

## Chignal St James Summary 2023

NO<sub>2</sub> Data Summary for the monitoring period 1<sup>st</sup> January – 31<sup>st</sup> December 2023

### 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>2023</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	13.49	0	95
February	17.99	0	99.1
March	14.32	0	98.8
April	17.74	0	98.6
May	32.68	0	99.7
June	48.24	0	99.7
July	42.63	0	96.9
August			
September			
October			
November			
December			
<b>Average to date:</b>	<b>Average to date: 26.72</b>	<b>Total: 0</b>	<b>98.25%</b>

Table 1: Summary of NO<sub>2</sub> (1-hour mean) data statistics for 2023

PM<sub>10</sub> Data Summary for the monitoring period 1<sup>st</sup> January – 31<sup>st</sup> December 2023

**OBJECTIVES:**

Work towards reducing emissions / concentrations of PM

<b>2023</b>	<b>PM<sub>2.5</sub> Monthly Mean (µg/m<sup>3</sup>)</b>	<b>Data Capture %</b>
January	17	100
February	15.2	100
March	9	100
April	10.4	96.7
May	8.0	100
June	9.7	96.7
July	6.9	100
August		
September		
October		
November		
December		
	<b>Average to date: 10.88</b>	<b>99.05%</b>

Table 3: Summary of PM<sub>2.5</sub> (24-hour mean) data statistics for 2023