

sunrise
energy metals

2024 ENVIRONMENTAL MONITORING RESULTS

AIR QUALITY

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Premises:
Sunrise Project
Wilmatha Road
Fifield, NSW, 2875

[Environment Protection Licence #21146](#)

Dust Deposition

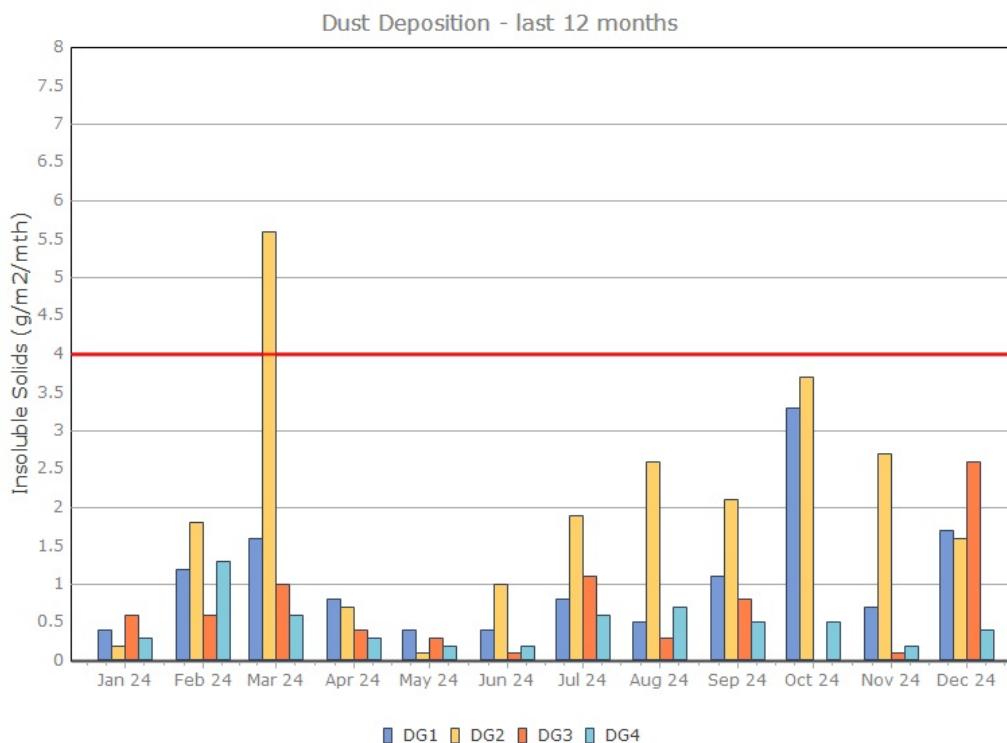
Monitoring Points:

- DG1- North West Corner of Mining Lease 1770
- DG2- Northern boundary of Mining Lease 1770
- DG3- Company Owned Residence South of Mining Lease 1770
- DG4- Adjacent the Accommodation Camp South West of Mining Lease 1770

Month	Sample Period	Results		Insoluble Solids (g/m ² /mth)			
		Received	Published	DG1	DG2	DG3	DG4
January	1/1/2024 - 3/2/2024	14/2/2024	29/2/2024	0.4	0.2	0.6	0.3
February	3/2/2024 - 1/3/2024	14/3/2024	27/3/2024	1.2	1.8	0.6	1.3
March	1/3/2024 - 2/4/2024	11/4/2024	18/4/2024	1.6	5.6	1.0	0.6
April	2/4/2024 - 1/5/2024	13/5/2024	24/5/2024	0.8	0.7	0.4	0.3
May	1/5/2024 - 30/5/2024	13/6/2024	25/6/2024	0.4	0.1	0.3	0.2
June	30/5/2024 - 1/7/2024	11/7/2024	23/7/2024	0.4	1.0	<0.1	0.2
July	1/7/2024 - 1/8/2024	13/8/2024	21/8/2024	0.8	1.9	1.1	0.6
August	1/8/2024 - 2/9/2024	10/9/2024	19/9/2024	0.5	2.6	0.3	0.7
September	2/9/2024 - 1/10/2024	14/10/2024	24/10/2024	1.1	2.1	0.8	0.5
October	1/10/2024 - 1/11/2024	14/11/2024	22/11/2024	3.3	3.7	*	0.5
November	1/11/2024 - 2/12/2024	12/12/2024	19/12/2024	0.7	2.7	0.1	0.2
December	2/12/2024 - 31/12/2024	17/01/2025	3/02/2025	1.7	1.6	2.6	0.4
Average (Mean)				1.1	2.0	0.8	0.5
Median				0.8	1.9	0.6	0.5
Maximum				3.3	5.6	2.6	1.3
Minimum				0.4	0.1	<0.1	0.2

*NB: DG3 October bottle was broken in transit

Figure 1. Dust Deposition over the last 12 months with guideline criteria



Particulate Matter

Monitoring Points:

- PM2- Northern boundary of Mining Lease 1770
- PM4- Adjacent the Accommodation Camp South West of Mining Lease 1770

