

## Appendix 1

### 4.1 UK Air Quality Objectives.

Pollutant	Averaging Period	Objective
Nitrogen dioxide (NO <sub>2</sub> )	1-hour mean	200 µg/m <sup>3</sup> (not to be exceeded more than 18 times per annum).
	Annual mean	40 µg/m <sup>3</sup>
Particulate Matter (PM <sub>10</sub> )	24-hour mean	50 µg/m <sup>3</sup> (not to be exceeded more than 35 times per annum).
	Annual mean	40 µg/m <sup>3</sup>
Particulate Matter (PM <sub>2.5</sub> )	Annual mean	25 µg/m <sup>3</sup> target concentration.

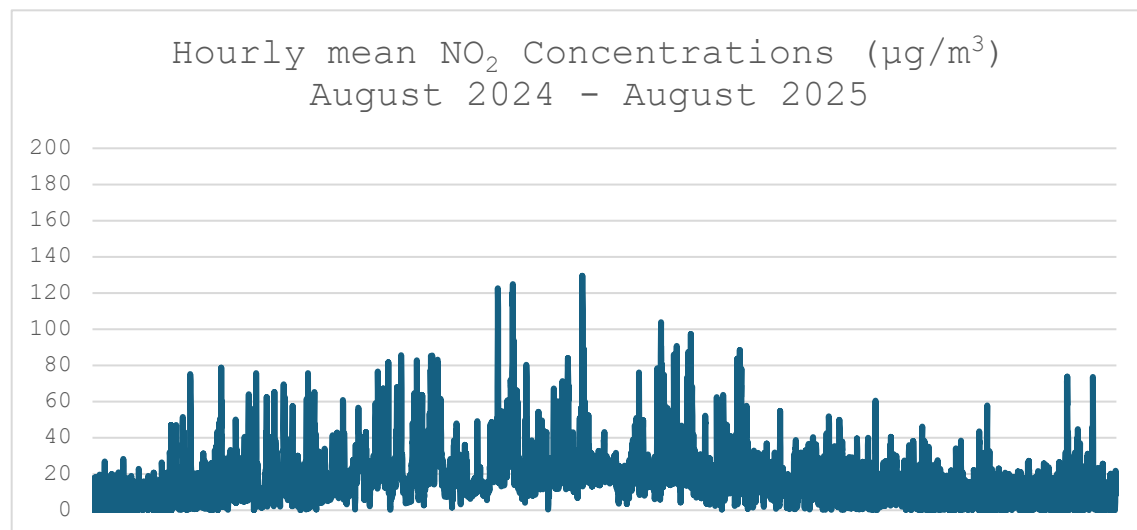
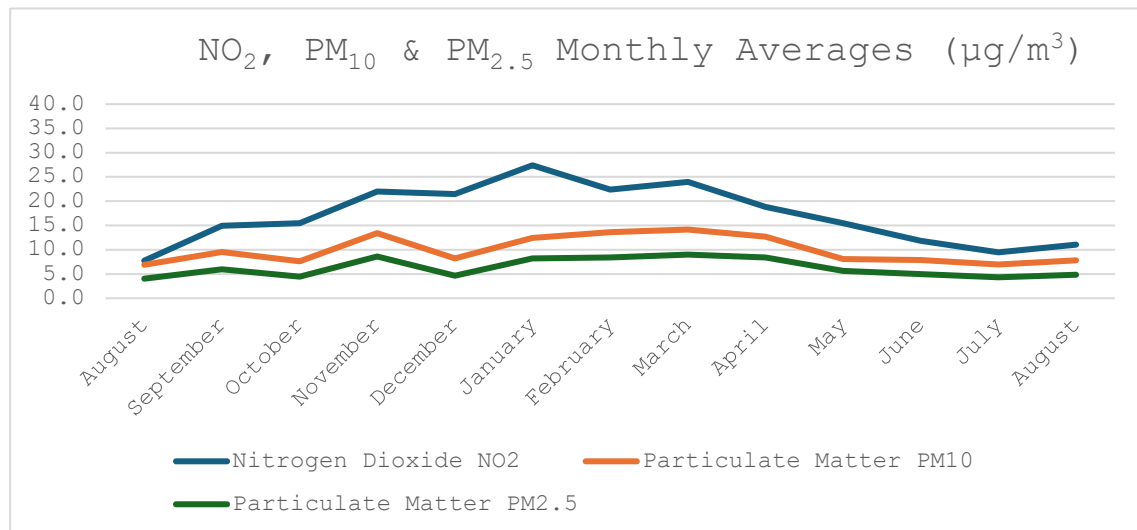
### 4.2 Holy Rosary Primary School, Sunnyside Crescent.

Monthly Means (µg/m<sup>3</sup>) 2024

	August	September	October	November	December
<b>Nitrogen Dioxide (NO<sub>2</sub>)</b>	7.8	14.9	15.5	22.0	21.5
<b>Particulate Matter (PM<sub>10</sub>)</b>	6.9	9.5	7.7	13.4	8.2
<b>Particulate Matter (PM<sub>2.5</sub>)</b>	4.0	6.0	4.5	8.6	4.7

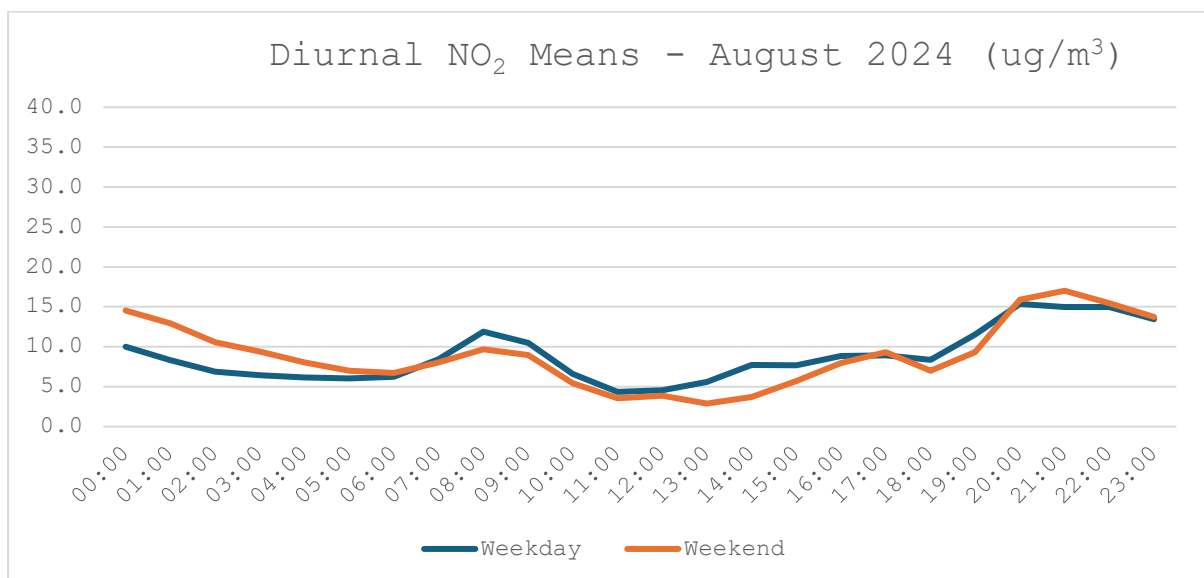
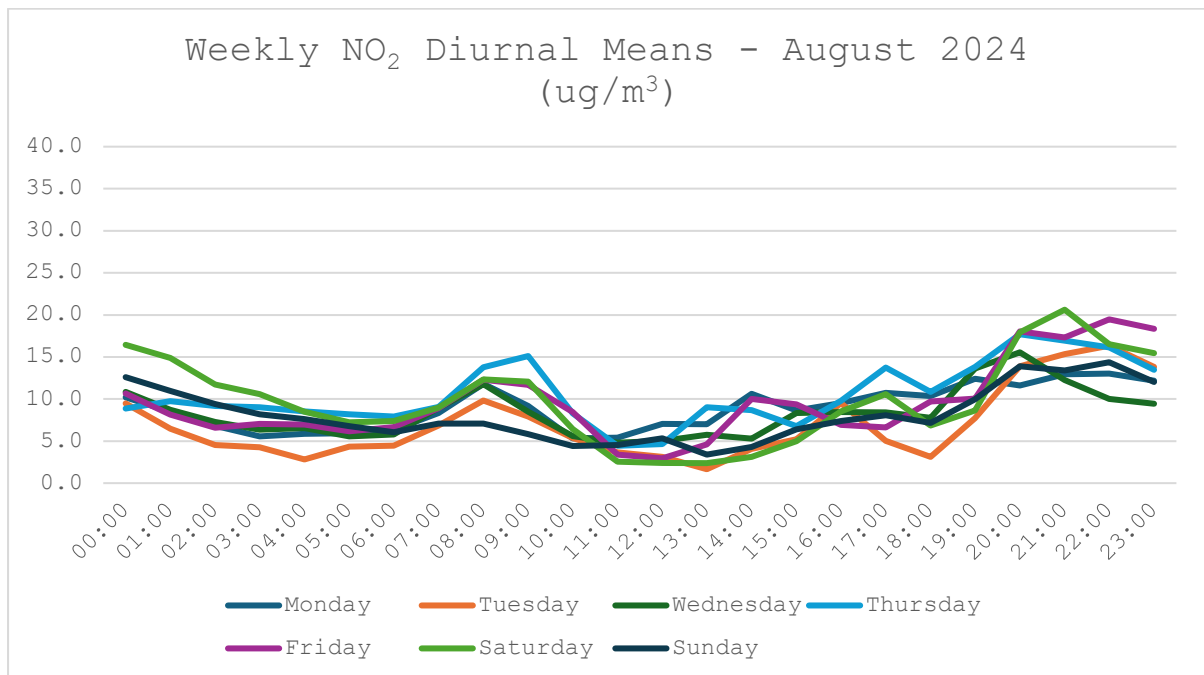
Monthly Means (µg/m<sup>3</sup>) 2025

	January	February	March	April	May	June	July	August
<b>Nitrogen Dioxide (NO<sub>2</sub>)</b>	27.4	22.4	24.0	18.8	15.4	11.8	9.5	11.0
<b>Particulate Matter (PM<sub>10</sub>)</b>	12.5	13.6	14.2	12.7	8.1	7.9	7.0	7.8
<b>Particulate Matter (PM<sub>2.5</sub>)</b>	8.2	8.4	9.0	8.4	5.6	5.0	4.3	4.9

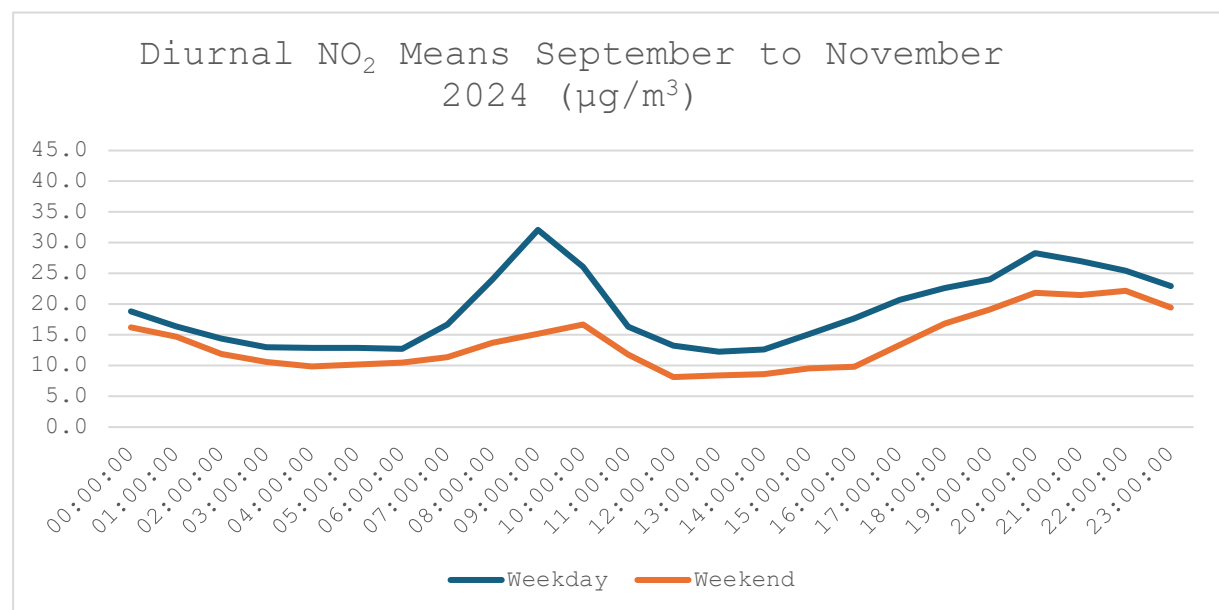
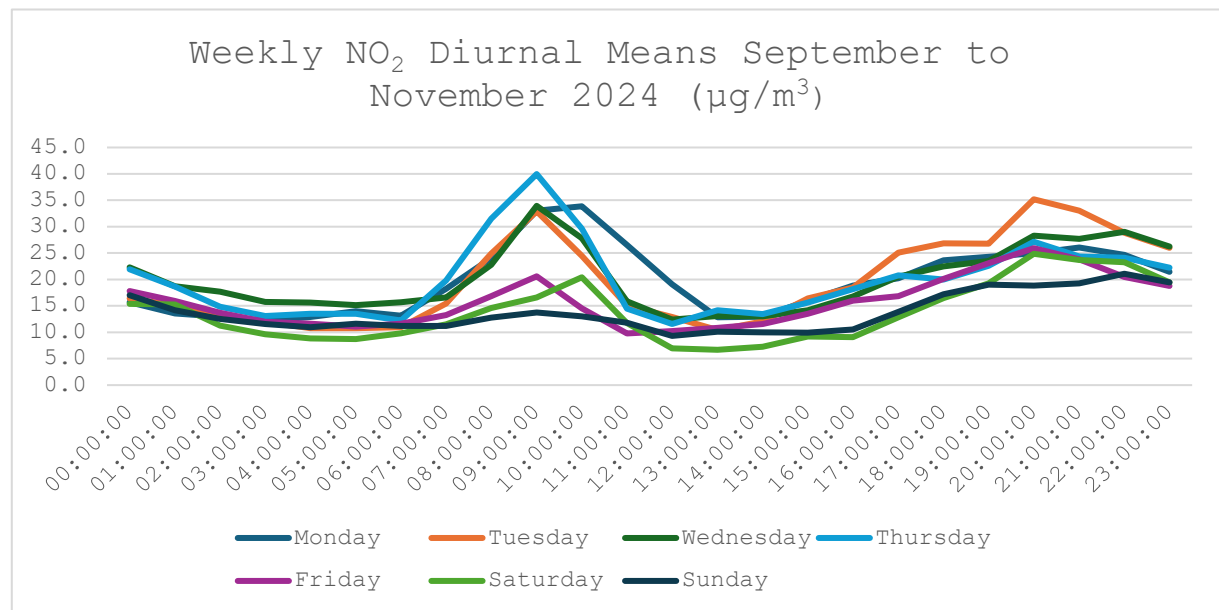


- The maximum nitrogen dioxide 1-hour mean concentration of 130 µg/m<sup>3</sup> occurred at 10:00 on Thursday 6<sup>th</sup> February 2025.
- The maximum particulate matter (PM<sub>10</sub>) 24 hour mean concentration of 46 µg/m<sup>3</sup> occurred on Thursday 20<sup>th</sup> March 2025.
- The maximum particulate matter (PM<sub>2.5</sub>) 24-hour mean concentration of 28 µg/m<sup>3</sup> occurred on Thursday 20<sup>th</sup> March 2025.

