

sunrise
energy metals

2021 ENVIRONMENTAL MONITORING RESULTS

AIR QUALITY - DECEMBER

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Premises:
Sunrise Project
Wilmatha Road
Fifield, NSW, 2875

[Environment Protection Licence #21146](#)

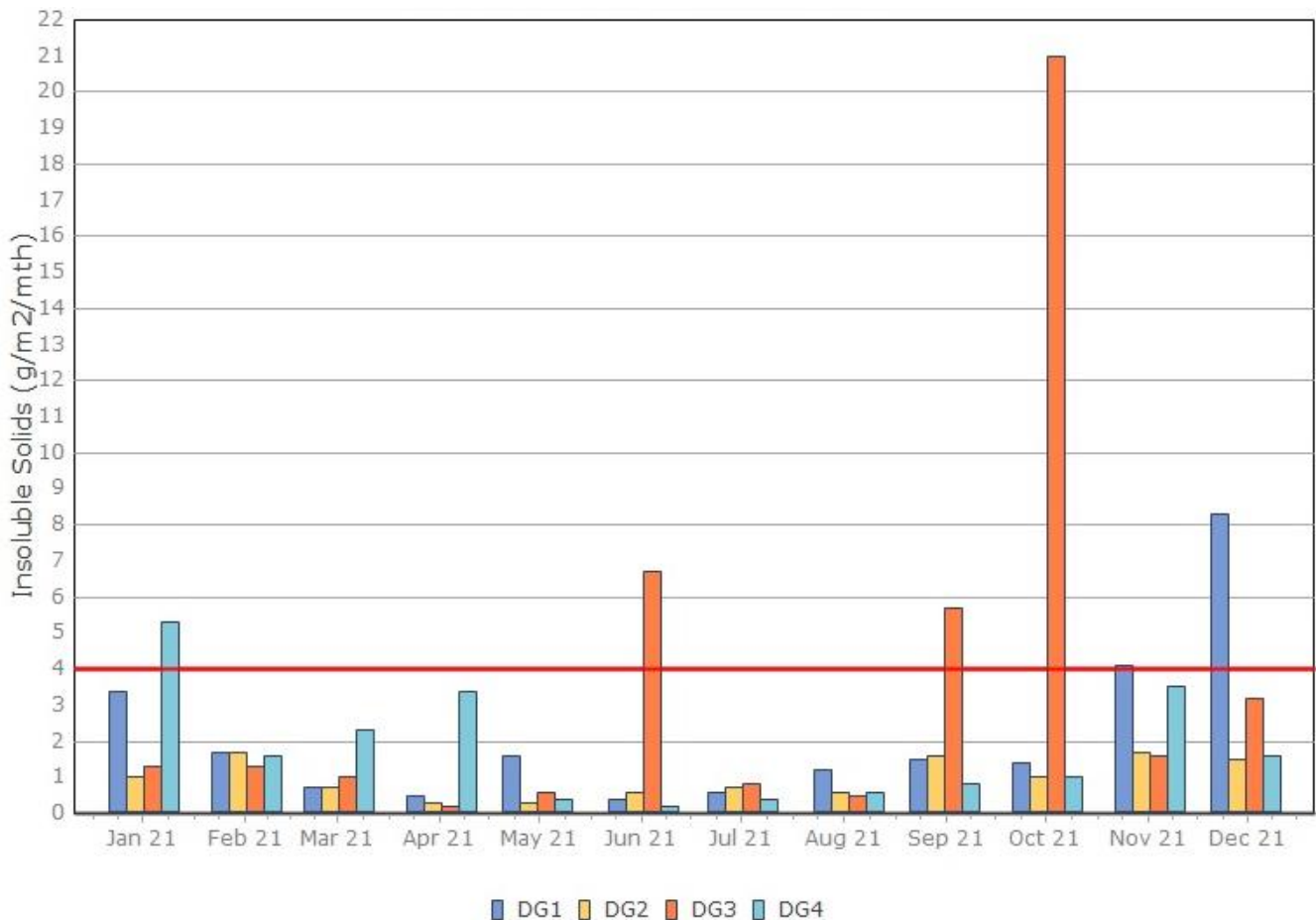
Dust Deposition

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	1/1/21 - 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	21.0	1.0
November	1/11/21 - 30/11/21	21/12/21	12/1/22	4.1	1.7	1.6	3.5
December	30/11/21 - 31/12/21	21/1/22	25/1/22	8.3	1.5	3.2	1.6
Average (Mean)				2.12	0.98	3.66	1.76
Median				1.45	0.85	1.3	1.3
Maximum				8.3	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 – December 2021

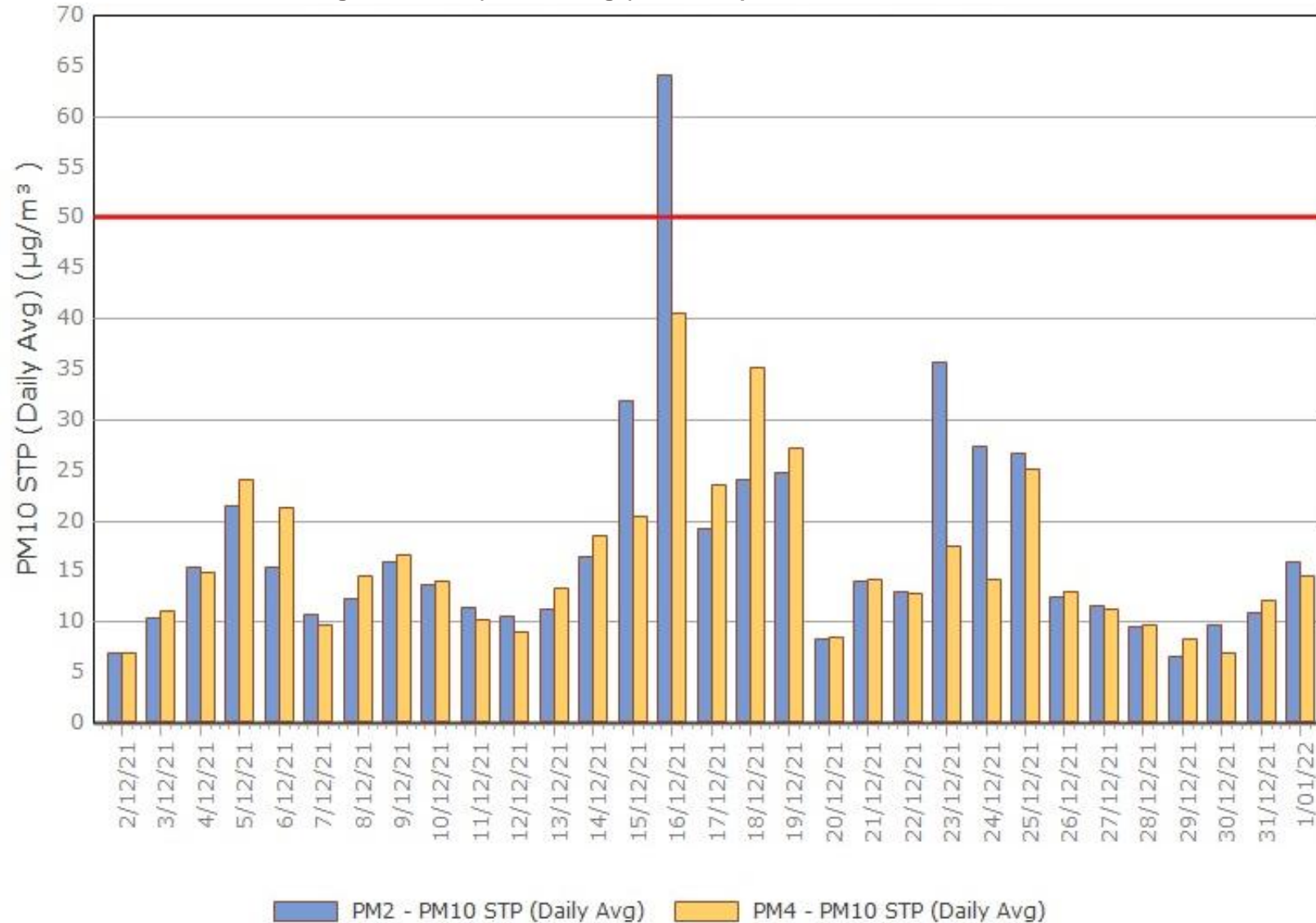
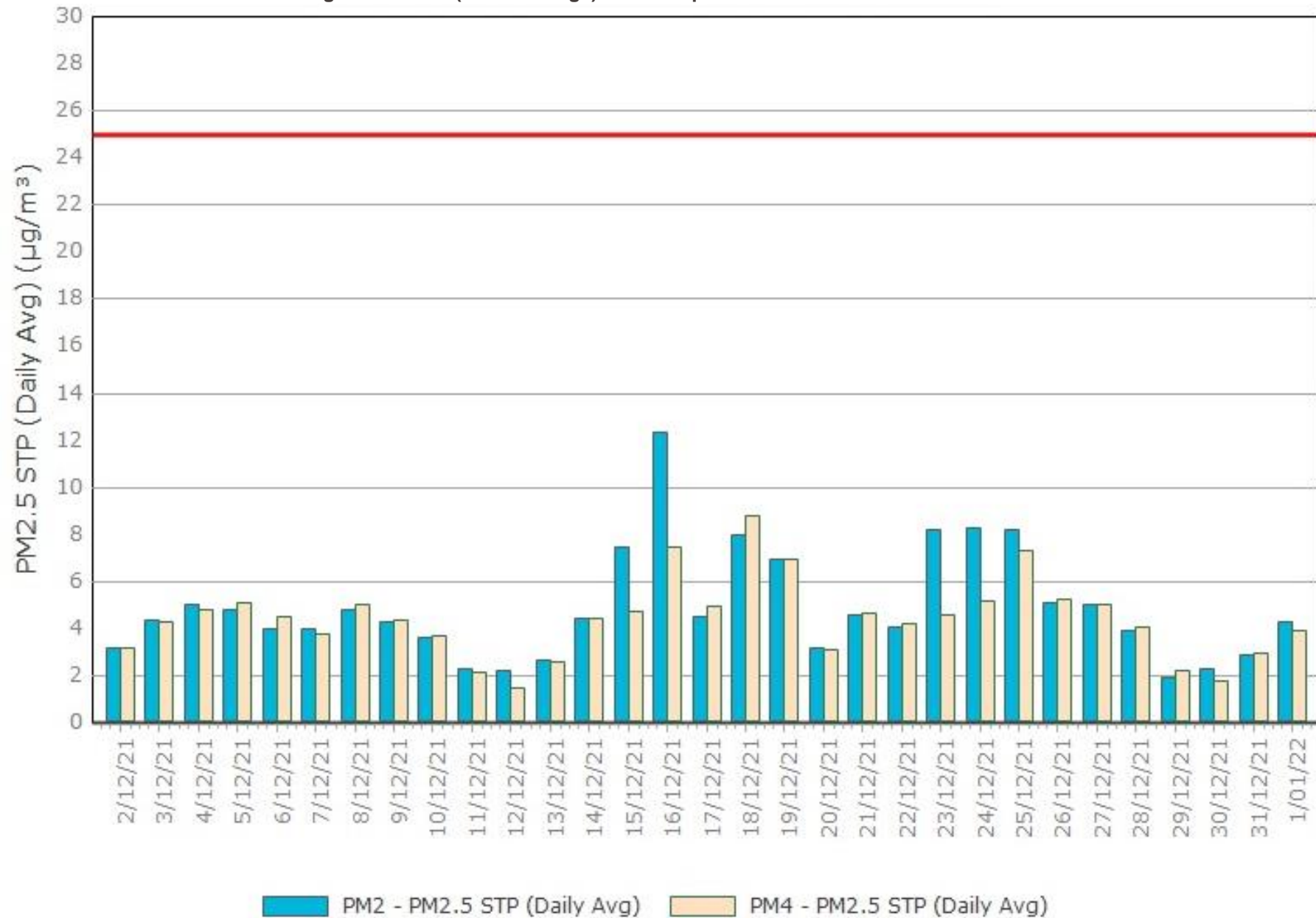