Figure 2. PM₁₀ (24 hr Average) with Compliance Criteria – December 2024

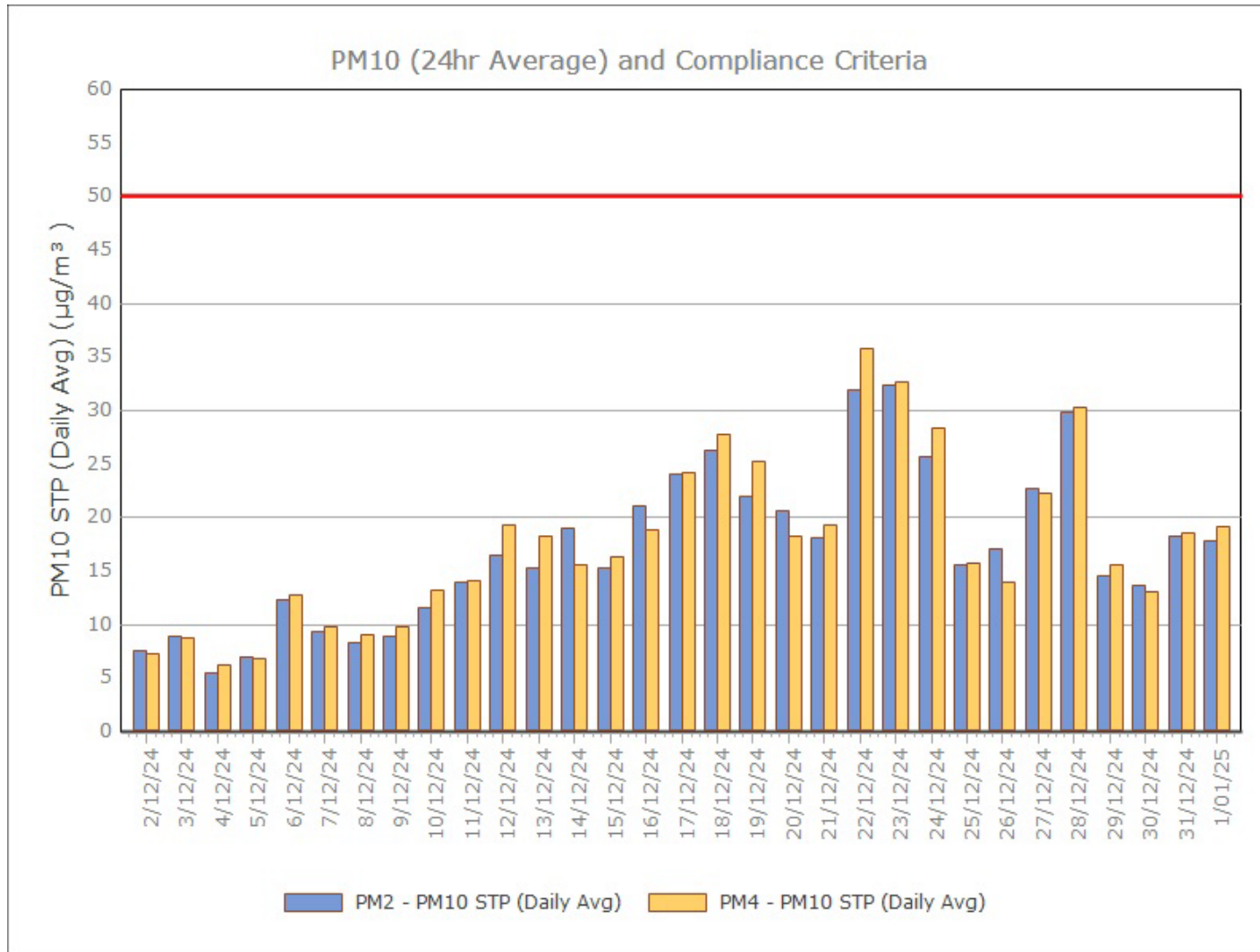
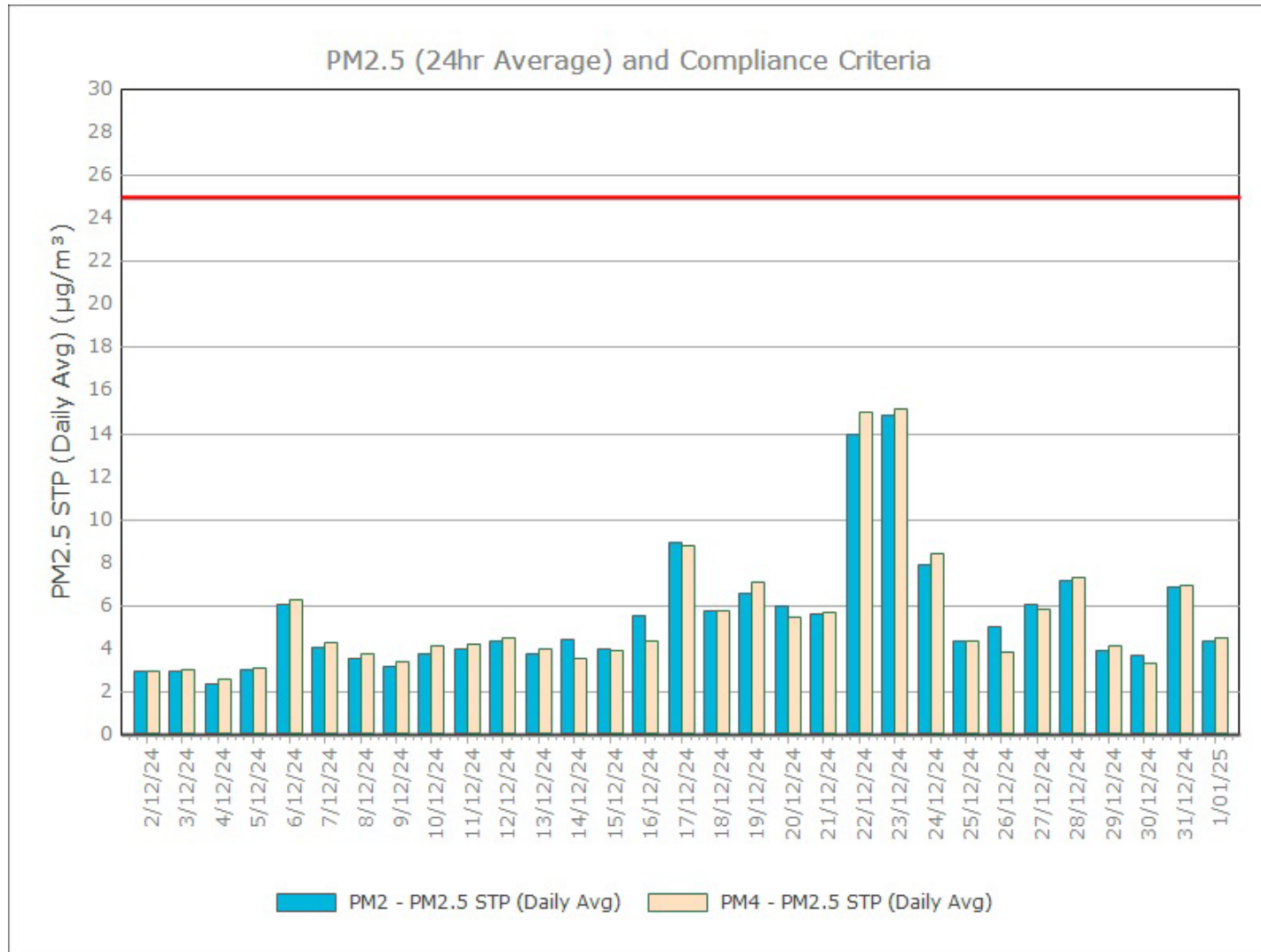
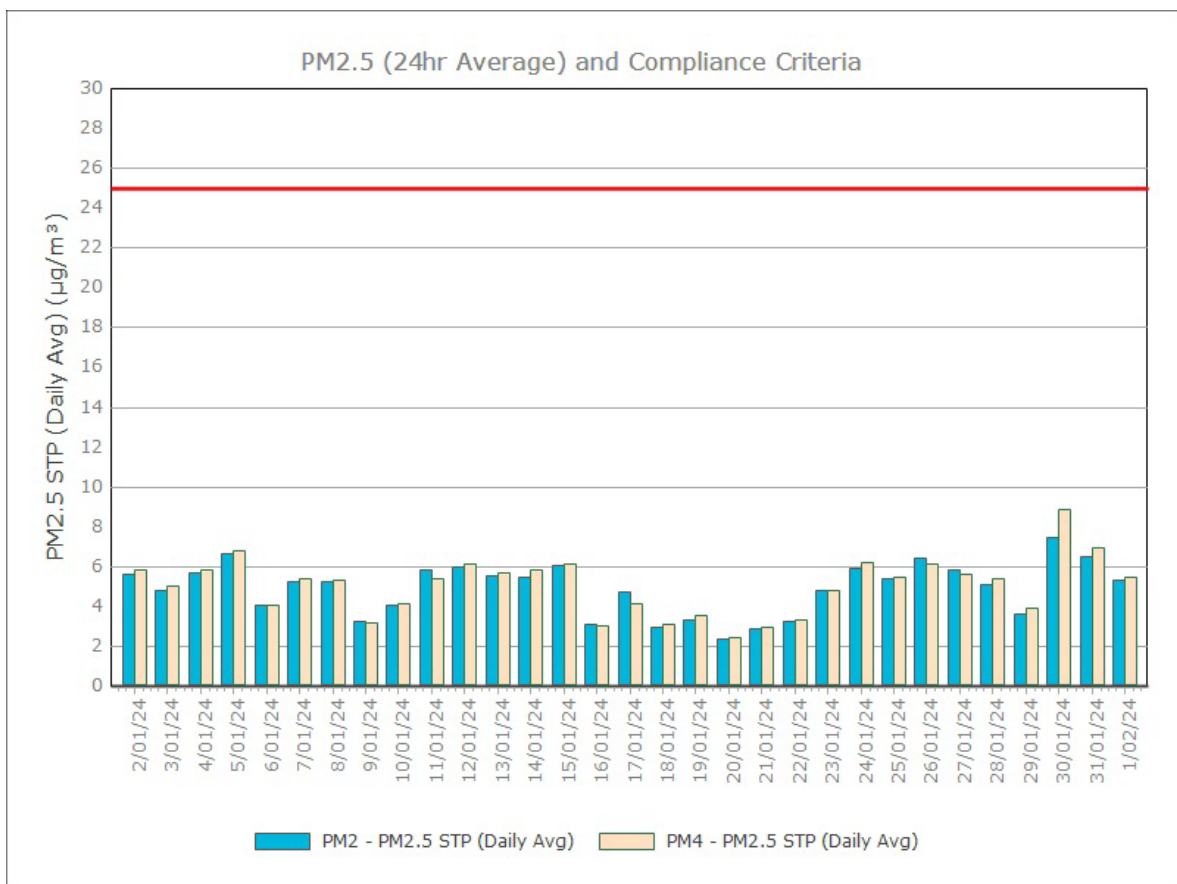
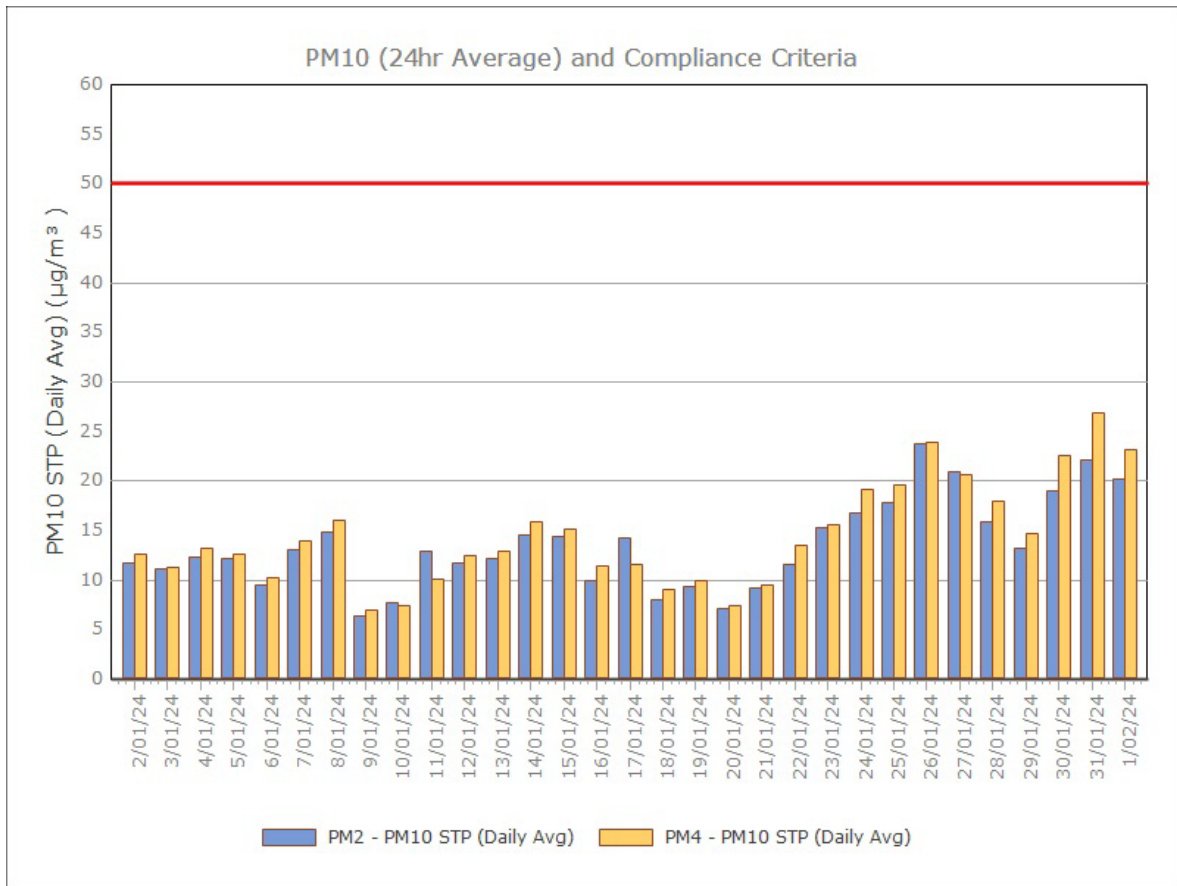


