

Proposed Extension of Salisbury Wilton Road Air Quality Management Area – August 2015

To: Salisbury Area Board

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Summary

A Detailed Assessment of nitrogen dioxide levels was required following identification of exceedance of the UK Air Quality Objective annual mean objective for nitrogen dioxide on Wilton Road, outside of the current Air Quality Management Area (AQMA).

The Detailed Assessment concluded that an extension of Salisbury (Wilton Road) AQMA is justified.

This report provides an over view of detailed assessment and proposes extension to cover area of exceedance along Wilton Road.

Introduction

Data for nitrogen dioxide levels is collected from across the County of Wiltshire throughout the year in accordance with Defra technical guidance LAQM.TG(09). The data is used to aid Wiltshire Council undertake its duties contained in The Environment Act 1995 and subsequent Regulations to review and assess air quality across the County.

Progress Reports are submitted to Defra annually (end of April) using prescribed templates. The reports include all 'new data' from the previous year, trends, details of major planning applications, industrial processes, new roads and action planning updates.

The Wiltshire Council 2012 Annual report indicated the necessity to carry out a 'detailed assessment' of an exceedance of the annual mean objective at 225 Wilton Road.

The Detailed Assessment concluded that the UK national Air Quality Objective (AQO) for the annual mean concentration of nitrogen dioxide (NO₂) of 40 µg/m³ is likely to be exceeded at the 225 Wilton Road monitoring site and that the Salisbury (Wilton Road) AQMA will need to be extended to include this site.

Site Name	Data Capture 2012 (months) a	2012 Annual Mean Concentration (µg/m ³) - Bias Adjustment factor = 0.96 -	Data Capture 2013 (months)	2013 Annual Mean Concentration (µg/m ³) - Bias Adjustment factor = 0.95	Data Capture 2014 (months)	2014 Annual Mean Concentration (µg/m ³) - Bias Adjustment factor = 0.91
225 Wilton Road	12	47	11	46	12	44

Current AQMAs

There are three AQMAs in Salisbury; one which covers the city centre, the second extends from St Marks Roundabout to the Tunnel Allotments on London Road and the third Covers St Pauls roundabout to Fountain Way on Wilton Road; it is this AQMA that we are recommending be extended along the remainder of Wilton Road to Skew Bridge. With the exception of the recent monitoring at 225 Wilton Road (The Halfway House), no exceedances of the air quality objectives for nitrogen dioxide have been reported on Wilton Road.

The monitoring location is shown on the following map of Salisbury alongside the existing AQMA boundary.



Figure1: red circle indicates diffusion tube located at 225 Wilton Road showing exceedance. ©Crown Copyright and Database Rights 2015 Ordnance Survey 100049050

Proposed AQMA

It is proposed to the Area Board that the Salisbury (Wilton Road) AQMA is extended to include the whole Wilton Road as far as centre of Skew Bridge and as elevated levels have also been experienced in the lower part of Devizes Road, it be included as far as Clifton Road. The boundaries of the AQMA would be the edge of the carriageway as shown on the following map.



Figure 2 Propose extent of revised AQMA on Wilton Road. ©Crown Copyright and Database Rights 2015 ordnance survey 100049050

Procedure following the declaration of an Air Quality Management Area

The enlarged area drawn in purple to the right in figure 2 is the existing AQMA. This follows the boundaries of properties; our approach in drawing the boundaries of recent AQMAs has been to follow the line of the road in question. The boundary is purely administrative for the purposes of making the order; the action planning process is not confined just to considering measures within the boundary of the AQMA but can consider the wider influences on traffic on this route. The extended AQMA will be included and referenced within the Wiltshire Air Quality Action Plan (AQAP). This document sets out how the local authority will use its powers and also work in conjunction with other organisations in pursuit of the Air Quality Objectives.

The approach we have taken in Wiltshire is to involve the local community through the area boards in developing local community actions which they develop and take ownership of for delivery. In Salisbury this is being achieved through the Salisbury Air Quality Management Group which has amongst its member's officers, councillors and local residents with an interest in air quality issues.

It should also be noted that following the declaration of an AQMA, the impact upon the Air Quality of any development proposed within or adjacent to the area will need to be assessed as a material planning consideration. Development will not automatically be prevented but should an adverse impact upon the air quality be identified then it would need to be taken into account and if necessary remediation measures proposed to counter any likely degeneration in the air quality.

Role of Area Board

The agreement of the local area board to the proposed extension is sought.

Attached Documents:

Draft AQMA Order