") declaring that the area hatched on the map attached thereto to be an Air Quality Management Area ("the Designated Area") for the pollutant Nitrogen Dioxide (NO₂).

Following the latest Review & Assessment Report issued on the 16th December 2005, the Council has decided that the Designated Area needs to be expanded and, in exercise of its powers conferred upon it by section 83 (2) (a) of the Environment Act 1995, it hereby varies the 2003 Order by declaring that on the sealing of this Order the Designated Area is to be that etched red and shaded blue as indicated on the plan attached hereto in place of that indicated on the plan attached to the 2003 Order.

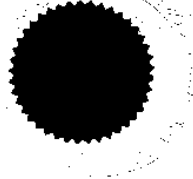
The Order shall be cited as the Borough Council of King's Lynn & West Norfolk Air Quality Management Area Variation Order (Railway Road) 2007.

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

The Common Seal of the Borough Council of
King's Lynn and West Norfolk

Legal Services Manager
Duly Authorised Signatory

This 9th day of February 2007

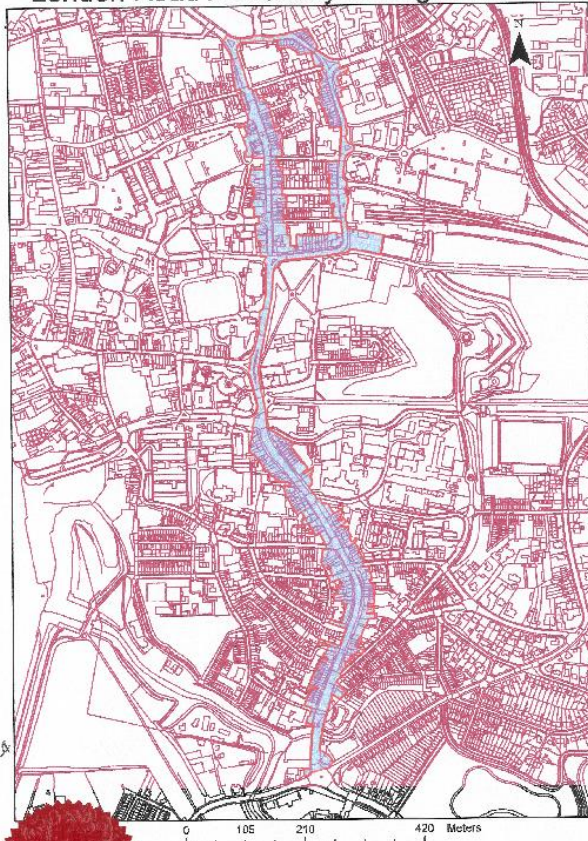


BYE/.../02/1/56415

CAB 5/19/106

Page 1

London Road Air Quality Management Area



On Ordnance Survey material with the permission of Ordnance Survey on behalf of the Controller of Her Majesty's Stationery Office. This document is the property of the Borough Council of King's Lynn & West Norfolk. It is to be used for the purposes for which it was issued. It is not to be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without the prior written permission of the Borough Council of King's Lynn & West Norfolk.

Legal Services Manager
Duly Authorised Signatory

Extended Railway Road AQAM (2007)

The Railway Road Air Quality Management Area was extended to include London Road and the whole gyratory (one way road system) in 2007.

Borough Council of
King's Lynn &
West Norfolk



Reasons for Revocation 1/3

- 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 has not been exceeded since 2019
- There are 5 years of monitoring data showing no exceedances in the AQMA



Reasons for Revocation 2/3

- There have been no exceedances outside the AQMA in the King's Lynn Urban area over the last 5 years
- The levels of NO₂ have shown a downward trend over the last several years, whilst the covid pandemic saw a further reduction during 2020, 2021 & 2022 there has been no significant post pandemic bounce back. Current NO₂ levels remain below the pre-pandemic levels
- The highest level inside the AQMA during 2024 was 32ug/m³



Reasons for Revocation 3/3

- Significant housing developments in and adjacent to the AQMA have been previously reviewed and their impacts assessed. These include the Knights Hill and West Winch developments.
- The impacts to traffic flow as part the Southgates Masterplan and Gyratory review have been considered.
- No significant impacts have been identified that would prevent the revocation of the AQMA.
- DEFRA guidance states that if there have been no exceedances of the relevant objective for the previous 5 years, then there is no longer a requirement to have an AQMA and it should be revoked