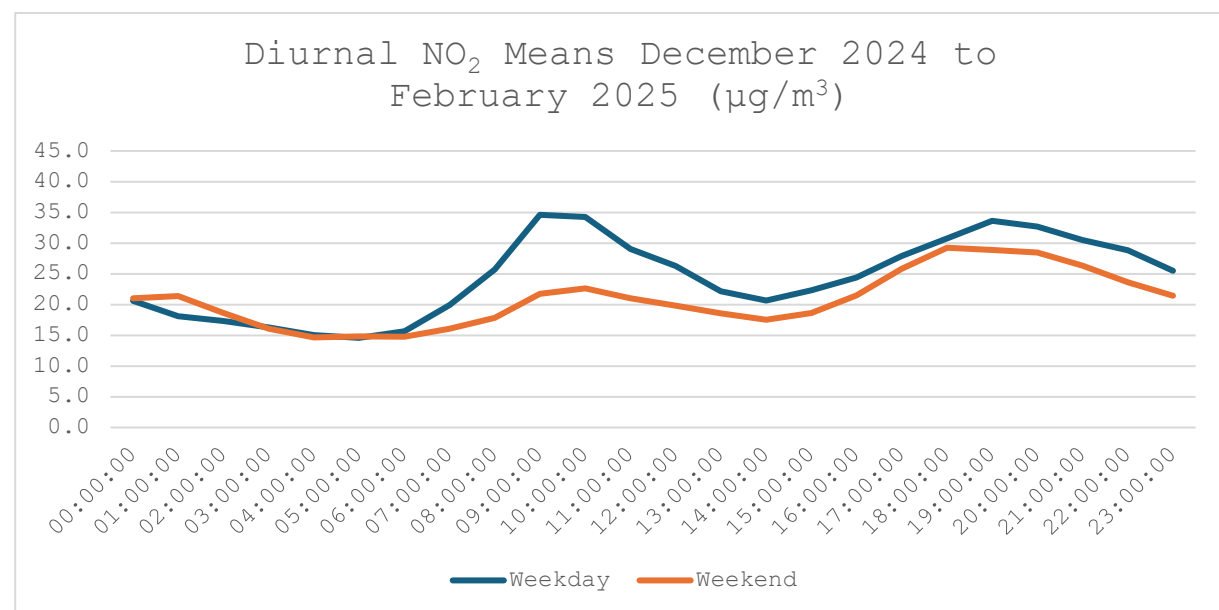
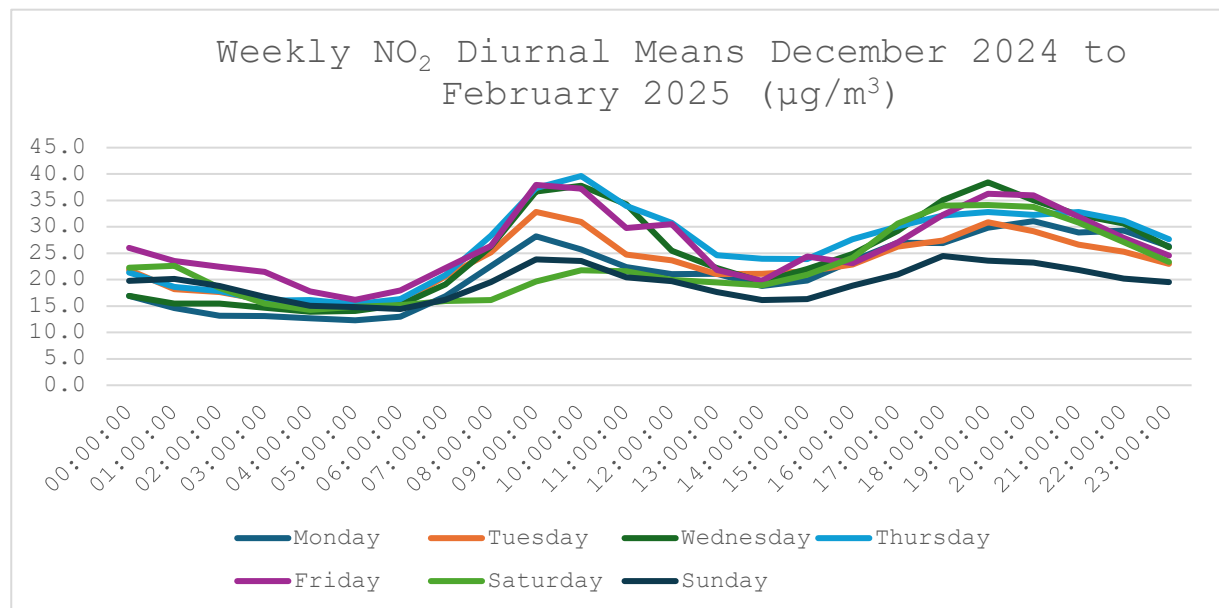
**Summer period: August 2024.**



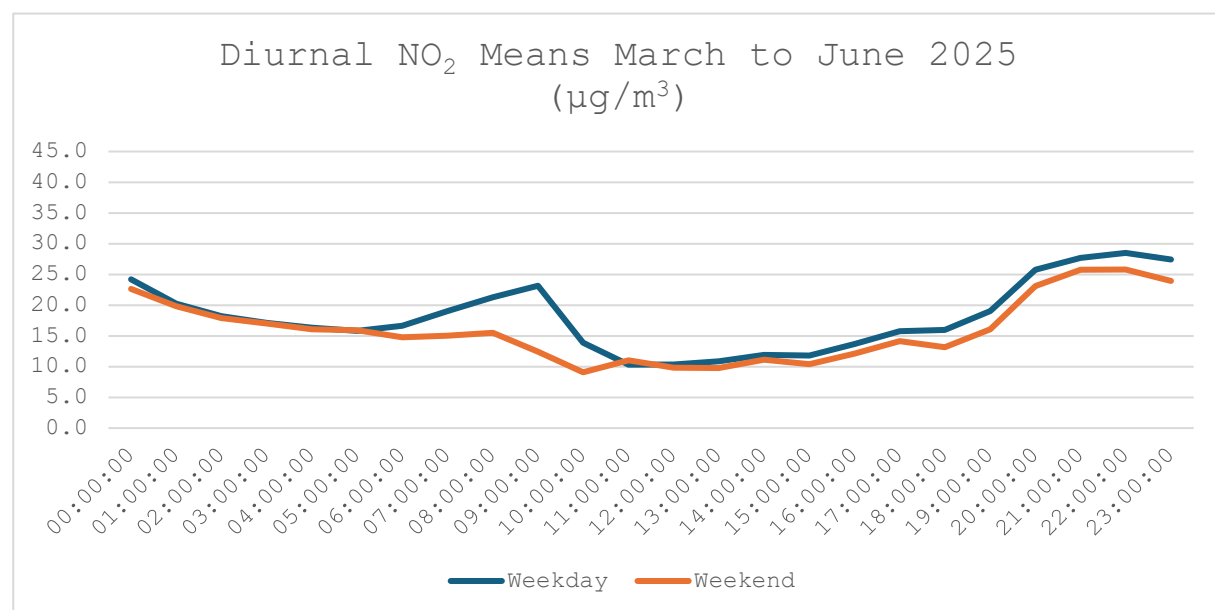
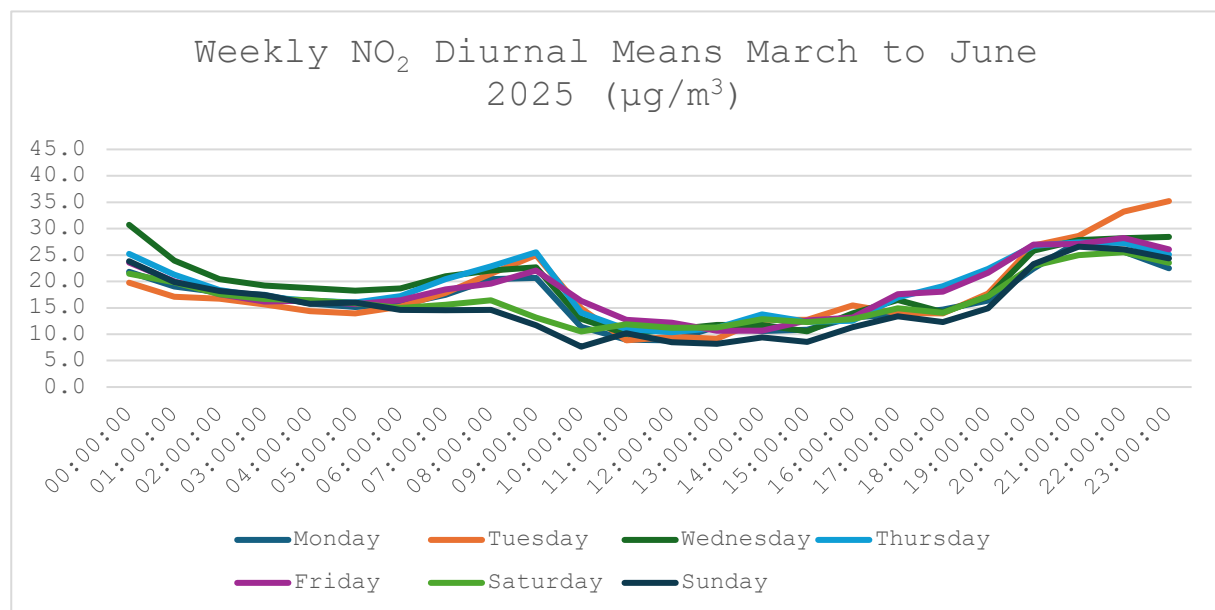
**Autumn period: September, October and November 2024.**



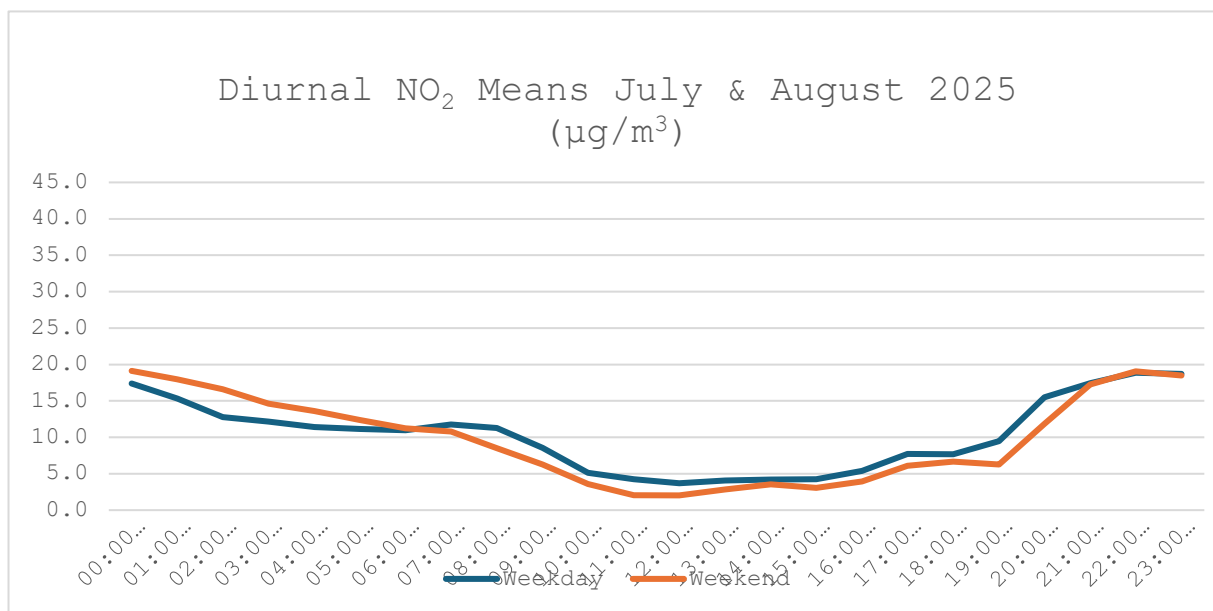
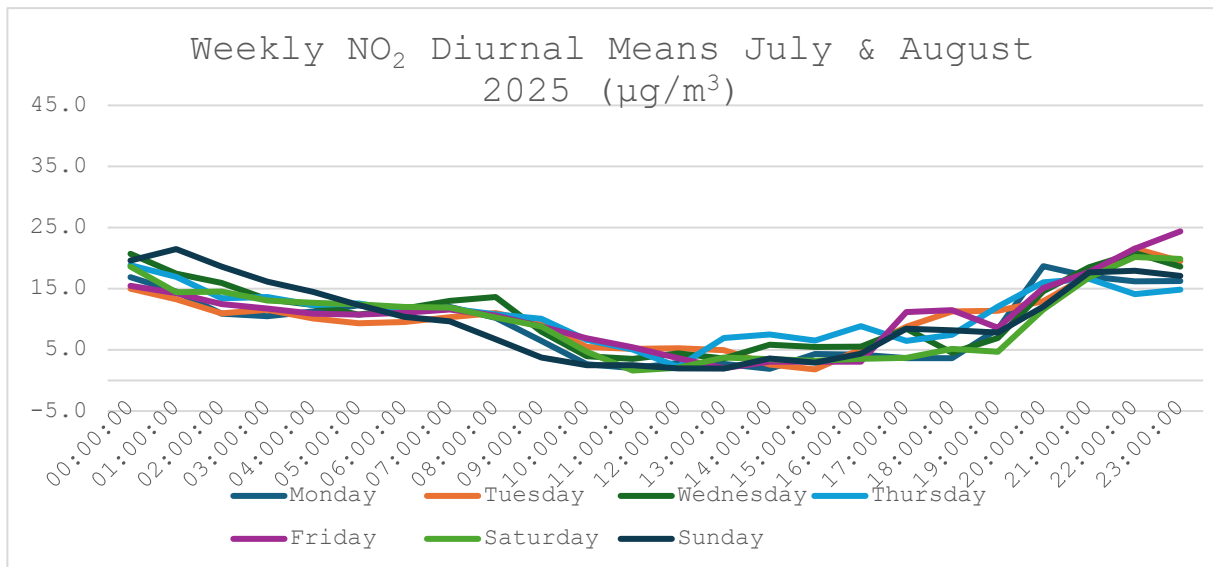
Winter period: December 2024, January and February 2025.