Figure 3. PM2.5 (24 hr Average) with Compliance Criteria – December 2021

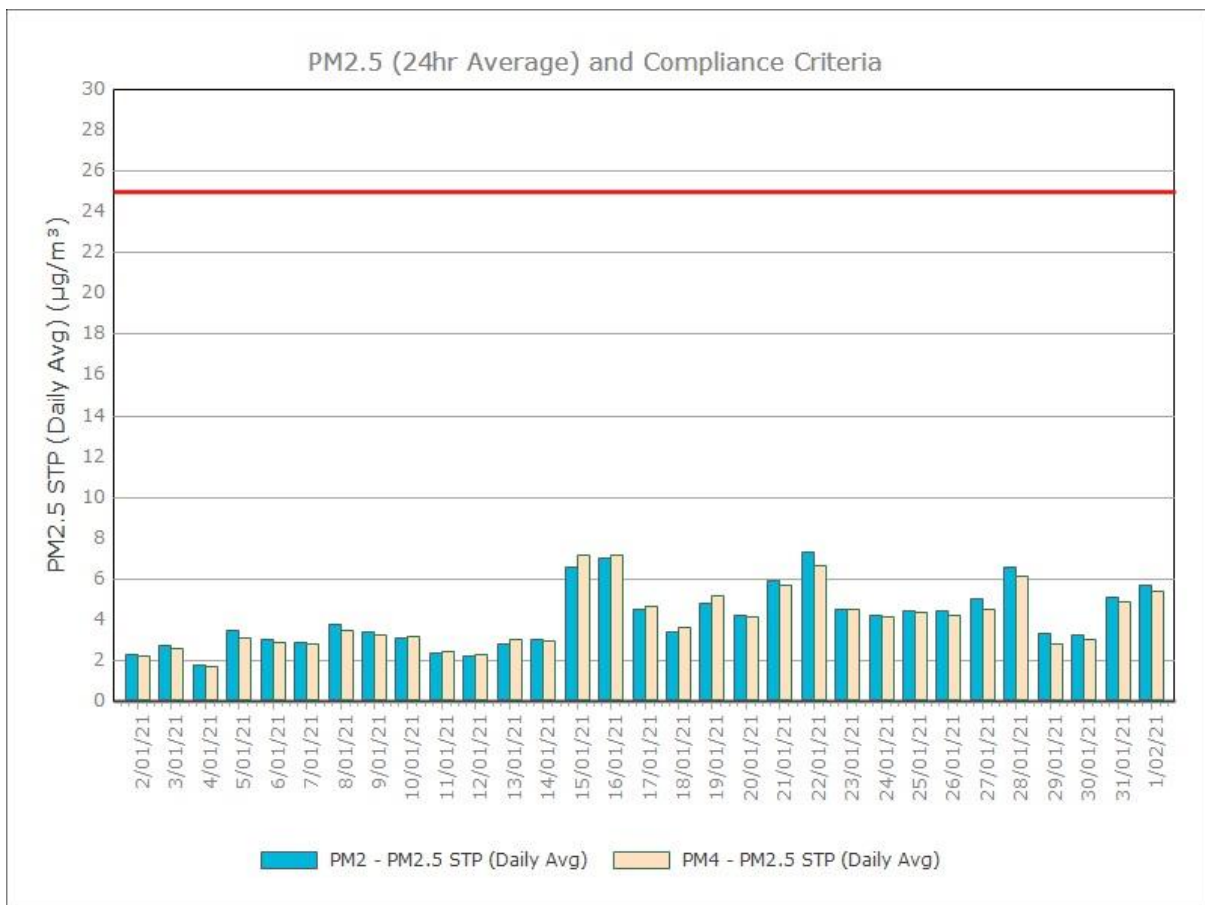
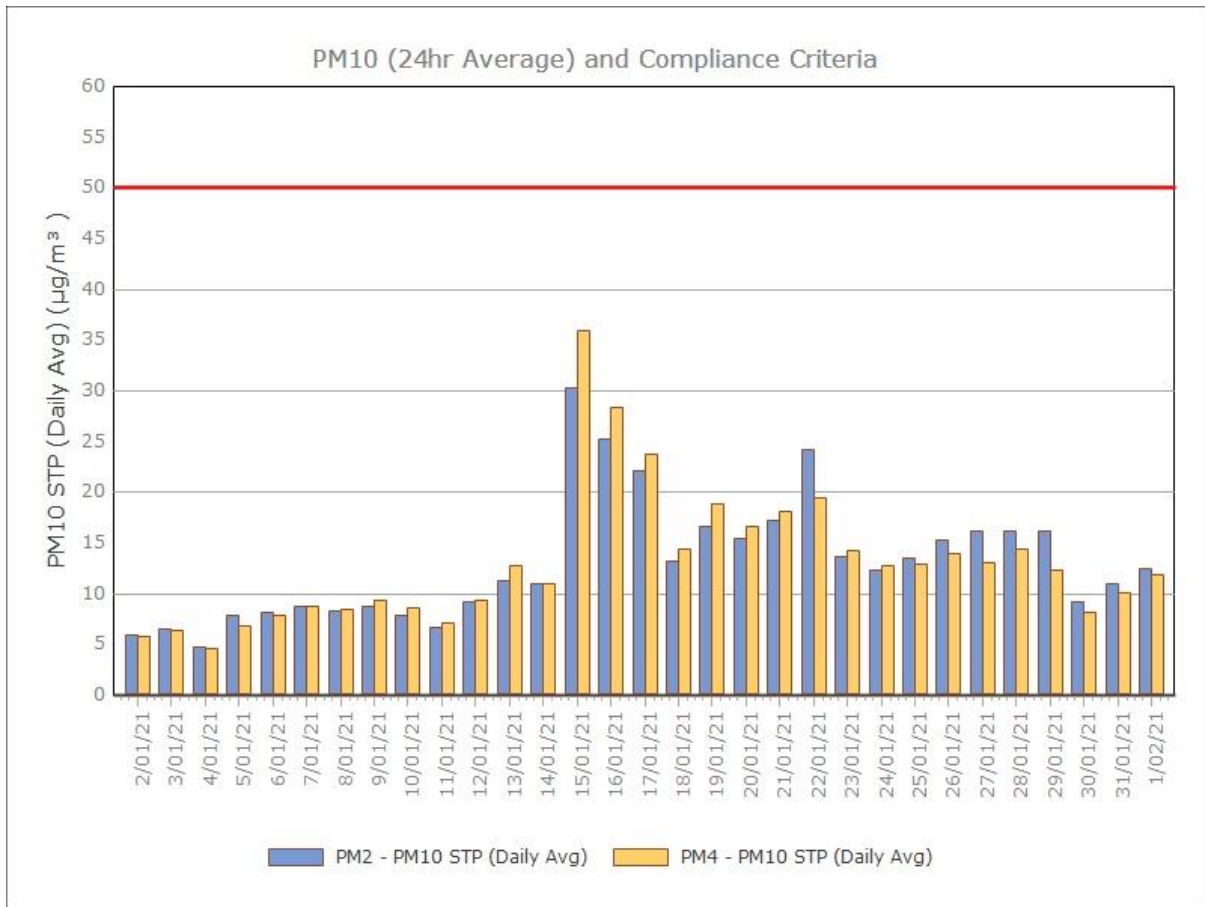


