

sunrise
energy metals

2021 ENVIRONMENTAL MONITORING RESULTS

AIR QUALITY - NOVEMBER

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Premises:
Sunrise Project
Wilmatha Road
Fifield, NSW, 2875

[Environment Protection Licence #21146](#)

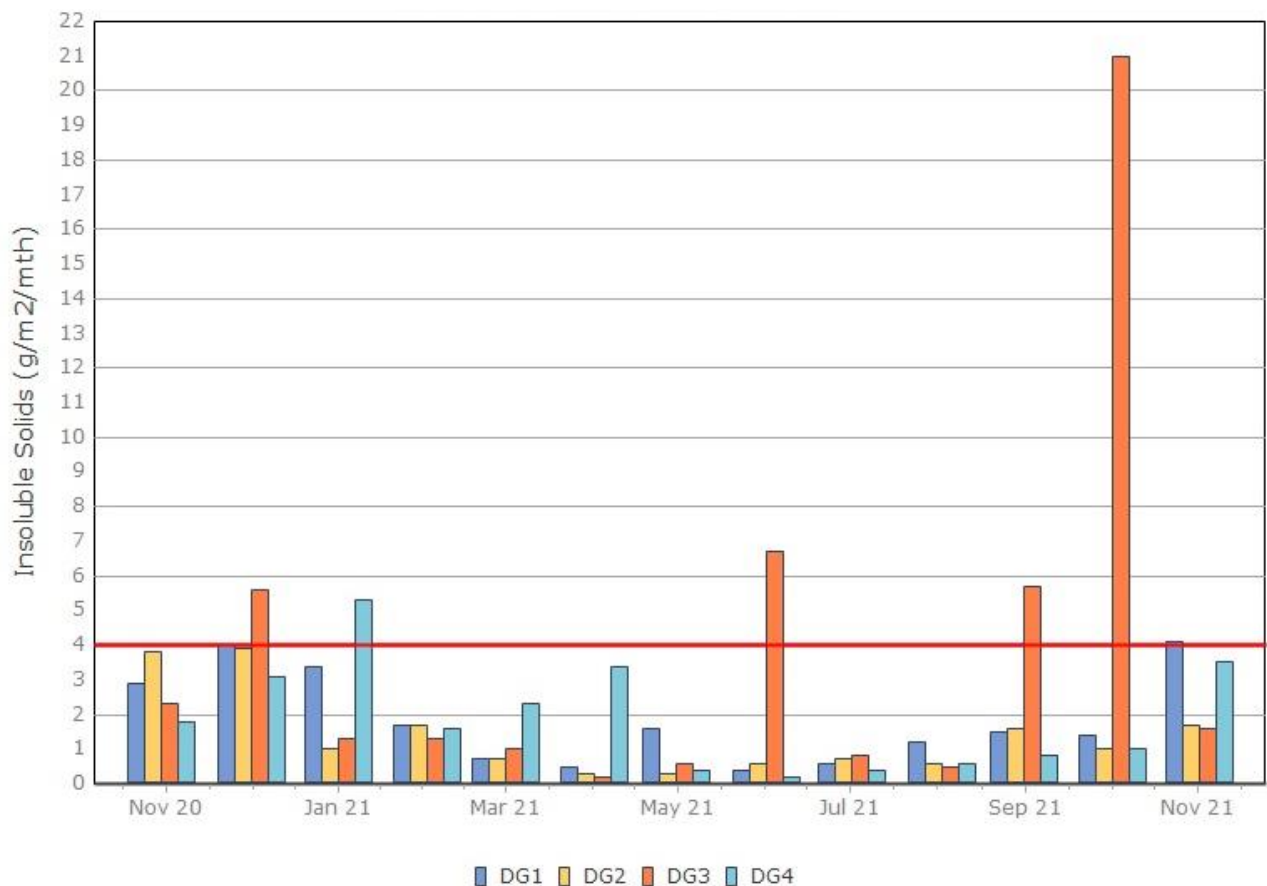
Dust Deposition

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/m2/mth)			
		Received	Published	DG1	DG2	DG3	DG4
January	1/1/21 - 1/2/21	12/2/21	4/3/21	3.4	1.0	1.3	5.3
February	1/2/21 - 1/3/21	15/3/21	24/3/21	1.7	1.7	1.3	1.6
March	1/3/21 - 1/4/21	15/4/21	20/4/21	0.7	0.7	1.0	2.3
April	1/4/21 – 30/4/21	13/5/21	28/5/21	0.5	0.3	0.2	3.4
May	30/4/21 – 1/6/21	10/6/21	23/05/21	1.6	0.3	0.6	0.4
June	1/6/21 – 1/7/21	15/7/21	21/07/21	0.4	0.6	6.7	0.2
July	1/7/21 – 2/8/21	16/8/21	18/08/21	0.6	0.7	0.8	0.4
August	2/8/21 – 31/08/21	15/09/21	23/09/21	1.2	0.6	0.5	0.6
September	31/8/21 – 1/10/21	19/10/21	28/10/21	1.5	1.6	5.7	0.8
October	1/10/21 – 1/11/21	12/11/21	22/11/21	1.4	1.0	21	1.0
November	1/11/21 – 30/11/21	21/12/2021	12/01/2022	4.1	1.7	1.6	3.5
December							
Average (Mean)				1.55	0.93	3.70	1.77
Median				1.4	0.7	1.3	1
Maximum				4.1	1.7	21	5.3
Minimum				0.4	0.3	0.2	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 2021

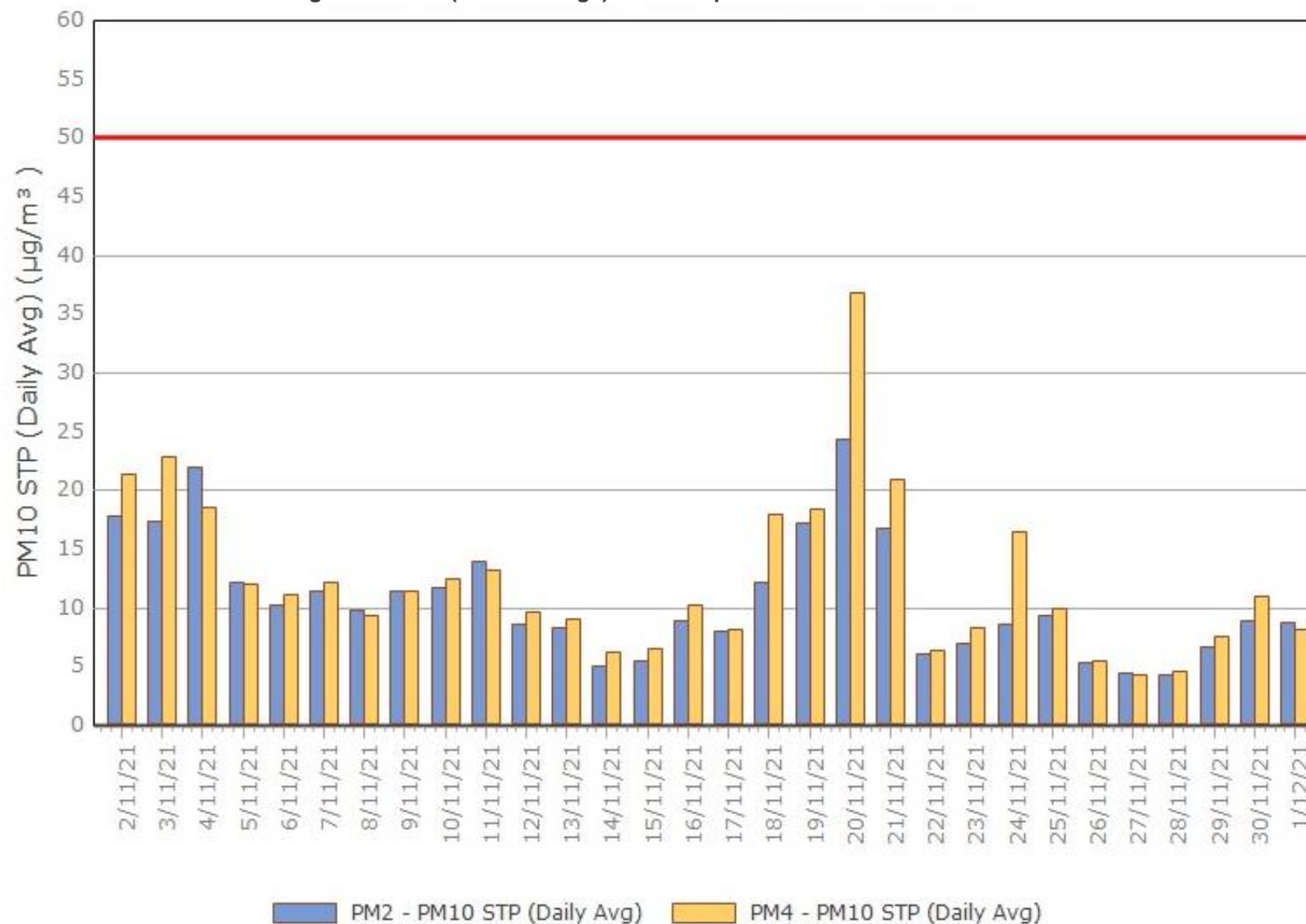
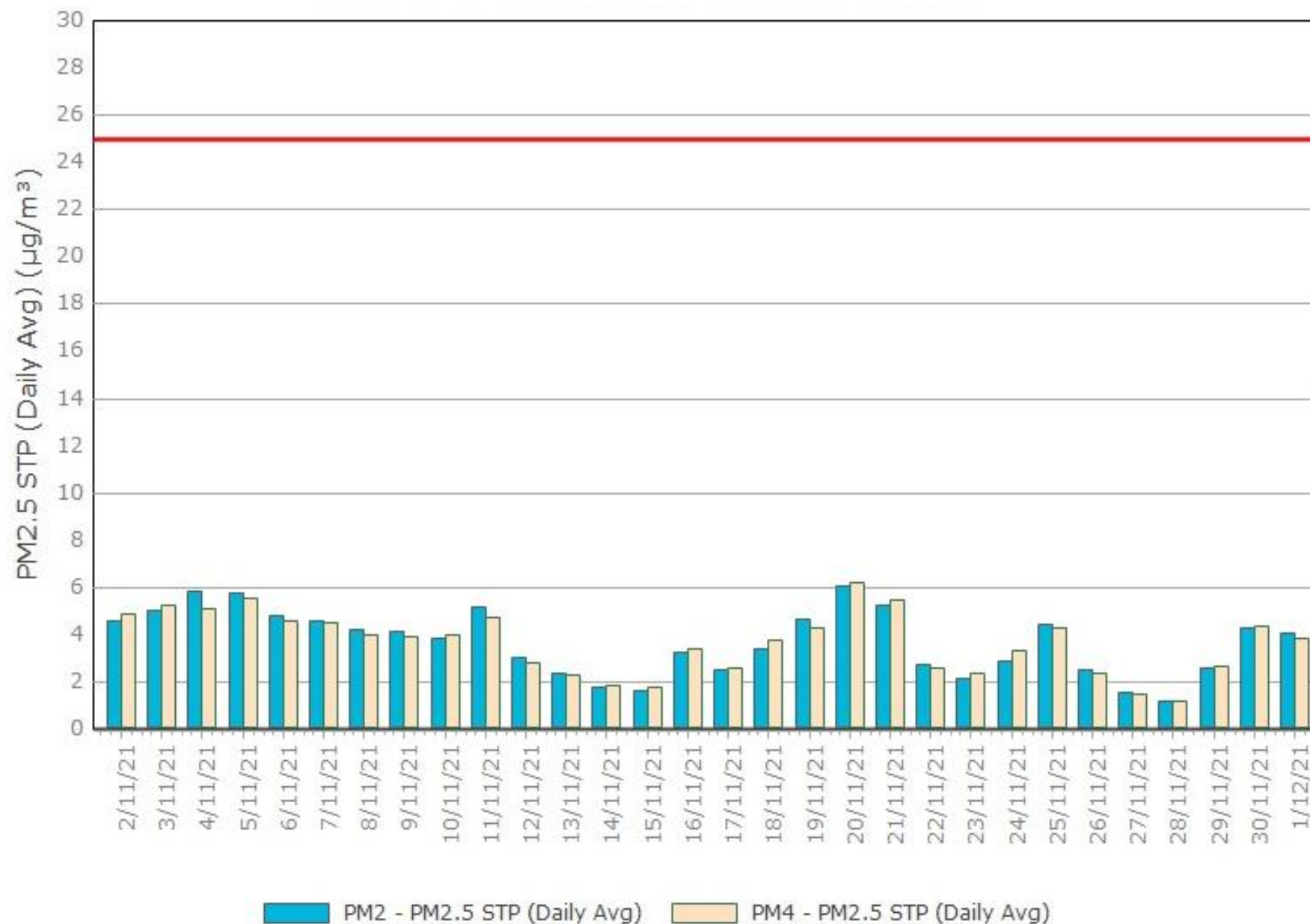


