

Chignal St James Summary 2024

NO₂ Data Summary for the monitoring period 1st January – 31st December 2024

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

2024	NO₂ Monthly Mean (µg/m³)	Number of Exceedance of 1 hour mean (200µg/m³)	Data Capture %
January	8.70	0	99.7
February	7.05	0	99.7
March	12.70	0	99.6
April			
May			
June			
July			
August			
September			
October			
November			
December			
Average to date:	Average to date: 9.48	Total: 0	99.7%

Table 1: Summary of NO₂ (1-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

2024	PM_{2.5} Monthly Mean (µg/m³)	Data Capture %
January	10.5	96.8
February	8.0	100
March	12.2	93.5
April		
May		
June		
July		
August		
September		
October		
November		
December		
	Average to date: 10.23	96.8%

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