APPENDIX:

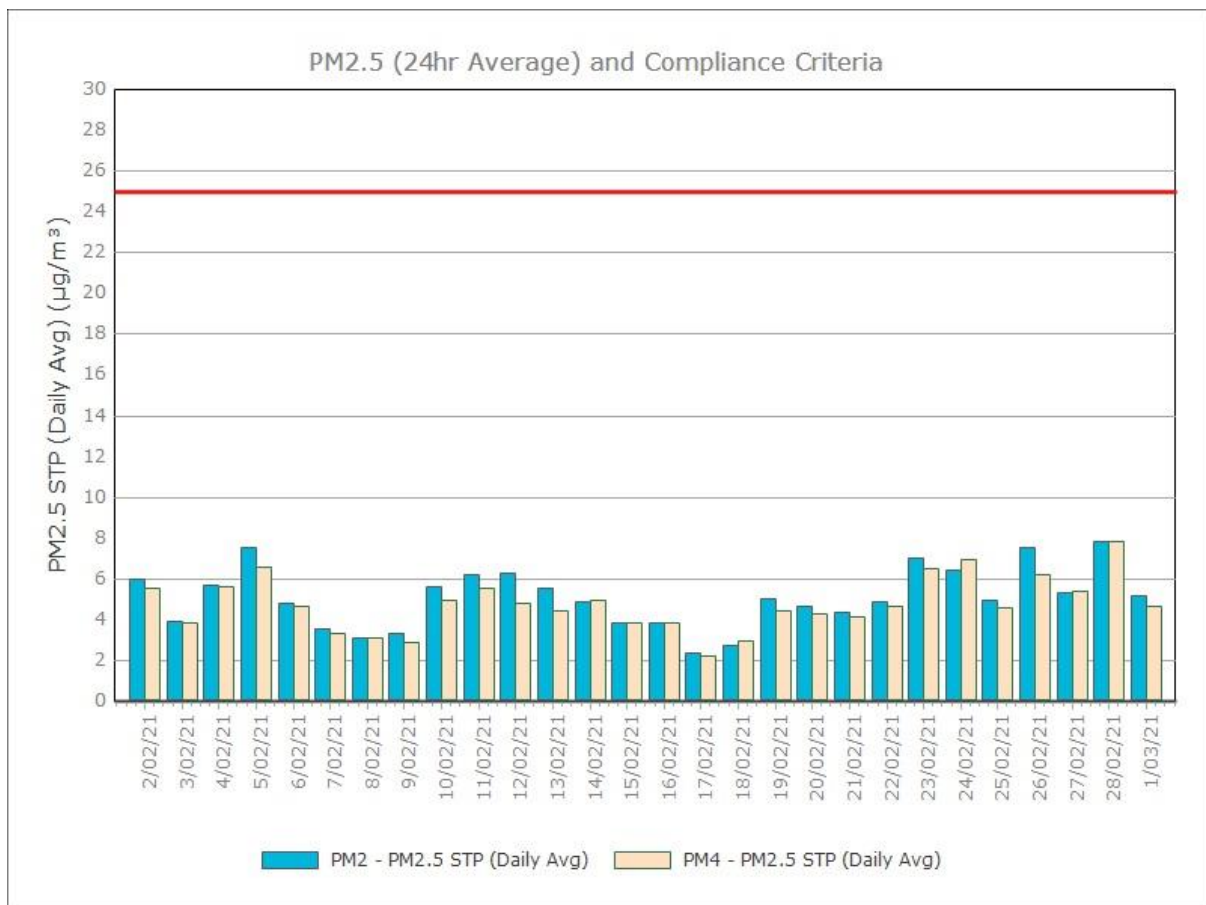
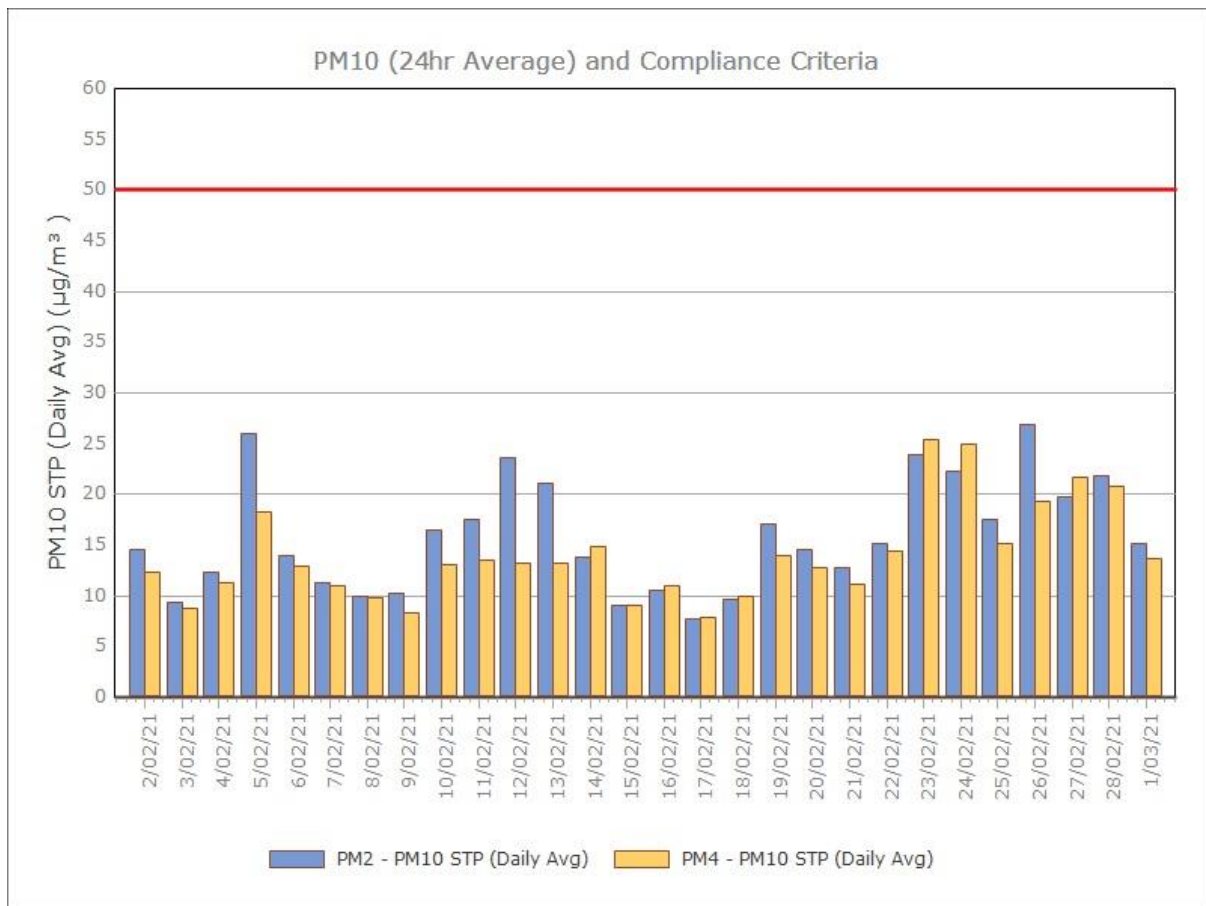
Particulate Monitoring