Figure 3. PM_{2.5} (24 hr Average) with Compliance Criteria – December 2024

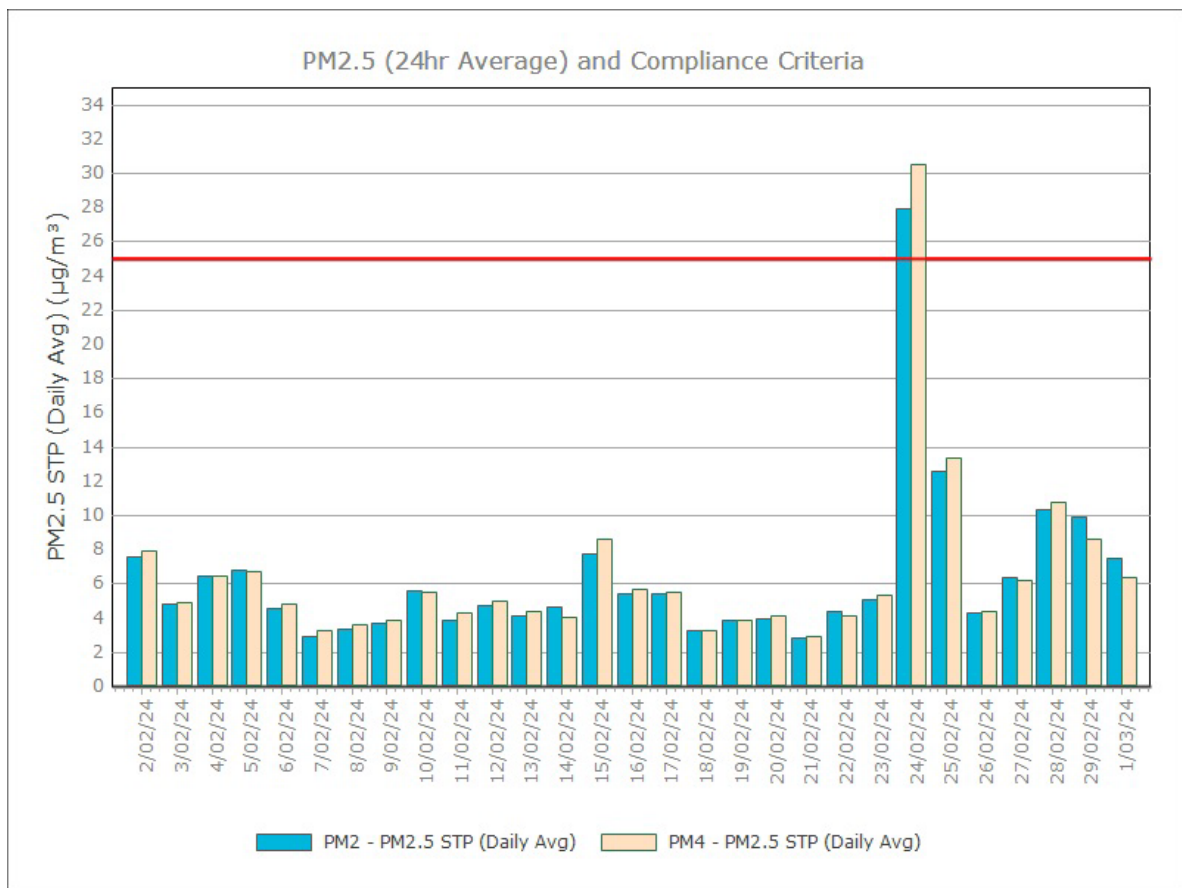
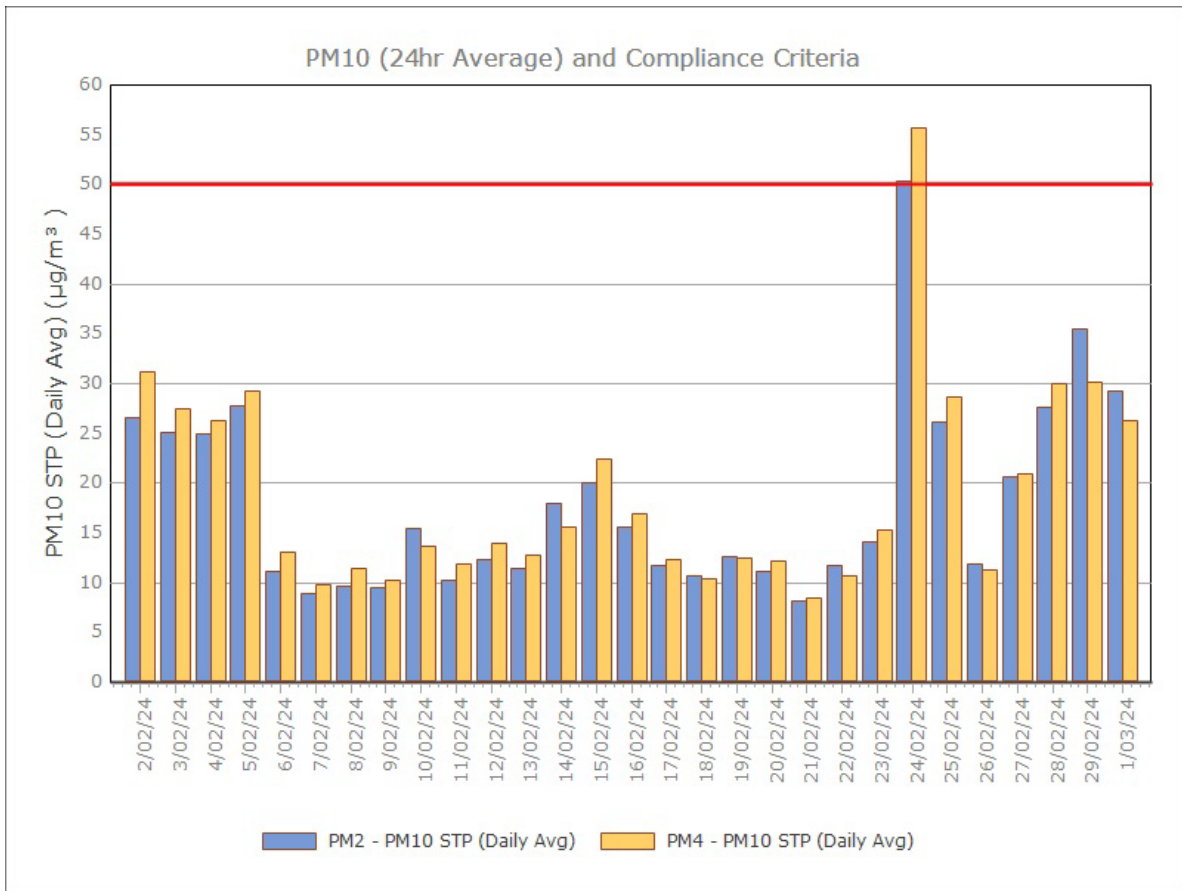


APPENDIX: MONTHLY GRAPHS

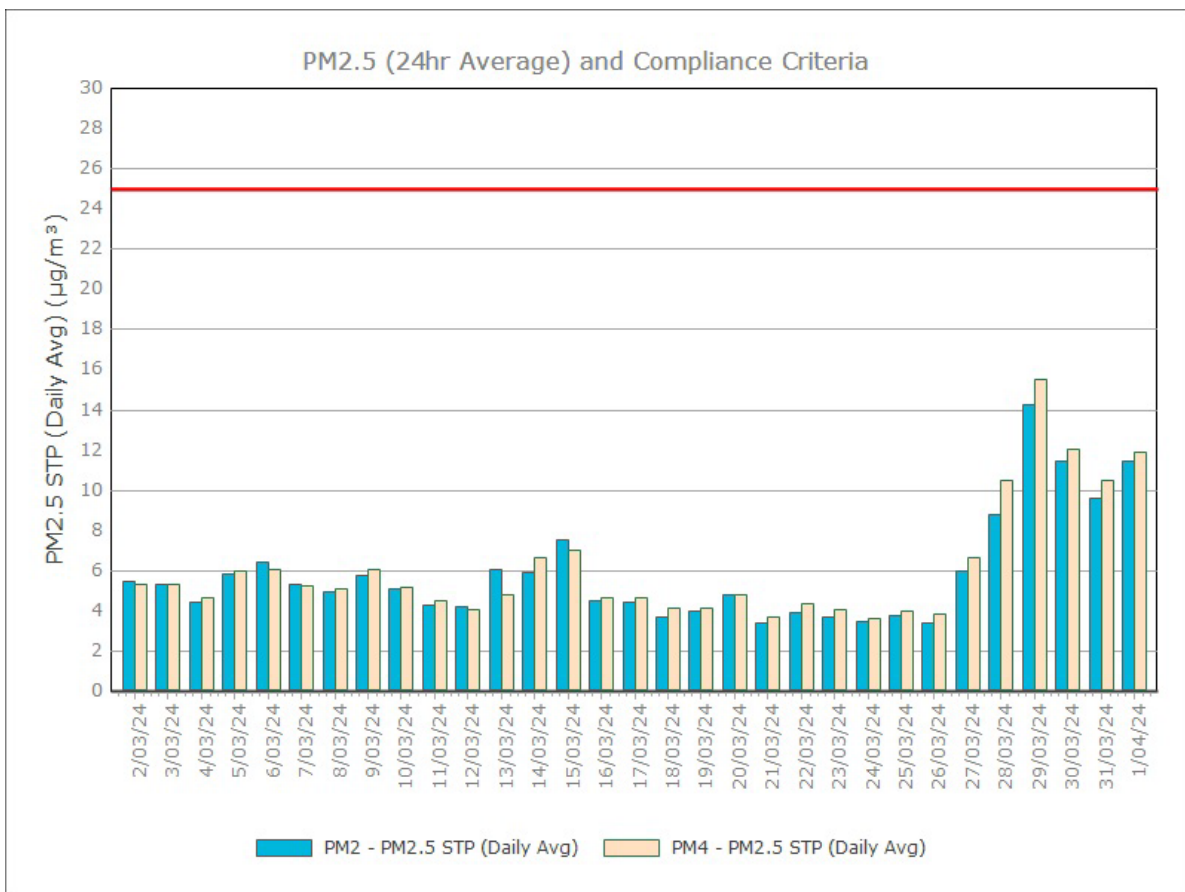
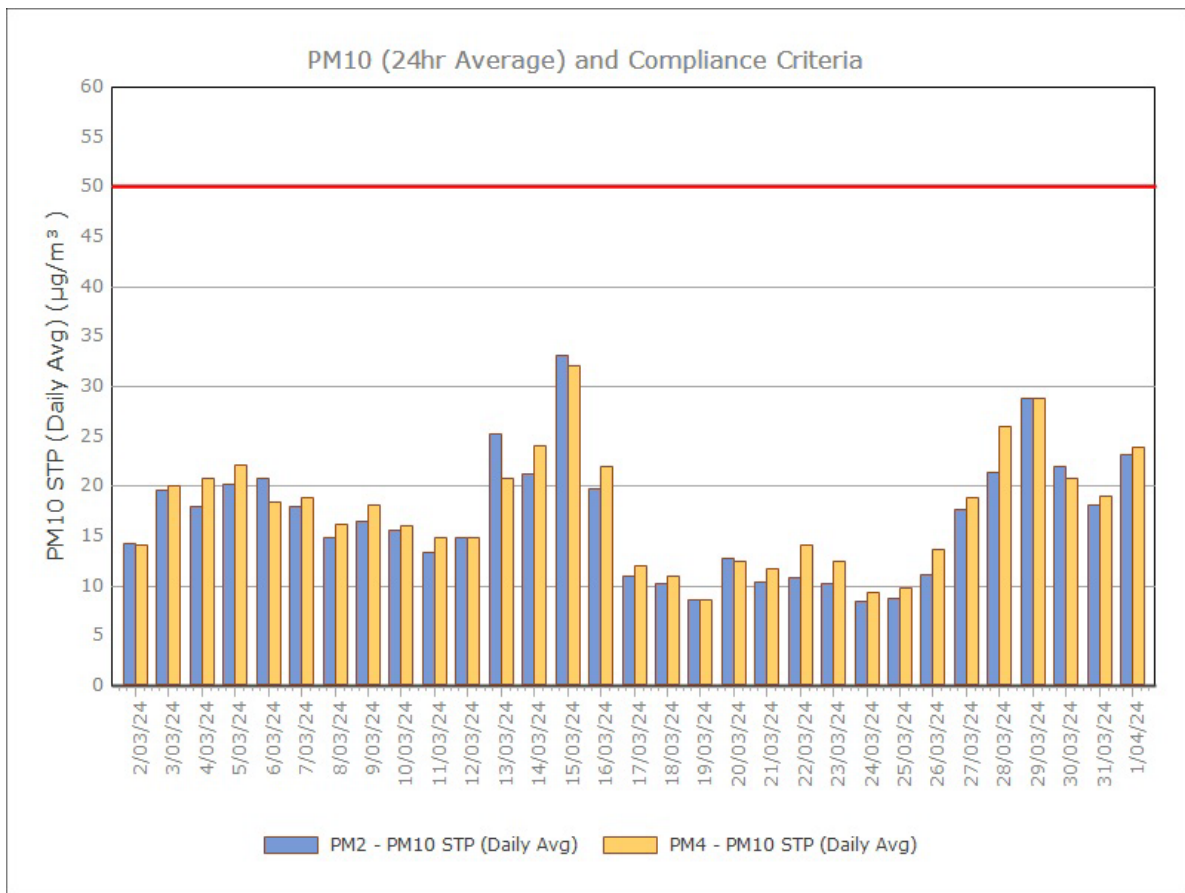
January 2024



