

## Rainsford Lane Summary 2024

NO<sub>2</sub> Data Summary for the monitoring period 1<sup>st</sup> January – 31<sup>st</sup> December 2024

### OBJECTIVES:

- When expressed as an hourly mean the NO<sub>2</sub> 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

<b>2024</b>	<b>NO<sub>2</sub> Monthly Mean (µg/m<sup>3</sup>)</b>	<b>Number of Exceedance of 1 hour mean (200µg/m<sup>3</sup>)</b>	<b>Data Capture %</b>
January	24.09	0	97.4
February	22.40	0	100
March	21.14	0	99.1
April			
May			
June			
July			
August			
September			
October			
November			
December			
	<b>Average to date: 22.54</b>	<b>Total: 0</b>	<b>98.83%</b>

Table 1: Summary of NO<sub>2</sub> (1-hour mean) data statistics for 2024

PM<sub>10</sub> Data Summary for the monitoring period 1<sup>st</sup> January – 31<sup>st</sup> December 2024

OBJECTIVES:

- When expressed as a twenty four hour mean the PM<sub>10</sub> 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.

<b>2024</b>	<b>PM<sub>10</sub> Monthly Mean (µg/m<sup>3</sup>)</b>	<b>Number of Exceedance of 24 hour mean (50µg/m<sup>3</sup>)</b>	<b>Data Capture %</b>
January	22.7	0	93.5
February	18.3	0	100
March	21.5	1	100
April			
May			
June			
July			
August			
September			
October			
November			
December			
	<b>Average to date: 20.83</b>	<b>Total: 1</b>	<b>97.83%</b>

Table 2: Summary of PM<sub>10</sub> (24-hour mean) data statistics for 2024