**Spring period: March, April, May and June 2025.**



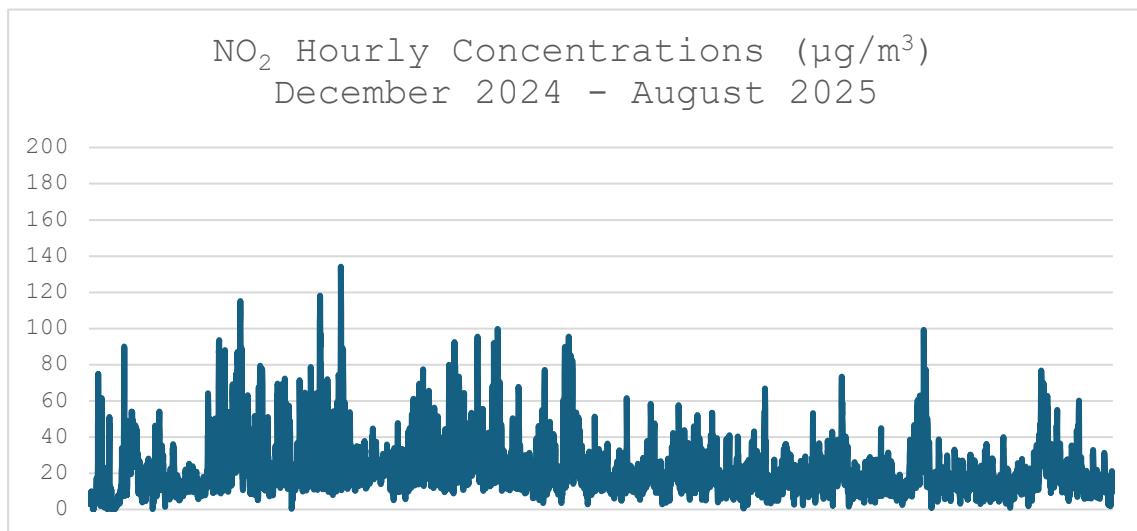
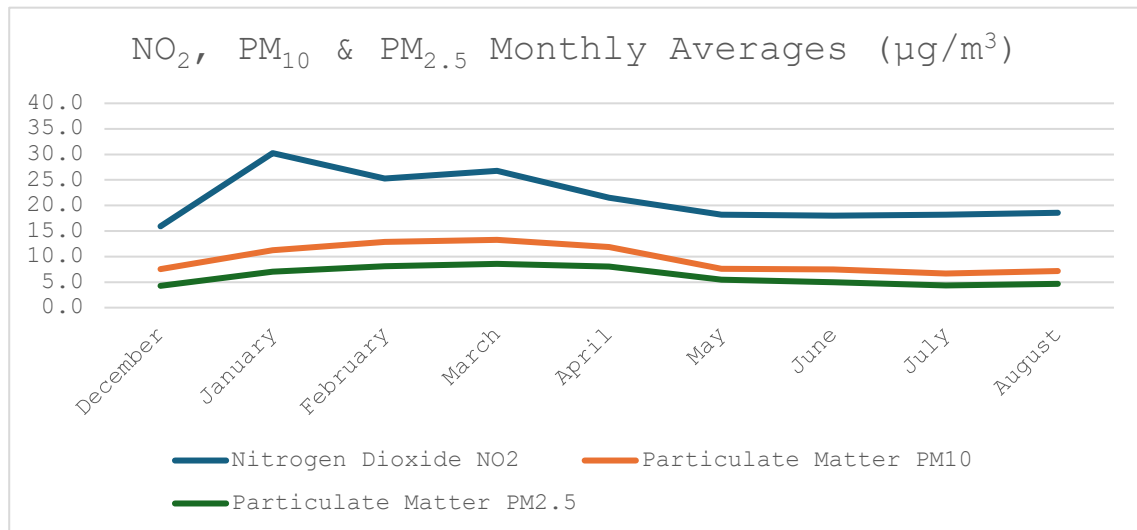
**Summer period: July and August 2025.**



### 4.3 Nettlefield Primary School, Cherryville Street.

Monthly Means ( $\mu\text{g}/\text{m}^3$ ) 2024 - 2025

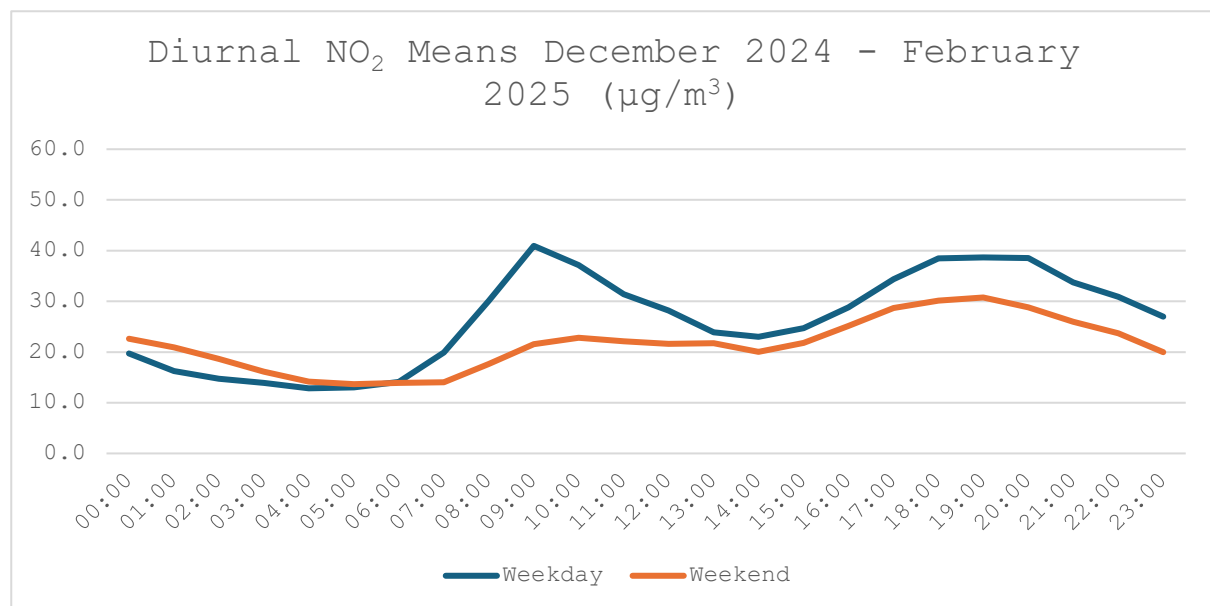
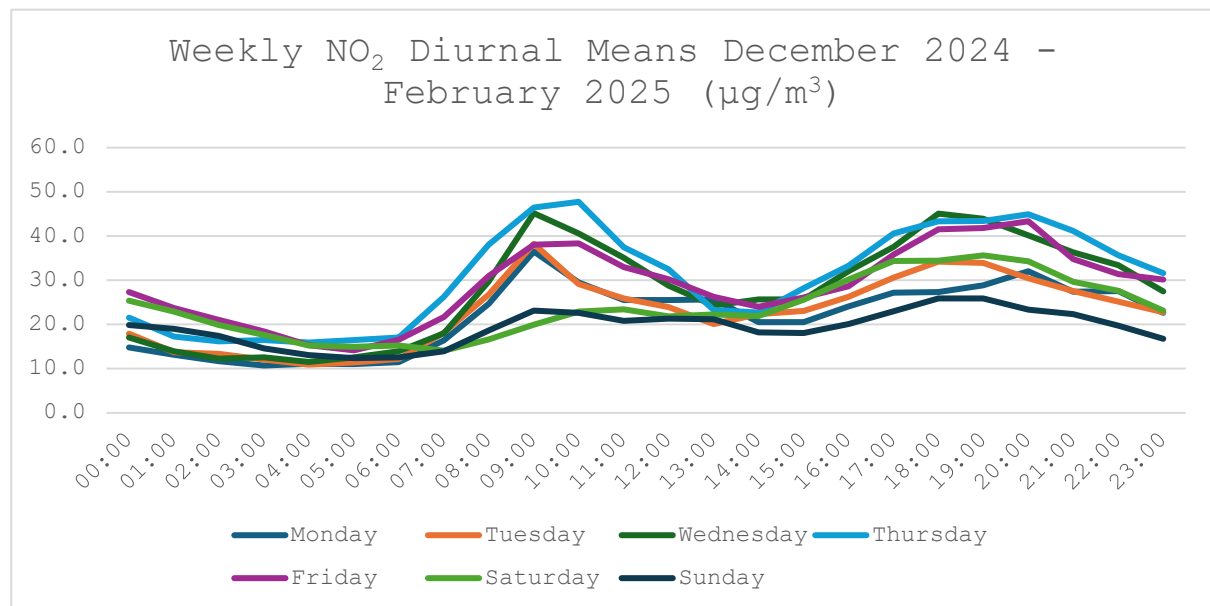
	December	January	February	March	April	May	June	July	August
<b>NO<sub>2</sub></b>	15.9	30.3	25.3	26.8	21.5	18.2	18.0	18.2	18.6
<b>PM<sub>10</sub></b>	7.5	11.2	12.8	13.3	11.9	7.6	7.5	6.7	7.2
<b>PM<sub>2.5</sub></b>	4.3	7.0	8.1	8.6	8.0	5.5	5.0	4.4	4.7



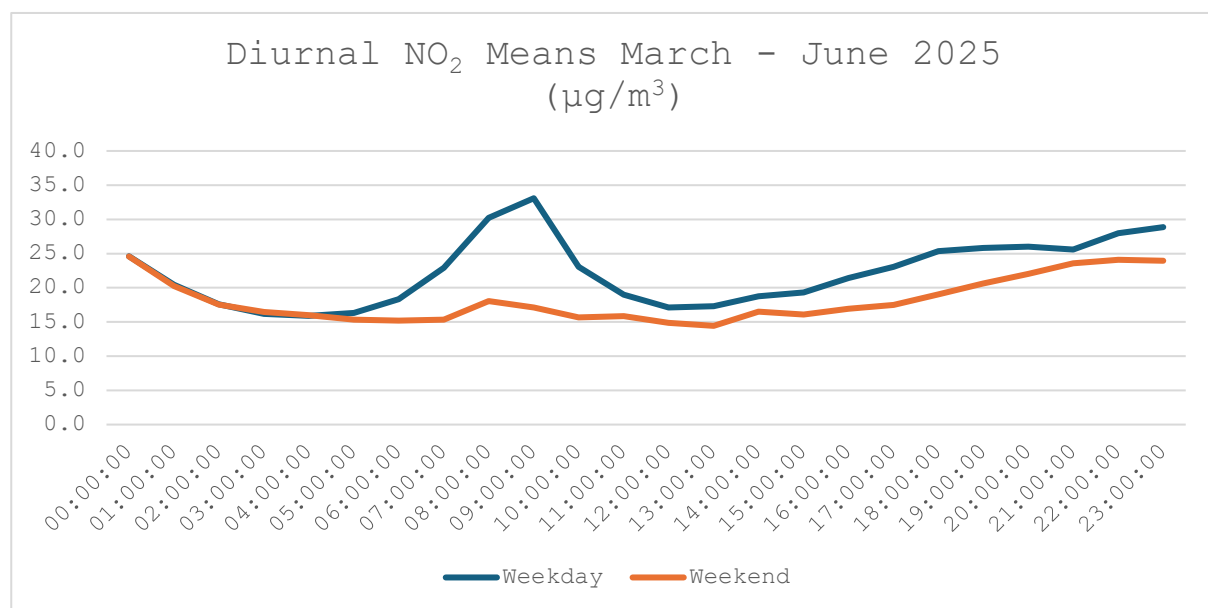
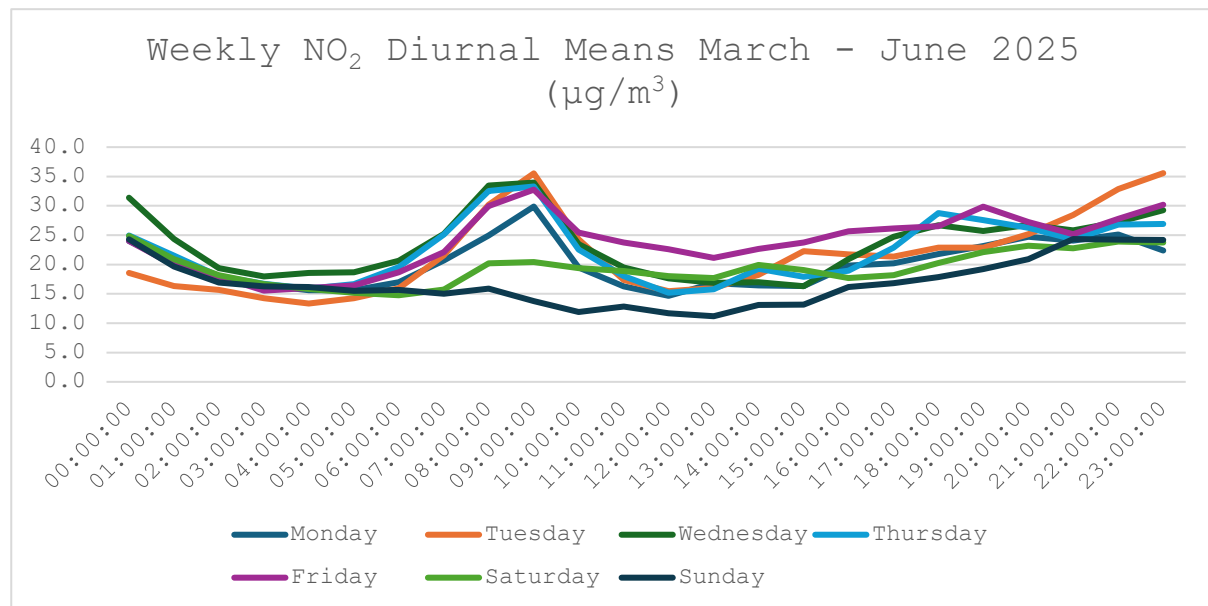
- The maximum nitrogen dioxide (NO<sub>2</sub>) 1-hour mean concentration of 134  $\mu\text{g}/\text{m}^3$  occurred at 10:00 on Thursday 6<sup>th</sup> February 2025.
- The maximum particulate matter PM<sub>10</sub> 24-hour mean concentration of 46  $\mu\text{g}/\text{m}^3$  occurred on Thursday 20<sup>th</sup> March 2025.
- The maximum particulate matter PM<sub>2.5</sub> 24-hour mean concentration of 29  $\mu\text{g}/\text{m}^3$  occurred on Thursday 20<sup>th</sup> March 2025.