Monthly Monitoring Results

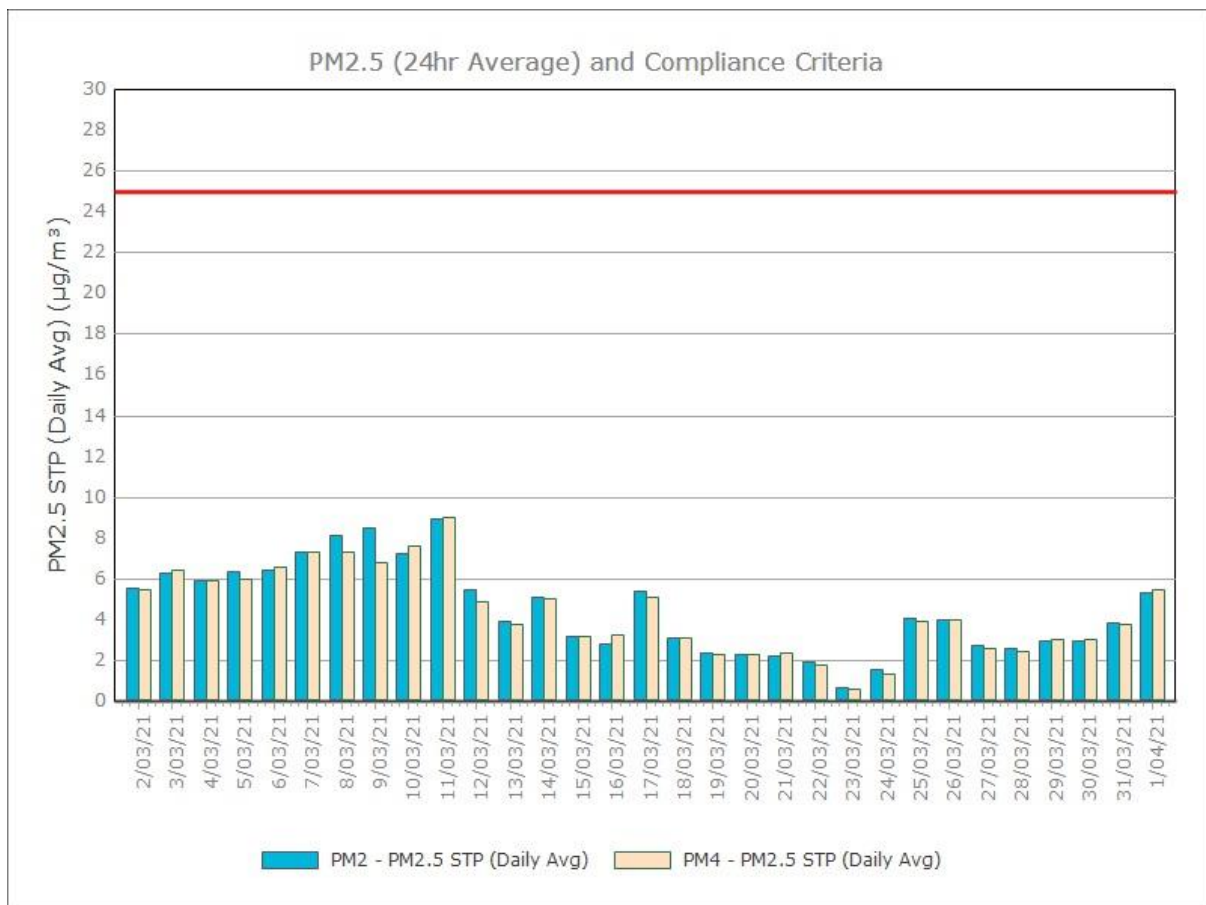
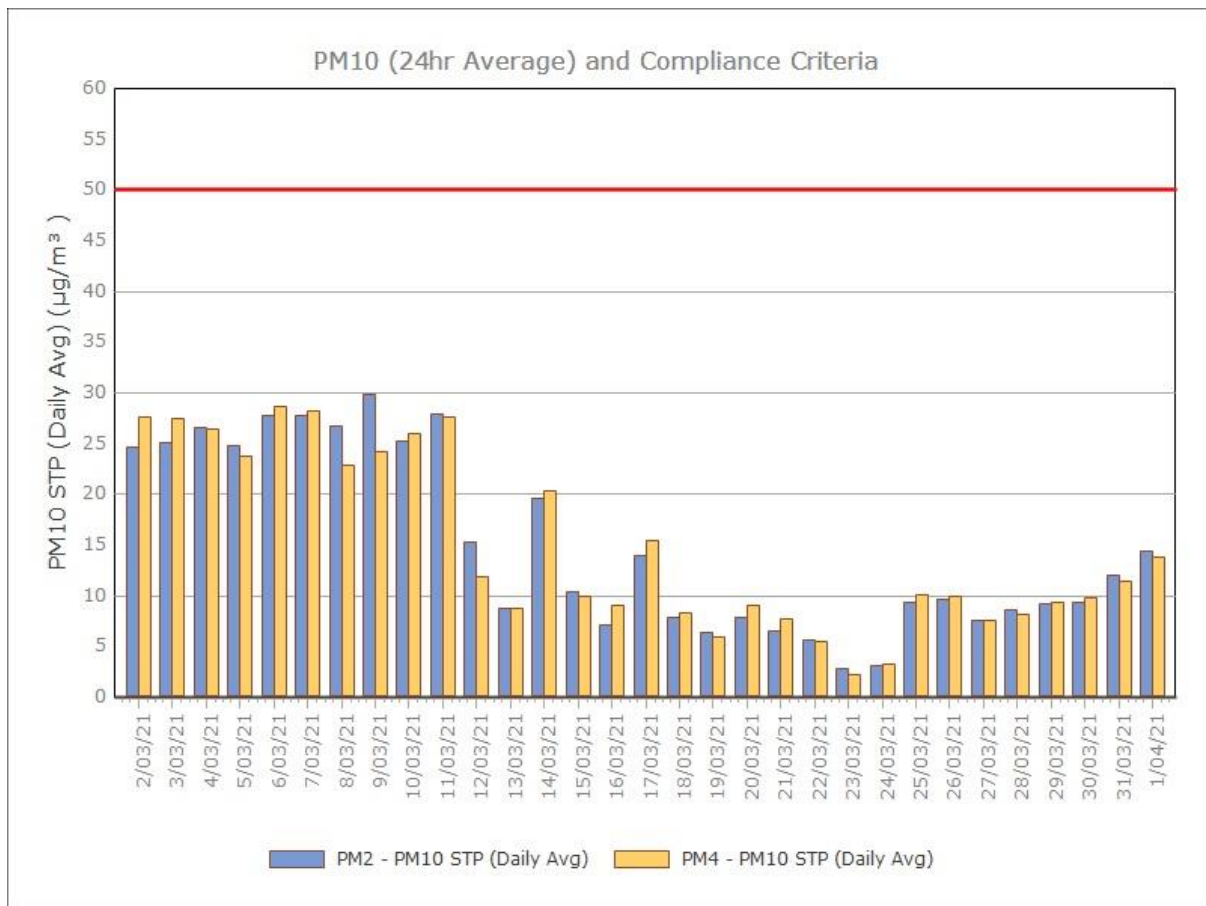
January 2021



