

sunrise
energy metals

2023 ENVIRONMENTAL MONITORING RESULTS

AIR QUALITY

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Premises:
Sunrise Project
Wilmatha Road
Fifield, NSW, 2875

[Environment Protection Licence #21146](#)

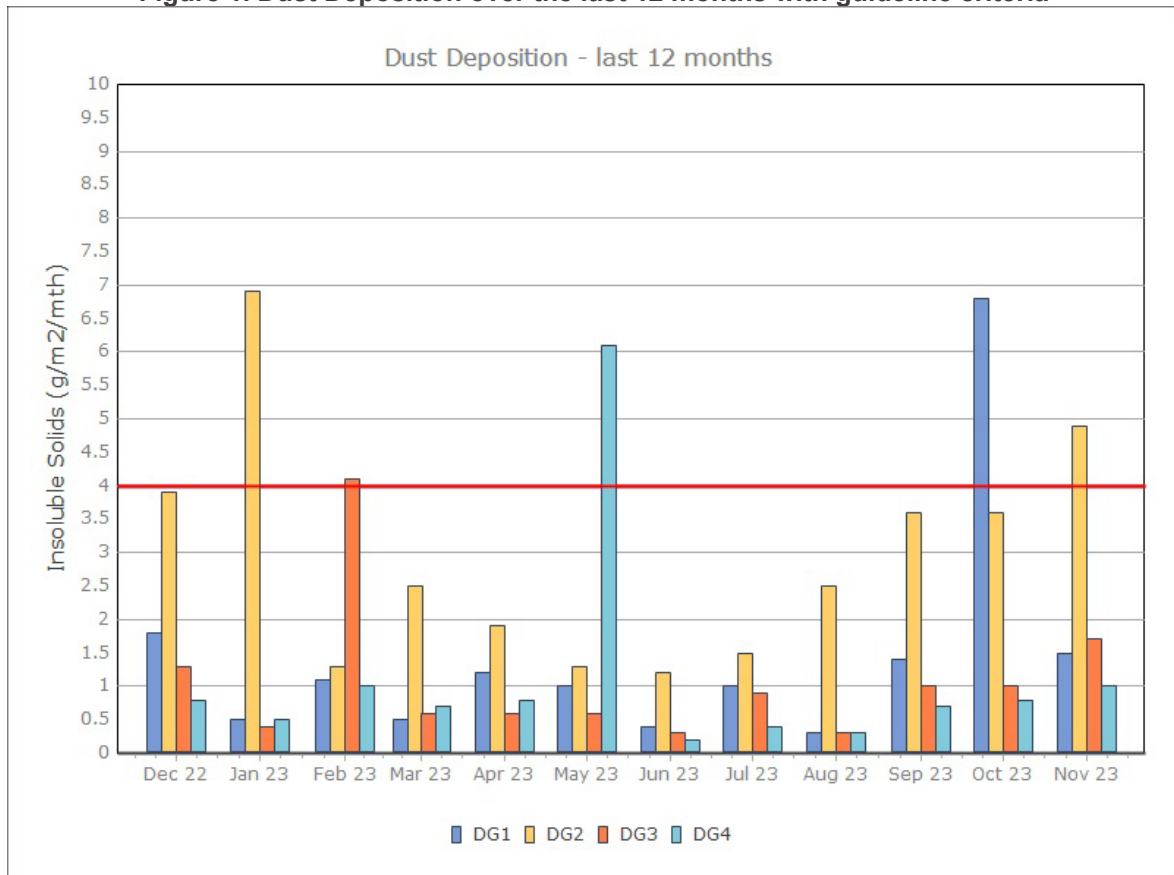
Dust Deposition

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	1/01/2023 - 1/02/2023	15/02/2023	-	0.5	6.9	0.5	0.4
February	1/02/2023 - 28/02/2023	10/03/2023	22/03/2023	1.1	1.3	1.0	4.1
March	28/02/2023 - 31/03/2023	14/04/2023	24/04/2023	0.5	2.5	0.6	0.7
April	31/03/2023 - 01/05/2023	18/05/2023	18/05/2023	1.2	1.9	0.6	0.8
May	1/05/2023 - 31/05/2023	13/06/2023	20/06/2023	1.0	1.3	0.6	6.1
June	31/05/2023 - 1/07/2023	14/07/2023	21/07/2023	0.4	1.2	0.3	0.2
July	1/07/2023 - 1/8/2023	14/08/2023	16/08/2023	1.0	1.5	0.9	0.4
August	1/08/2023 - 1/09/2023	14/09/2023	19/09/2023	0.3	2.5	0.3	0.3
September	1/09/2023 - 3/10/2023	18/10/2023	9/11/2023	1.4	3.6	1.0	0.7
October	3/10/2023 - 1/11/2023	10/11/2023	22/12/2023	6.8	3.6	1	0.8
November	1/11/2023 - 1/12/2023	12/12/2023	22/12/2023	1.5	4.9	1.7	1.0
December							
Average (Mean)				1.4	2.8	0.8	1.5
Median				1.0	2.2	0.6	0.8
Maximum				6.8	6.9	1.7	6.1
Minimum				0.3	1.2	0.3	0.2