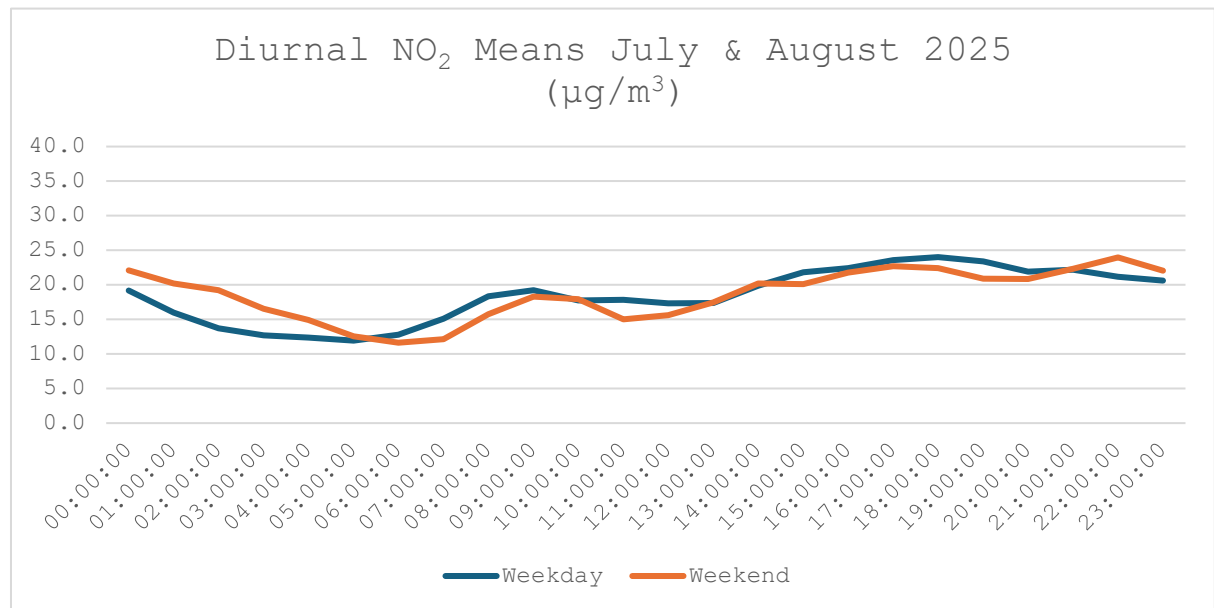
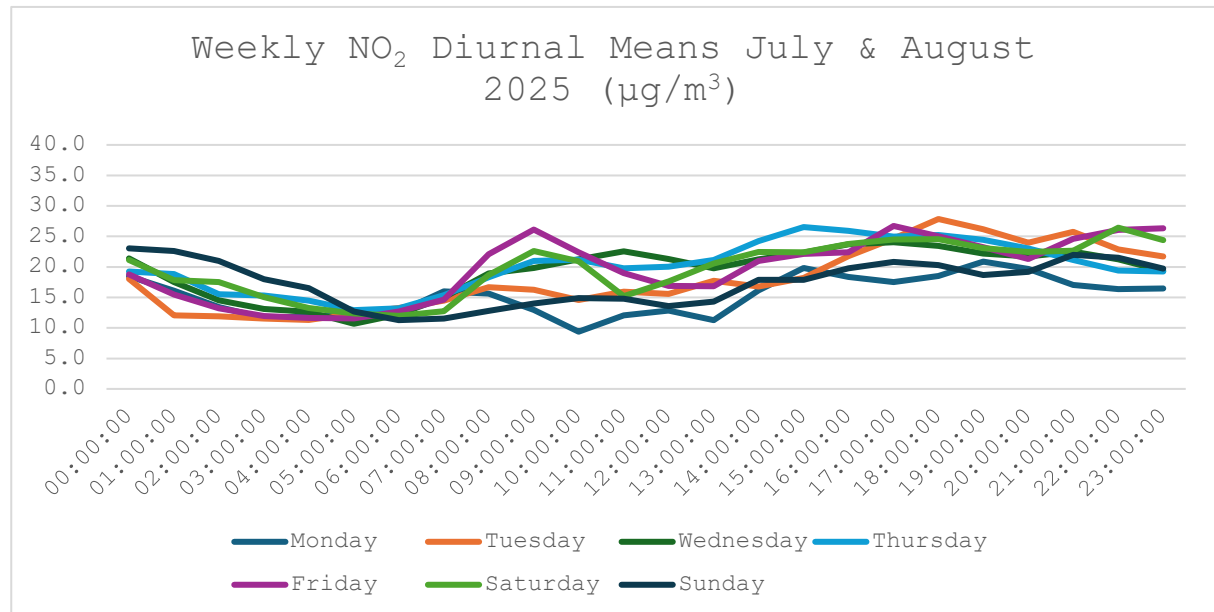
**Winter period: December 2024 to February 2025.**



**Spring period: March, April, May and June 2025.**



**Summer period: July and August 2025.**



#### 4.4 Rosetta Primary School, Knockbreda Road.

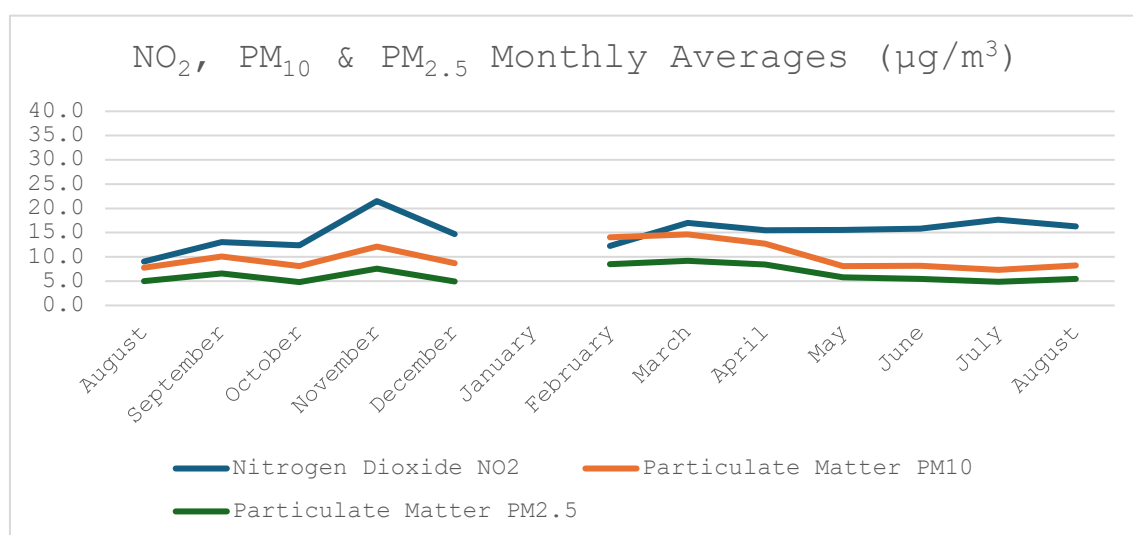
##### Monthly Means ( $\mu\text{g}/\text{m}^3$ ) 2024

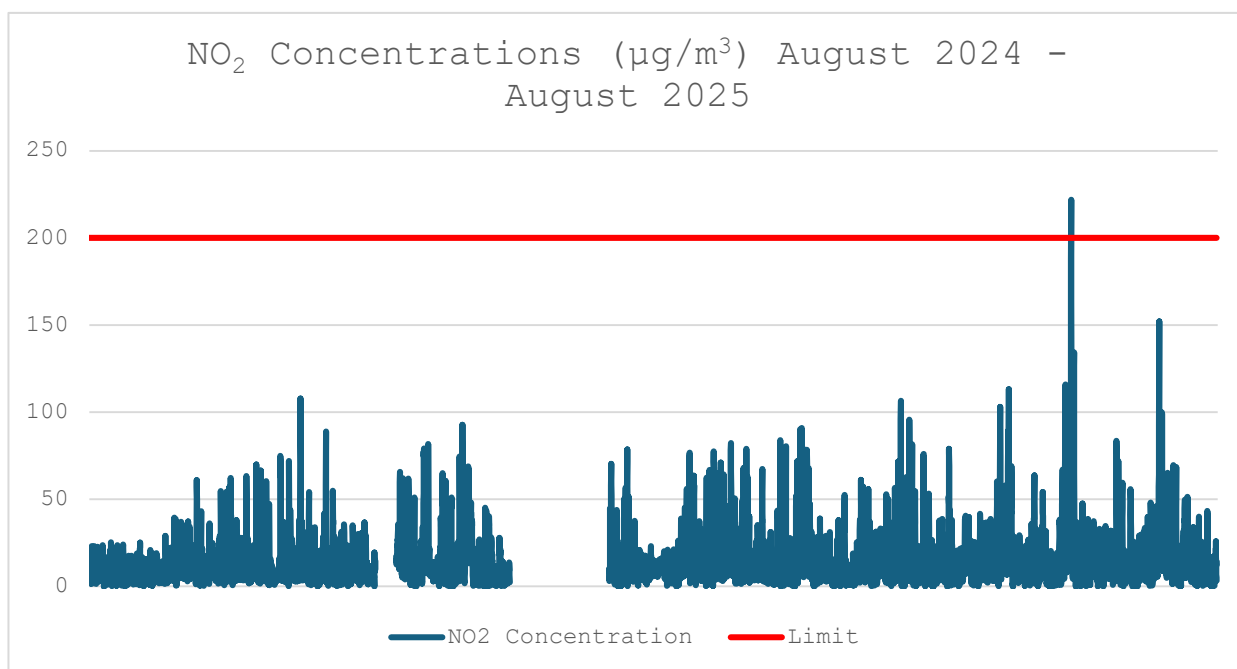
2024	August	September	October	November	December
NO <sub>2</sub>	9.1	13.0	12.4	21.5	14.7
PM <sub>10</sub>	7.8	10.1	8.1	12.2	8.7
PM <sub>2.5</sub>	5.0	6.6	4.8	7.6	4.9

##### Monthly Means ( $\mu\text{g}/\text{m}^3$ ) 2025

2025	January	February	March	April	May	June	July	August
NO <sub>2</sub>	-	12.3	17.0	15.5	15.6	15.8	17.7	16.3
PM <sub>10</sub>	-	14.0	14.6	12.7	8.1	8.3	7.3	8.2
PM <sub>2.5</sub>	-	8.5	9.2	8.4	5.8	5.5	4.9	5.4

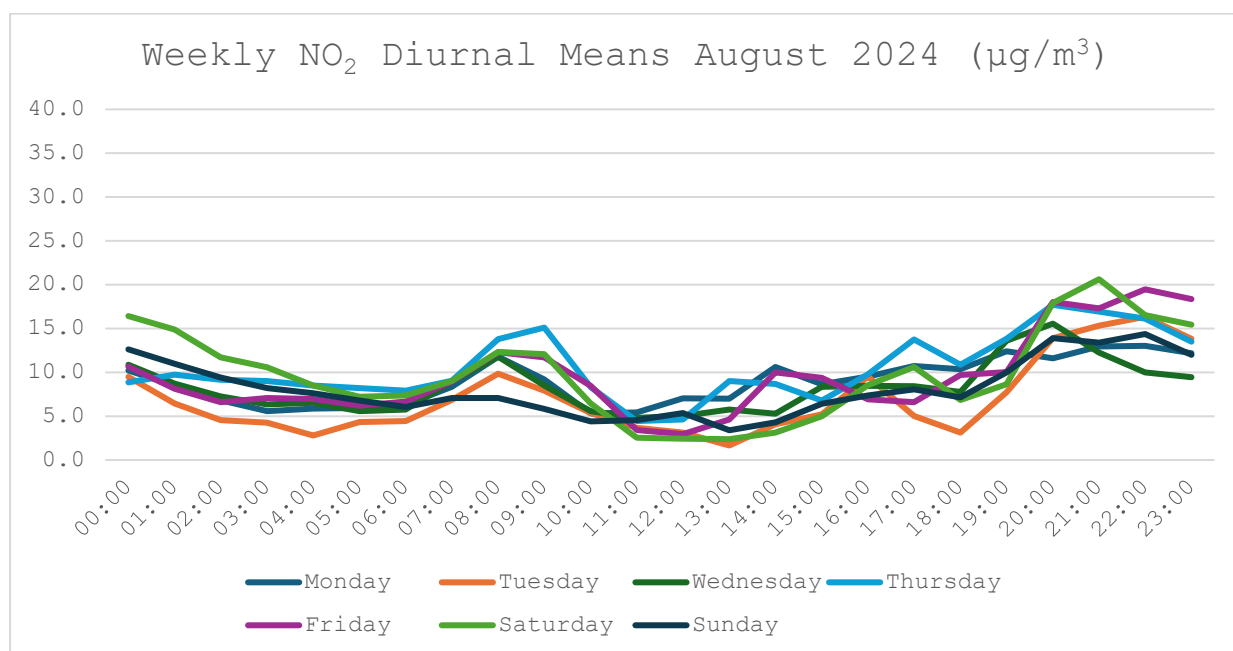
January 2025 data was removed due to an instrument fault identified during data ratification.