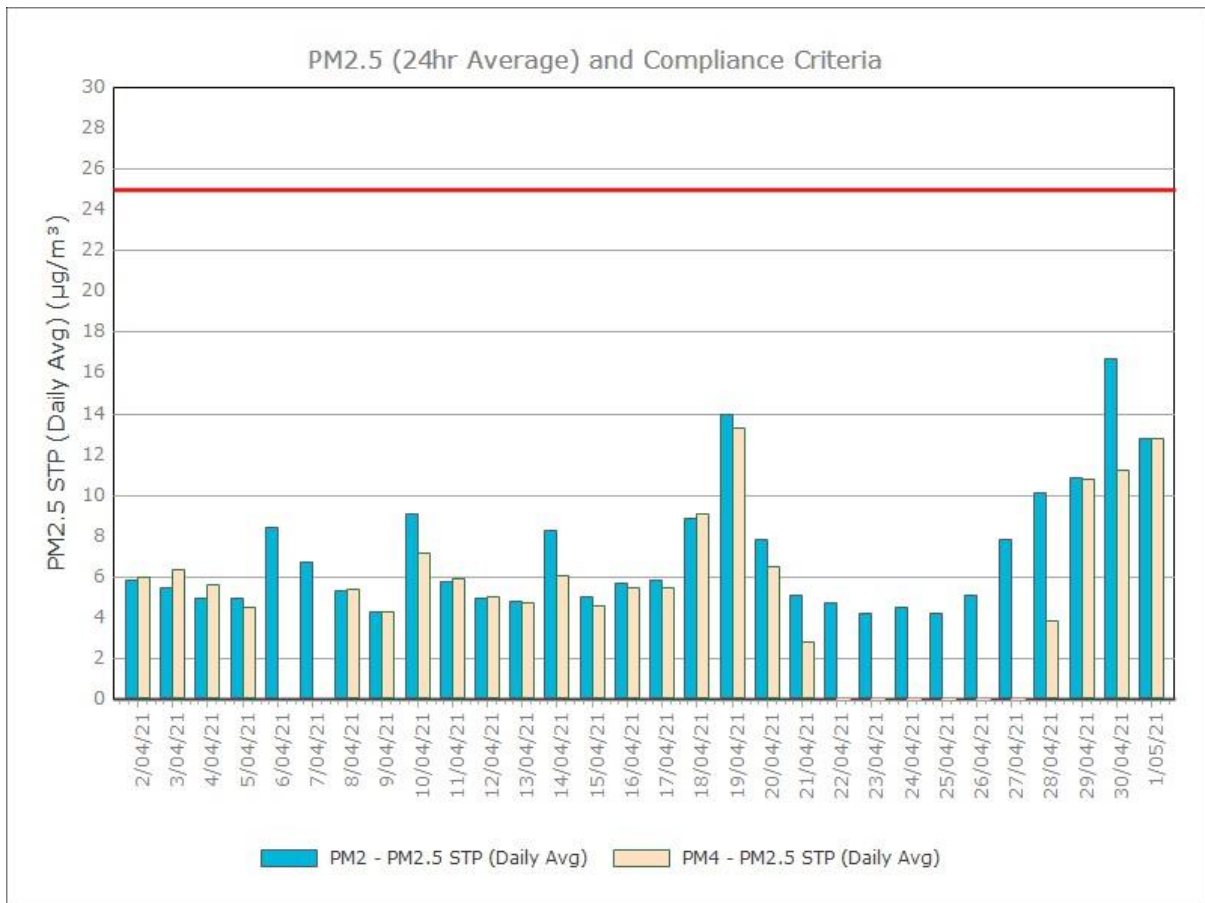
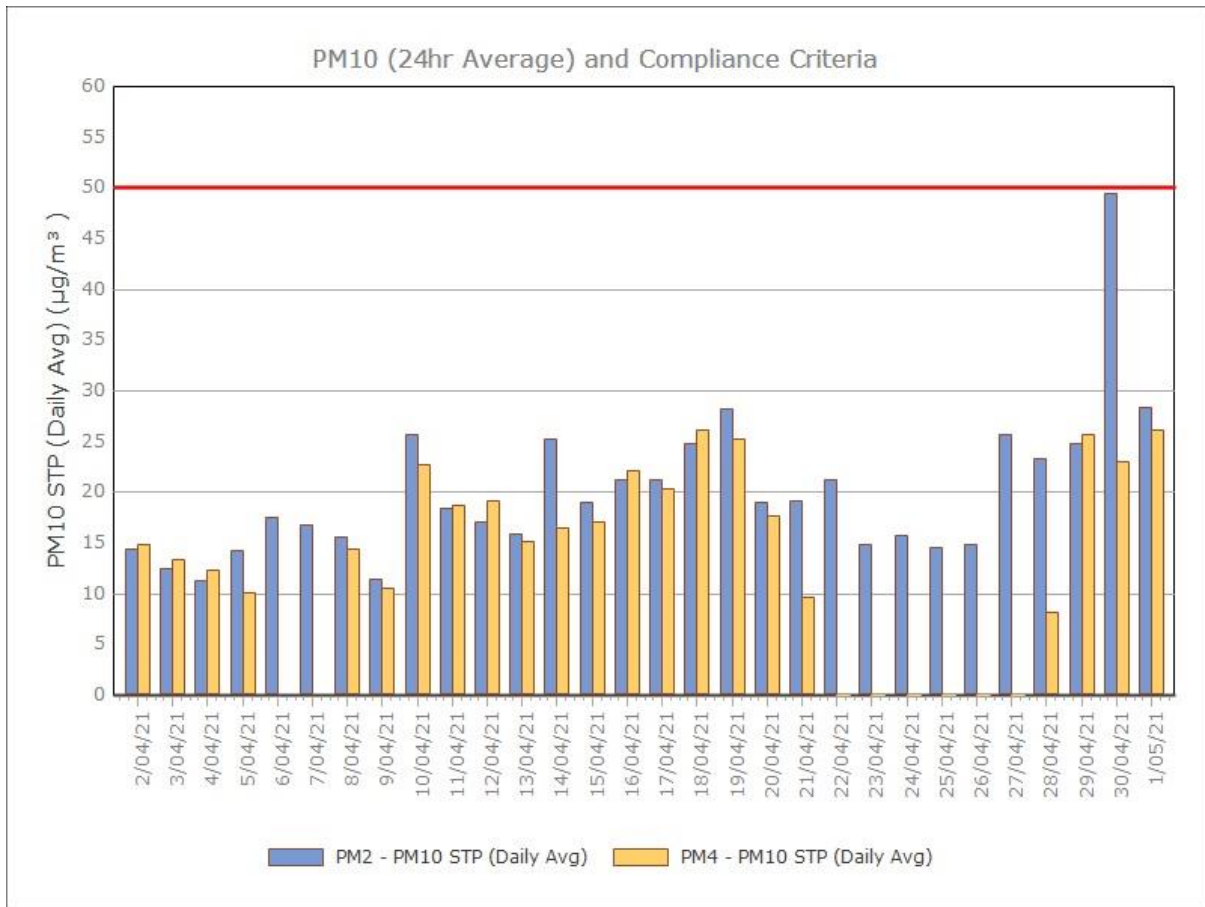
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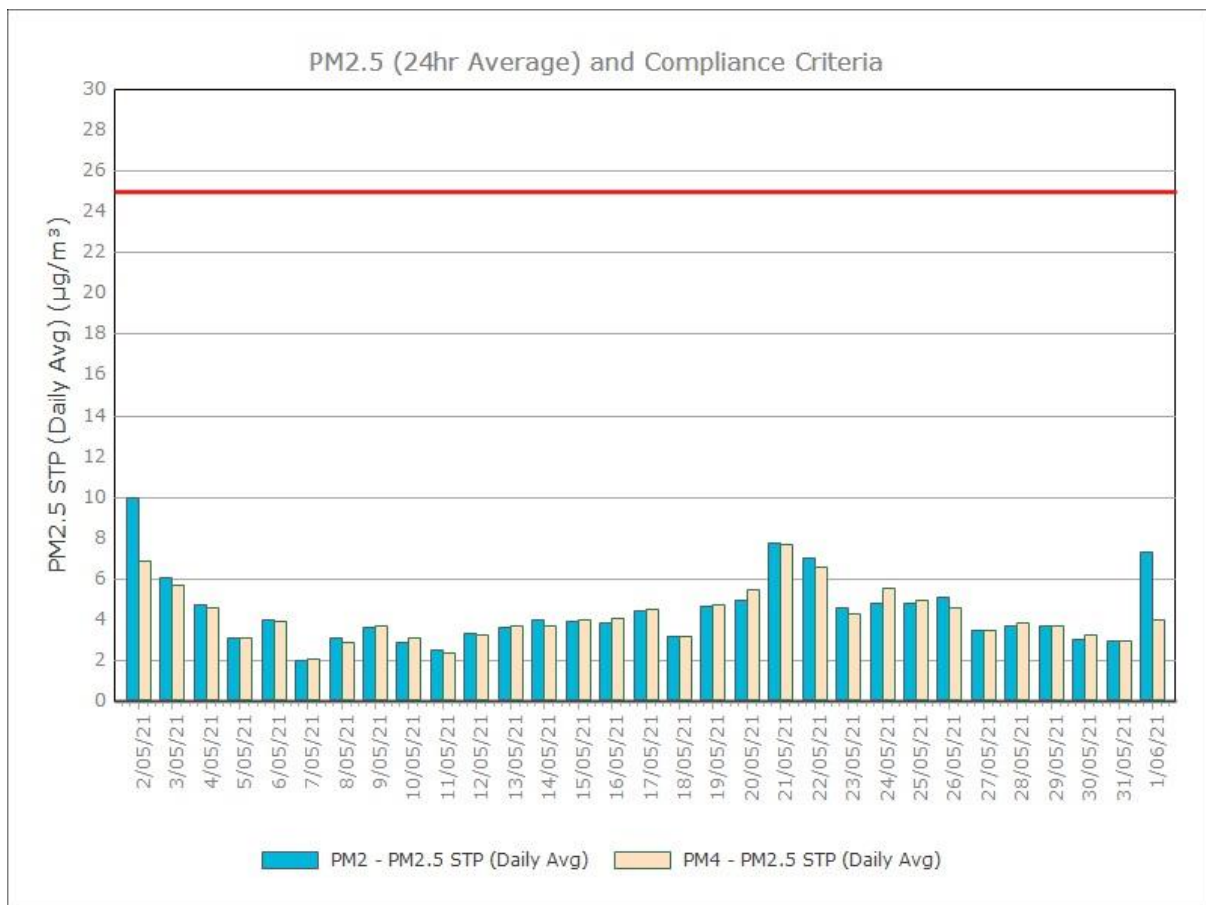