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 – November 2023

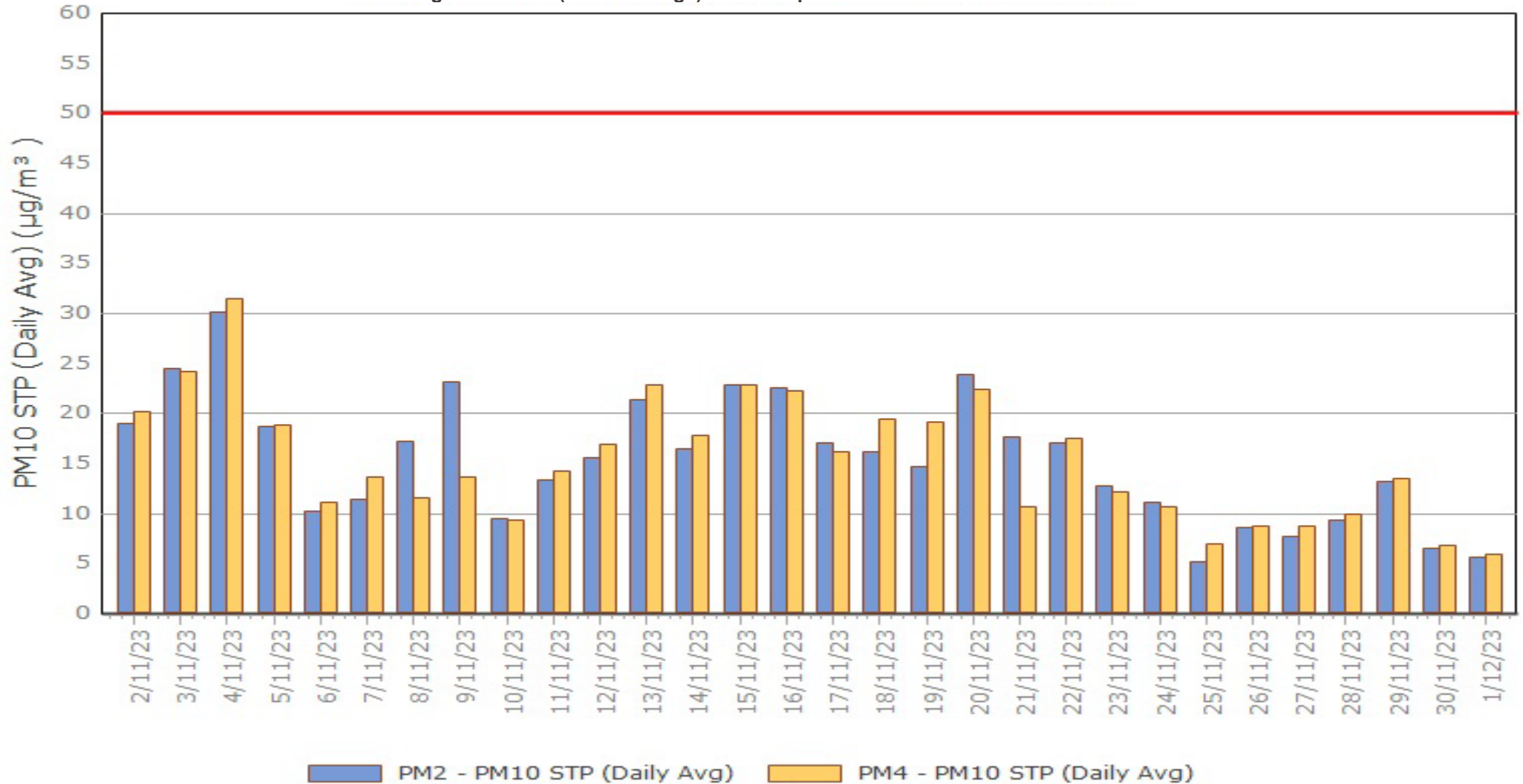
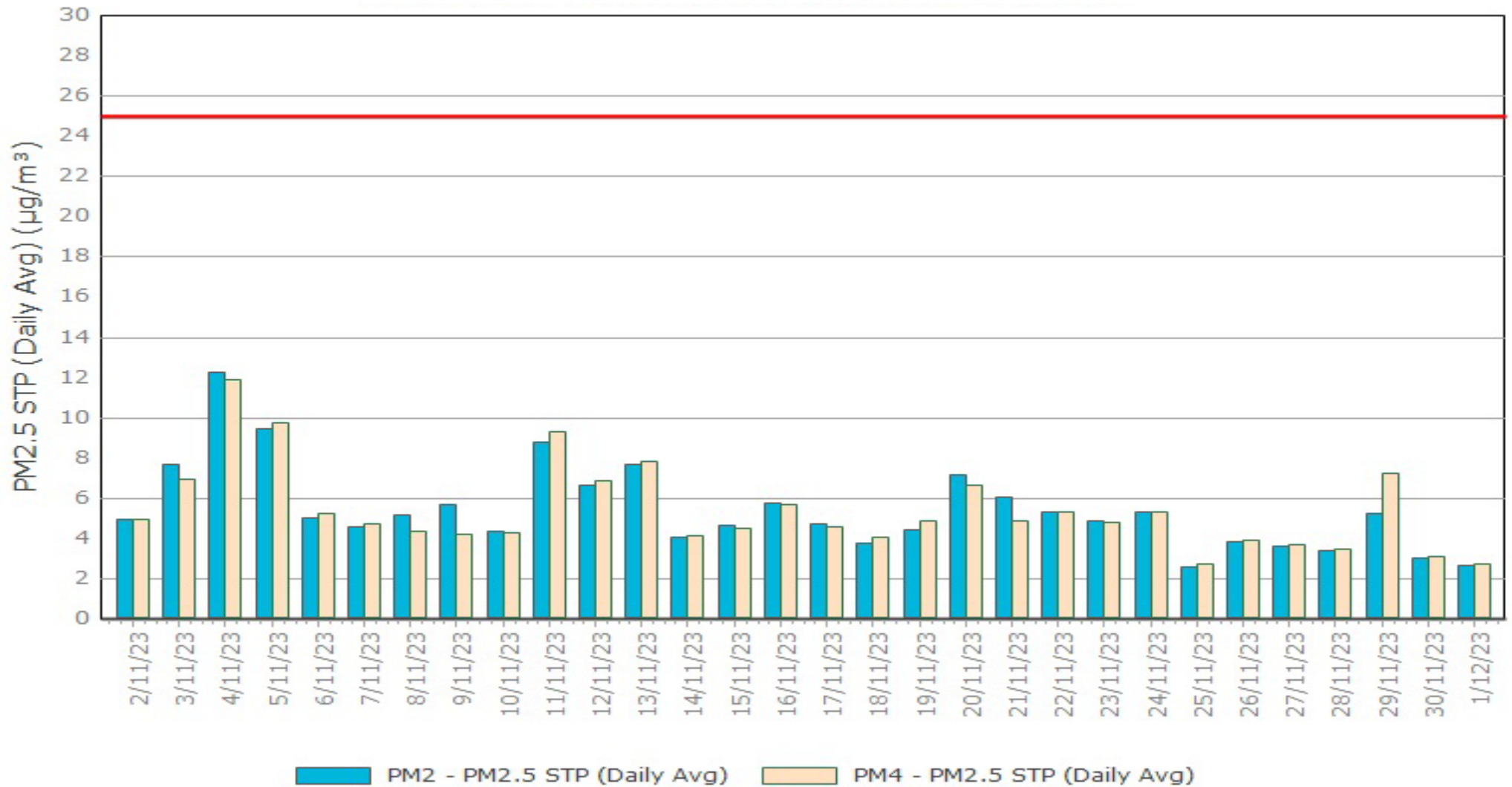
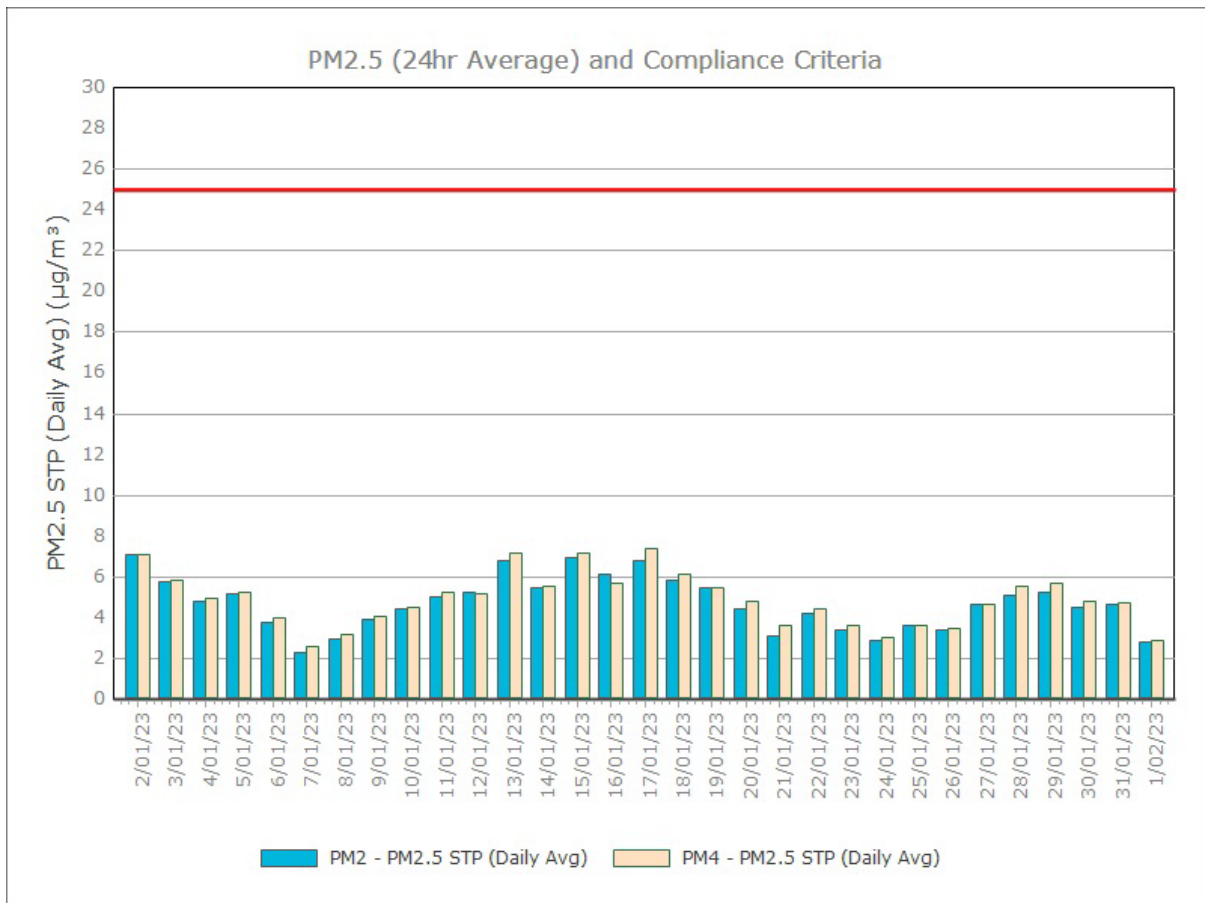
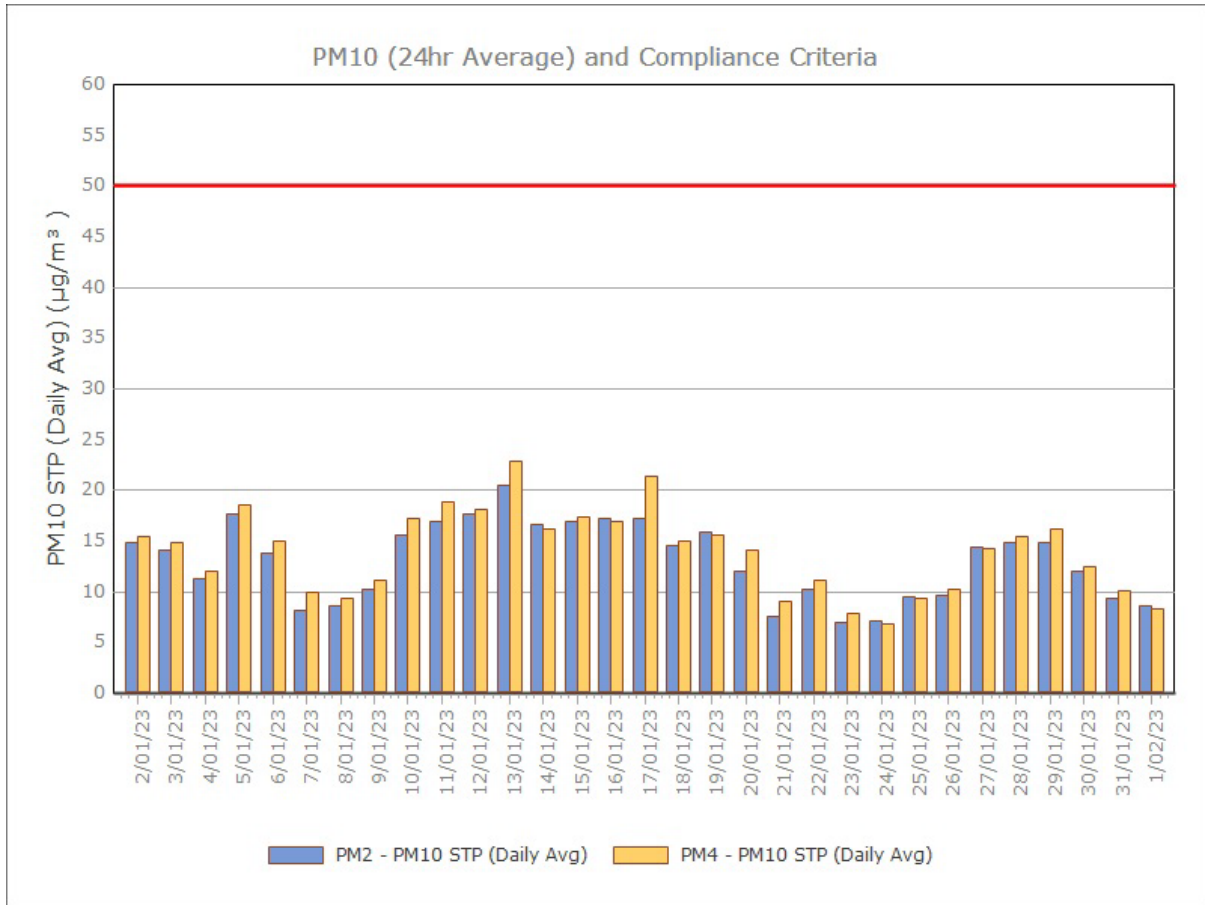


