

Rainsford Lane Summary 2023

NO₂ Data Summary for the monitoring period 1st January – 31st December 2023

OBJECTIVES:

- When expressed as an hourly mean the NO₂ objective is 200 micrograms per cubic metre or less. This is not to be exceeded more than eighteen times a year
- 40 micrograms per cubic metre or less, when expressed as an annual mean

2023	NO₂ Monthly Mean (µg/m³)	Number of Exceedance of 1 hour mean (200µg/m³)	Data Capture %
January	23.92	0	99.2
February	25.34	0	99.9
March	20.2	0	100
April	18.25	0	100
May	13.93	0	99.9
June	8.48	0	99.6
July	15.40	0	99.5
August			
September			
October			
November			
December			
Average to date:	Average to date: 17.93	Total: 0	99.72 %

Table 1: Summary of NO₂ (1-hour mean) data statistics for 2023

PM₁₀ Data Summary for the monitoring period 1st January – 31st December 2022

OBJECTIVES:

- When expressed as a twenty four hour mean the PM₁₀ objective is 50 micrograms per cubic metre or less. This is not to be exceeded more than thirty five times a year.
- 40 micrograms per cubic metre or less, when expressed as an annual mean.

2022	PM₁₀ Monthly Mean (µg/m³)	Number of Exceedance of 24 hour mean (50µg/m³)	Data Capture %
January	20.3	0	100
February	25.8	0	92.9
March	19.5	0	100
April	25.9	0	100
May	28	0	100
June	27.8	0	93.3
July	23.6	0	93.5
August			
September			
October			
November			
December			
	Average to date: 24.41	Total: 0	97.1%

Table 2: Summary of PM₁₀ (24-hour mean) data statistics for 2023