Figure 3. PM2.5 (24 hr Average) with Compliance Criteria – November 2021

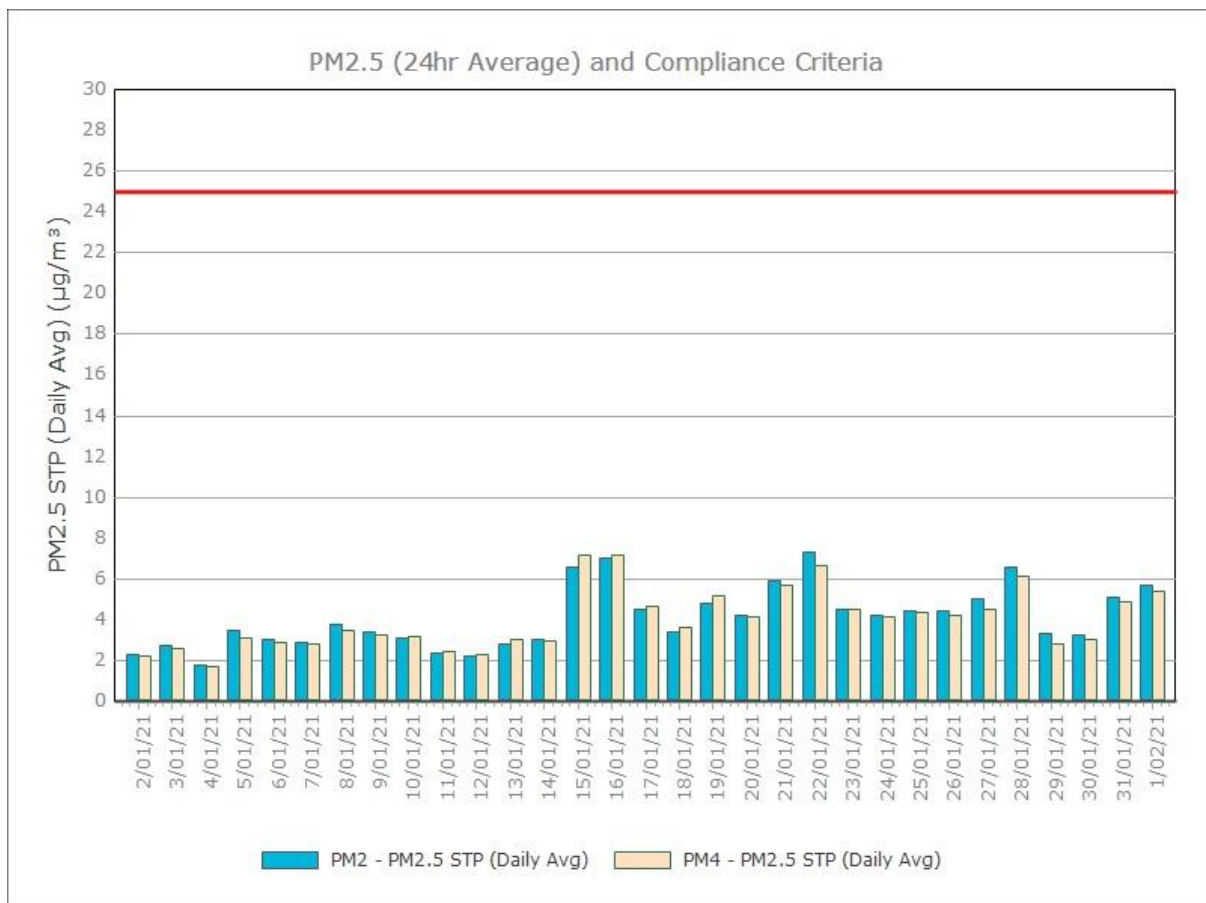
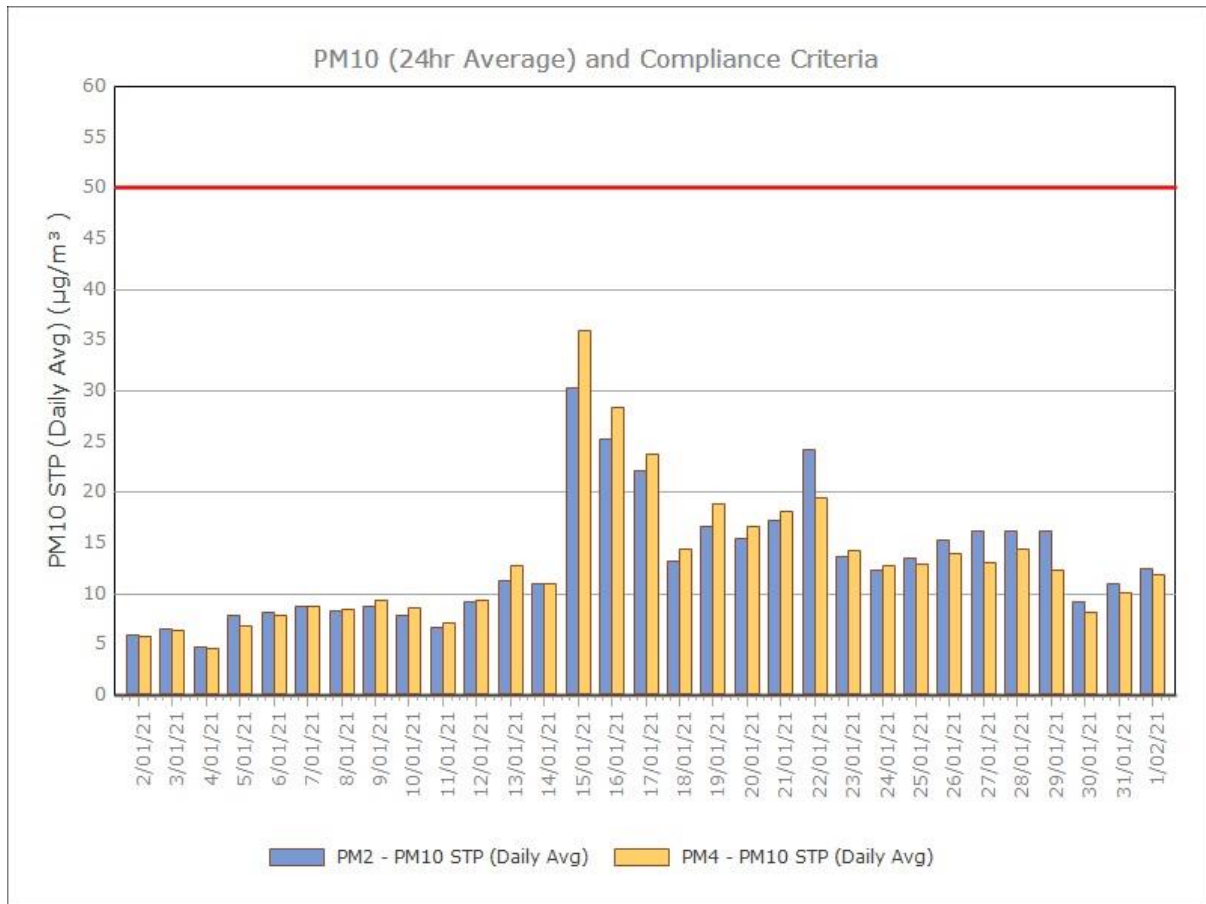