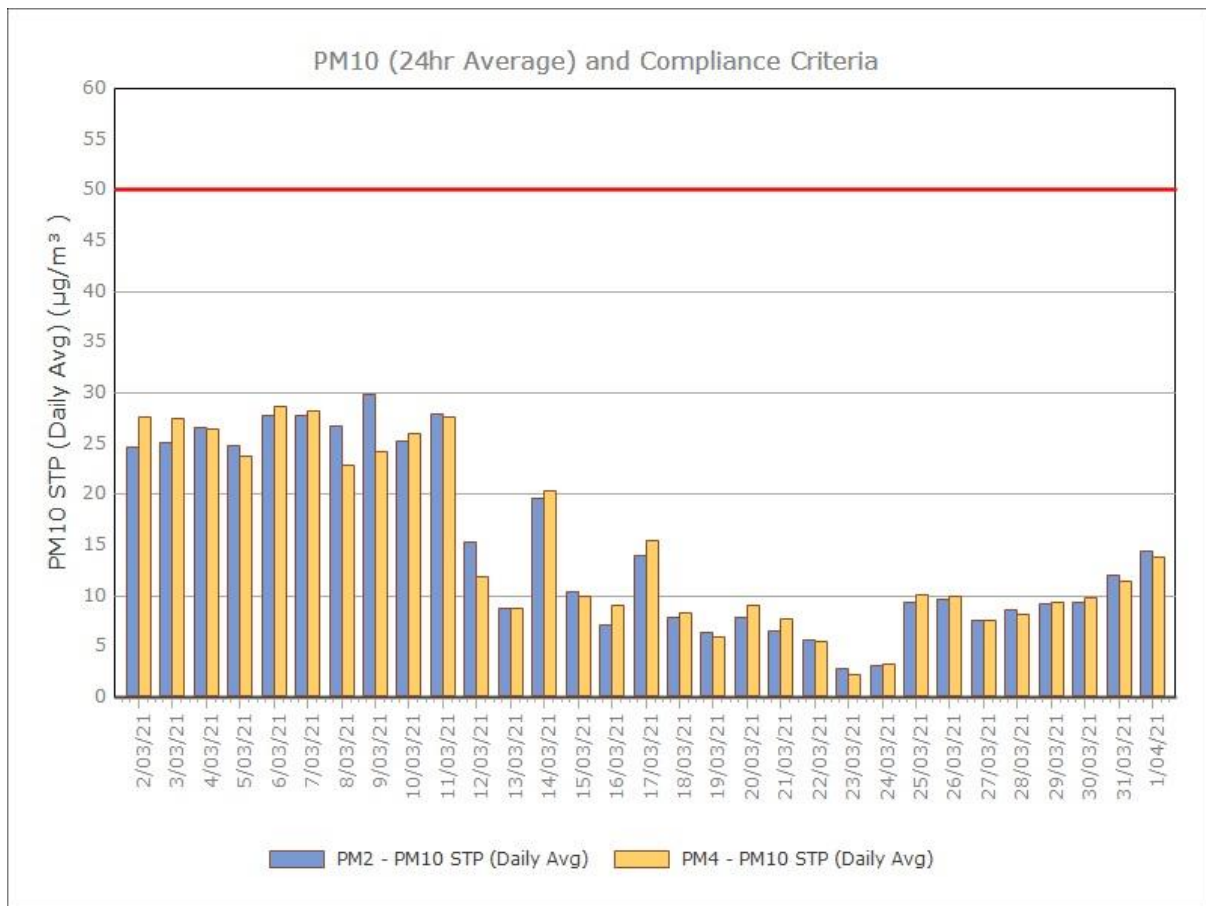
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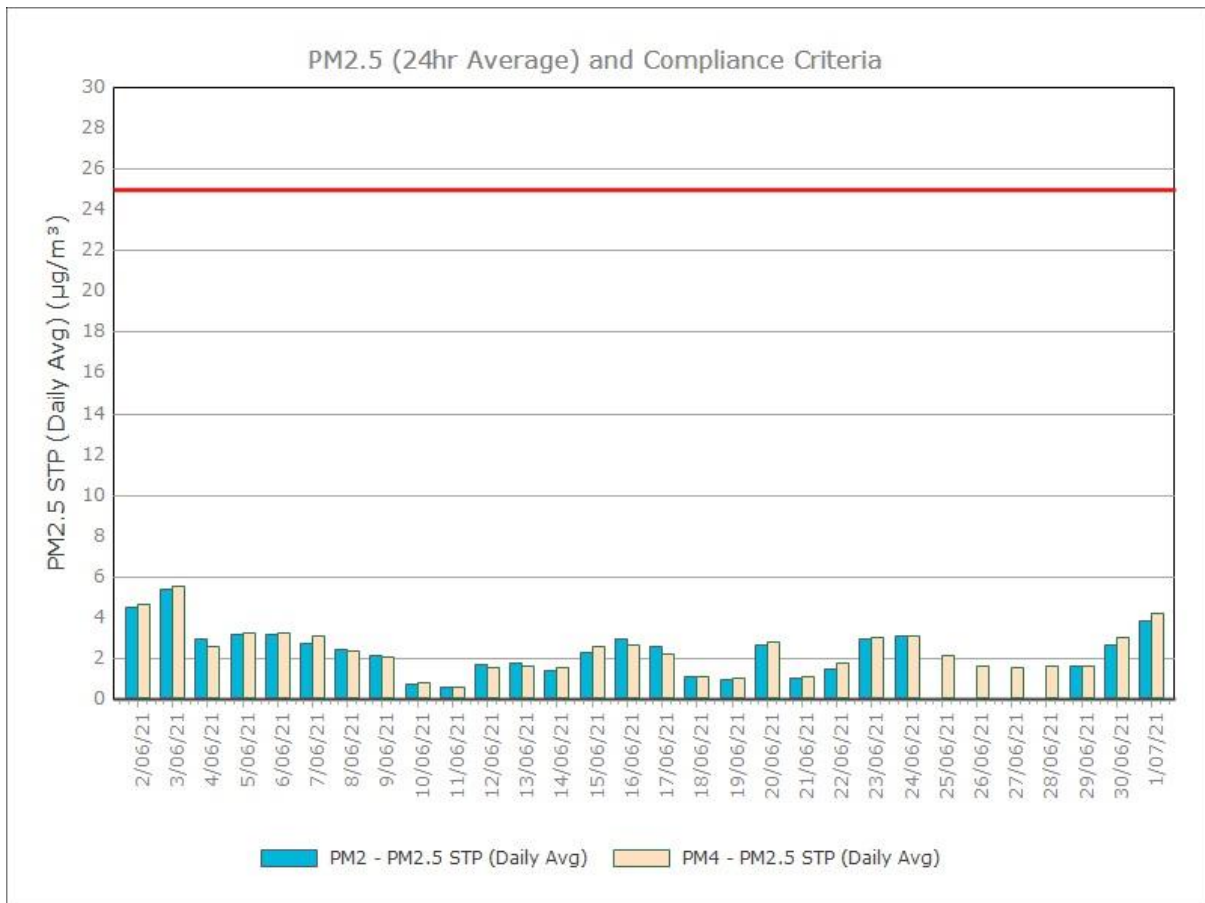
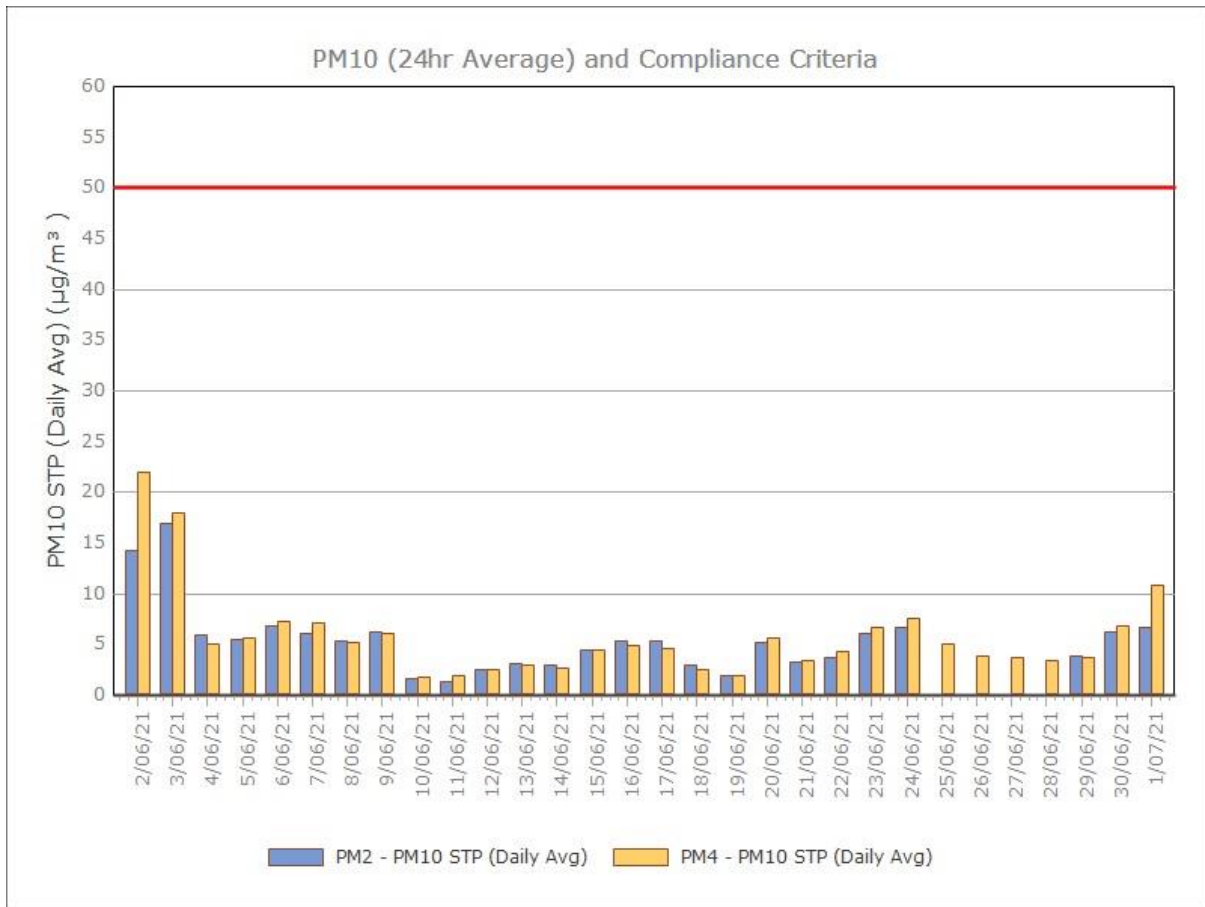
April 2021