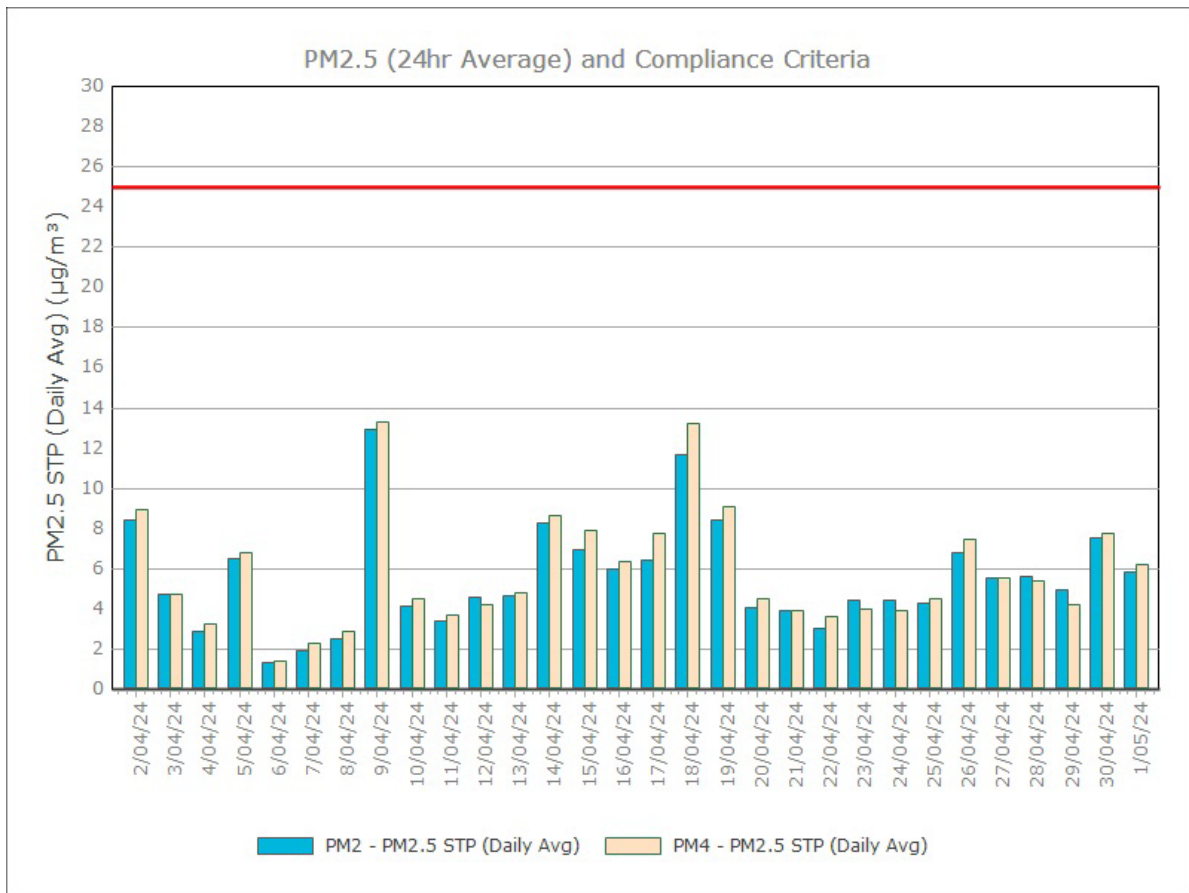
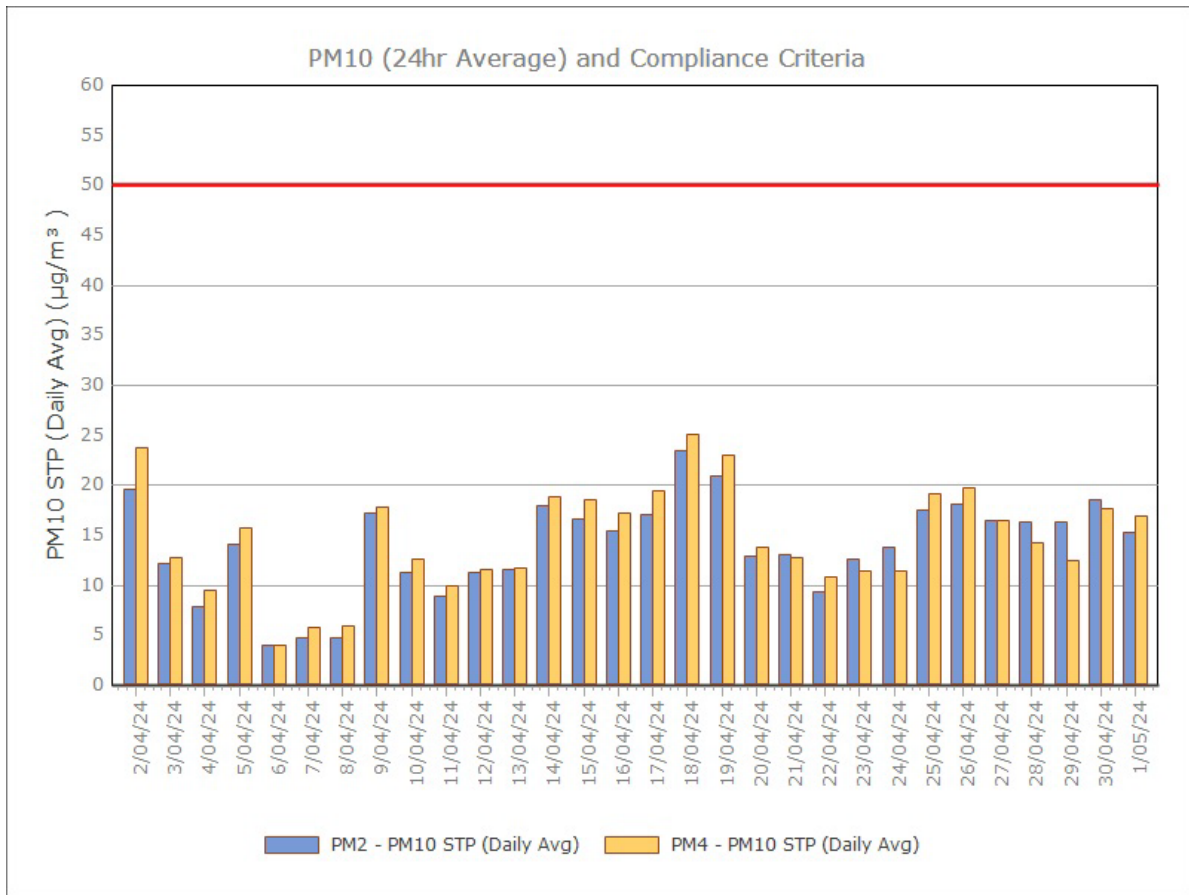
February 2024