Figure 3. PM2.5 (24 hr Average) with Compliance Criteria – November 2023

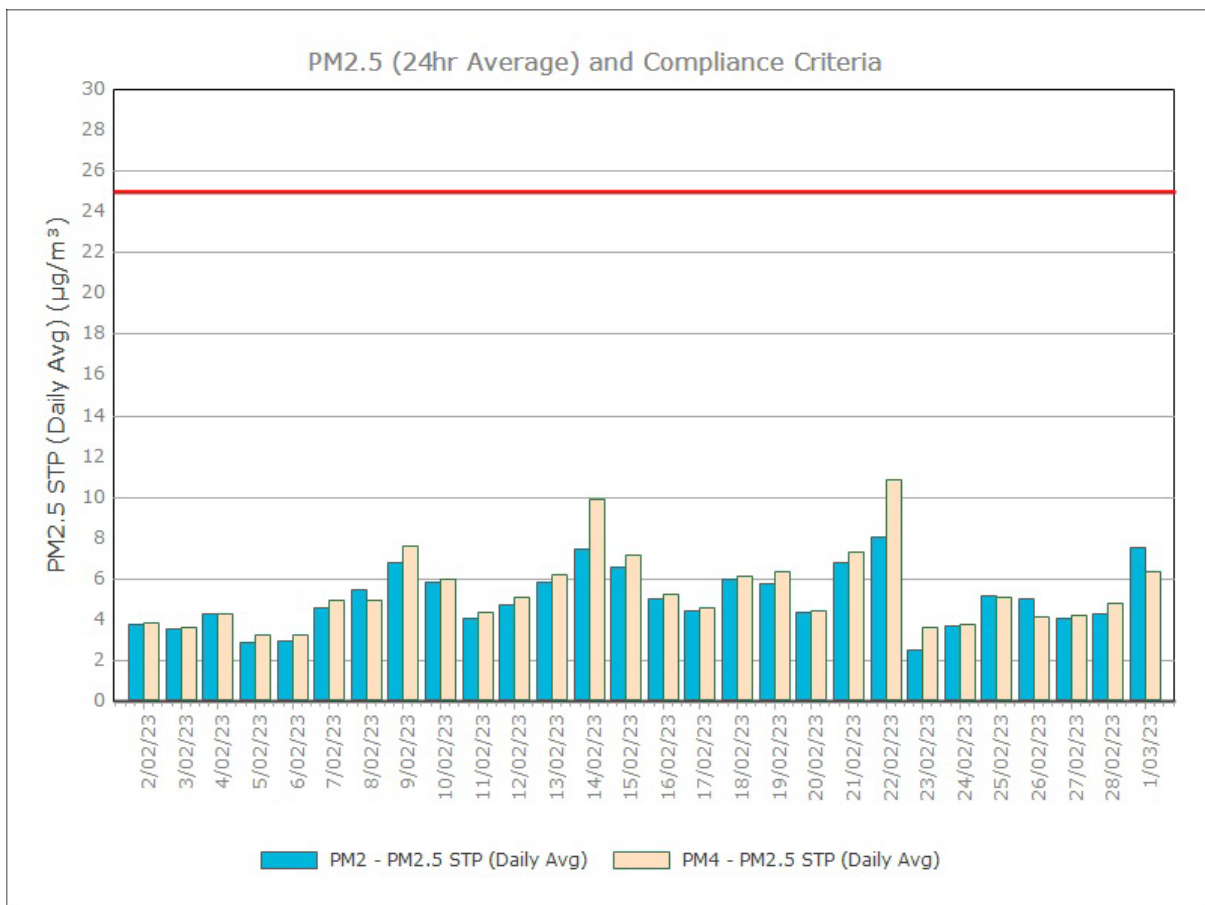
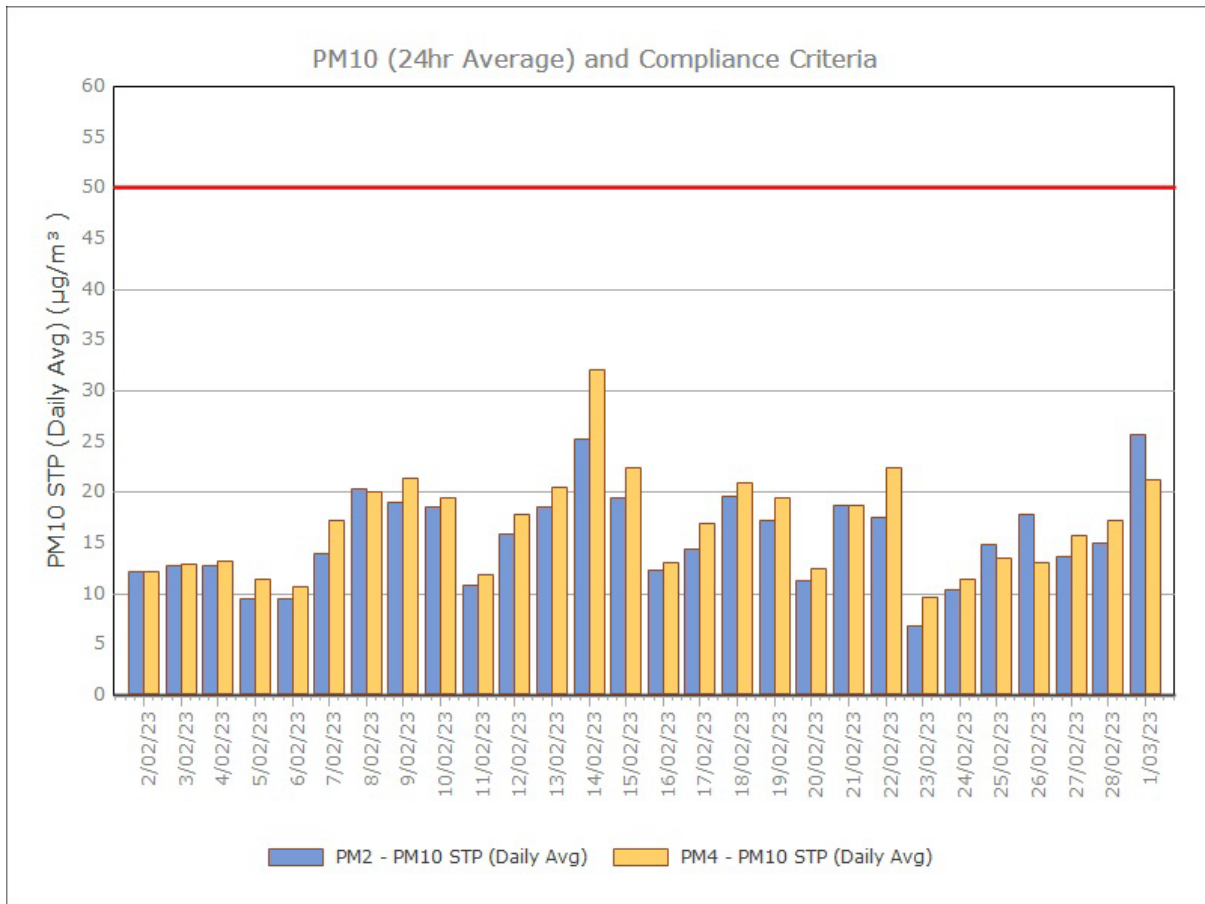