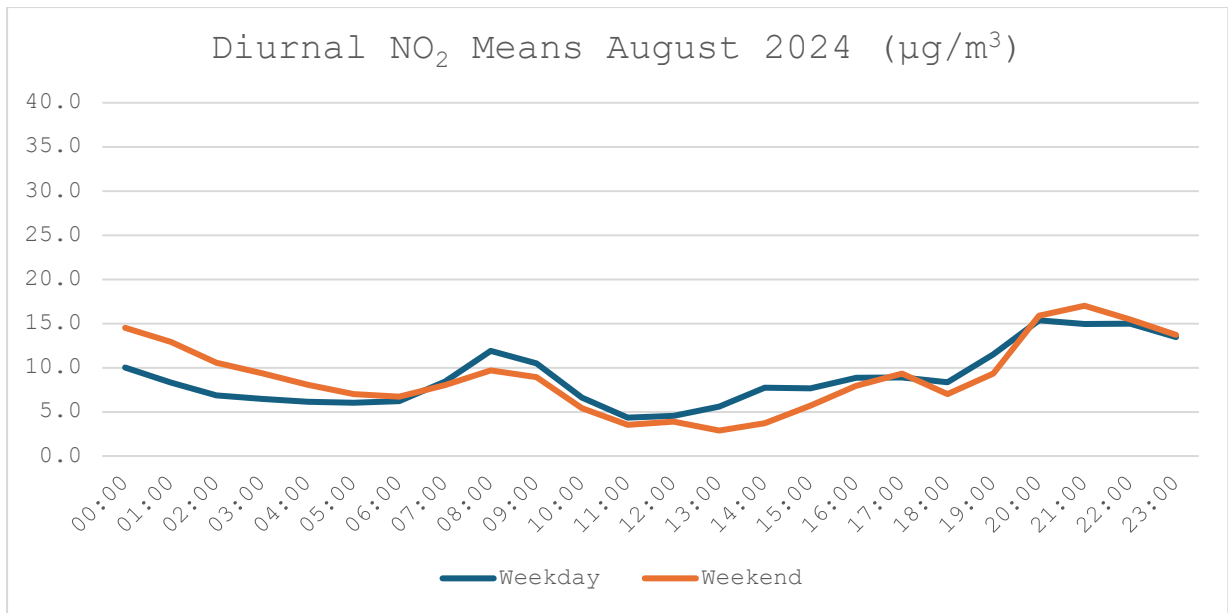




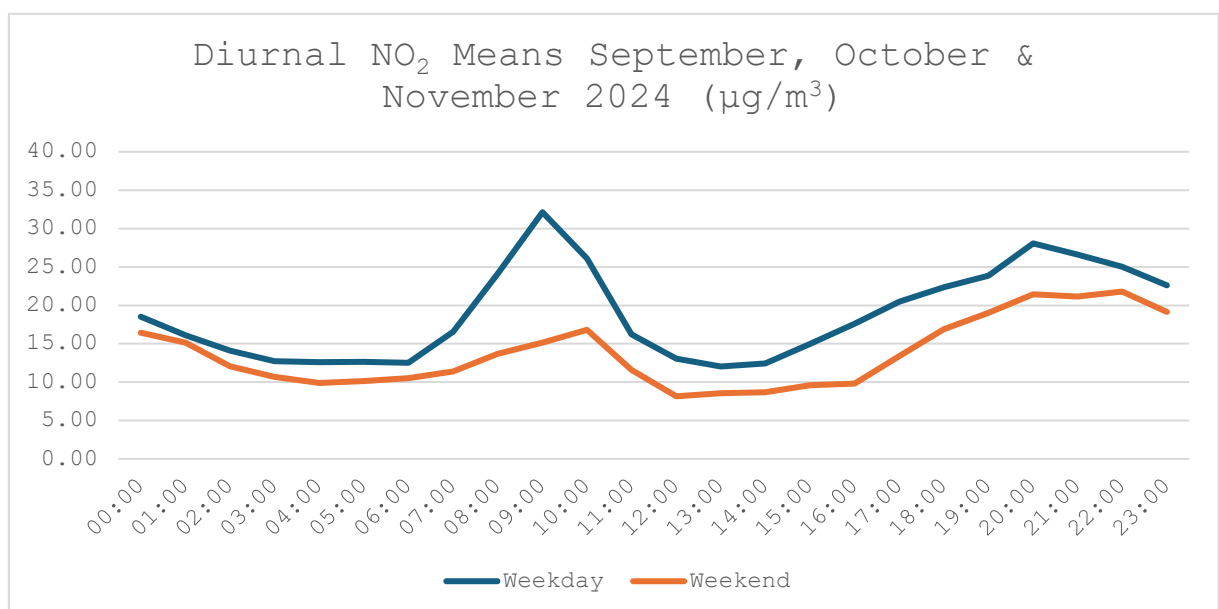
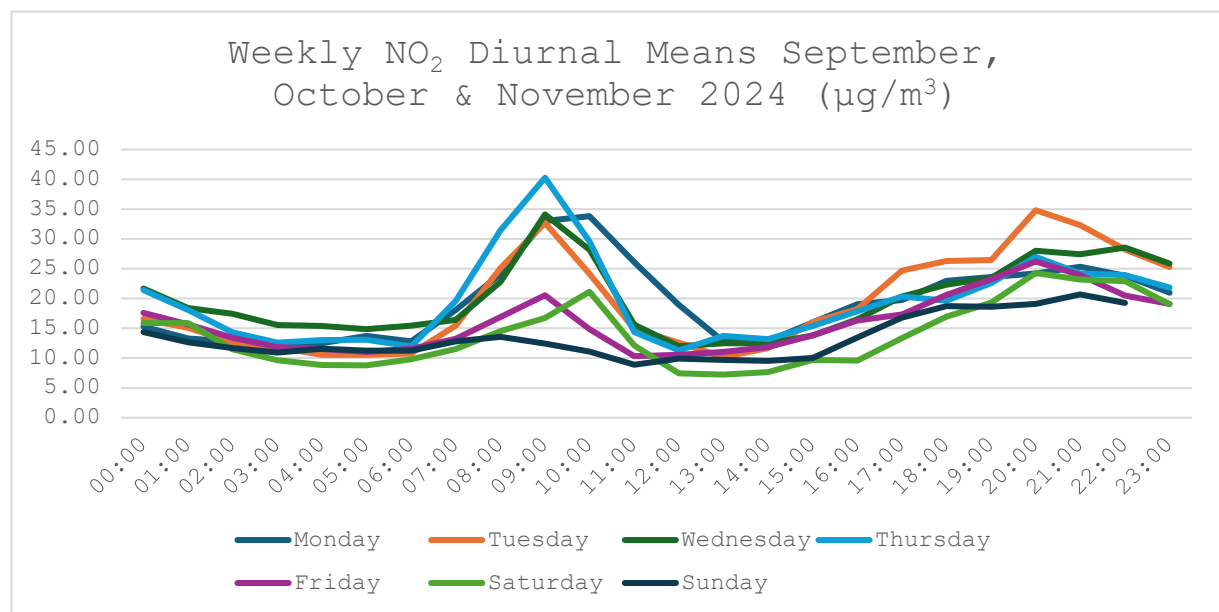
- There was one monitored exceedance of the nitrogen dioxide (NO<sub>2</sub>) 1-hour mean objective of 200 µg/m<sup>3</sup>, which occurred on Saturday 12<sup>th</sup> July 2025 at 18:00 - 222 µg/m<sup>3</sup>.
- The maximum particulate matter (PM<sub>10</sub>) 24 hour mean concentration of 49 µg/m<sup>3</sup> occurred on Thursday 20<sup>th</sup> March 2025
- The maximum particulate matter (PM<sub>2.5</sub>) 24 hour mean concentration of 29 µg/m<sup>3</sup> occurred on Thursday 20<sup>th</sup> March 2025.

#### Summer period 2024: August 2024.

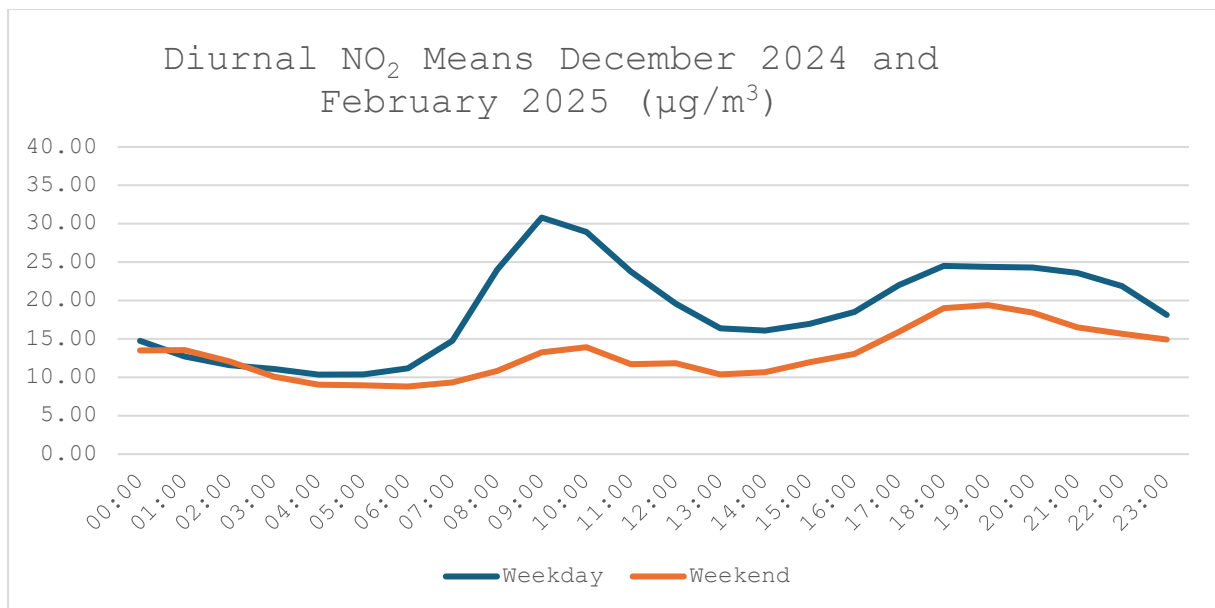
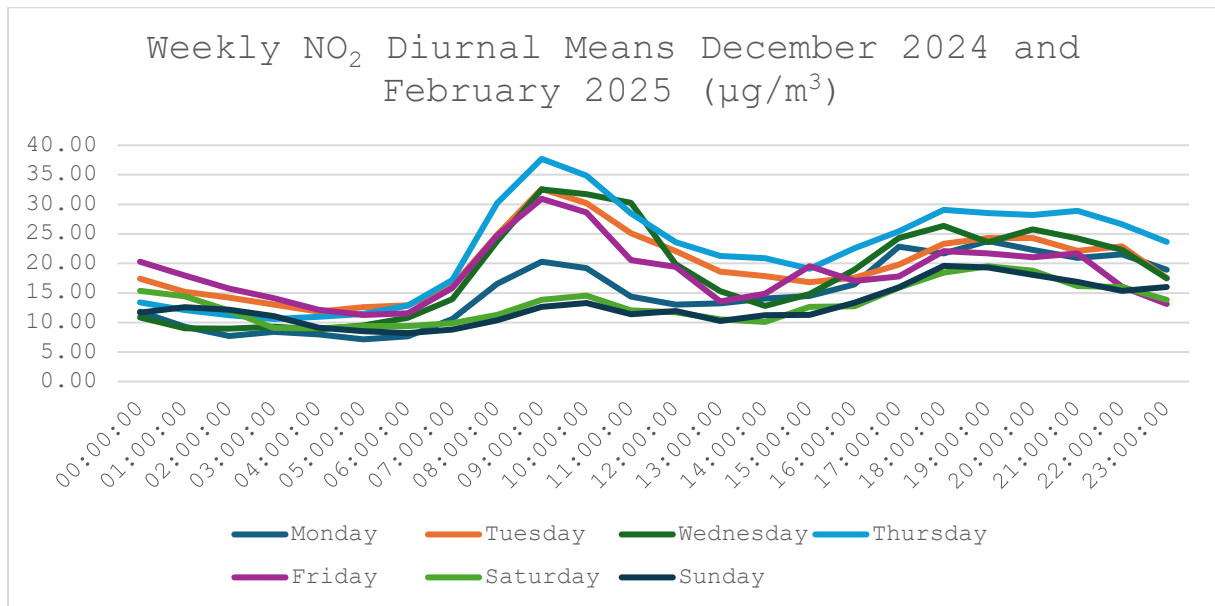




