

Wokingham AQMA – Summary of Annual Status Report 2023 (2022 data) and year to date continuous monitoring data (Calendar Q1-Q3)

The pollutant of concern is the annual mean nitrogen dioxide concentration.

The annual mean objective is 40 µg/m<sup>3</sup>

In 2022 the maximum annual mean NO<sub>2</sub> levels (at continuous monitoring or diffusion tube locations) within each respective AQMA was:

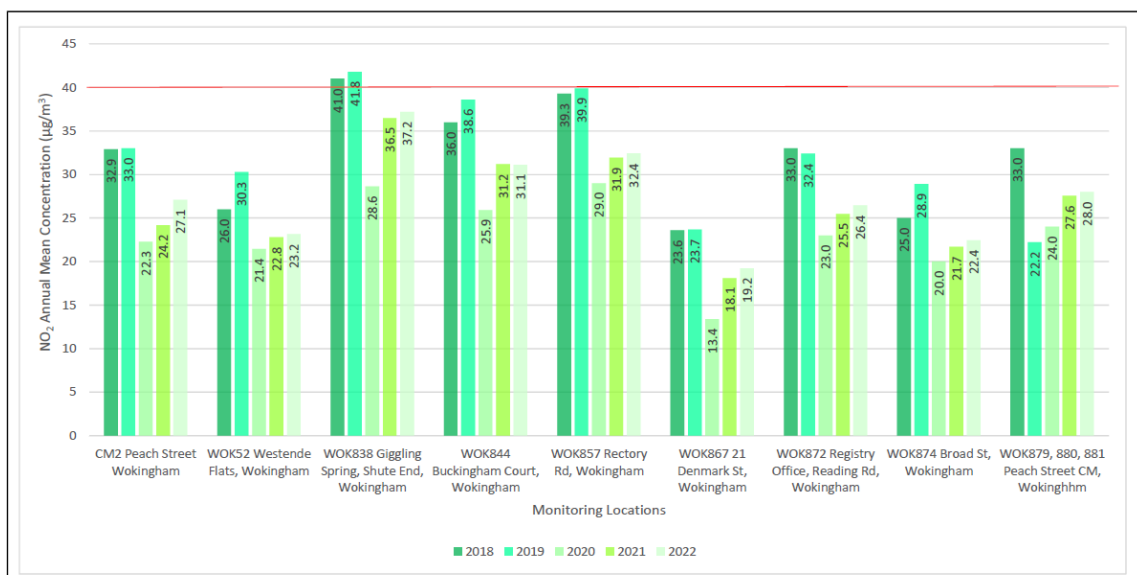
M4	21.5 µg/m <sup>3</sup>
Twyford Crossroads	32.8 µg/m <sup>3</sup>
Wokingham Town Centre	37.2 µg/m <sup>3</sup>

Please refer to revocation report for detail on data for M4 and Twyford Crossroads

For comparative purposes

Within Wokingham AQMA

Trends in Annual Mean NO<sub>2</sub> in Wokingham Town Centre AQMA 2018- 2022



NO<sub>2</sub> decreased substantially during covid. There has been a gradual increase in the annual mean levels since that time. In particular the data at the Shute End sampling location is above the level of the concern (36 µg/m<sup>3</sup>) at 37.2 µg/m<sup>3</sup>.

2023 to date continuous monitoring data for Wokingham Town Centre

Diffusion tube data is not yet available for 2023 and the continuous data has not been ratified (through QA QC processes) The provisional continuous monitoring data for the first 3 quarters of 2023, indicates a number of months with indicative increase in NO2 levels.

Month	Average NO concentration ( $\mu\text{g}/\text{m}^3$ )		Change	% NO2 monthly comparison
	2022	2023		
January	32.1	31.7	Decrease	-1
February	31.4	30.2	Decrease	-4
March	34.4	21.2	Decrease	-62
April	22.2	29.8	Increase	28
May	20.2	27.4	Increase	26
June	20.2	27.0	Increase	25
July	25.7	32.0	Increase	20
August	27.7	24.1	Decrease	-15
September	26.8	33.8	Increase	21
October			?	
November			?	
December			?	