APPENDIX: MONTHLY GRAPHS

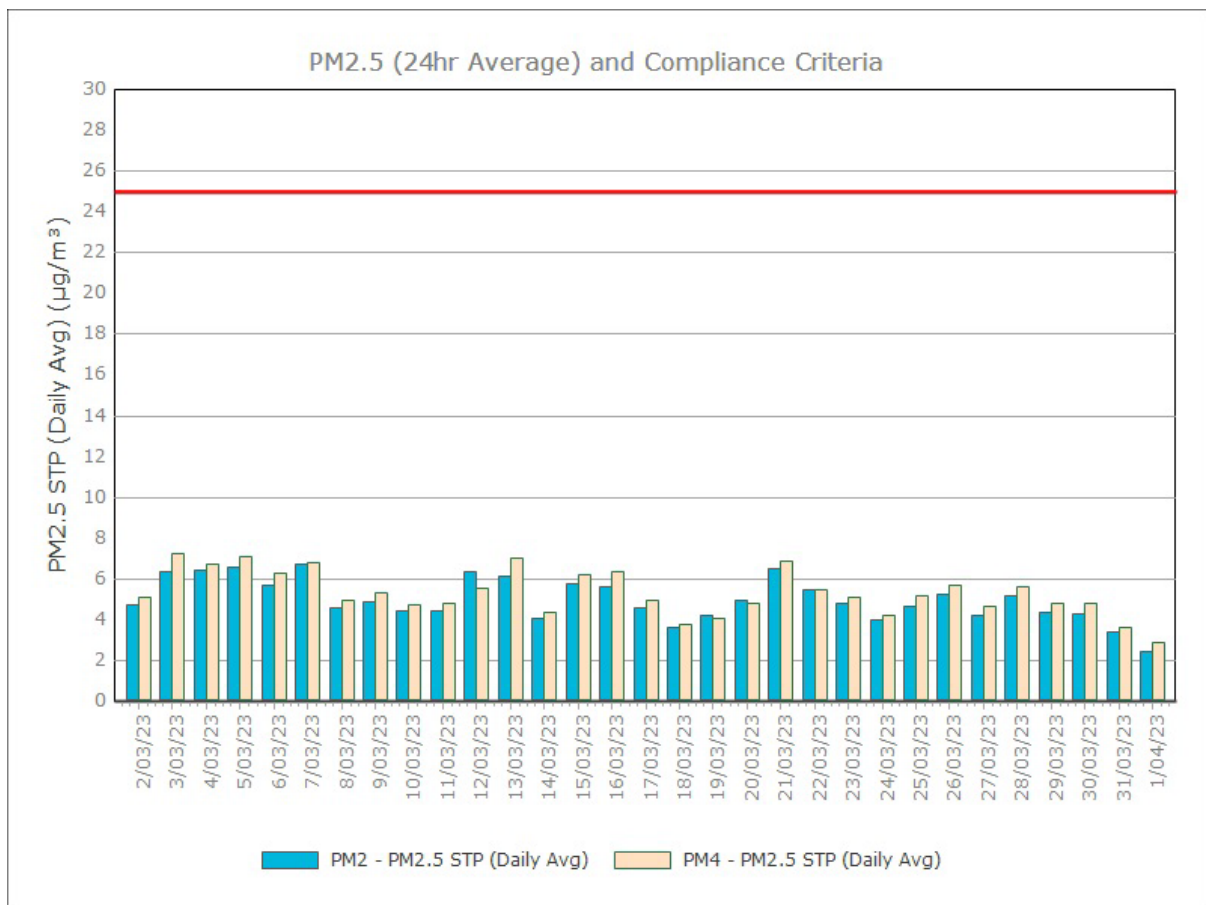
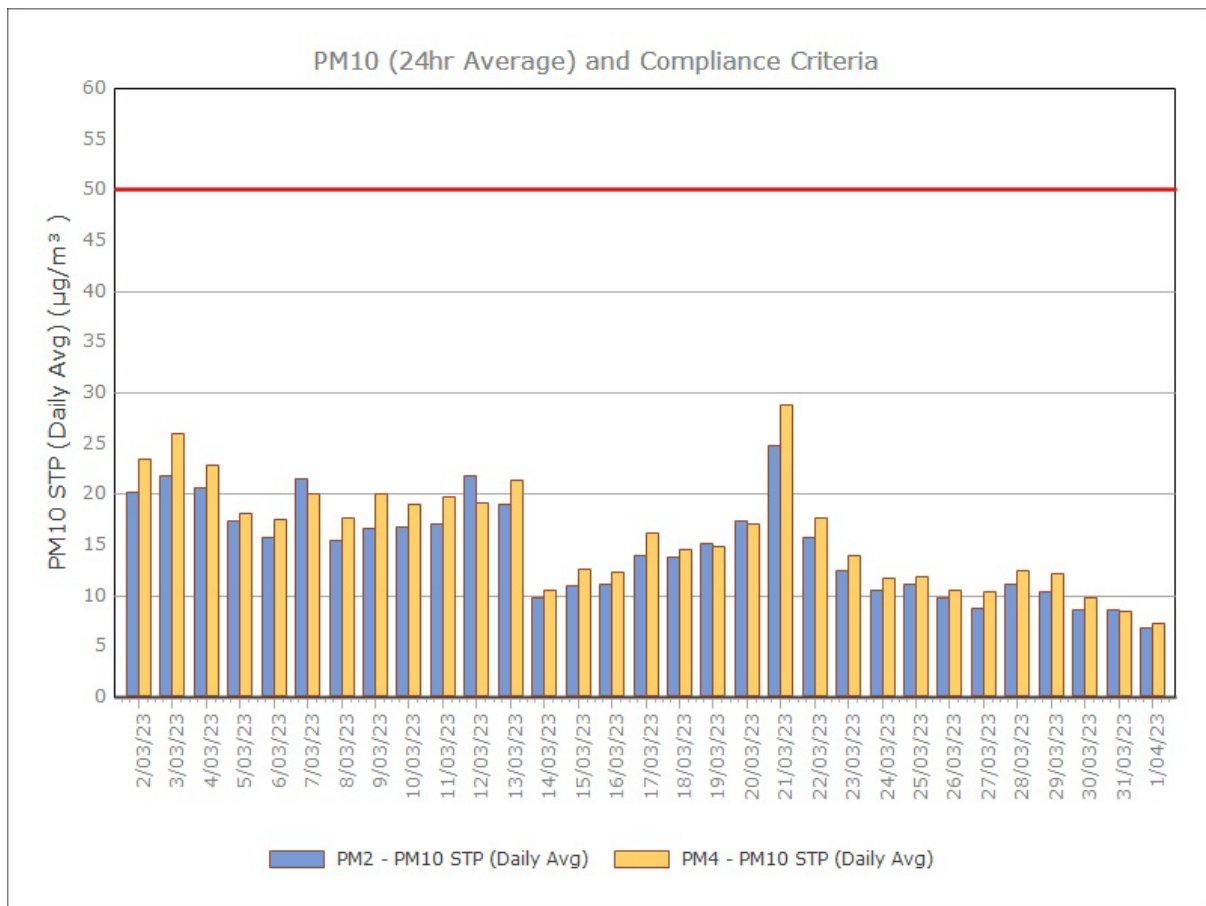
January 2023