APPENDIX:

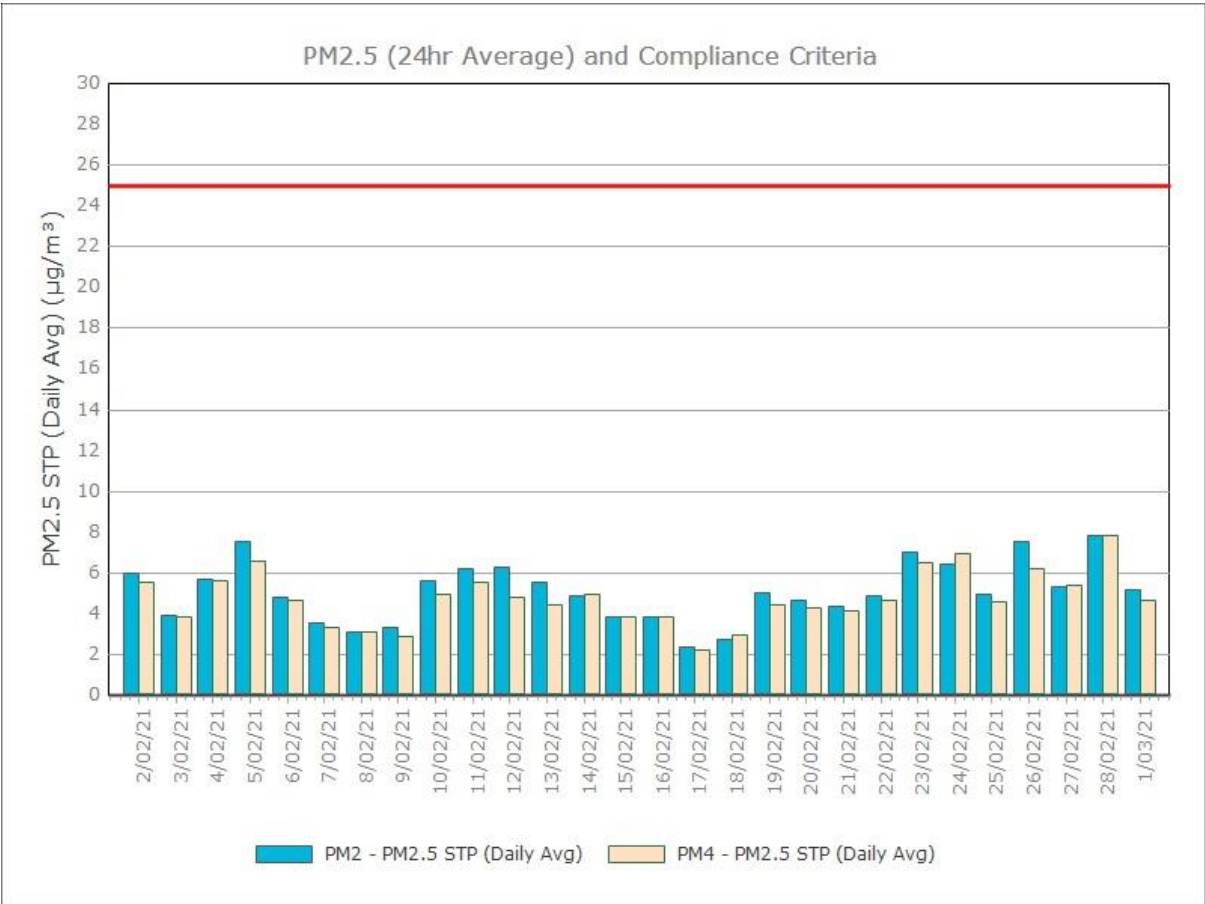
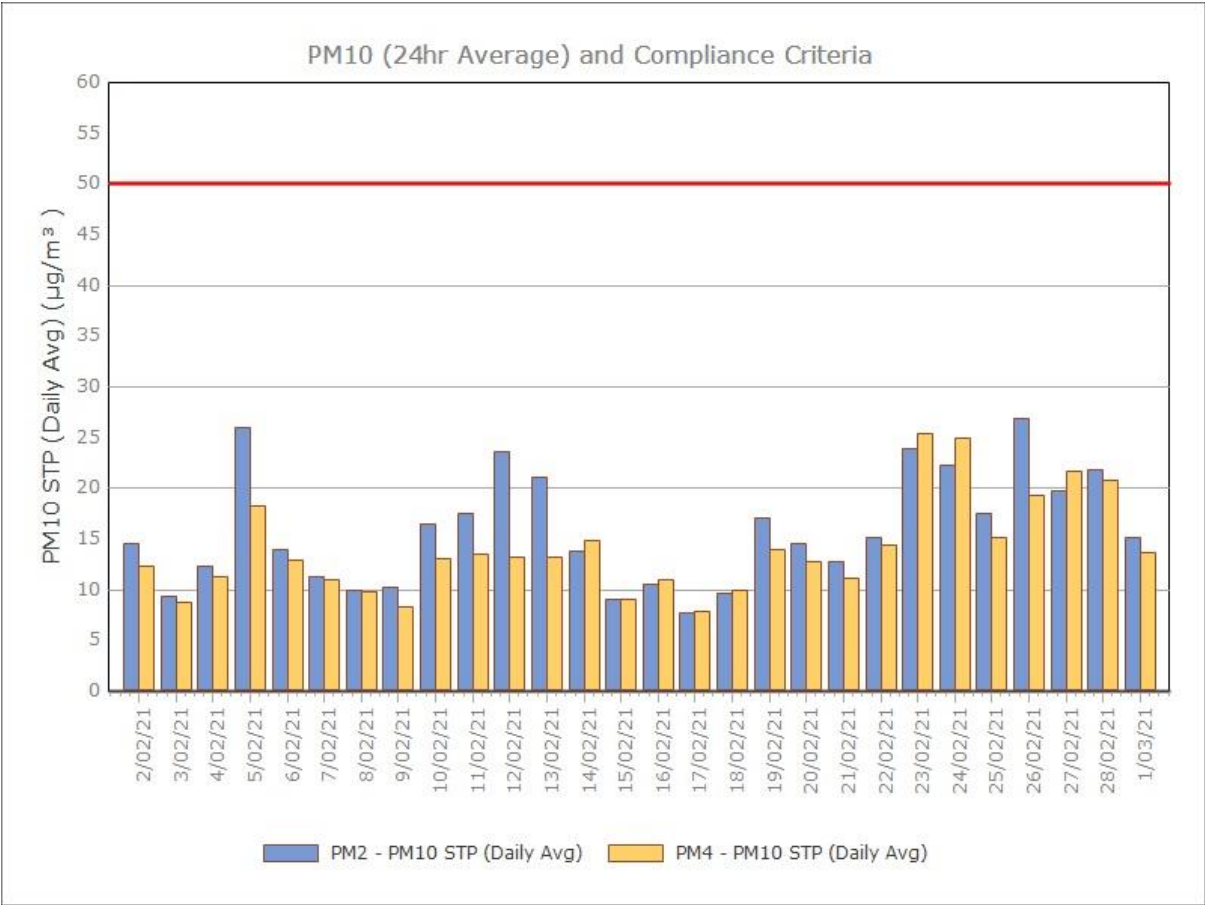
Particulate Monitoring