**Autumn period: September, October and November 2024.**

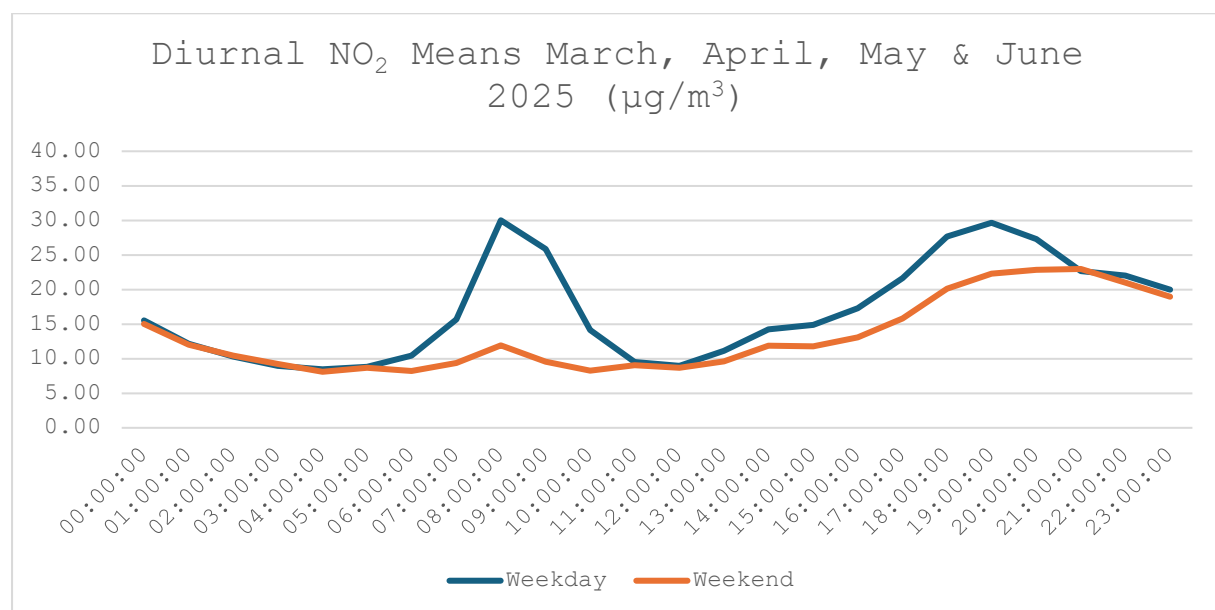
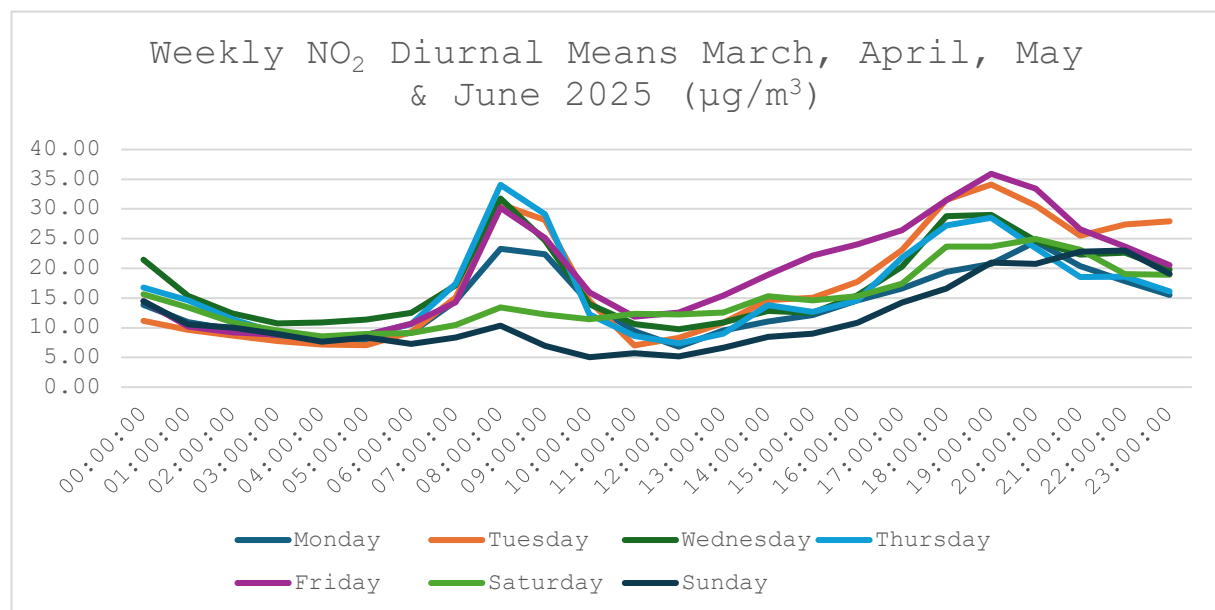


**Winter period: December 2024 and February 2025. (January 2025 data was removed during data ratification).**

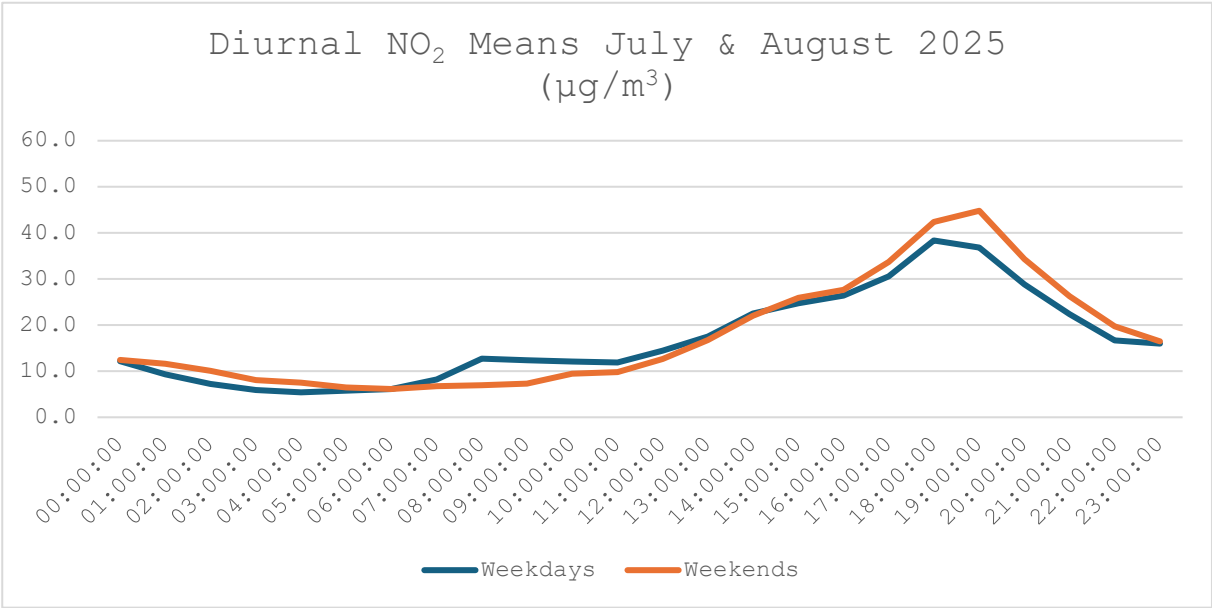
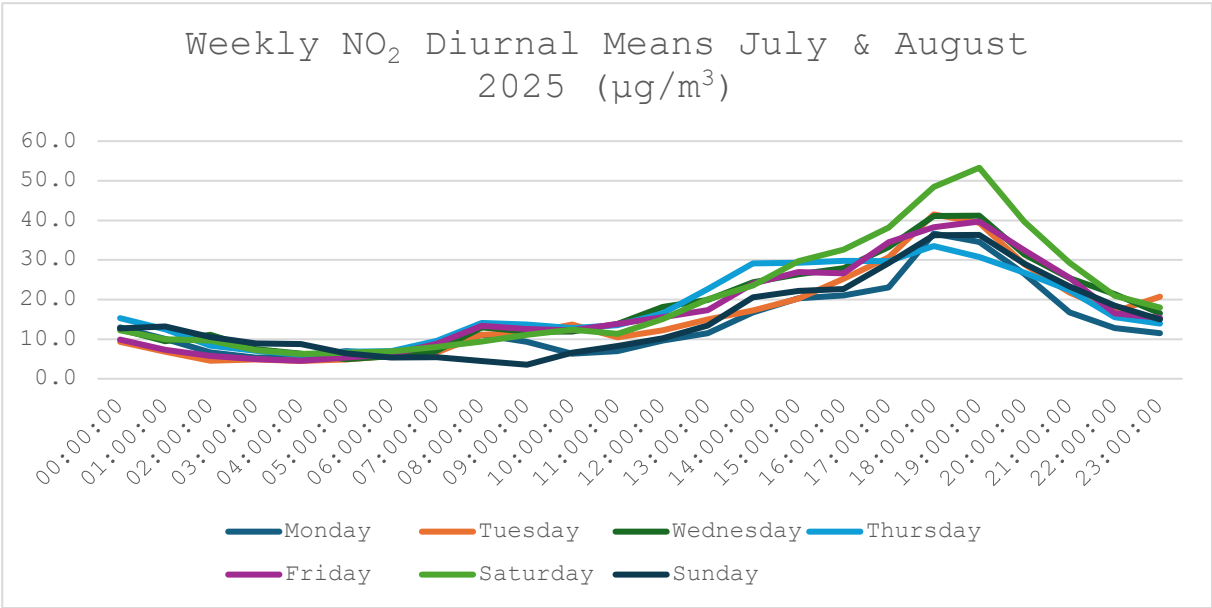




**Spring period: March, April, May and June 2025.**



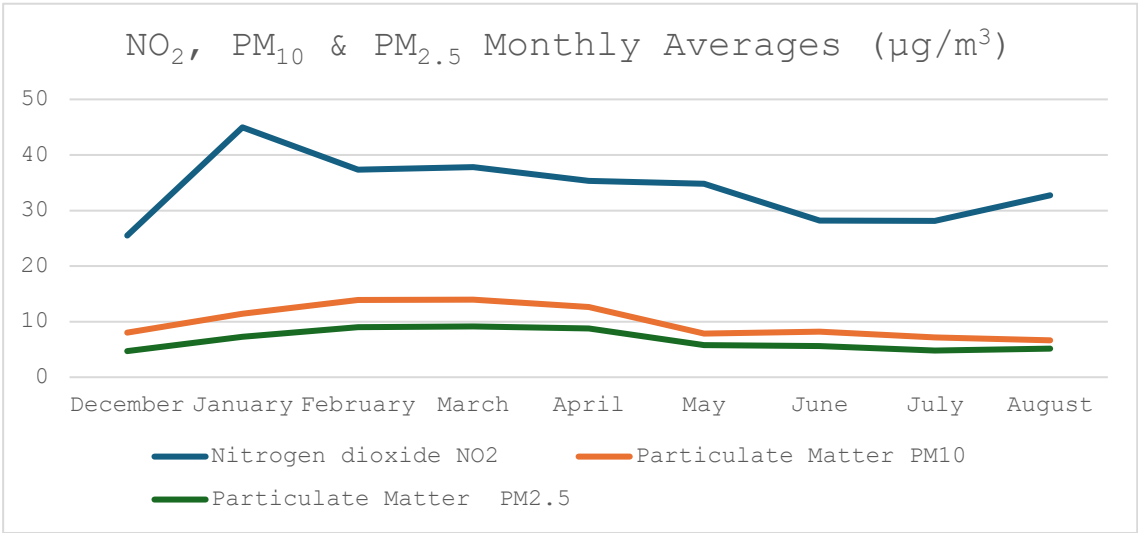
Summer period: July and August 2025.

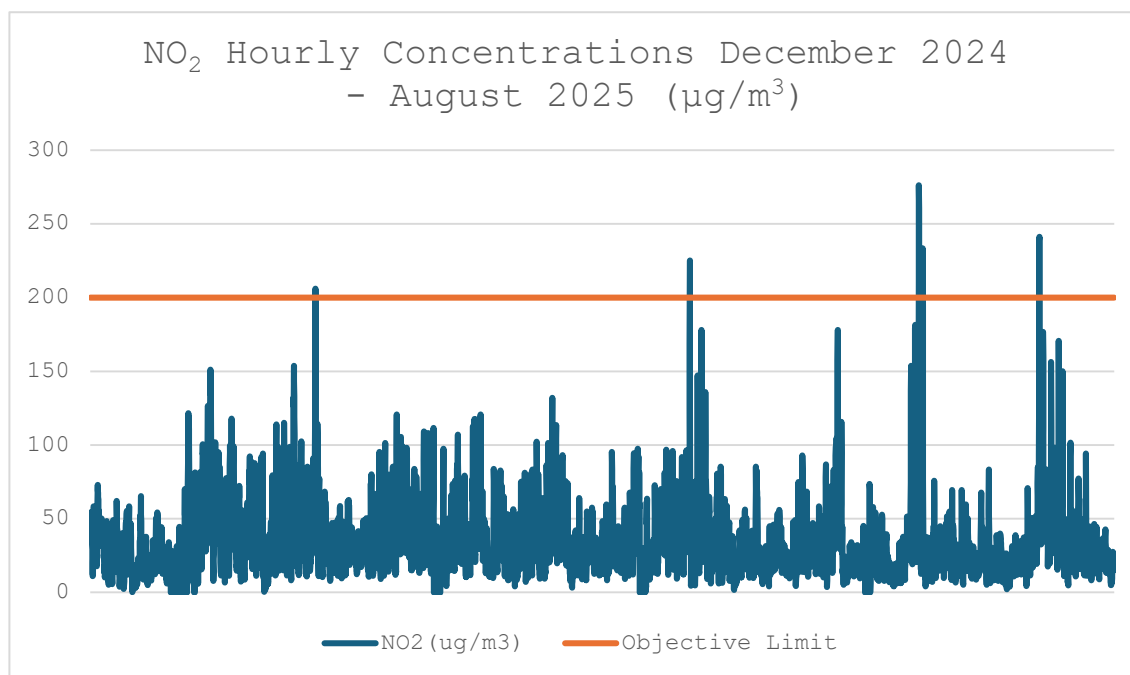


4.5 St. Mary’s Primary School, Barrack Street (adjacent to the A12 Westlink and Divis Street)

Monthly Means (µg/m³) 2024 - 2025

	December	January	February	March	April	May	June	July	August
NO <sub>2</sub>	25.5	45.0	37.4	37.8	35.3	34.8	28.2	28.1	32.7
PM <sub>10</sub>	8.0	11.4	13.9	14.0	12.6	7.8	8.2	7.2	6.6
PM <sub>2.5</sub>	4.7	7.3	9.0	9.1	8.8	5.8	5.6	4.8	5.2