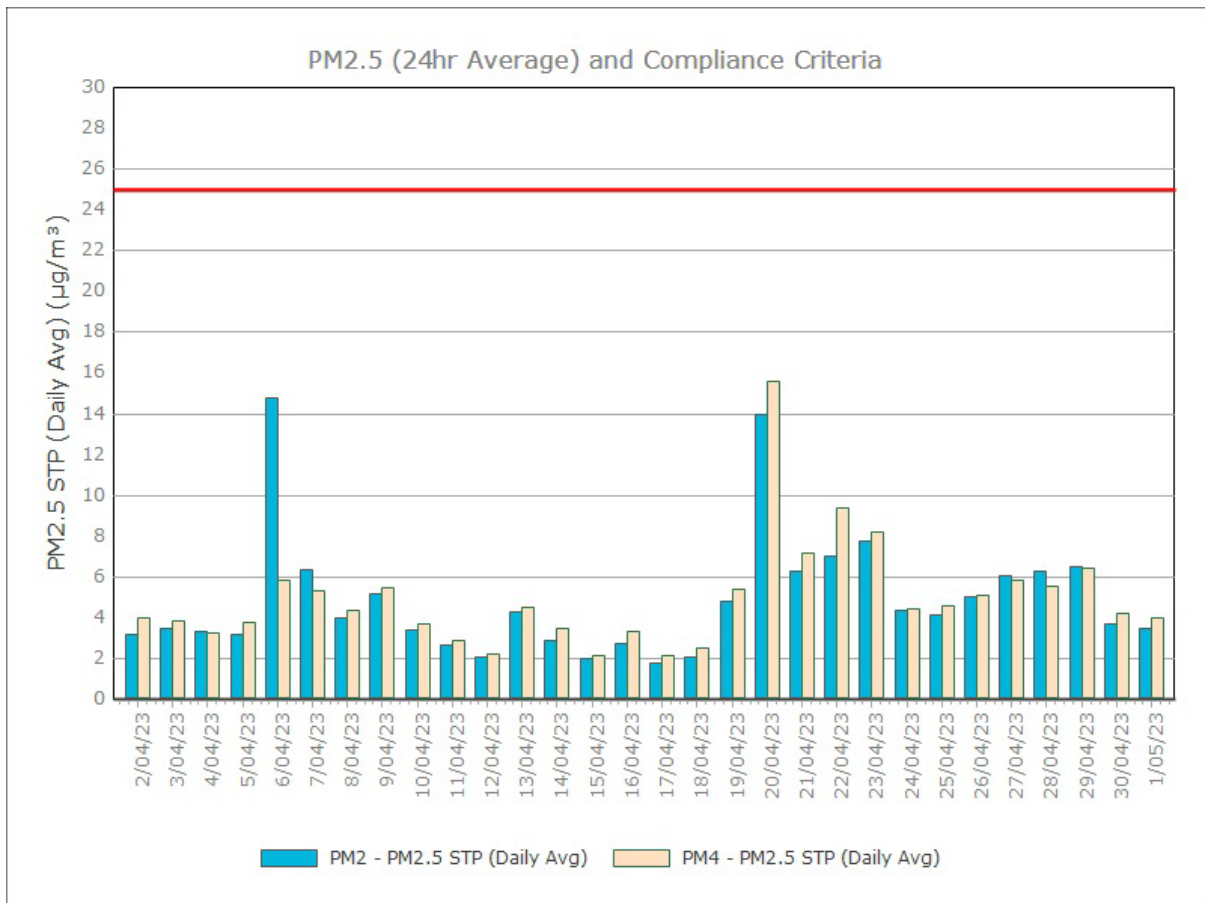
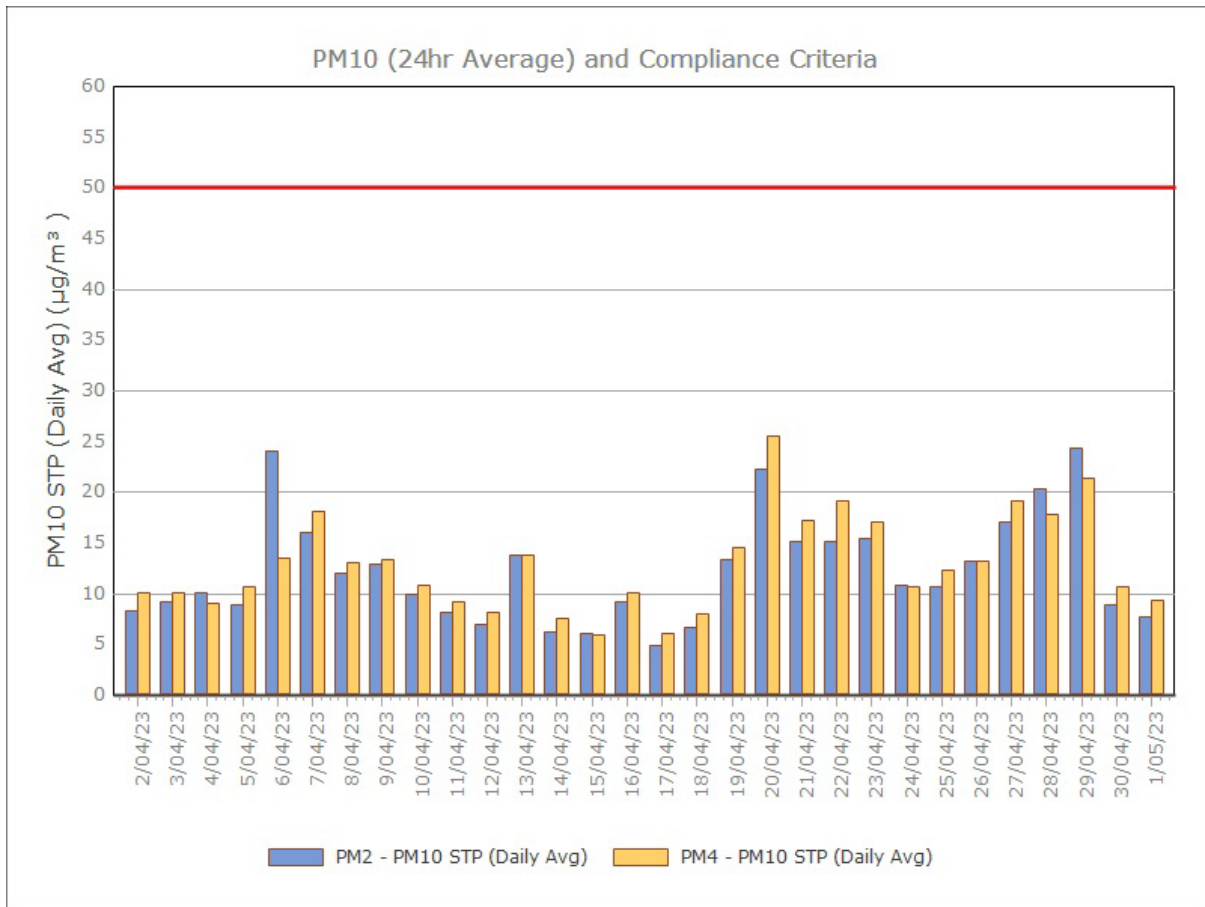
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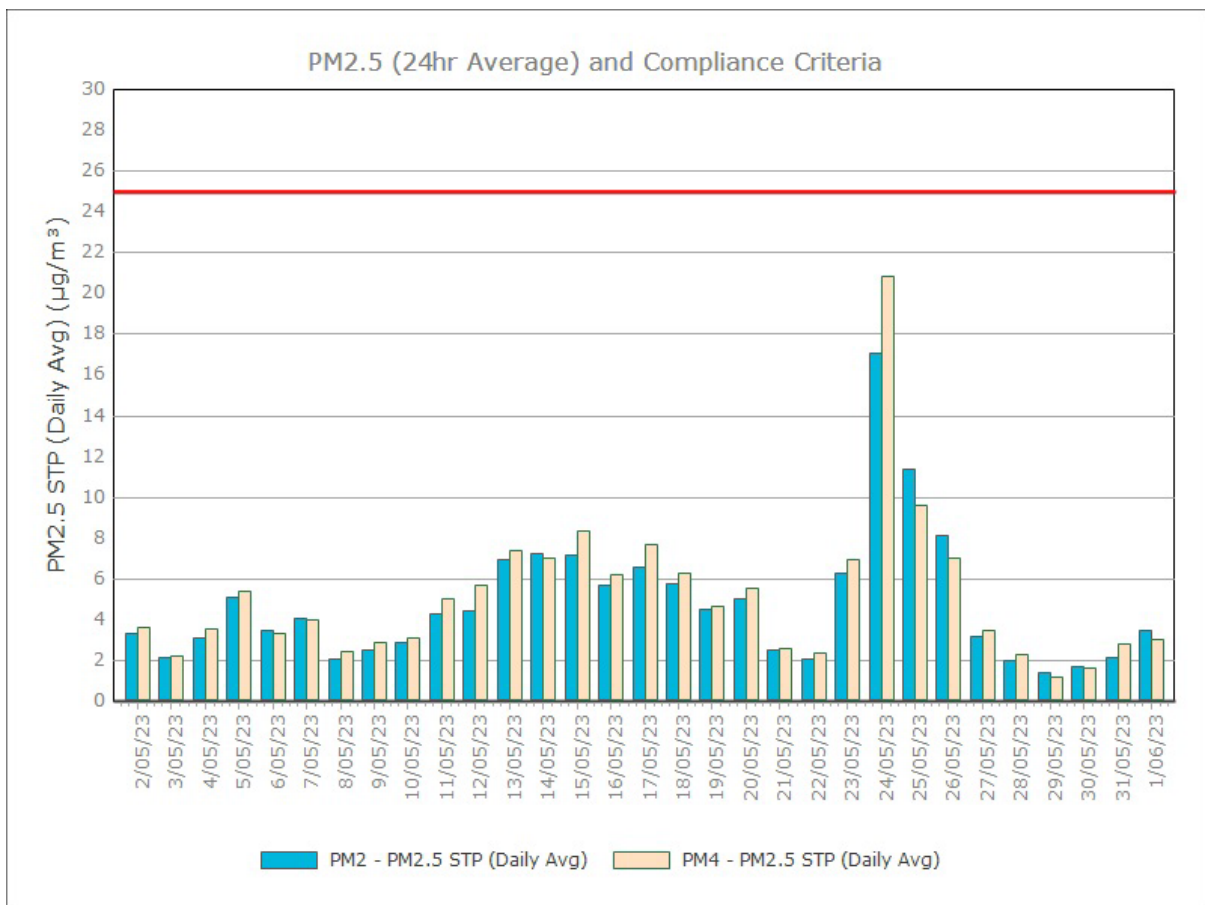
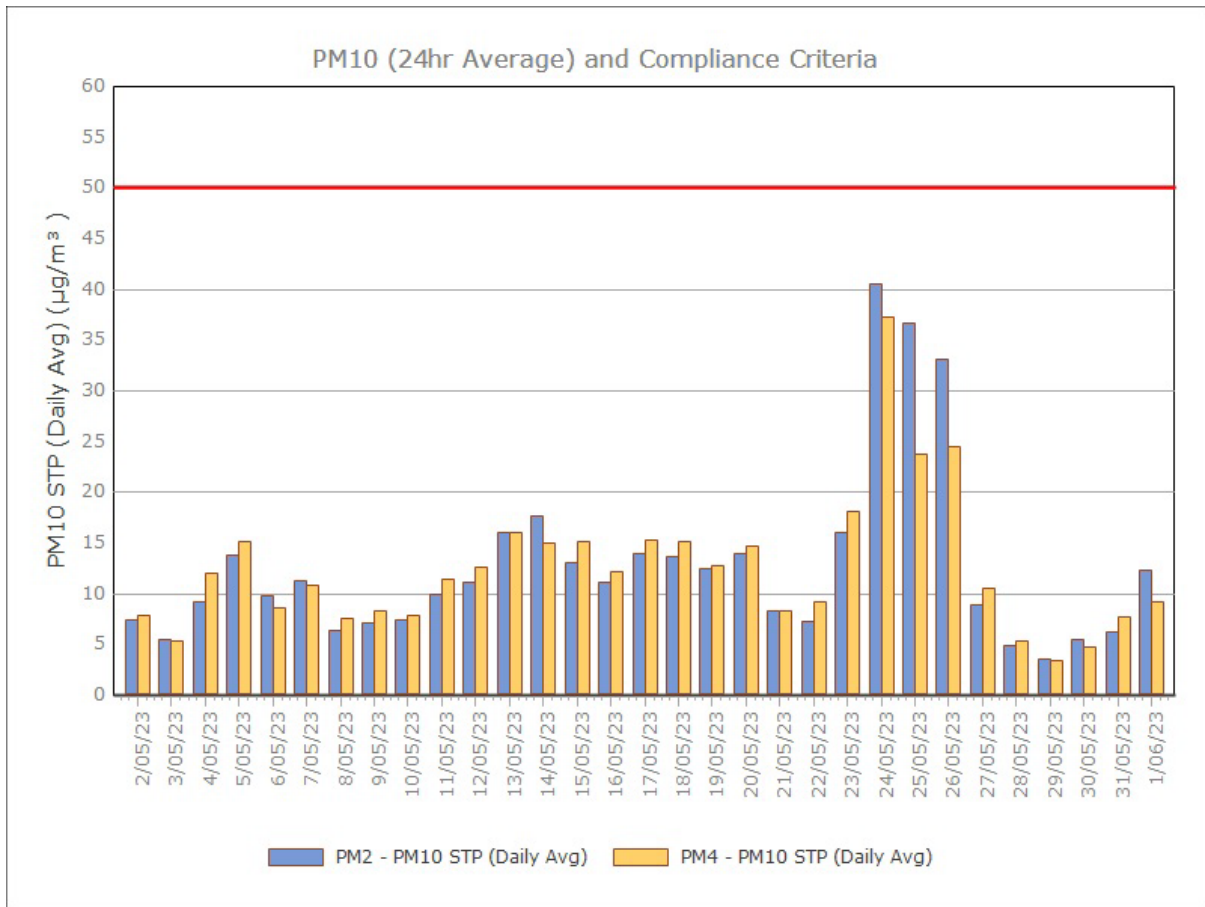