Monthly Monitoring Results

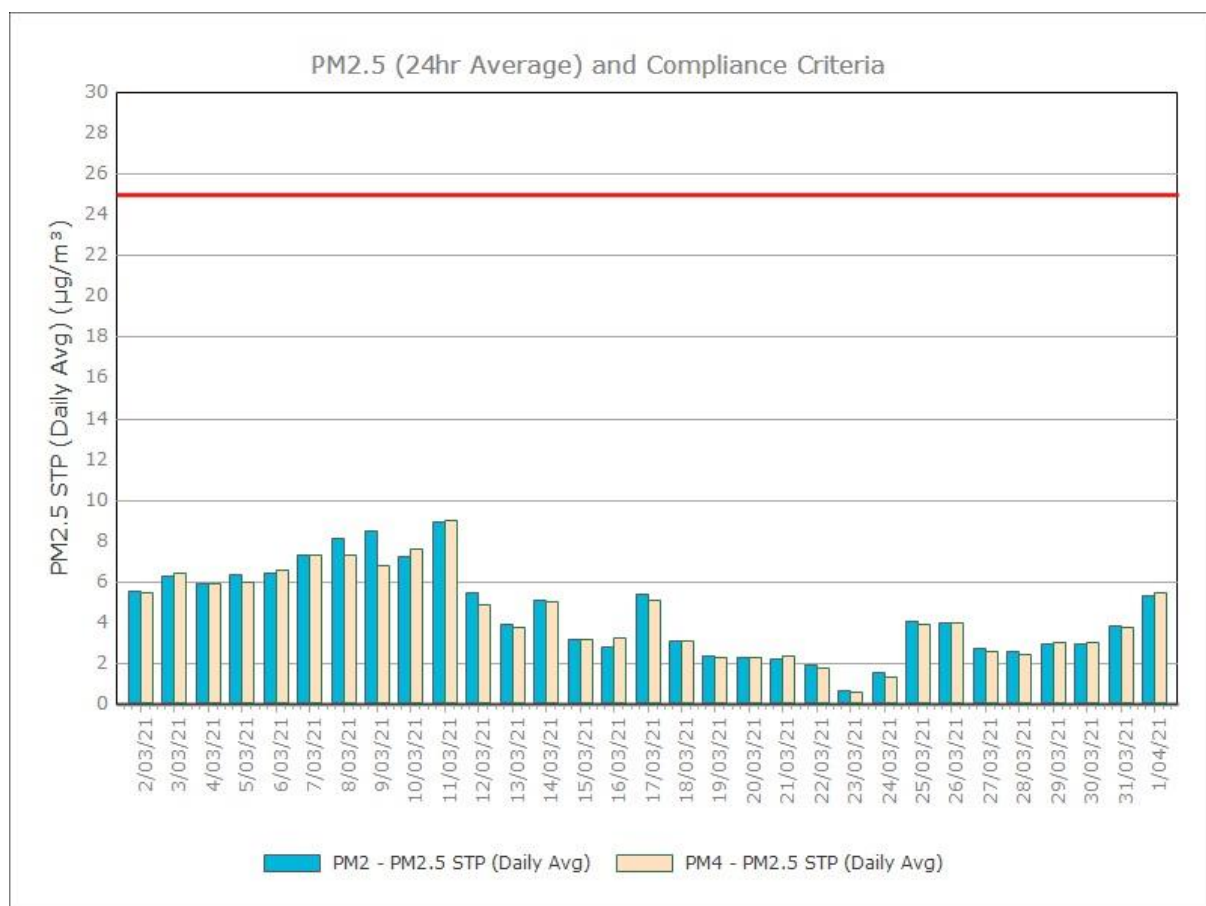
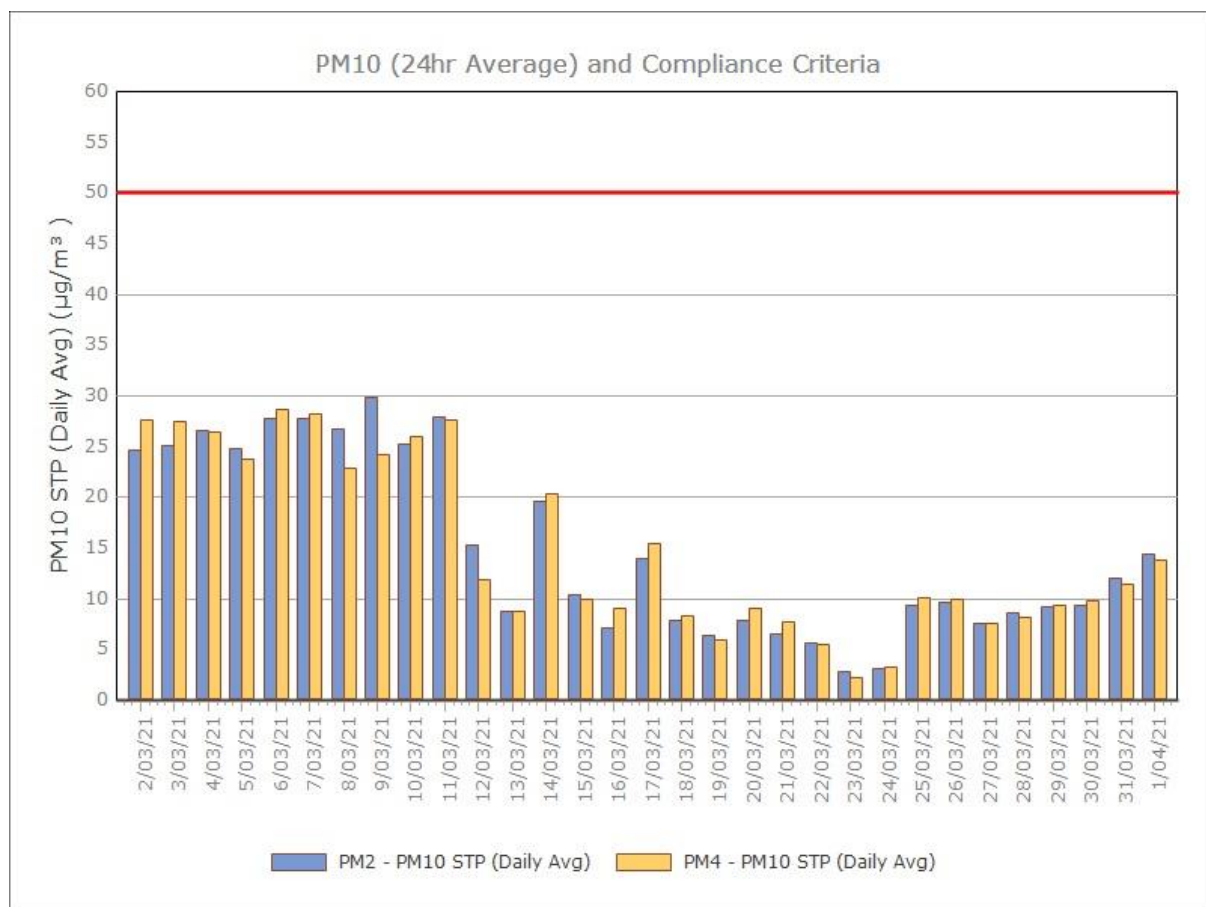
January 2021