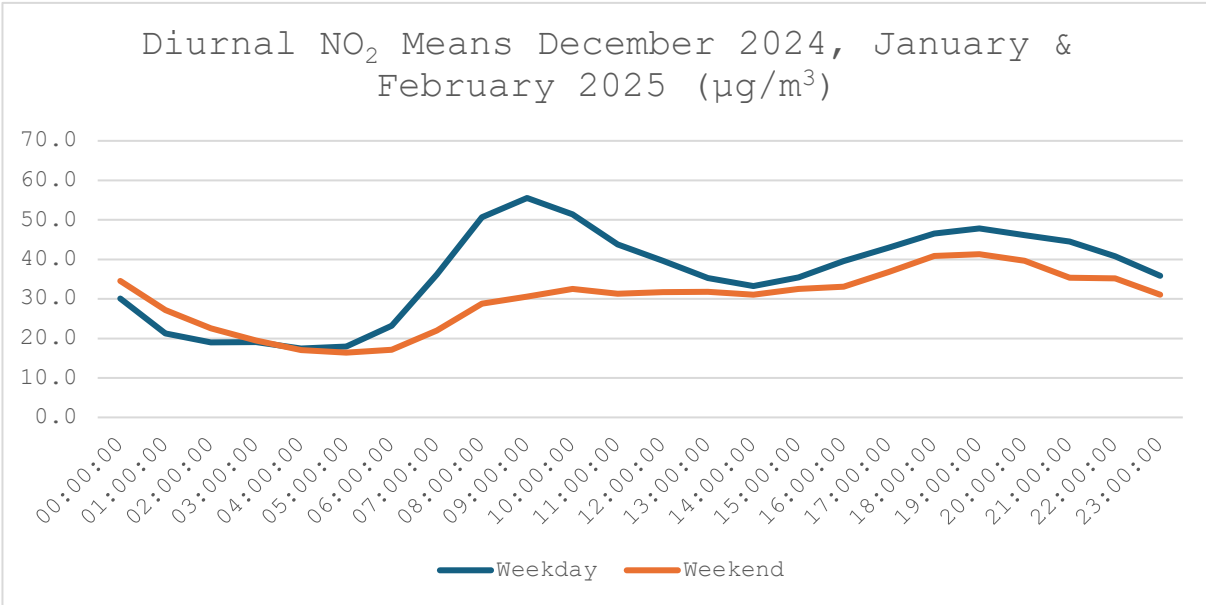
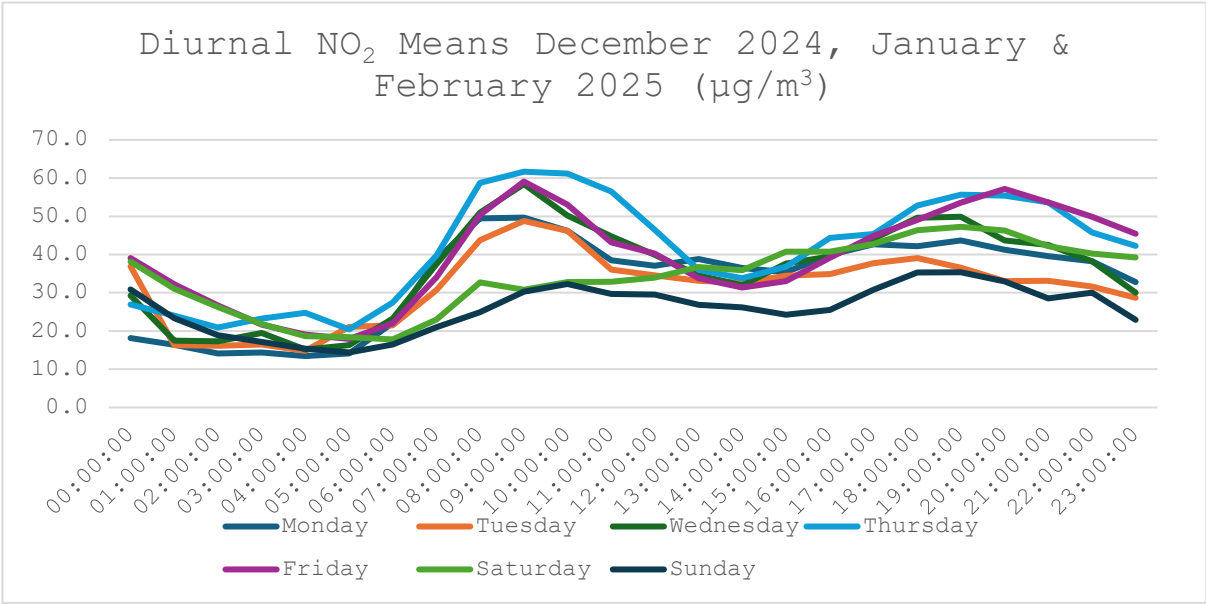




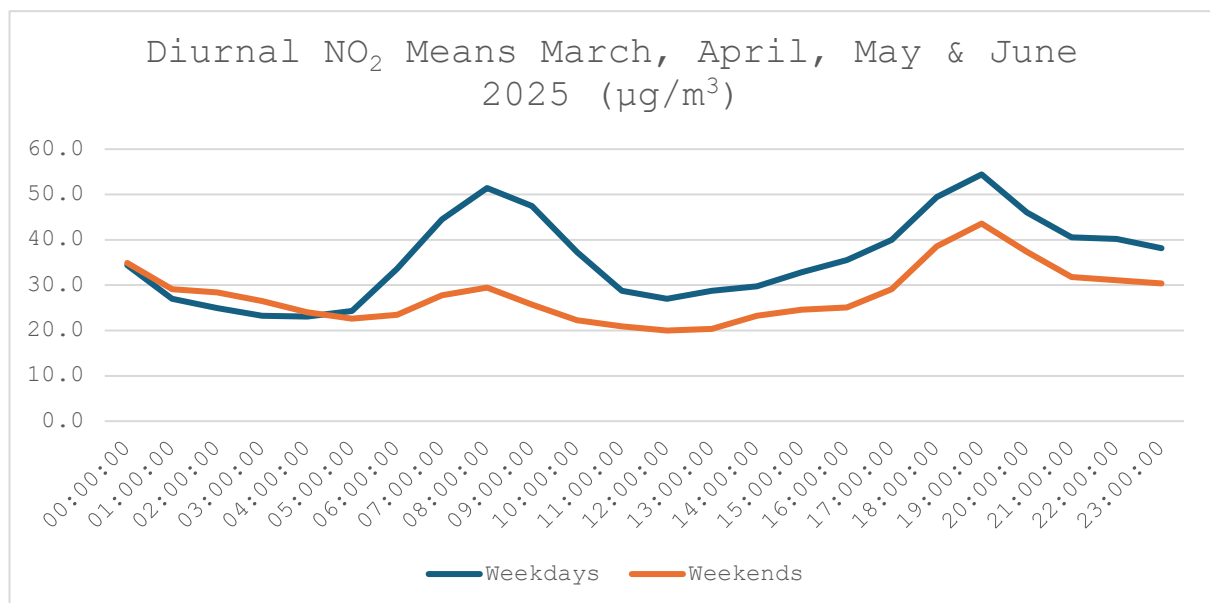
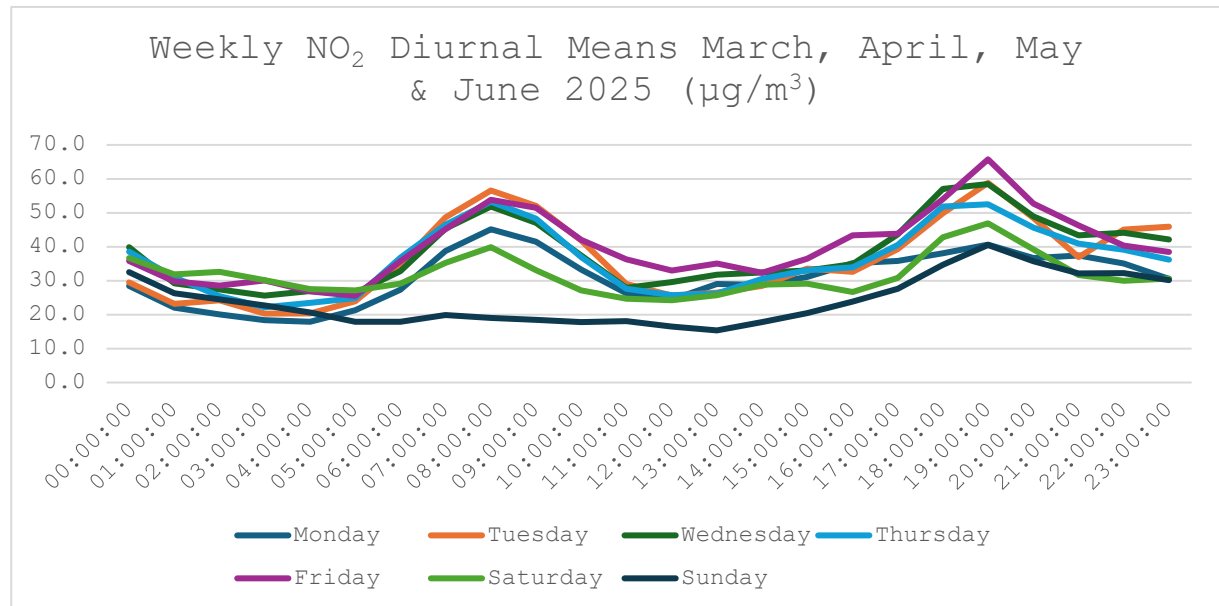
The monitor located adjacent to St Mary's Primary School at the A12 Westlink and Divis Street detected eight exceedances of the nitrogen dioxide (NO<sub>2</sub>) 1-hour mean objective of 200 µg/m<sup>3</sup> throughout the monitoring period. Exceedances of the 1-hour mean objective occurred at the following dates and times:

- Thursday 6<sup>th</sup> February 2025 at 11:00 - 206 µg/m<sup>3</sup>
- Tuesday 13<sup>th</sup> May 2025 at 19:00 - 225 µg/m<sup>3</sup>
- Saturday 12<sup>th</sup> July 2025 at 18:00 - 211 µg/m<sup>3</sup>
- Saturday 12<sup>th</sup> July 2025 at 19:00 – 276 µg/m<sup>3</sup>
- Saturday 12<sup>th</sup> July 2025 at 20:00 - 261 µg/m<sup>3</sup>
- Sunday 13<sup>th</sup> July 2025 at 19:00 - 233 µg/m<sup>3</sup>
- Tuesday 12<sup>th</sup> August 2025 at 18:00, 239 µg/m<sup>3</sup>
- Tuesday 12<sup>th</sup> August 2025 at 19:00, 241 µg/m<sup>3</sup>
- One exceedance of the 50 µg/m<sup>3</sup> particulate matter (PM<sub>10</sub>) 24-hour mean objective was detected on Thursday 20<sup>th</sup> March 2025 – 50.2 µg/m<sup>3</sup>.
- The maximum particulate matter (PM<sub>2.5</sub>) 24-hour mean concentration was detected on Thursday 20<sup>th</sup> March 2025 – 31 ug/m<sup>3</sup>.

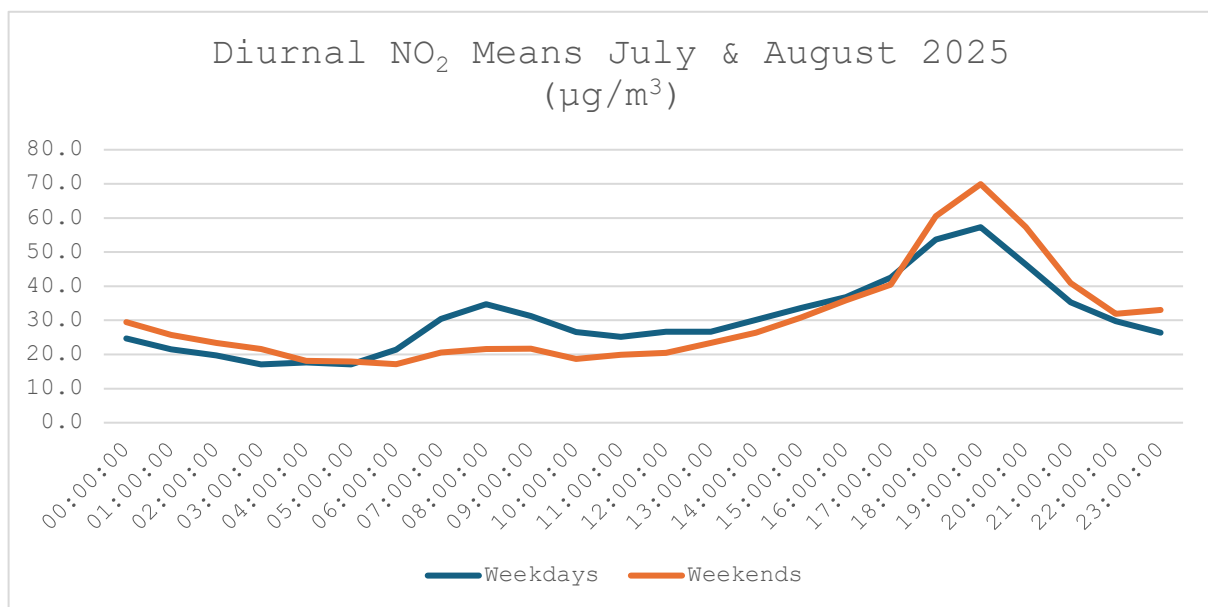
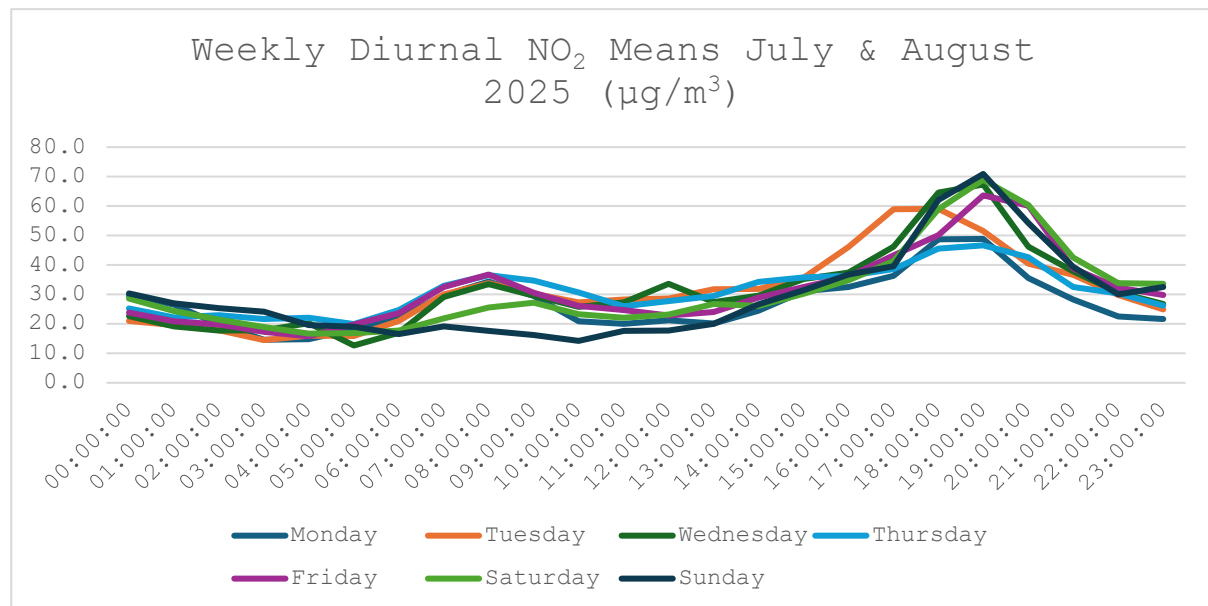
Winter period: December 2024, January and February 2025.