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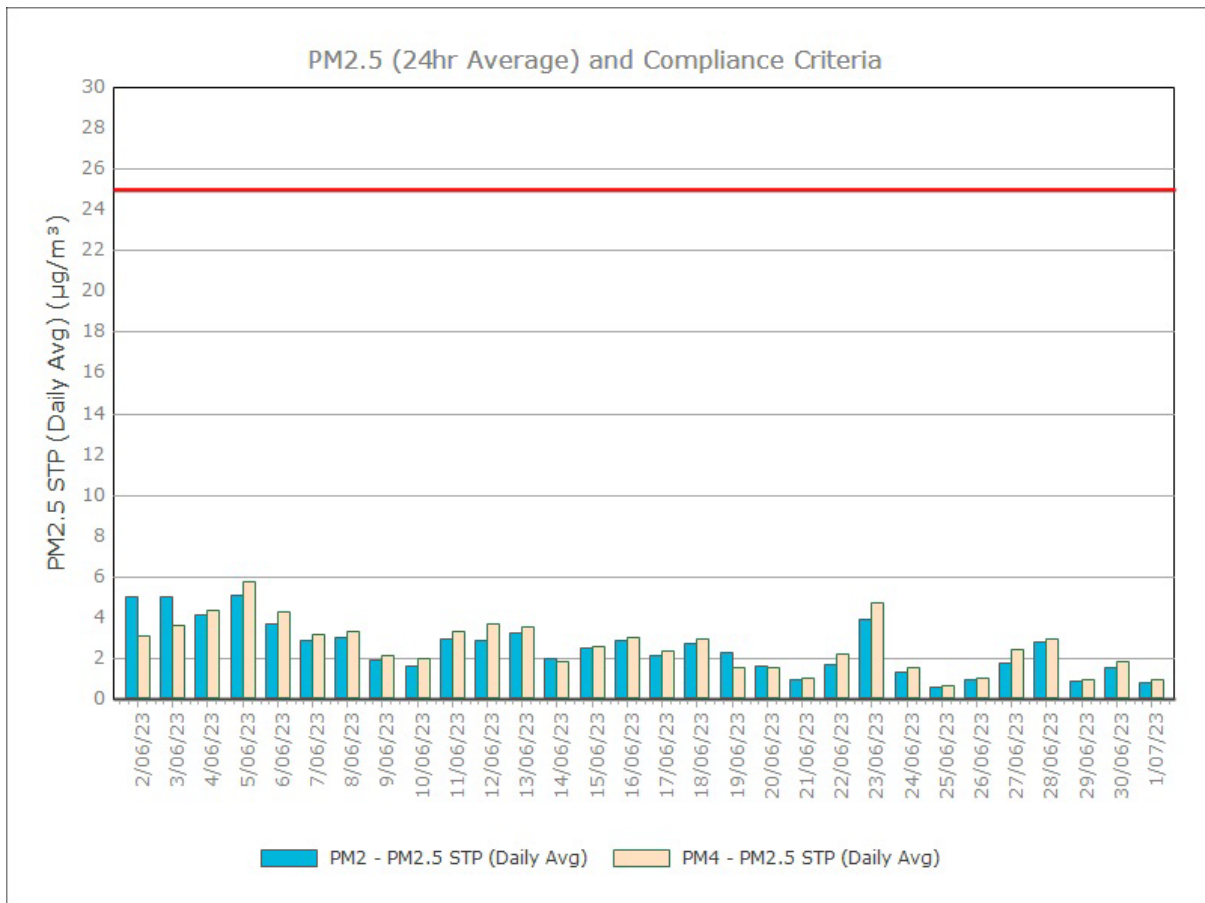
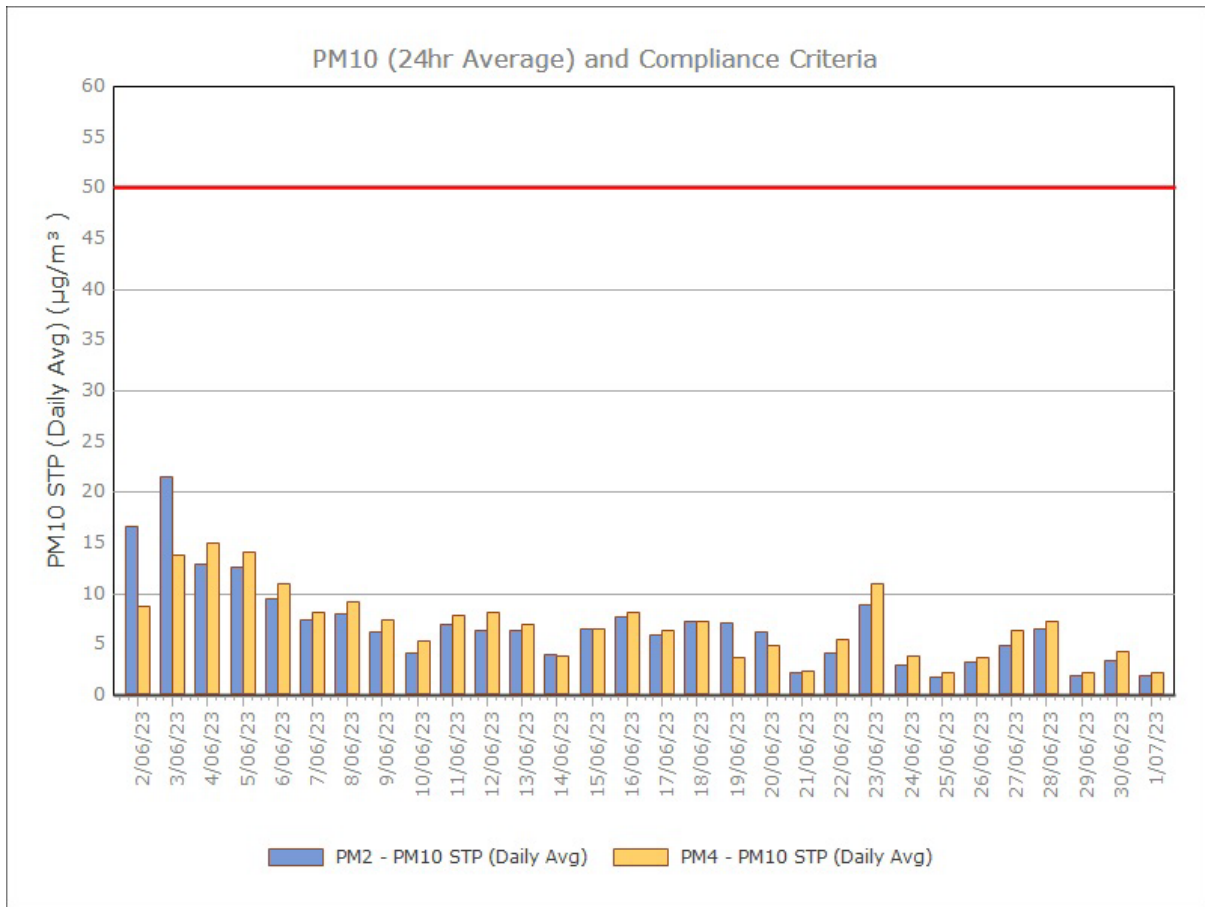
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