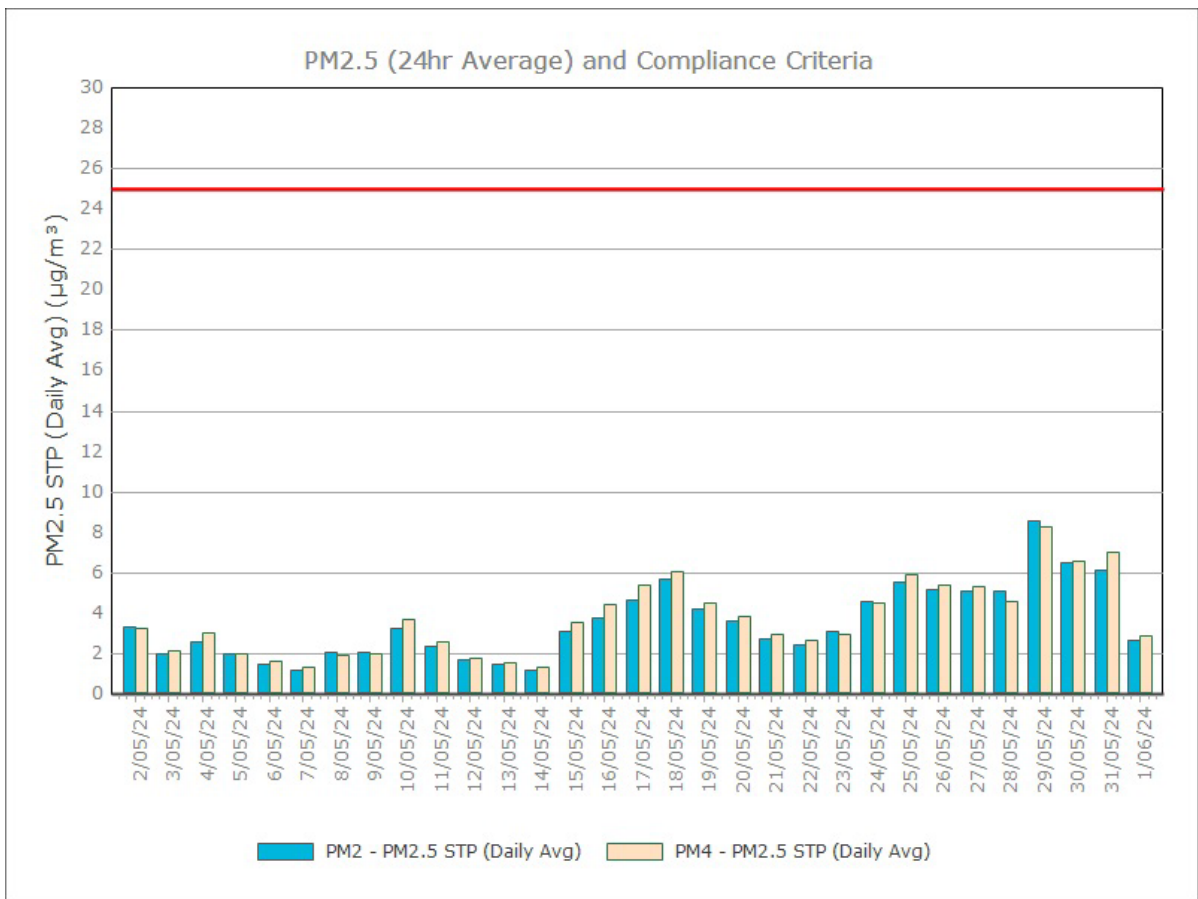
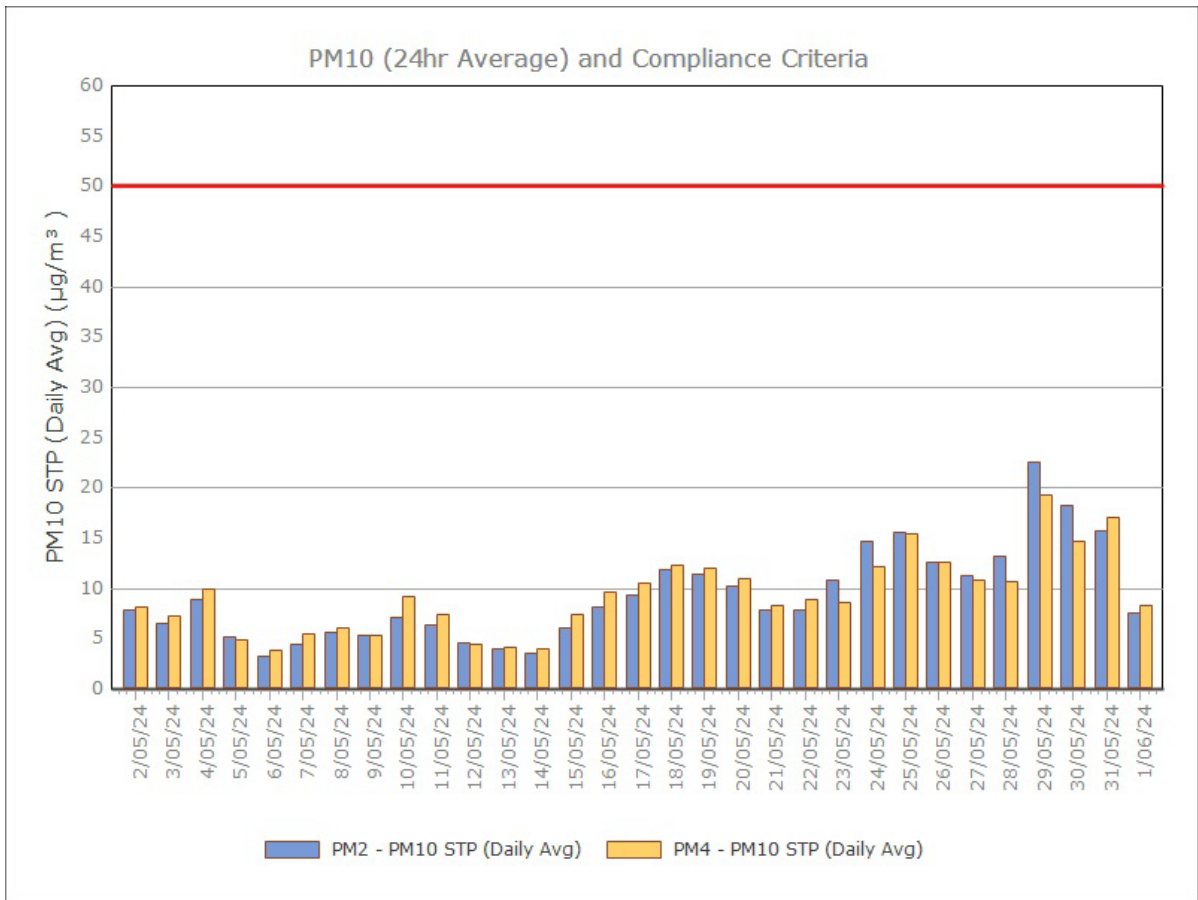
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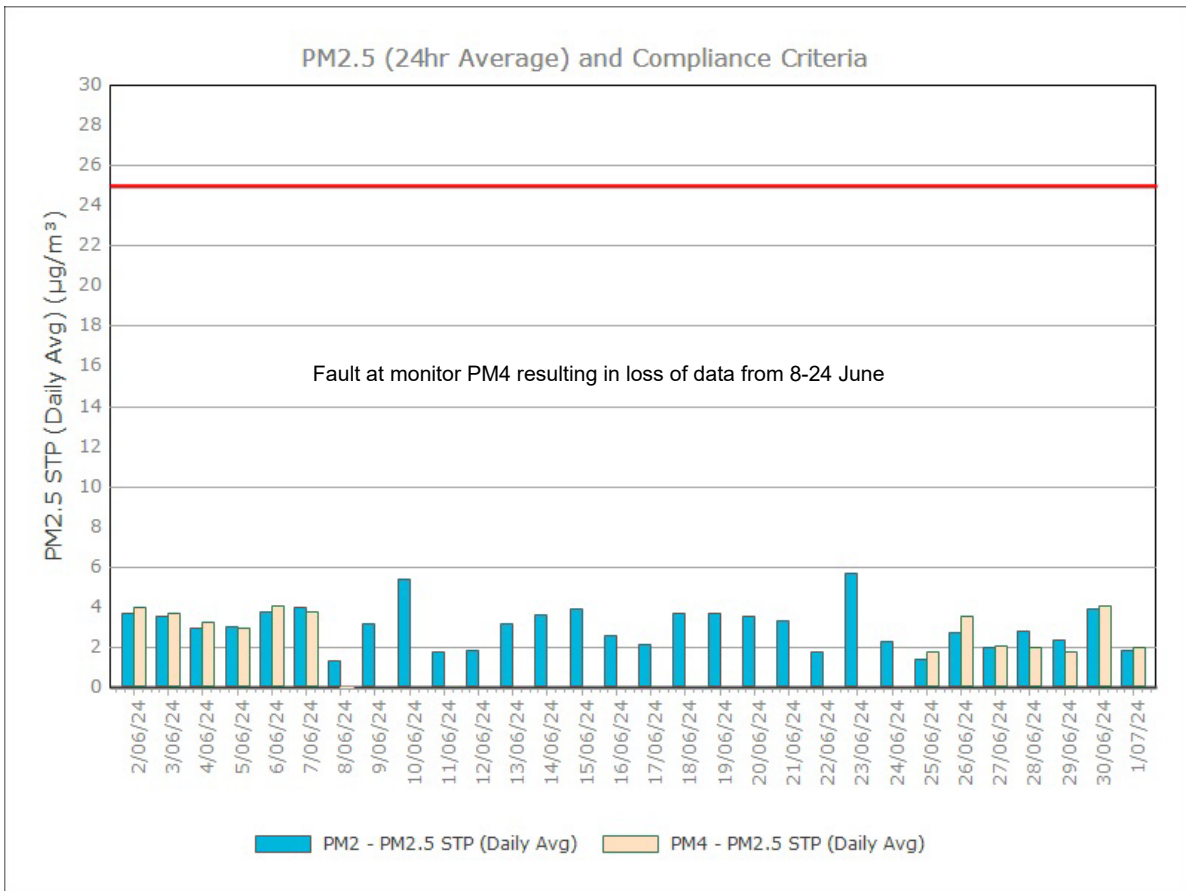
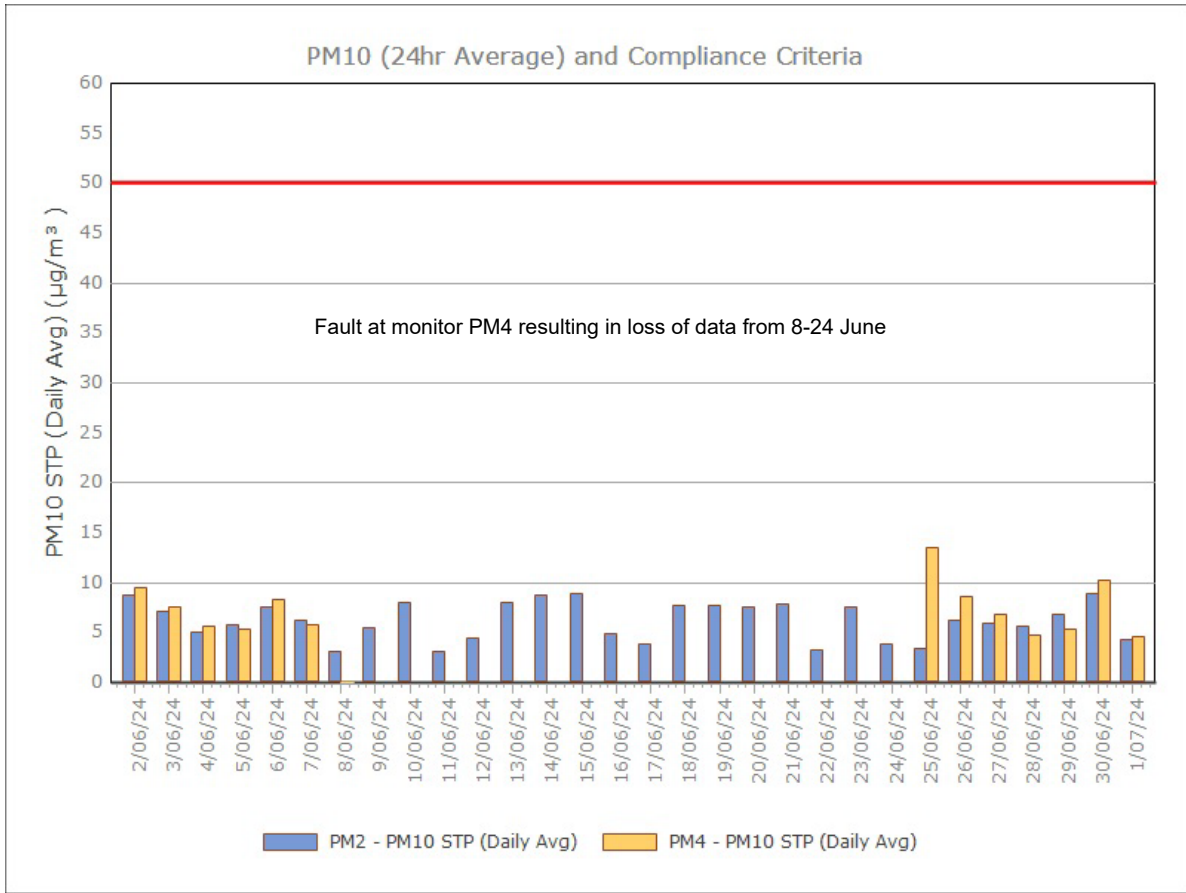
April 2024