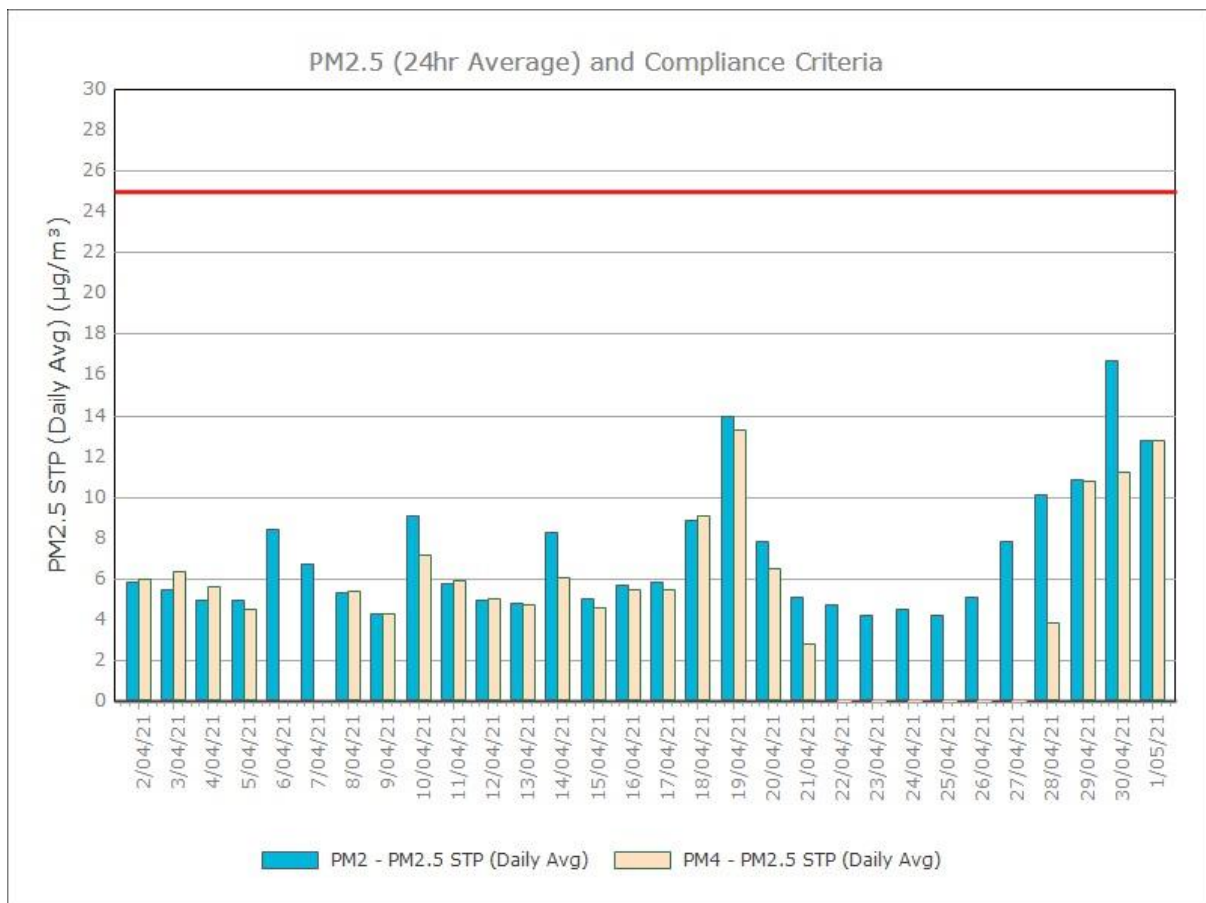
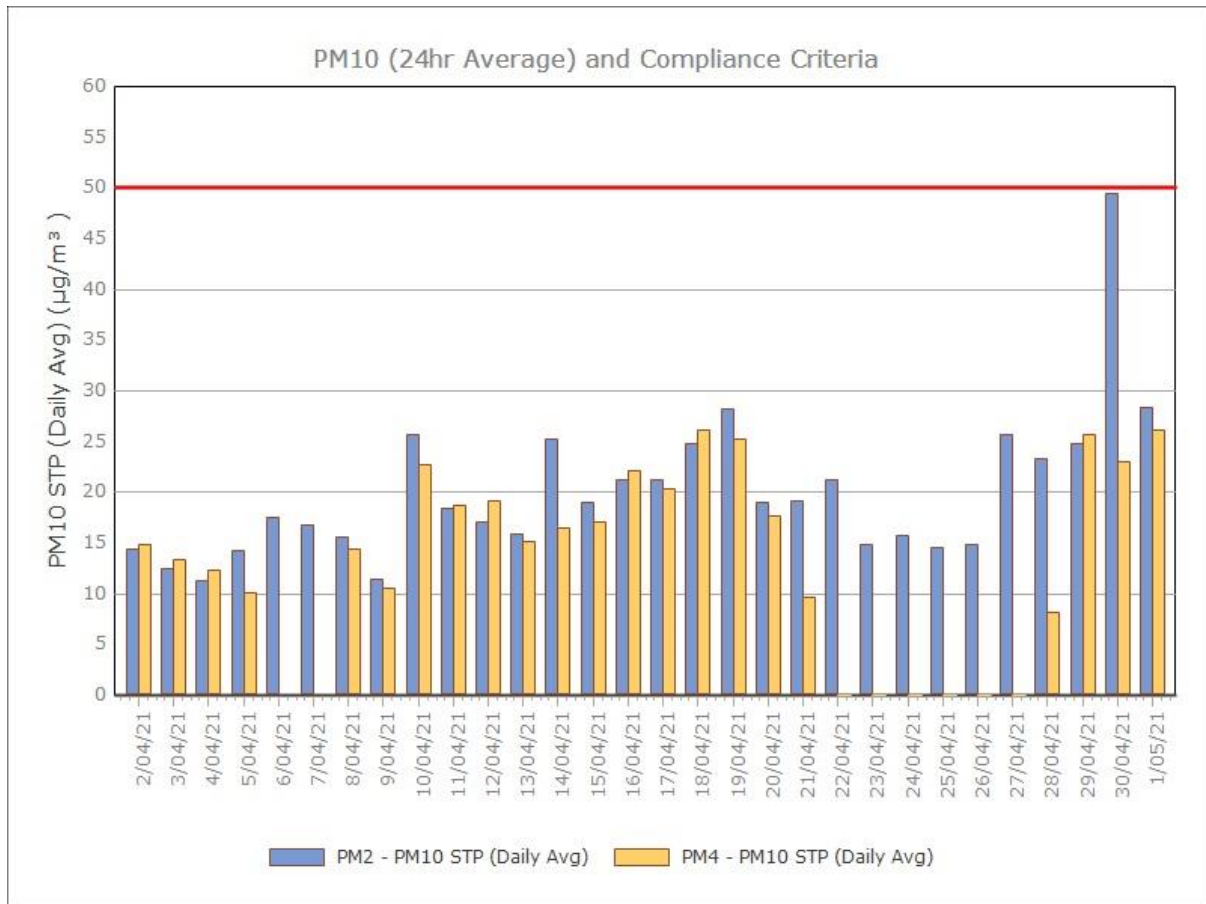
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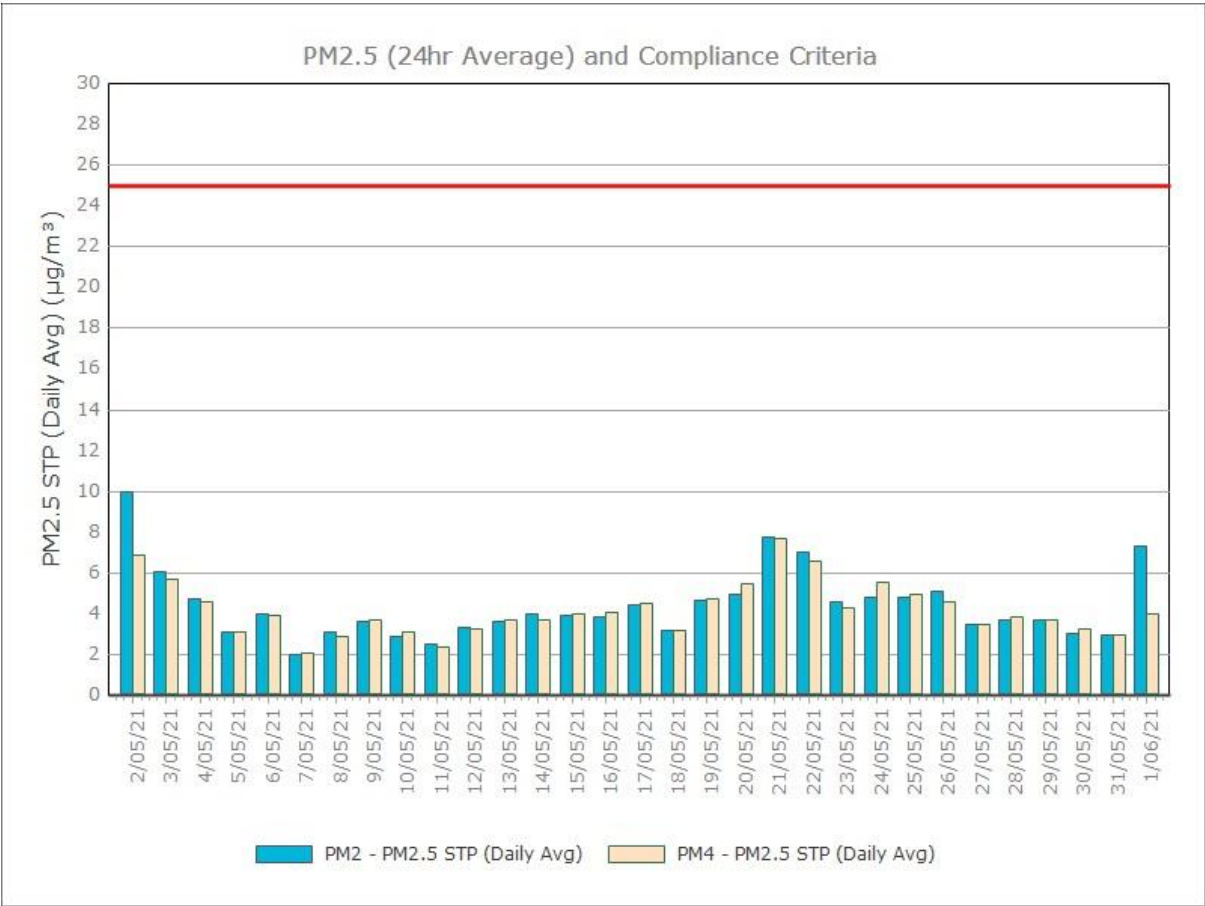
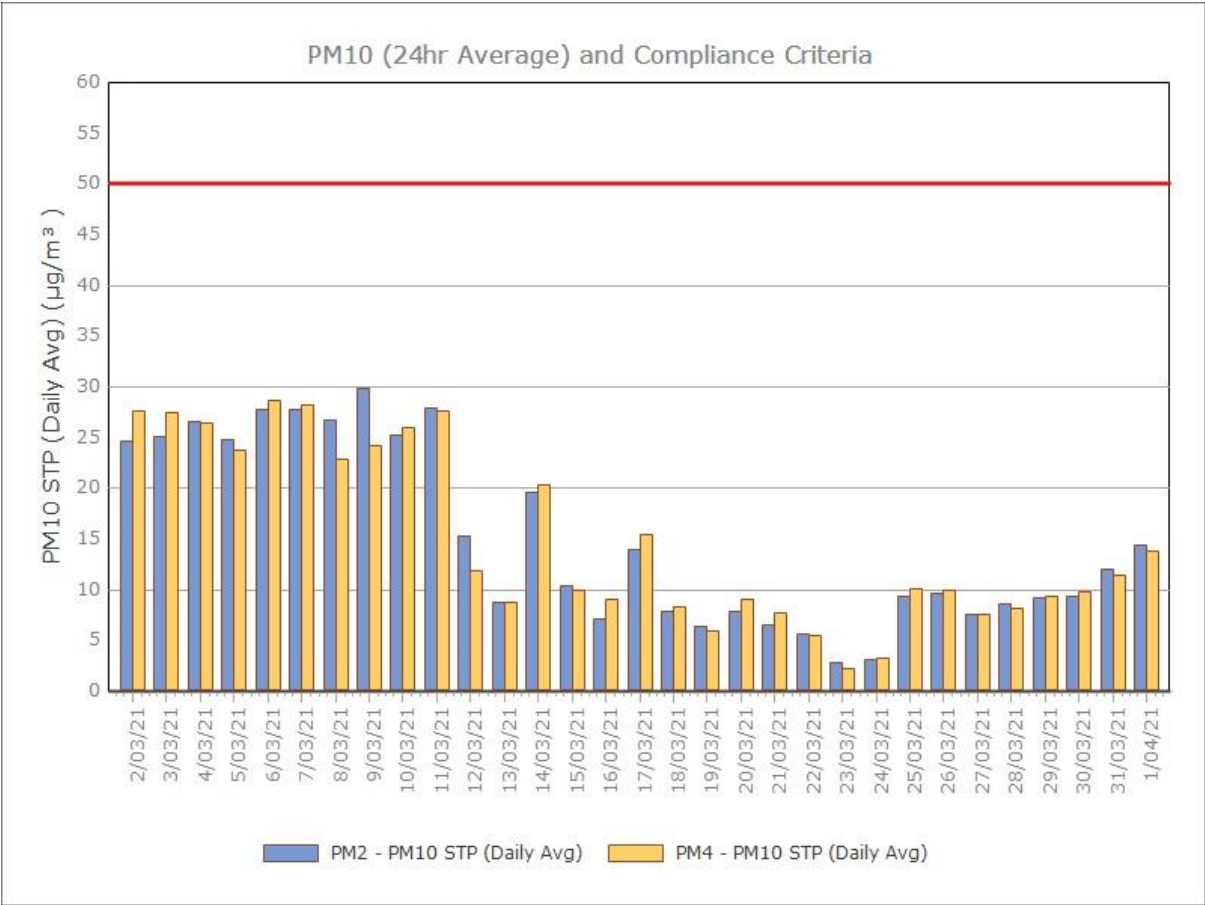