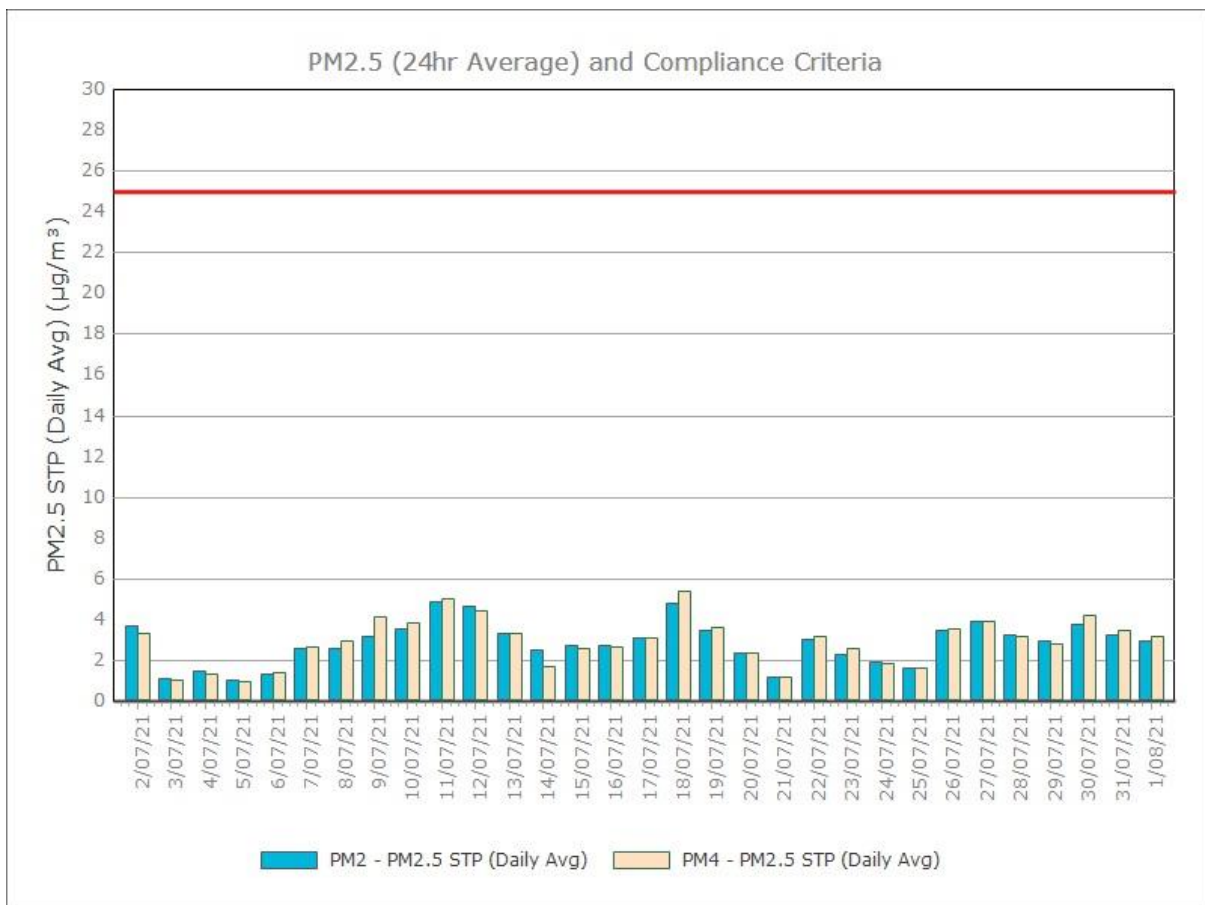
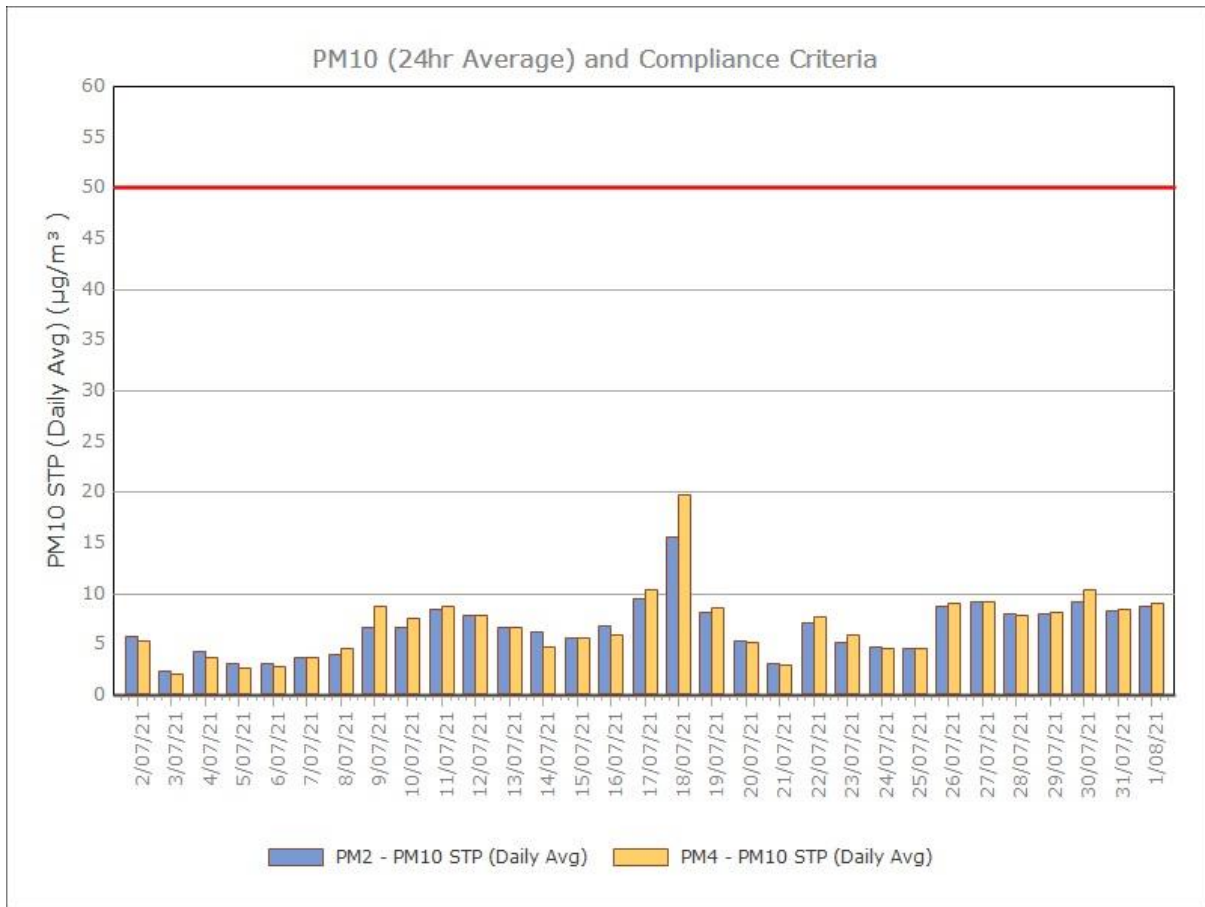
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