Springfield Road Lane Summary 2024

NO_2 Data Summary for the monitoring period 1st January – 31st December 2024

OBJECTIVES:

- When expressed as an hourly mean the NO_2 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

2024	NO_2 Monthly Mean ($\mu g/m^3$)	Number of Exceedance of 1 hour mean ($200\mu g/m^3$)	Data Capture %
January	54.52	0	99.9
February	35.90	0	99.3
March	32.59	0	99.5
April			
May			
June			
July			
August			
September			
October			
November			
December			
	Average to date: 41.00	**Total: 0**	**99.57%**

Table 1: Summary of NO_2 (1-hour mean) data statistics for 2024

PM$_{10}$ Data Summary for the monitoring period 1st January – 31st December 2024

OBJECTIVES:

- When expressed as a twenty four hour mean the PM$_{10}$ 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.

2024	PM$_{10}$ Monthly Mean (µg/m^3)	Number of Exceedance of 24 hour mean (50µg/m^3)	Data Capture %
January	18.1	0	100
February	16.3	0	100
March	18.2	1	100
April			
May			
June			
July			
August			
September			
October			
November			
December			
	Average to date: 17.53	Total: 1	100%

Table 3: Summary of PM$_{10}$ (24-hour mean) data statistics for 2024

PM$_{2.5}$ Data Summary for the monitoring period 1st January – 31st December 2024

OBJECTIVES:

- Work towards reducing emissions / concentrations of PM$_{2.5}$

2024	PM$_{2.5}$ Monthly Mean (µg/m^3)	Data Capture %
January	10.6	90.3
February	8.9	93.1
March	13.3	96.8
April		
May		
June		
July		
August		
September		
October		
November		
December		
	Average to date: 10.93	93.4%

Table 2: Summary of PM$_{2.5}$ (24-hour mean) data statistics for 2024