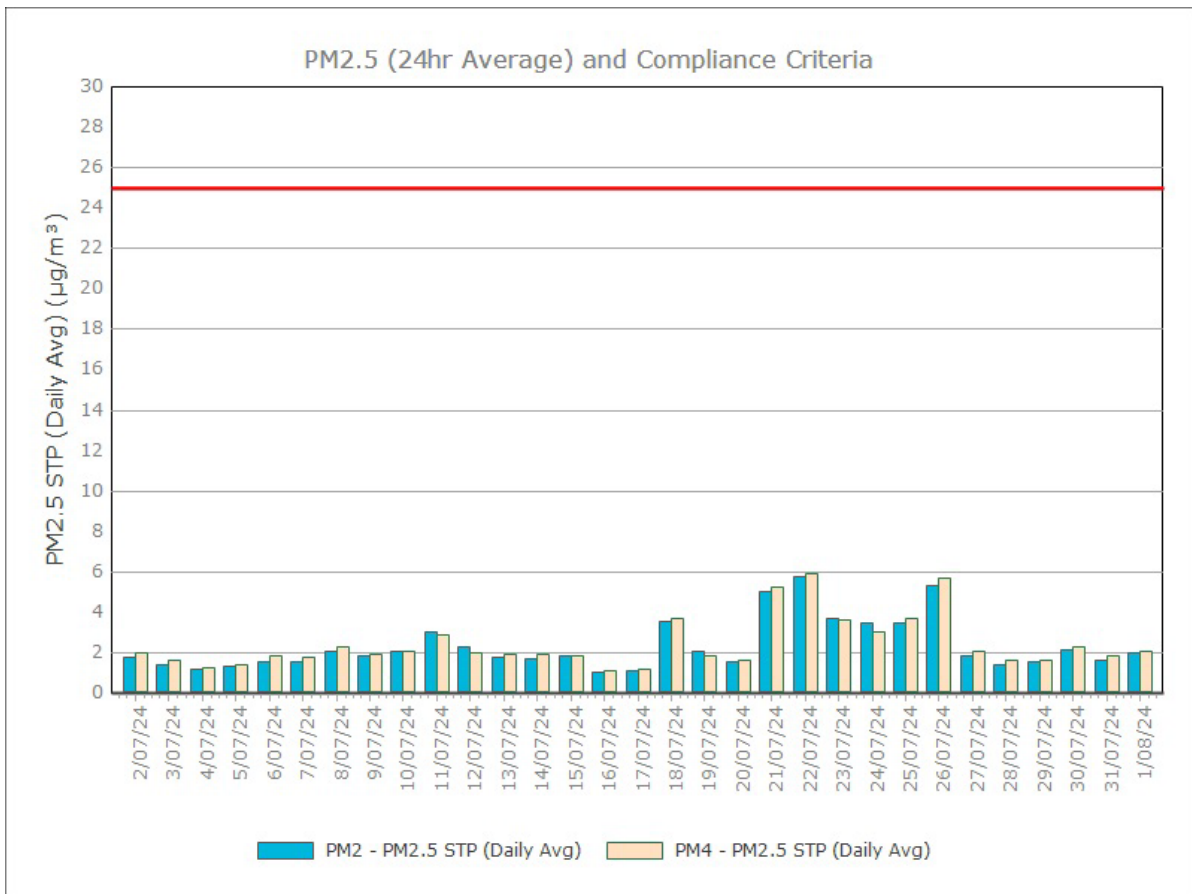
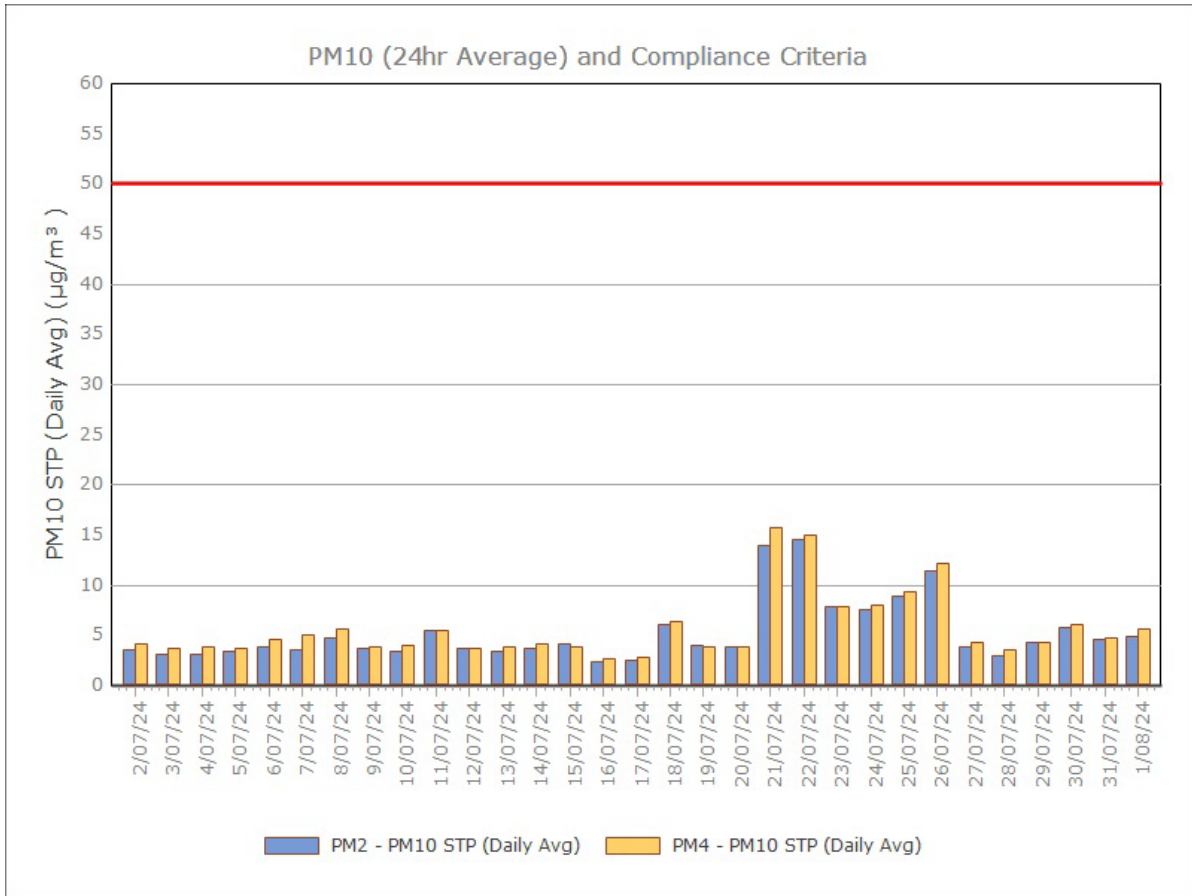
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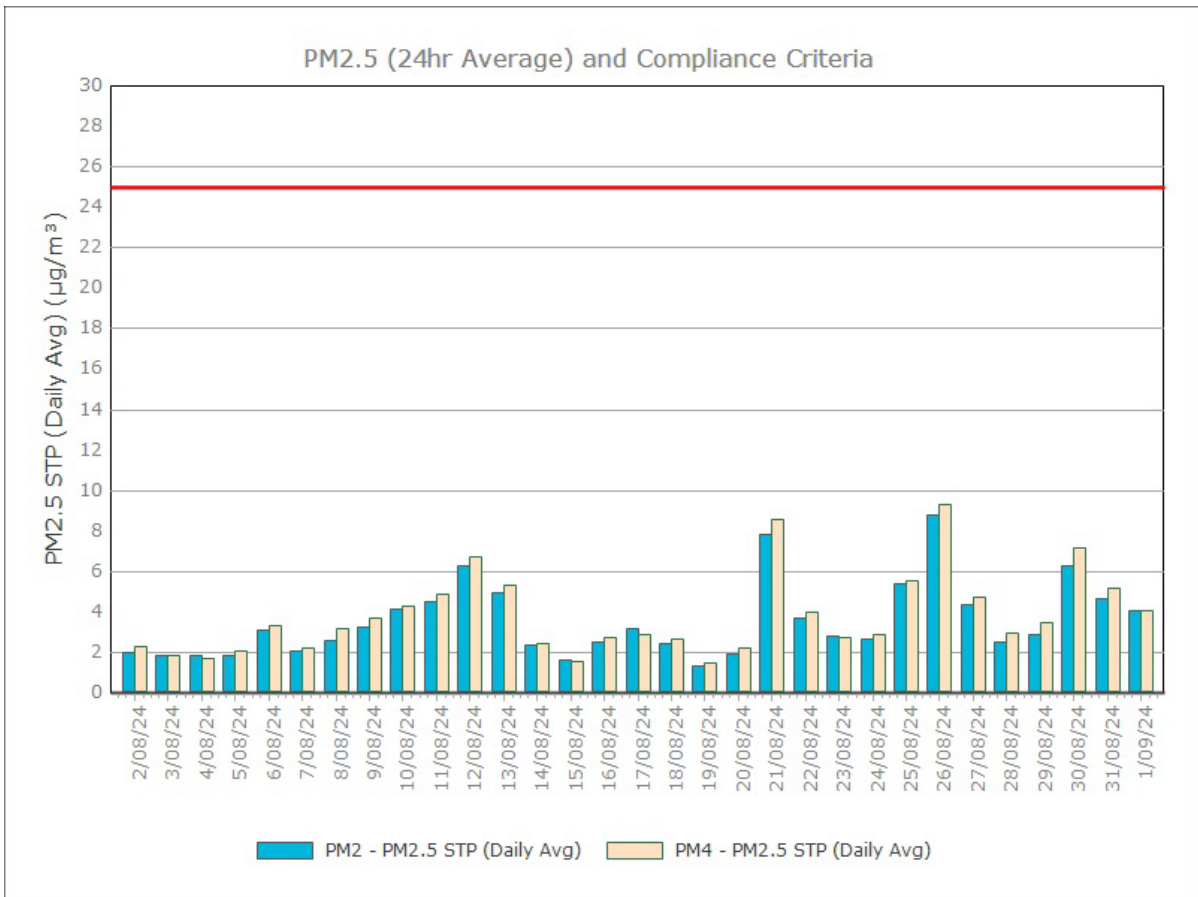
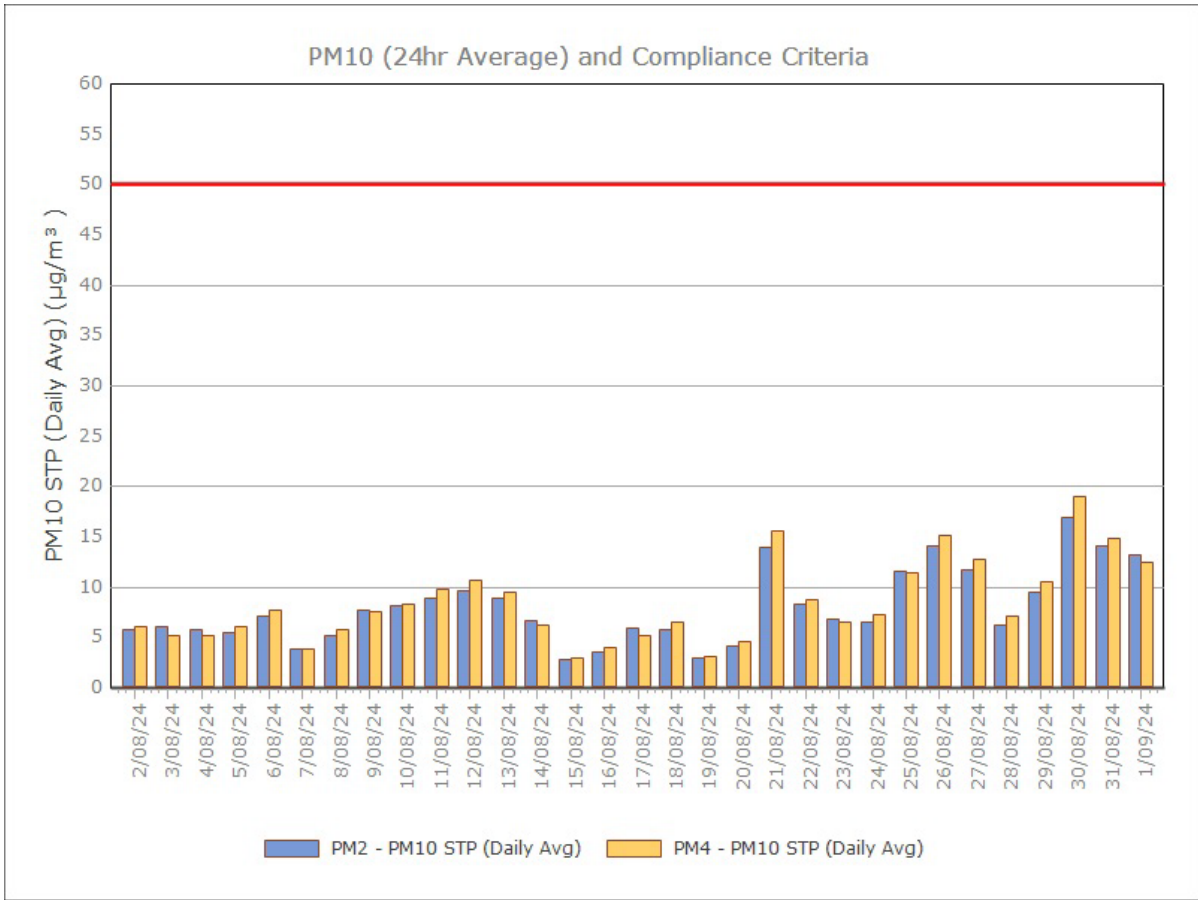