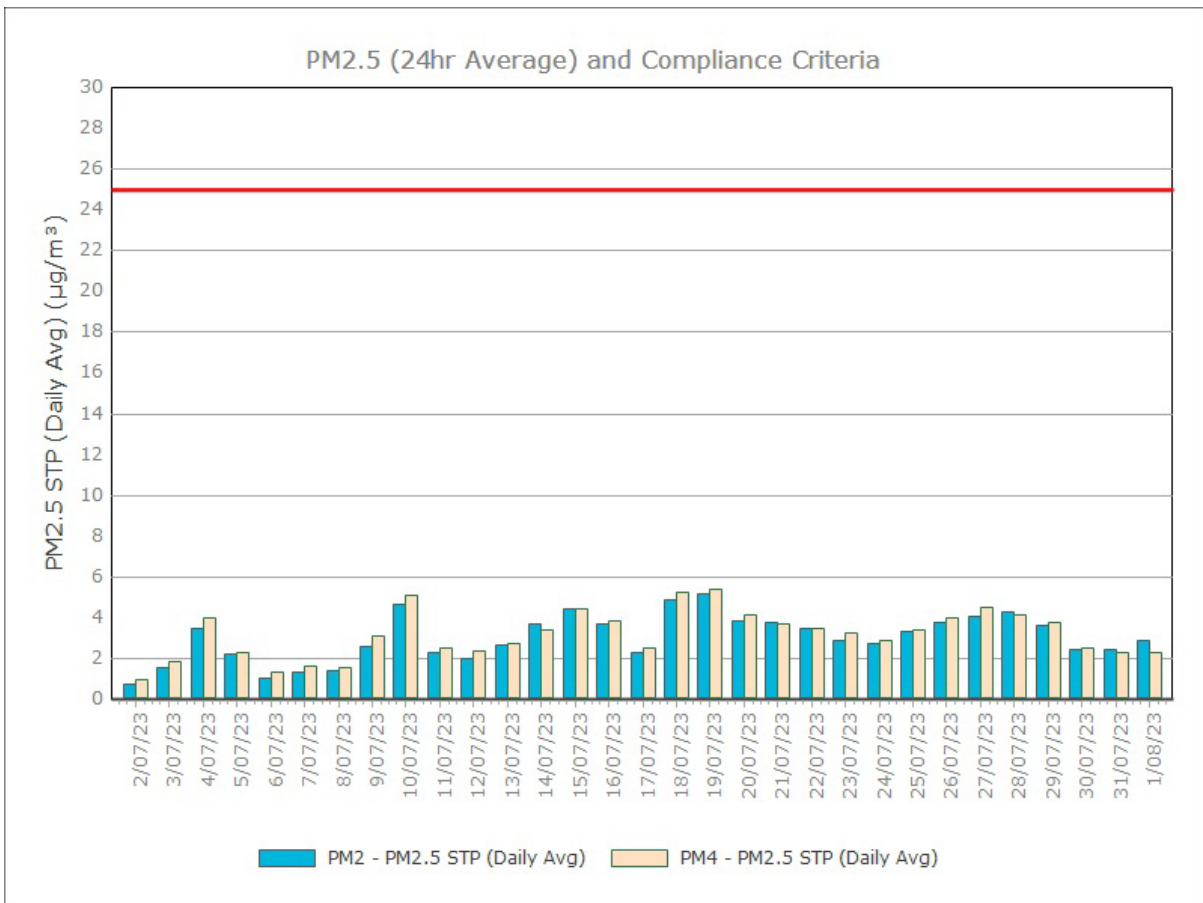
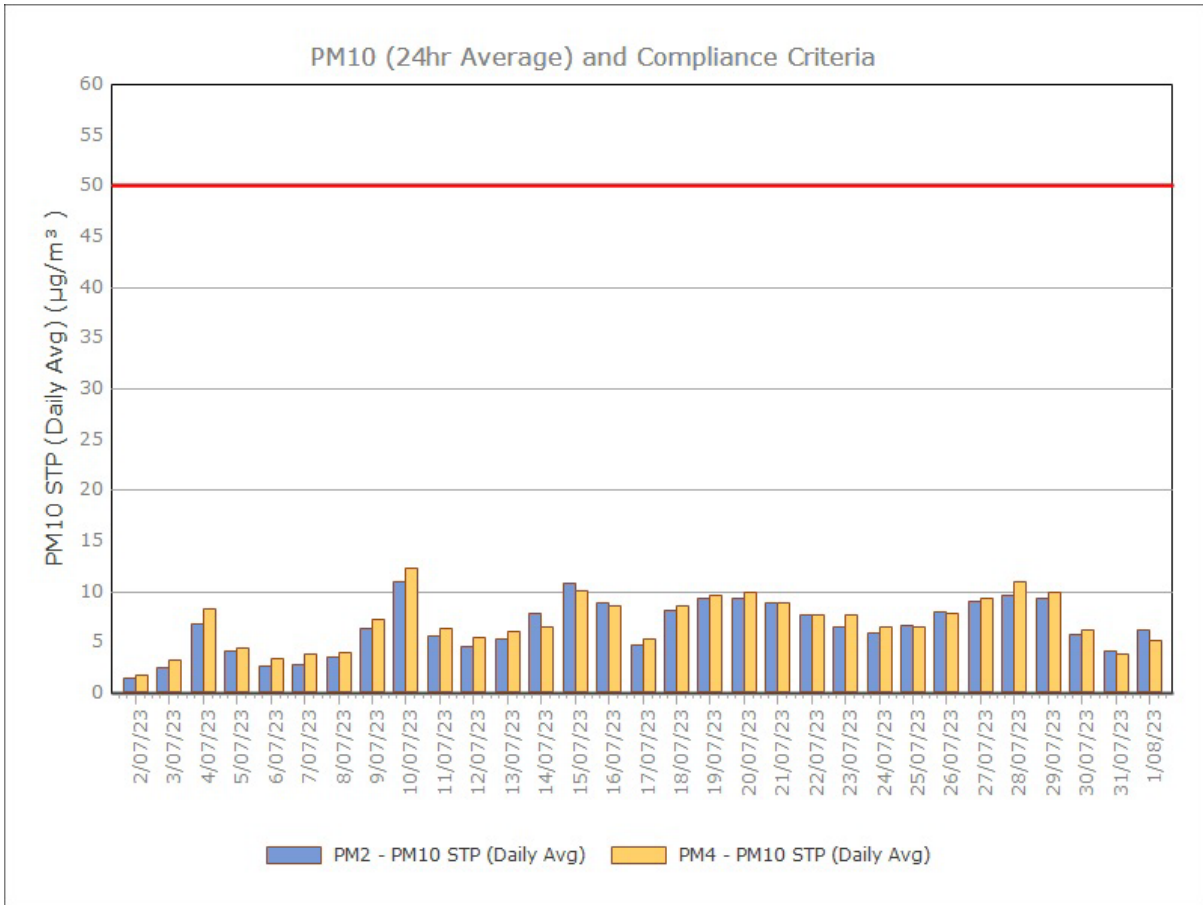
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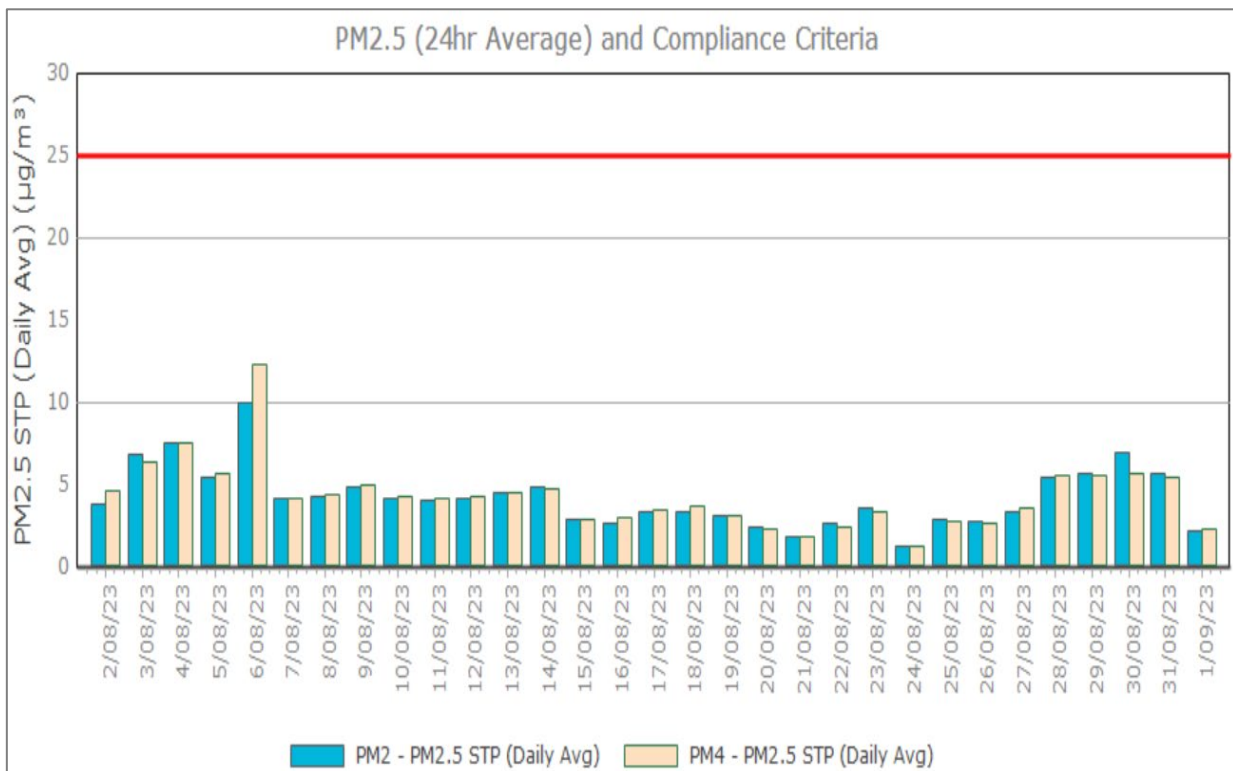
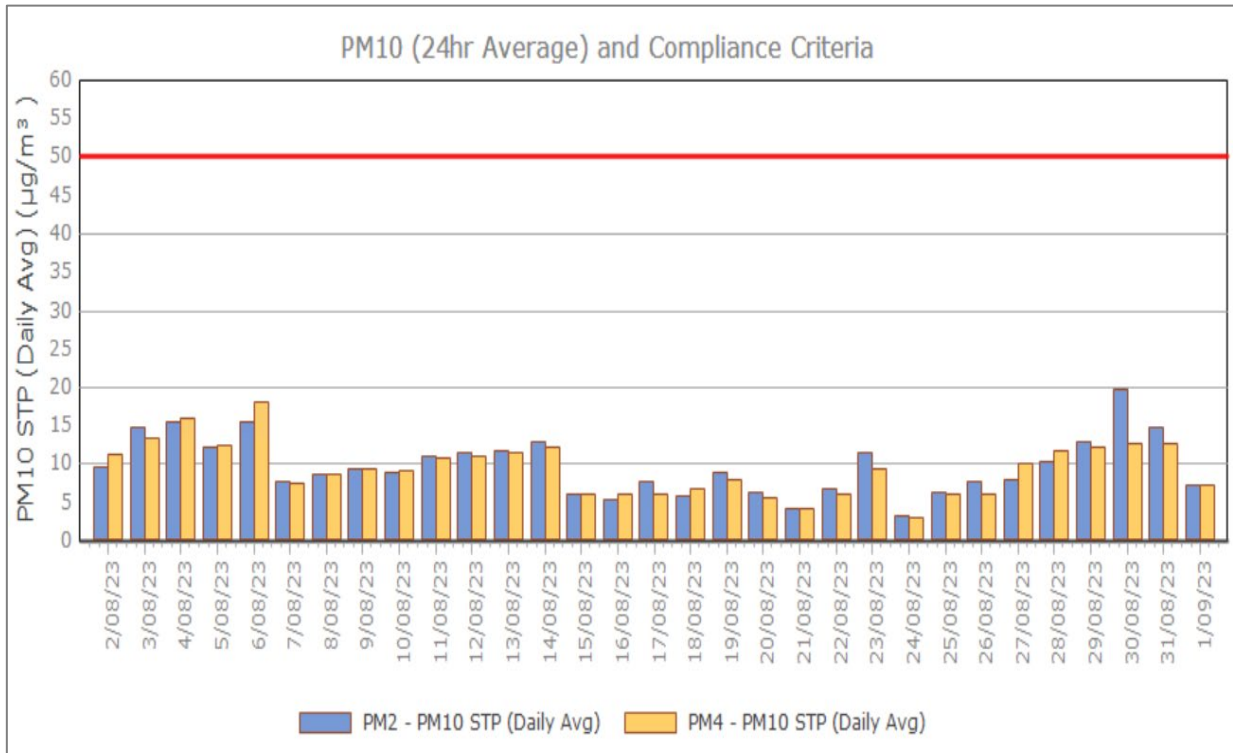
