

Summary Air Quality Assessment Thames Street Lechlade

The Environment Act 1995 requires LA's to monitor their district to assess the air quality for certain pollutants. The selection of areas is prescriptive and therefore in line with technical guidance monitoring has been carried out in Thames Street Lechlade.

This is a narrow street with slow moving traffic and an average daily traffic count that in line with guidance is highlighted as a potential hot spot for pollution from traffic emissions.

Passive and real time continuous monitoring has been carried out over the last three years and reported on to Defra. The results confirm that for a narrow area at the north end of the street where there is "relevant exposure" i.e. Residential properties, the level of nitrogen dioxide is exceeding the national objective therefore we have to declare an Air Quality Management Area for this area in accordance with current regulations, and then consider options in conjunction with strategic partners that would improve the situation.

Defra has accepted the findings and confirmed the need to declare an AQMA for this area.

Diffusion tube results 2010-2012**National Objective 40µg/m³ as annual mean**

Location	2010	2011	2012	2013
	Annual mean NO ₂ bias adjusted µg/m ³			Not bias adjusted*
Lechlade - Thames Street	42.85	39.92	42.7	39.92*
Lechlade - Thames Street 2		41.11	38.5	41.11*
Lechlade - No. 4 Cottage	n/a	45.33	44.7	45.33*
Lechlade -Cottage 2 Thames Street	n/a	41.85	40.5	41.85*
Lechlade High Street	35.56	33.94	37.0	33.94*

Analyser Results Annual Mean

2011	2012
38.2µg/m ³	42 µg/m ³

(END)