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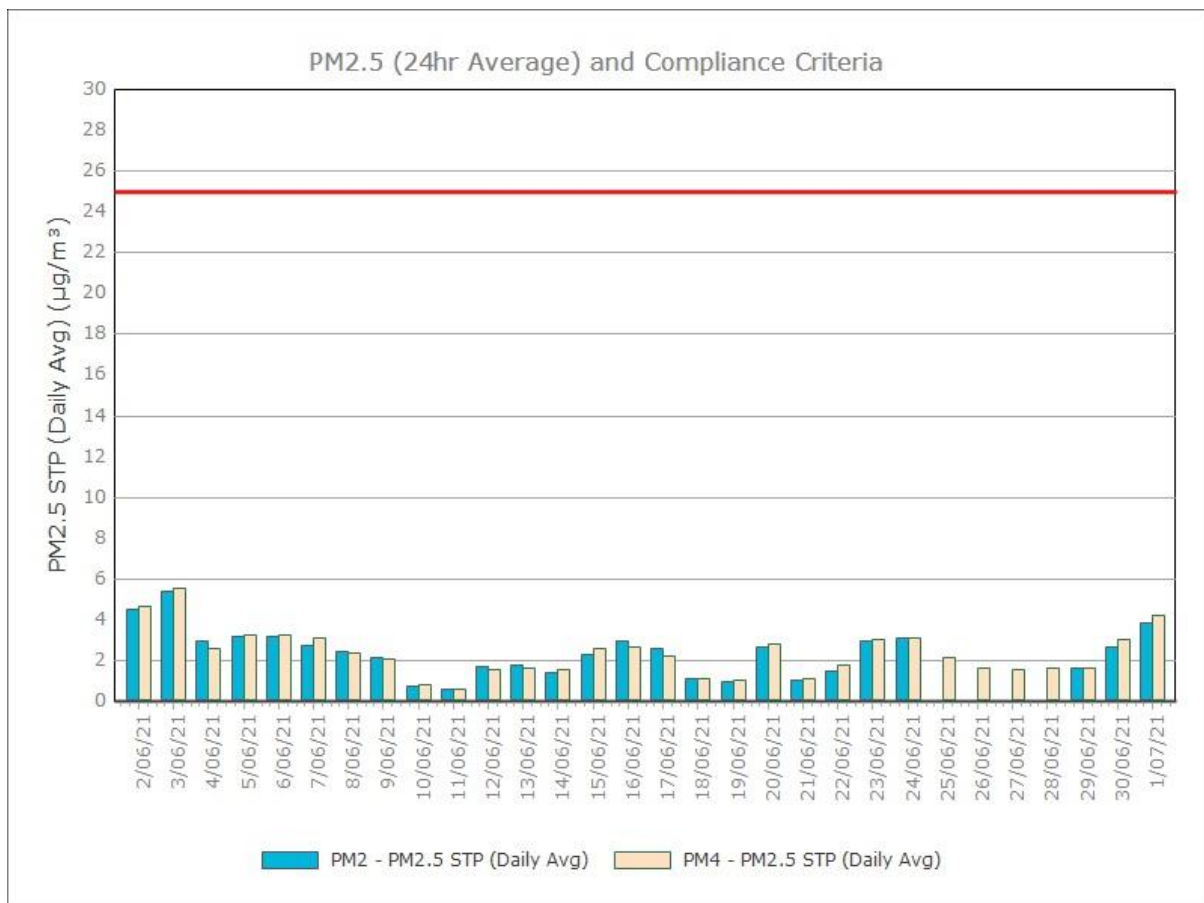
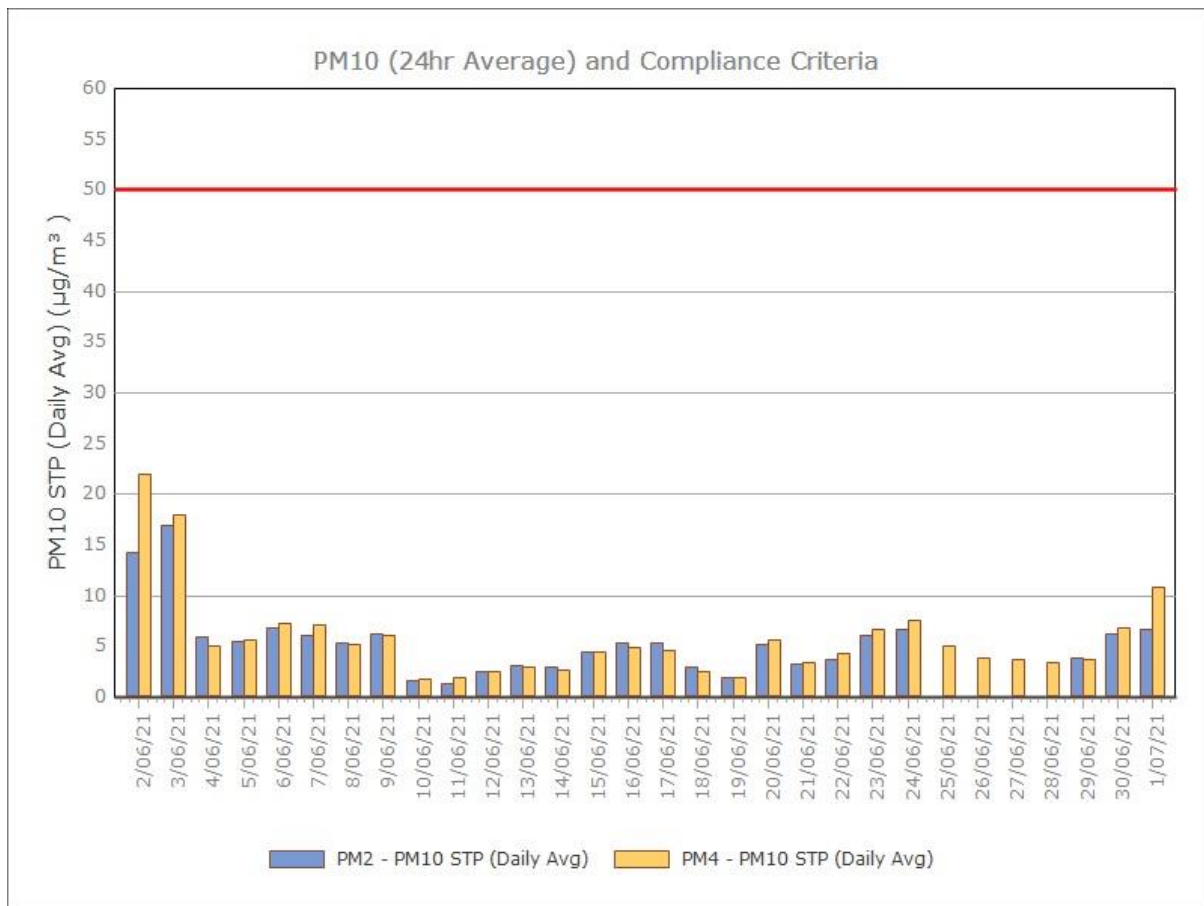
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