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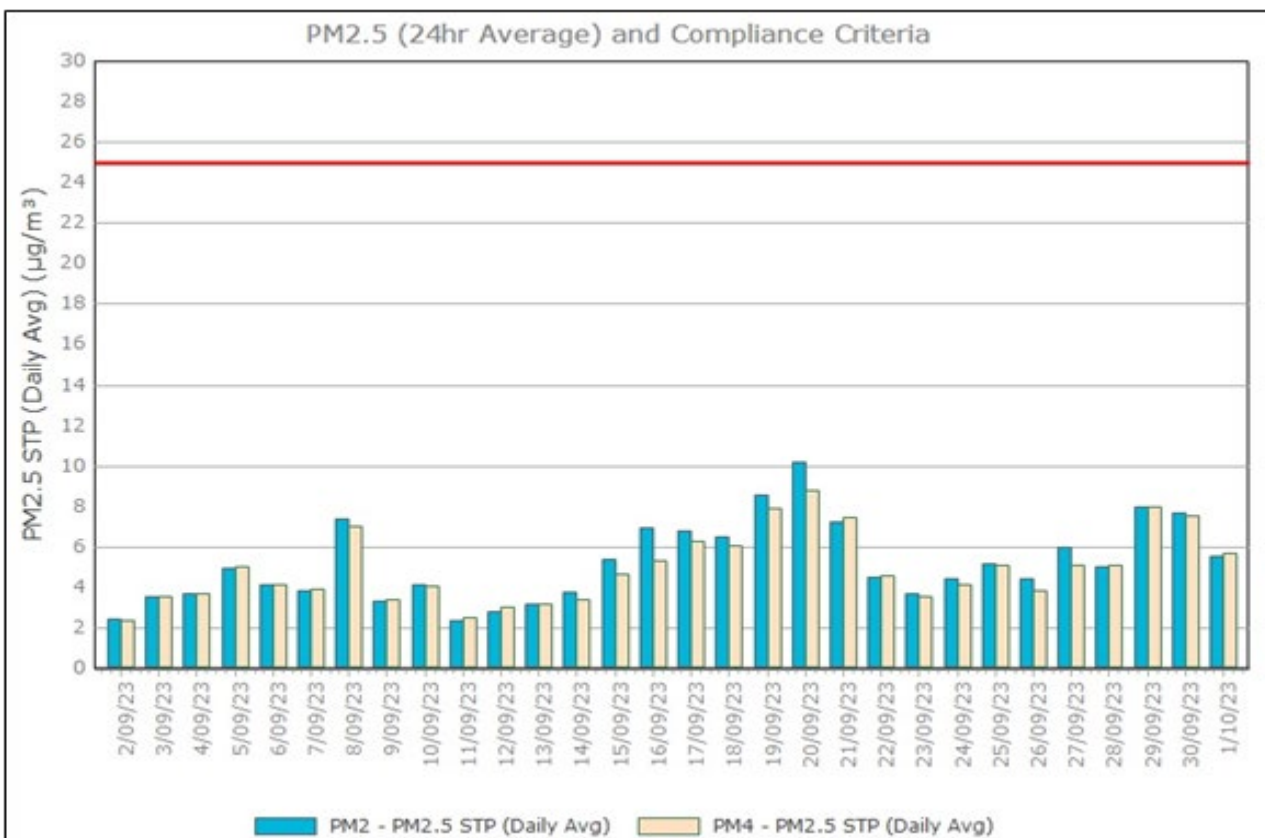
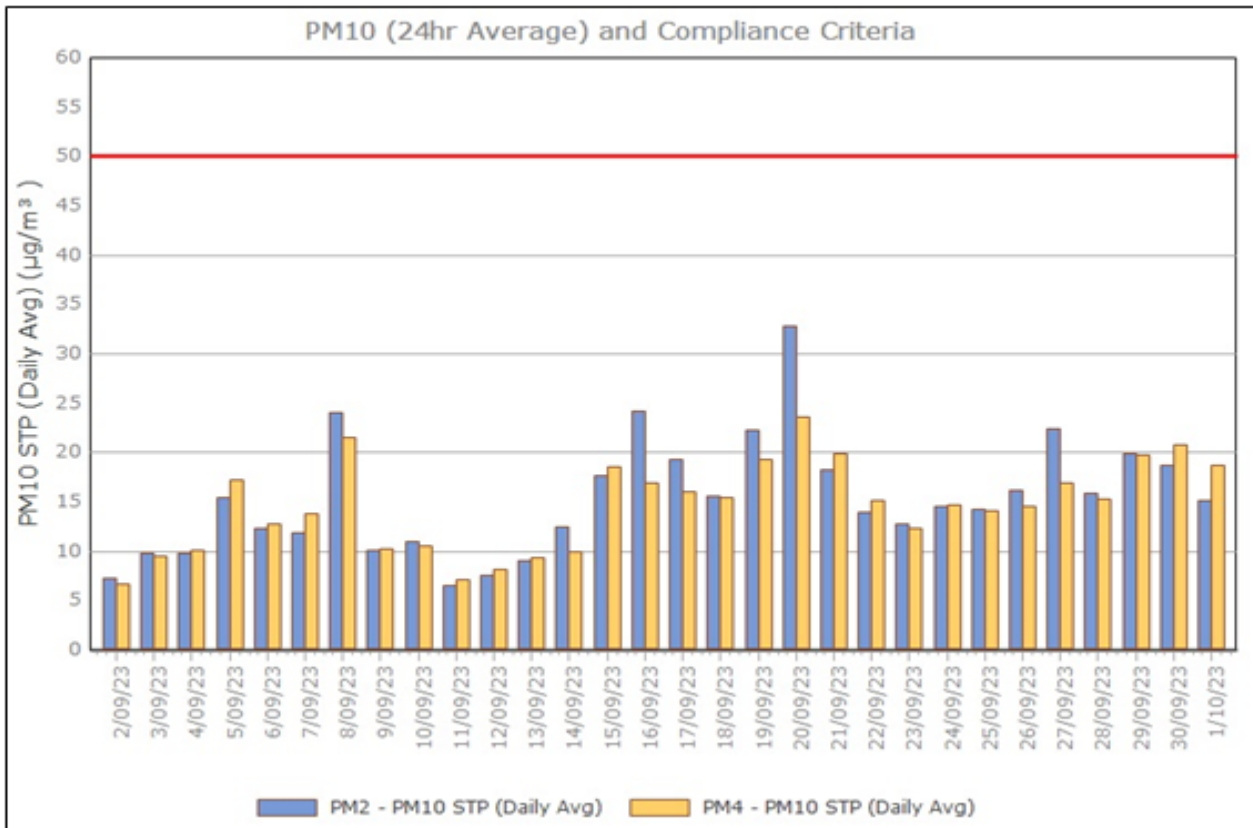
July 2023



August 2023



September 2023



October 2023

