

## 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	11.33	0	100
May	30.6	0	100
June	21.04	0	100
July	17.79	0	100
August	16.07	0	99.3
September	17.02	0	100
October	22.76	0	98.1
November	23.52	0	99.6
December	20.46	0	90.7
	<b>Average to date: 20.69</b>	<b>Total: 0</b>	<b>98.68%</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	22.8	0	95.7
February	18.3	0	99.6
March	21.5	1	99.6
April	18.7	0	93.1
May	22.8	0	98.5
June	19.4	0	85.4
July	19	0	96.6
August	24.6	0	92.3
September	24.3	0	97.9
October	22.7	0	88.3
November	27.1	1	97.9
December	18	0	96.1
	<b>Average to date: 21.6</b>	<b>Total: 1</b>	<b>95.08%</b>

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