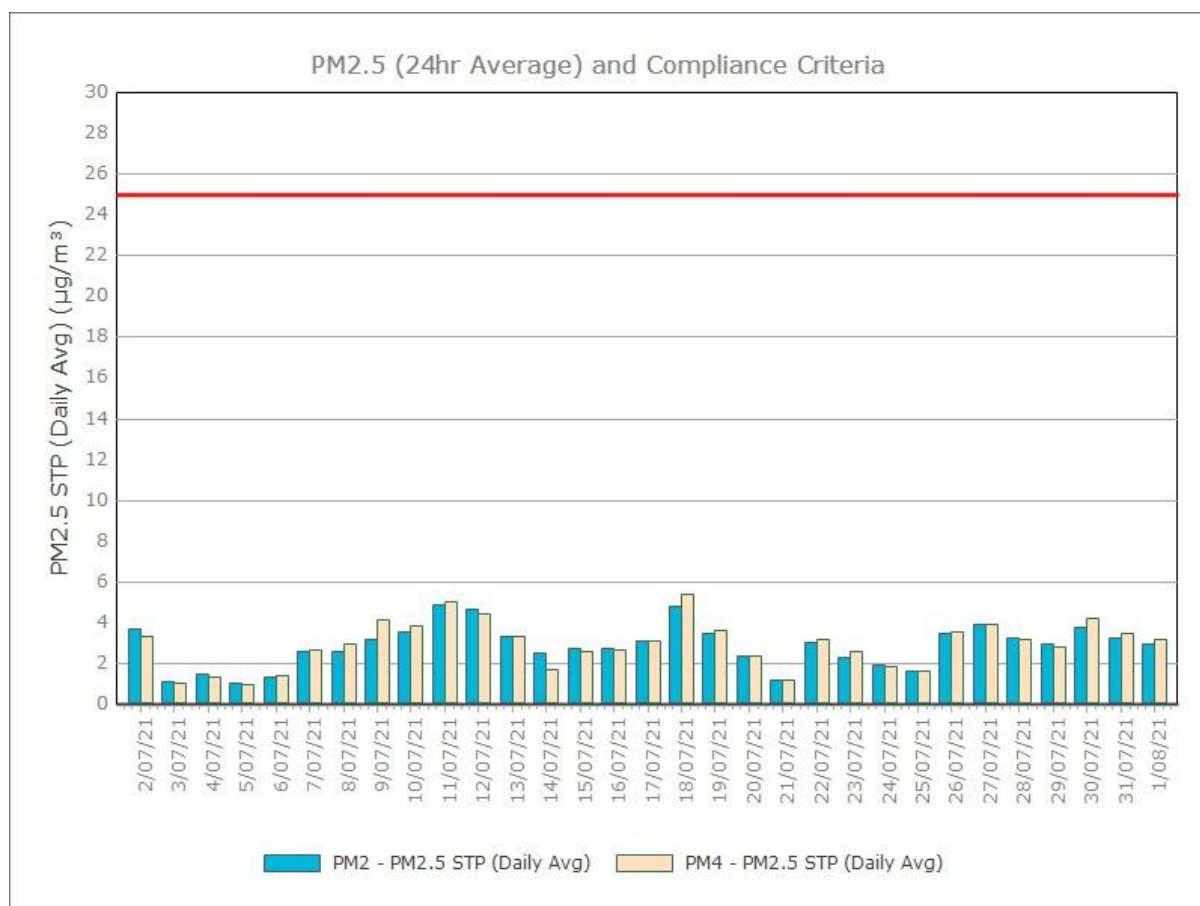
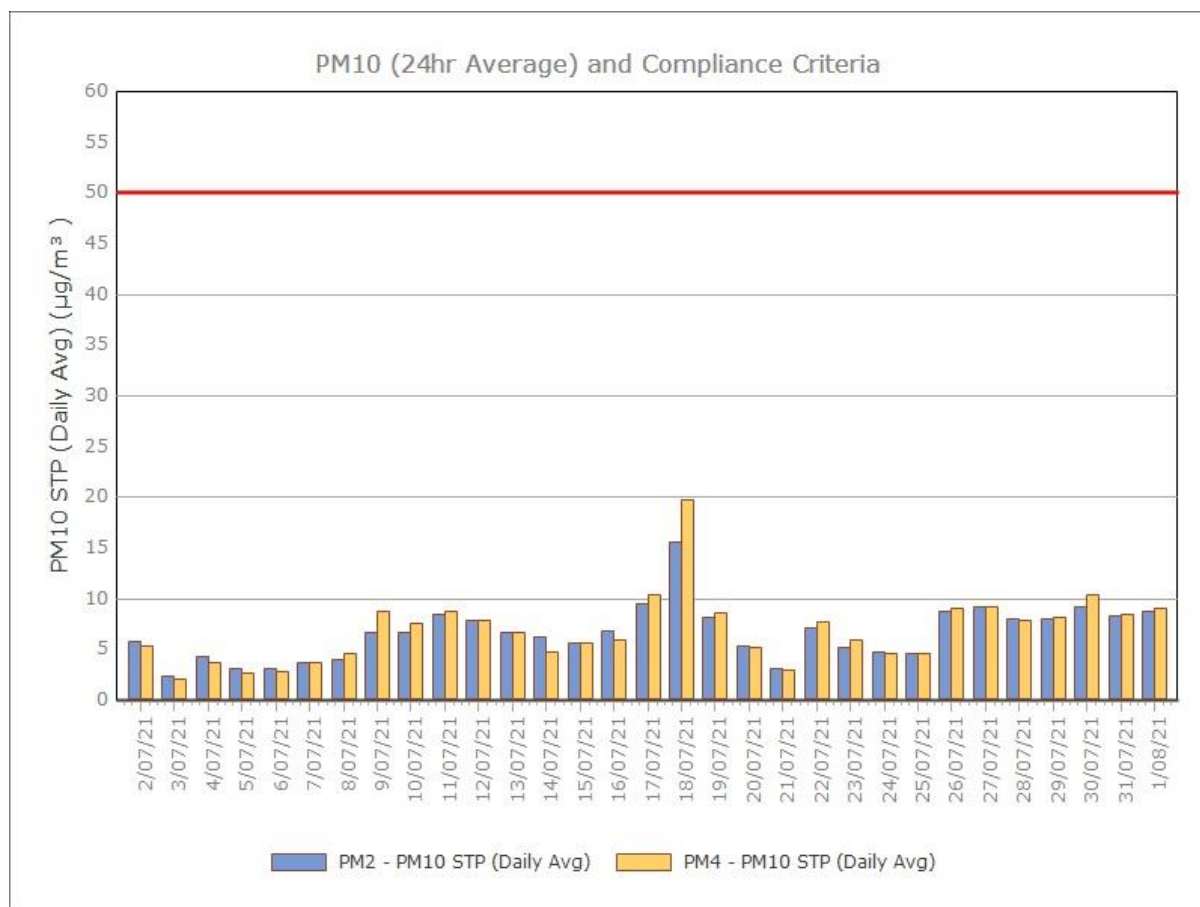
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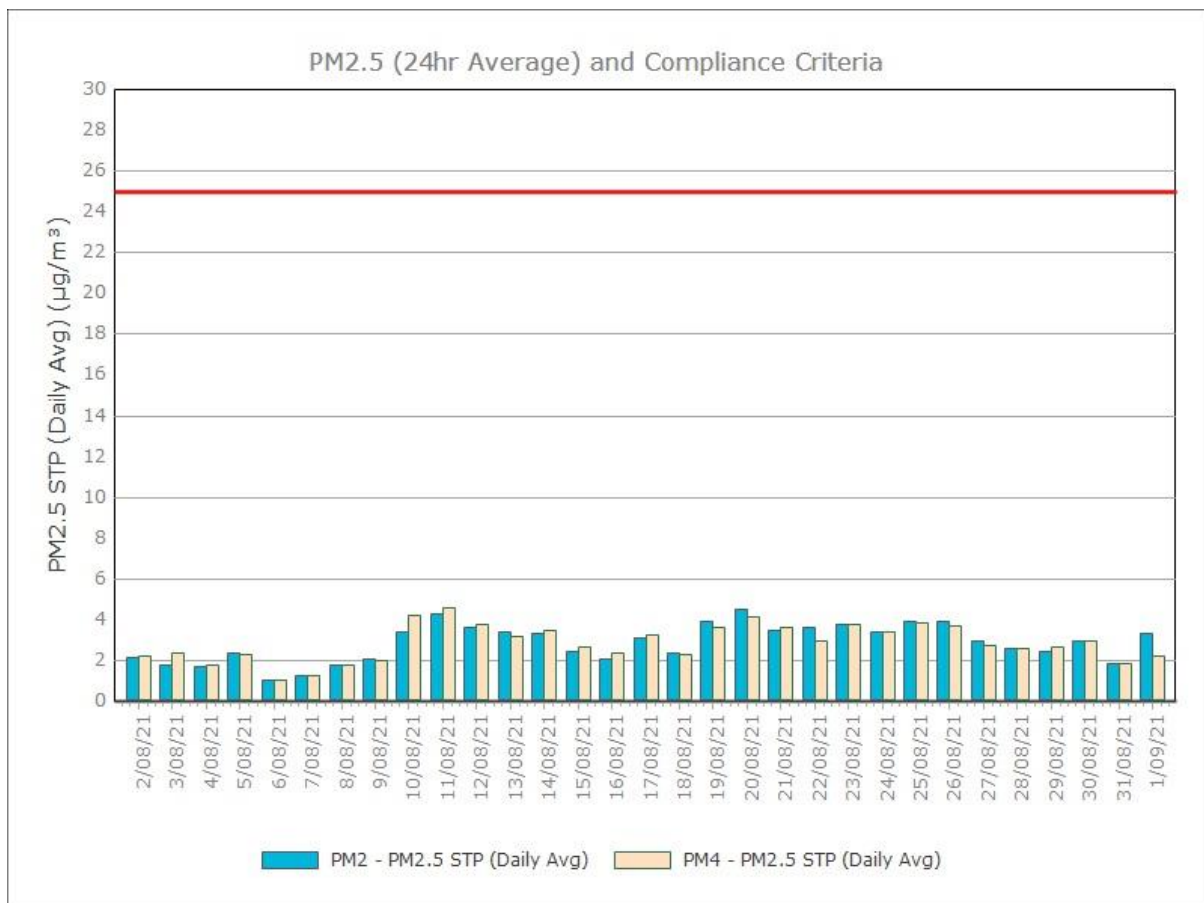
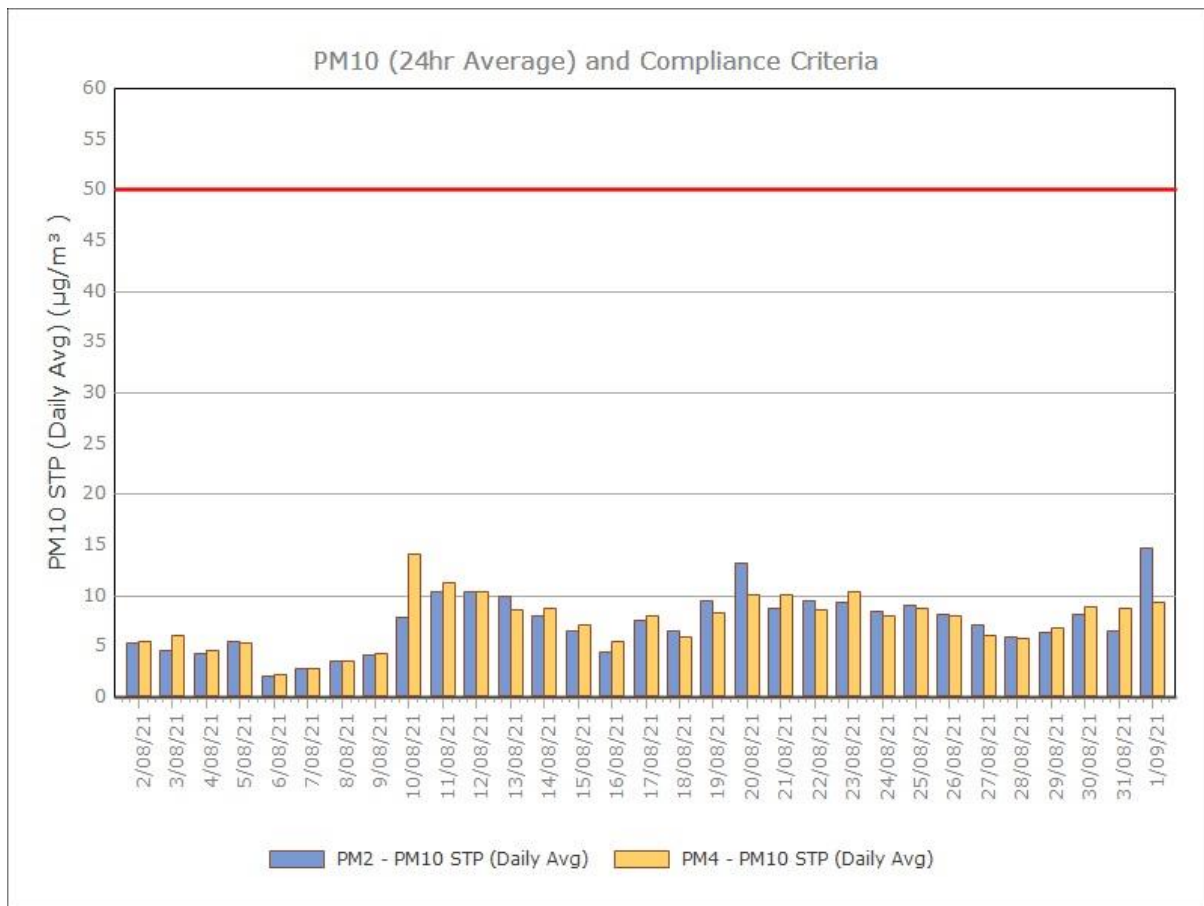