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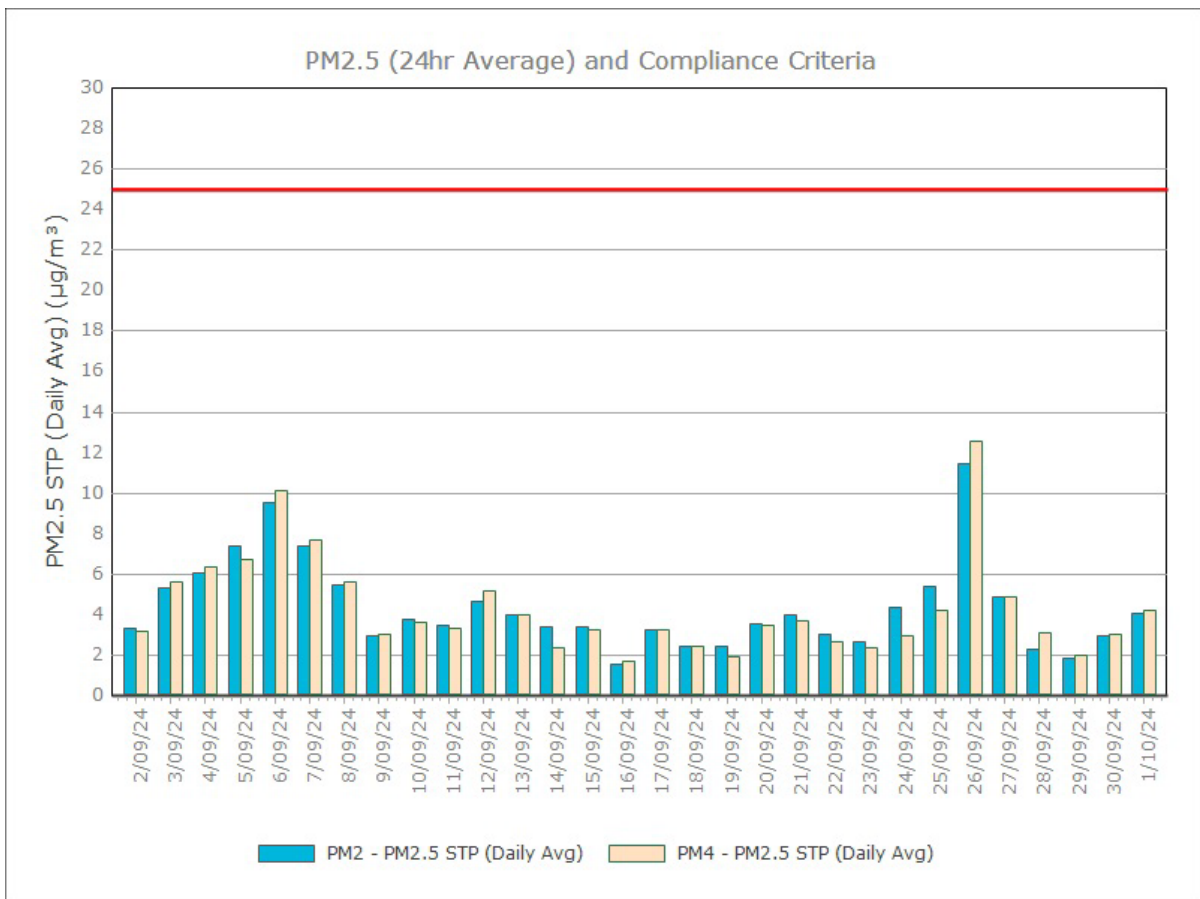
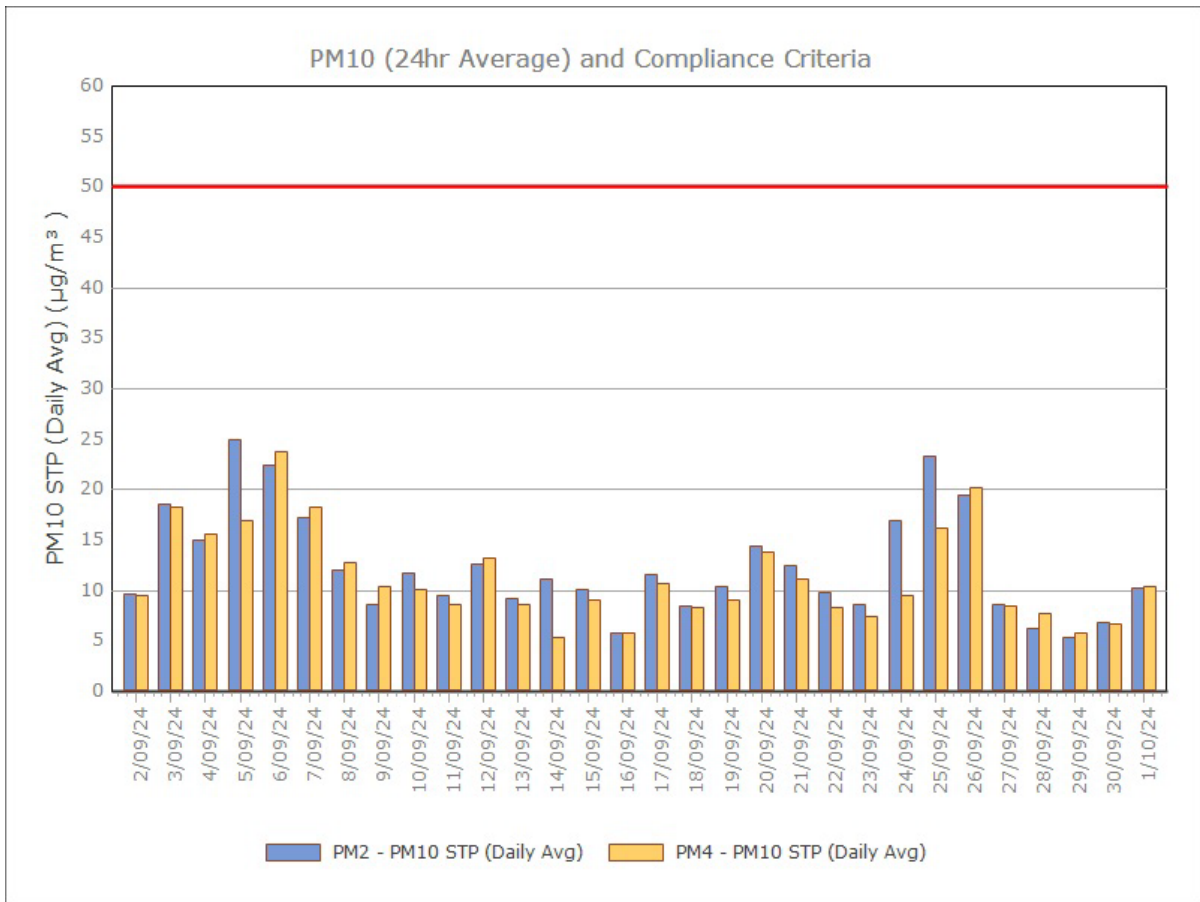
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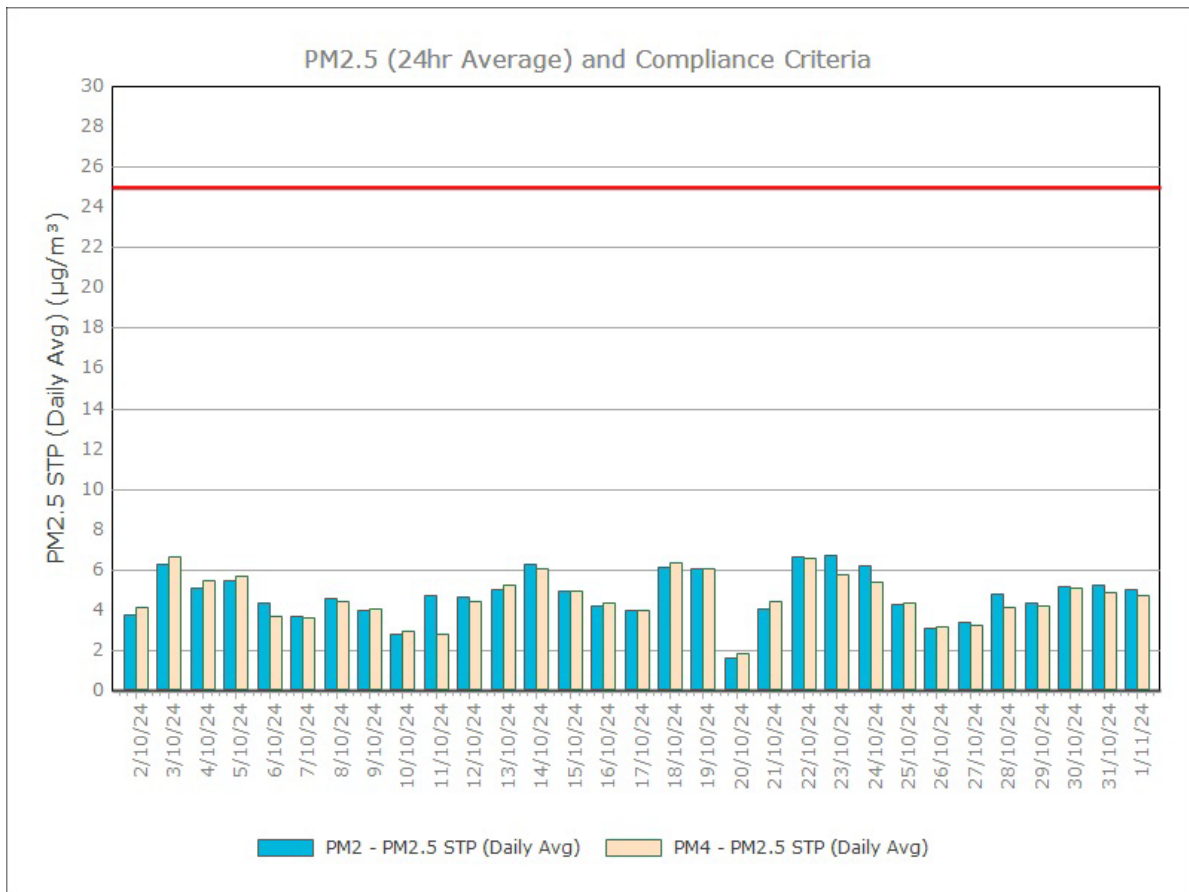