**Spring period: March, April, May and June 2025.**



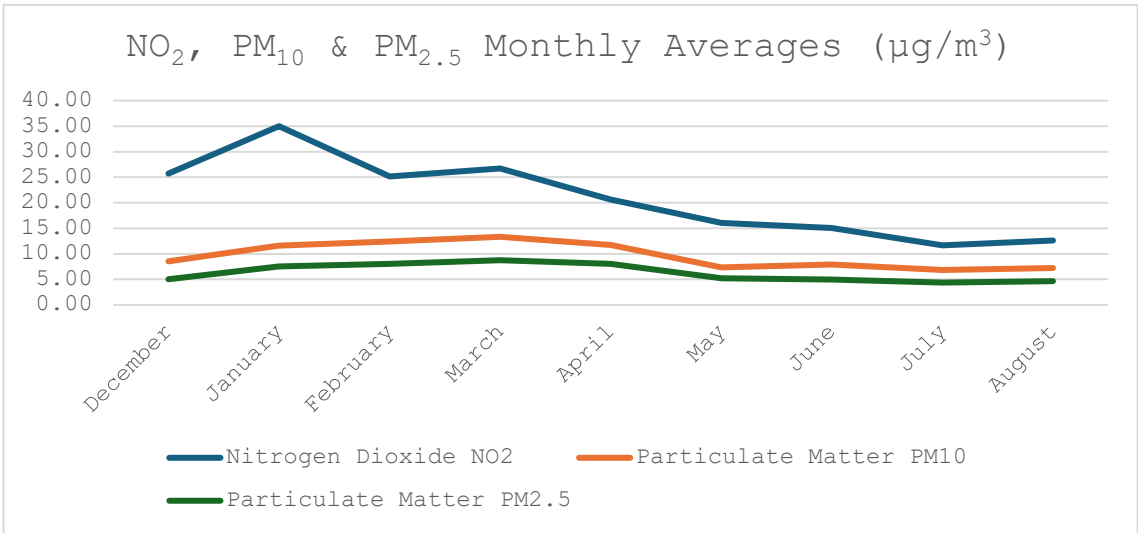
**Summer period: July and August 2025.**



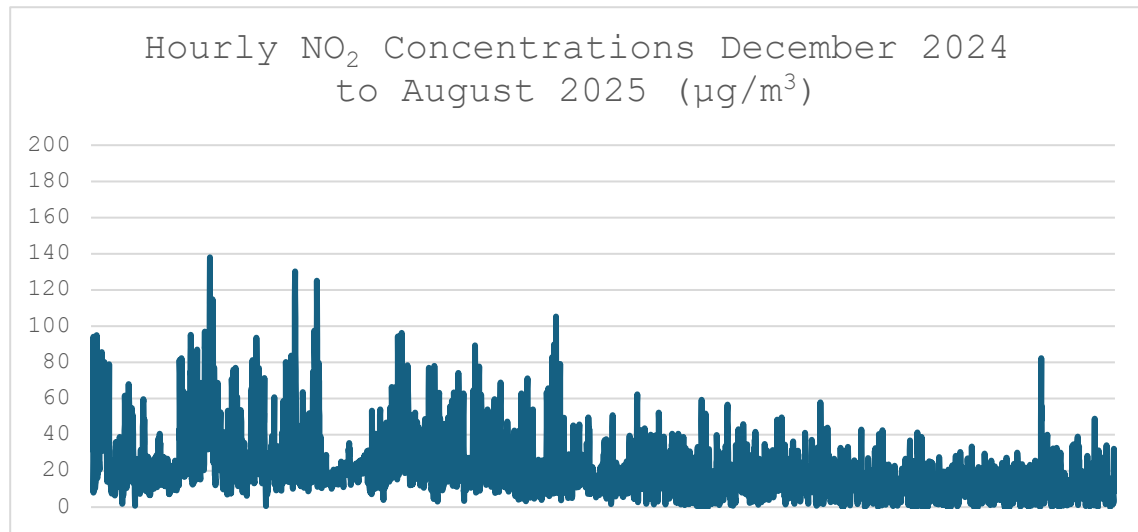
4.6 Strandtown Primary School, North Road.

Monthly Means (µg/m³) 2024 - 2025

	December	January	February	March	April	May	June	July	August
NO <sub>2</sub>	25.7	35.0	25.1	26.7	20.6	16.1	15.0	11.7	12.6
PM <sub>10</sub>	8.5	11.6	12.4	13.3	11.7	7.3	7.9	6.8	7.2
PM <sub>2.5</sub>	5.1	7.6	8.0	8.8	8.0	5.2	4.9	4.4	4.7

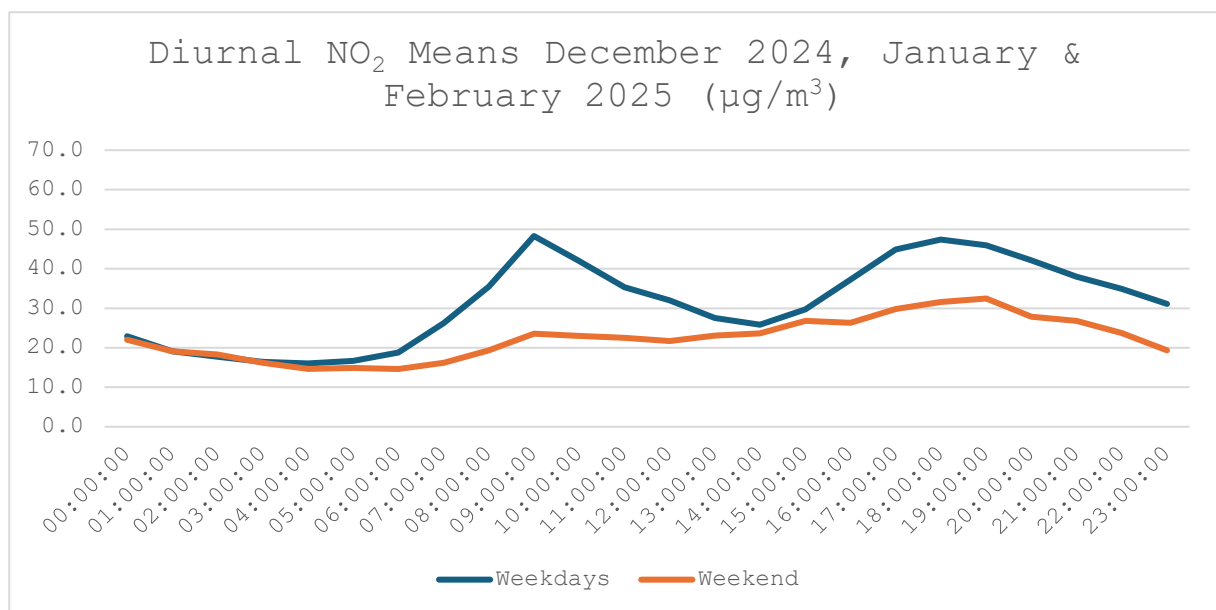
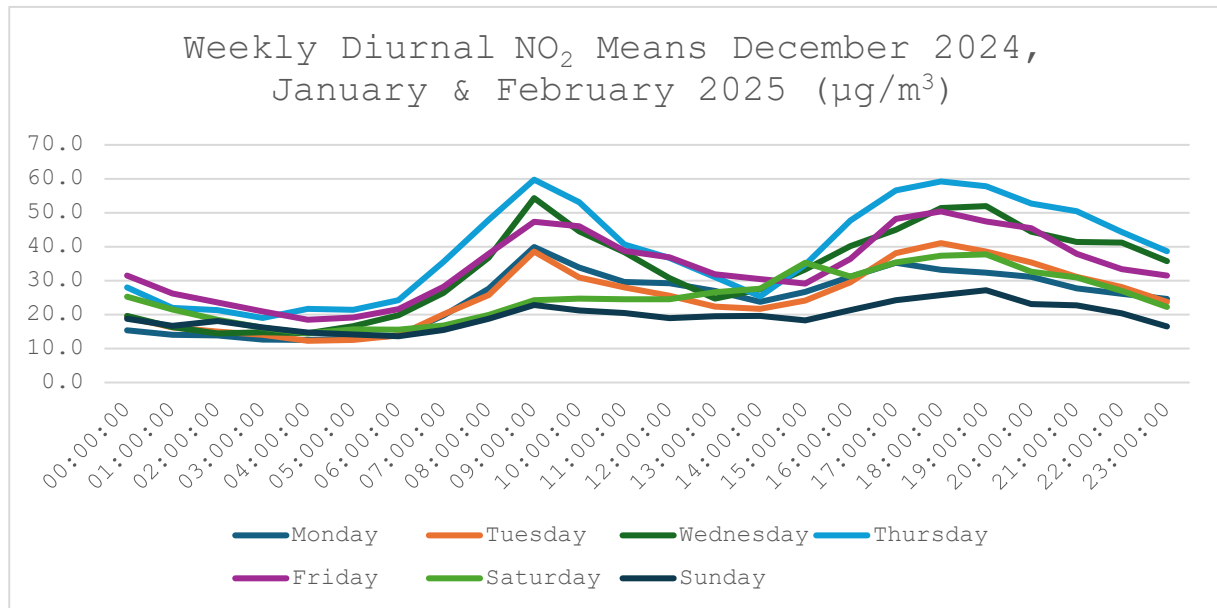




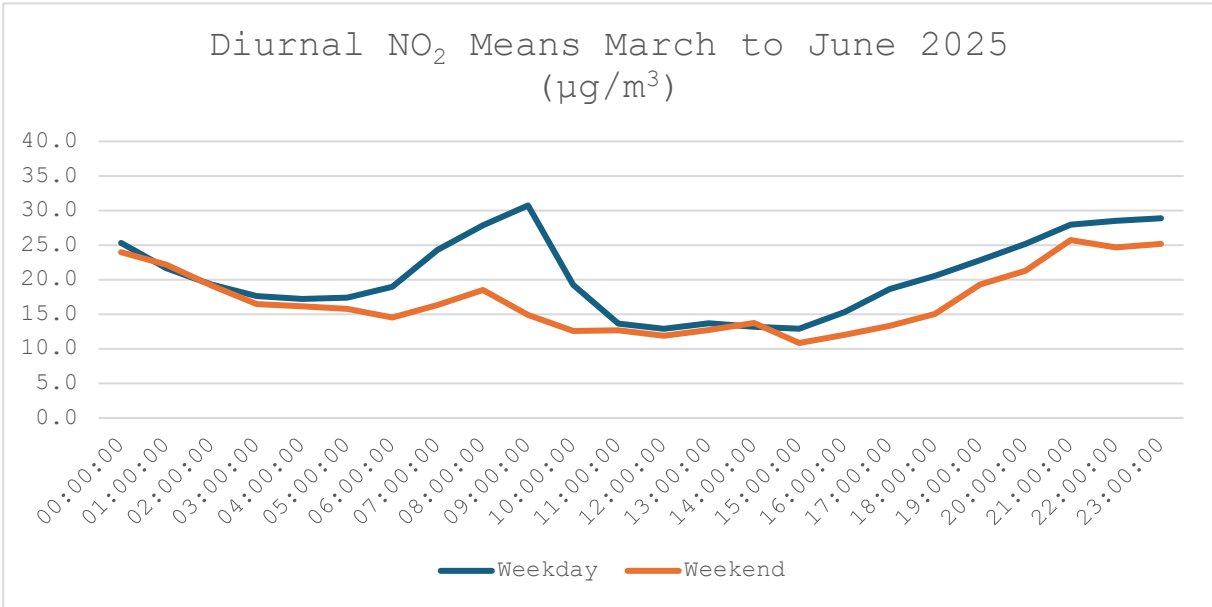
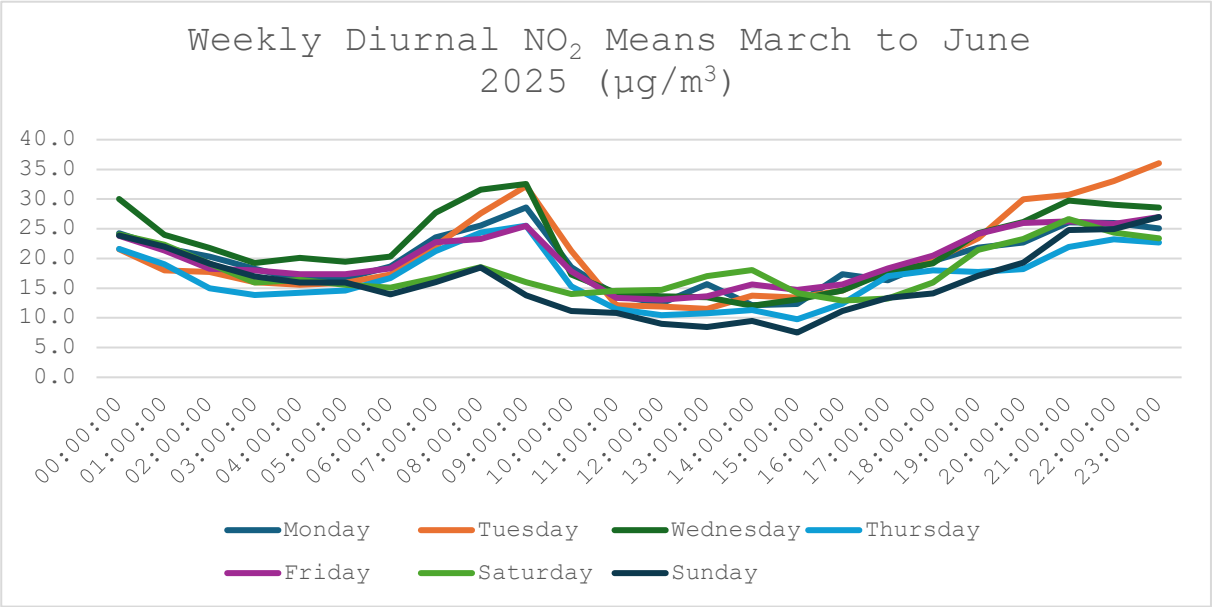


- The maximum nitrogen dioxide 1-hour mean concentration of 138 µg/m<sup>3</sup> and occurred at 17:00 on Thursday 9<sup>th</sup> January 2025.
- The maximum particulate matter (PM<sub>10</sub>) 24 hour mean concentration of 46 µg/m<sup>3</sup> occurred on Thursday 20<sup>th</sup> March 2025
- The maximum particulate matter (PM<sub>2.5</sub>) 24-hour mean concentration of 29 µg/m<sup>3</sup> occurred on Thursday 20<sup>th</sup> March 2025.

**Winter period: 11<sup>th</sup> December 2024, January and February 2025.**



Spring period: March, April, May and June 2025.



**Summer period: July and August 2025.**