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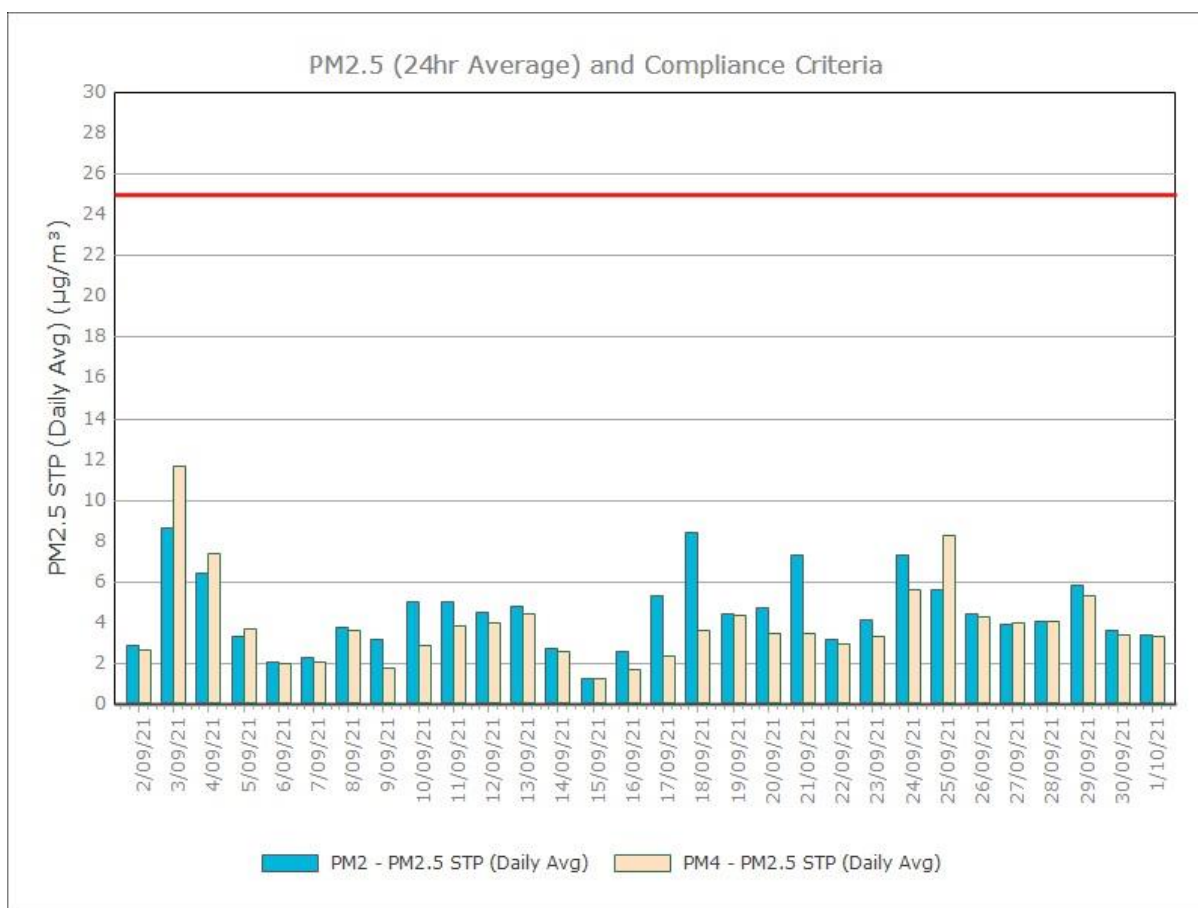
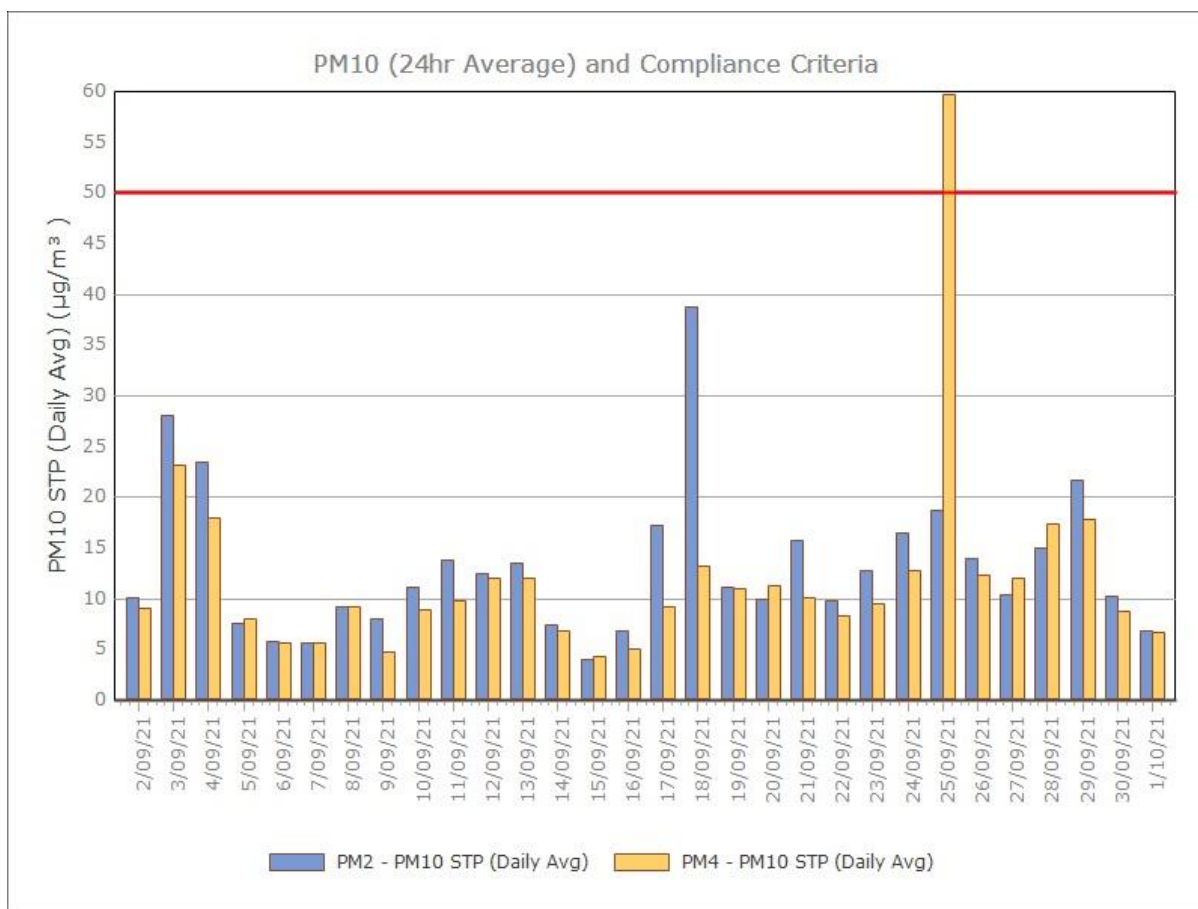
July 2021



August 2021



September 2021



October 2021