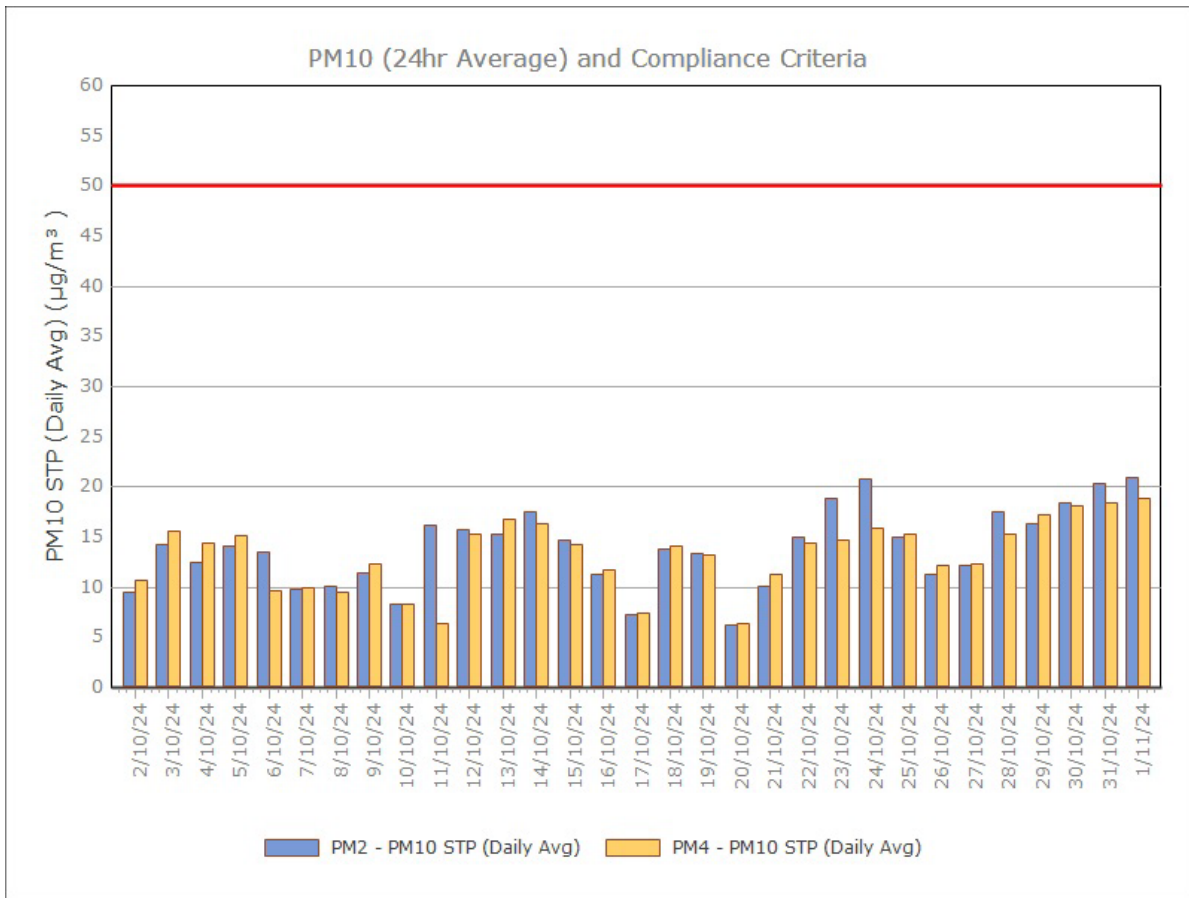
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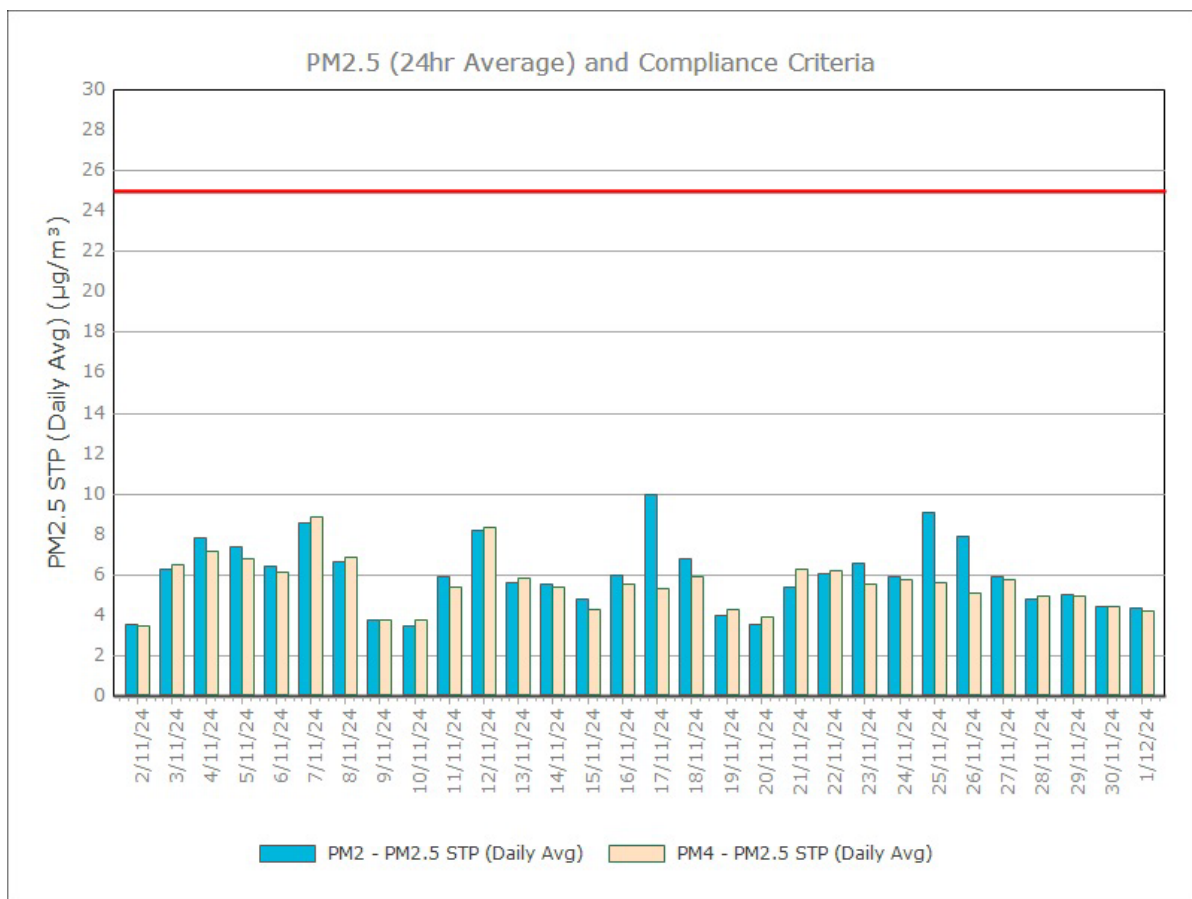
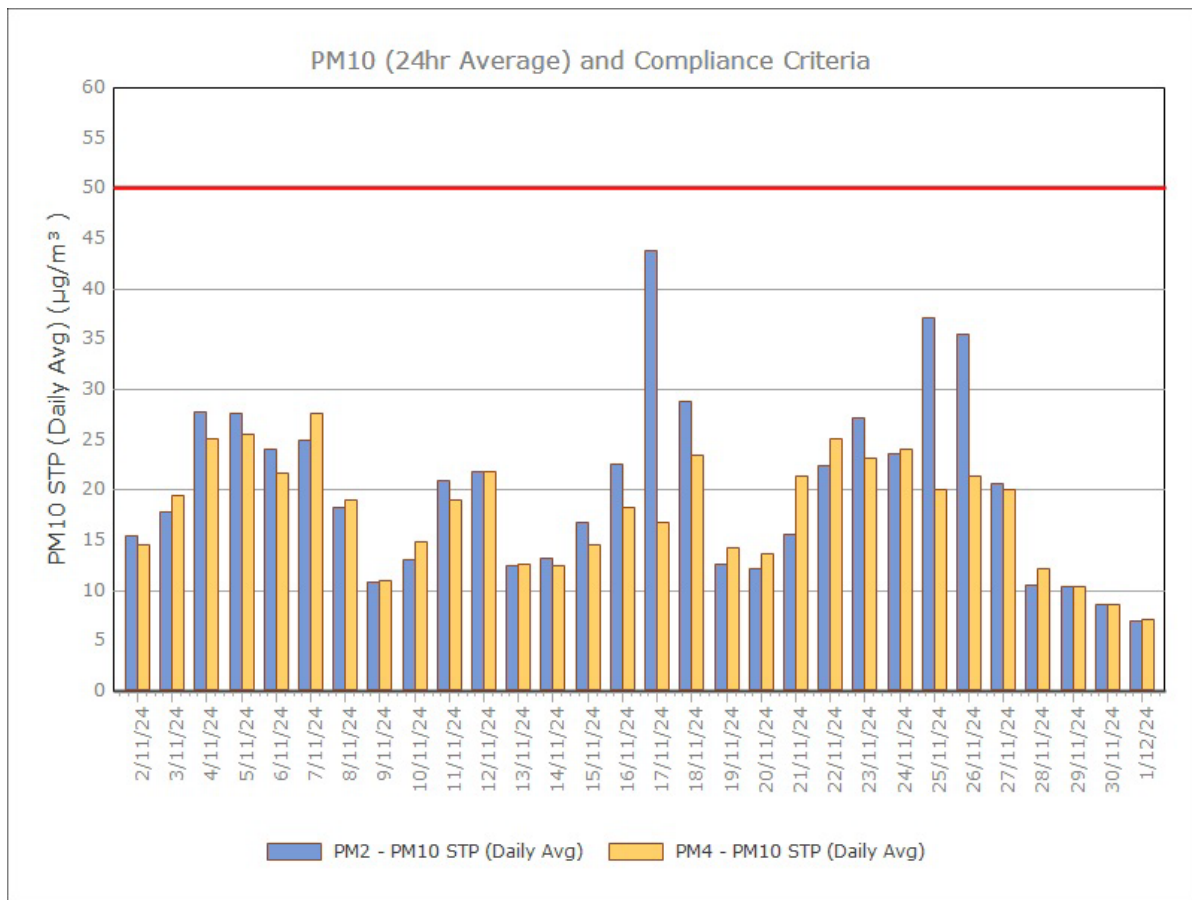
September 2024



October 2024



November 2024



December 2024