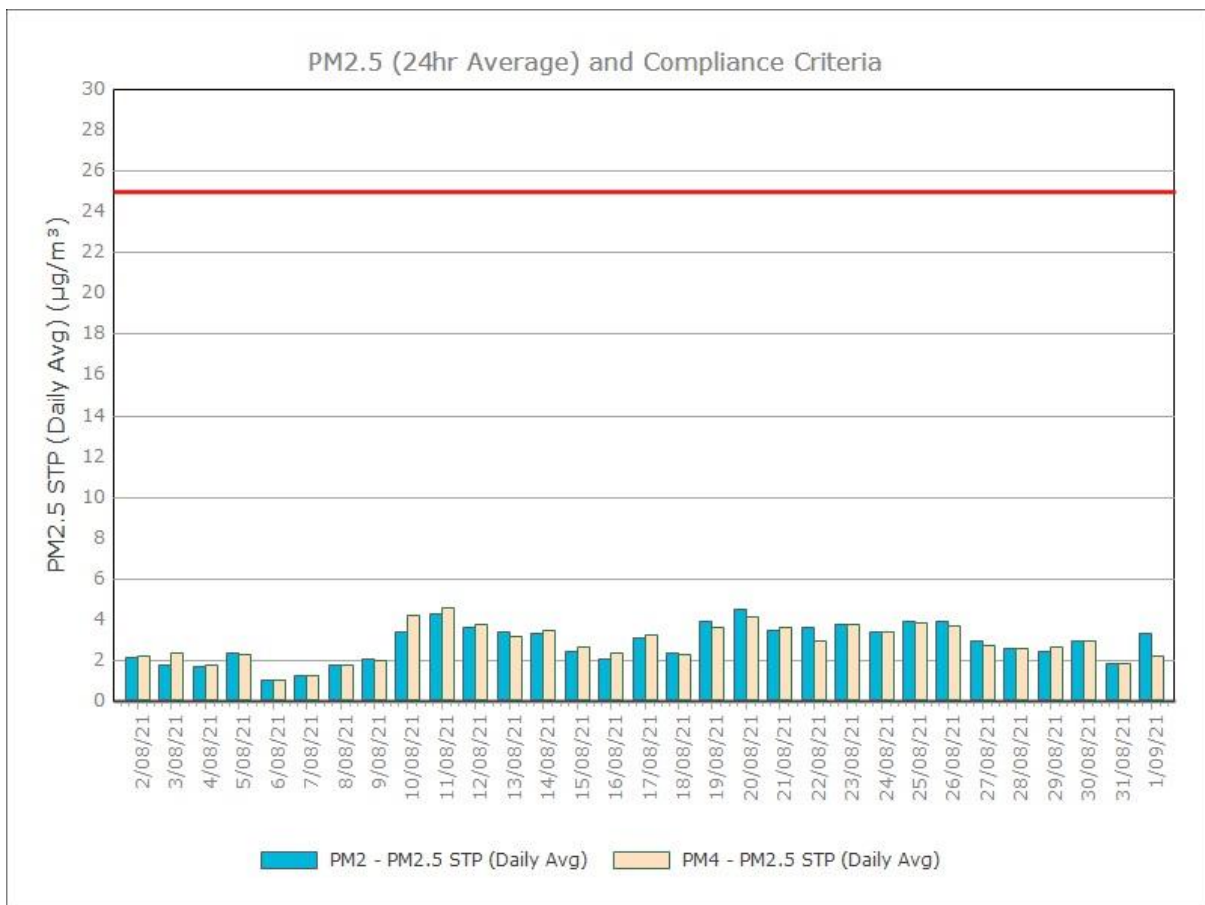
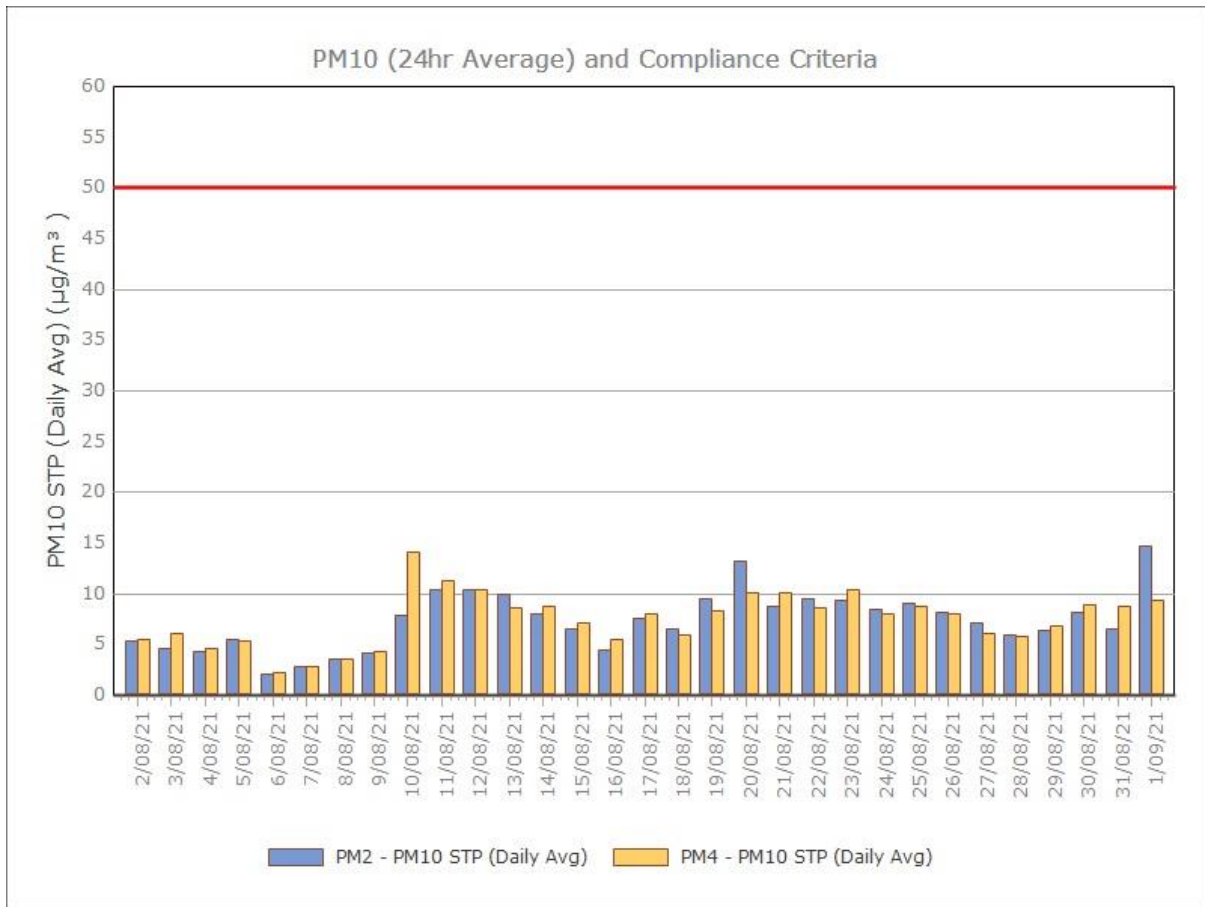
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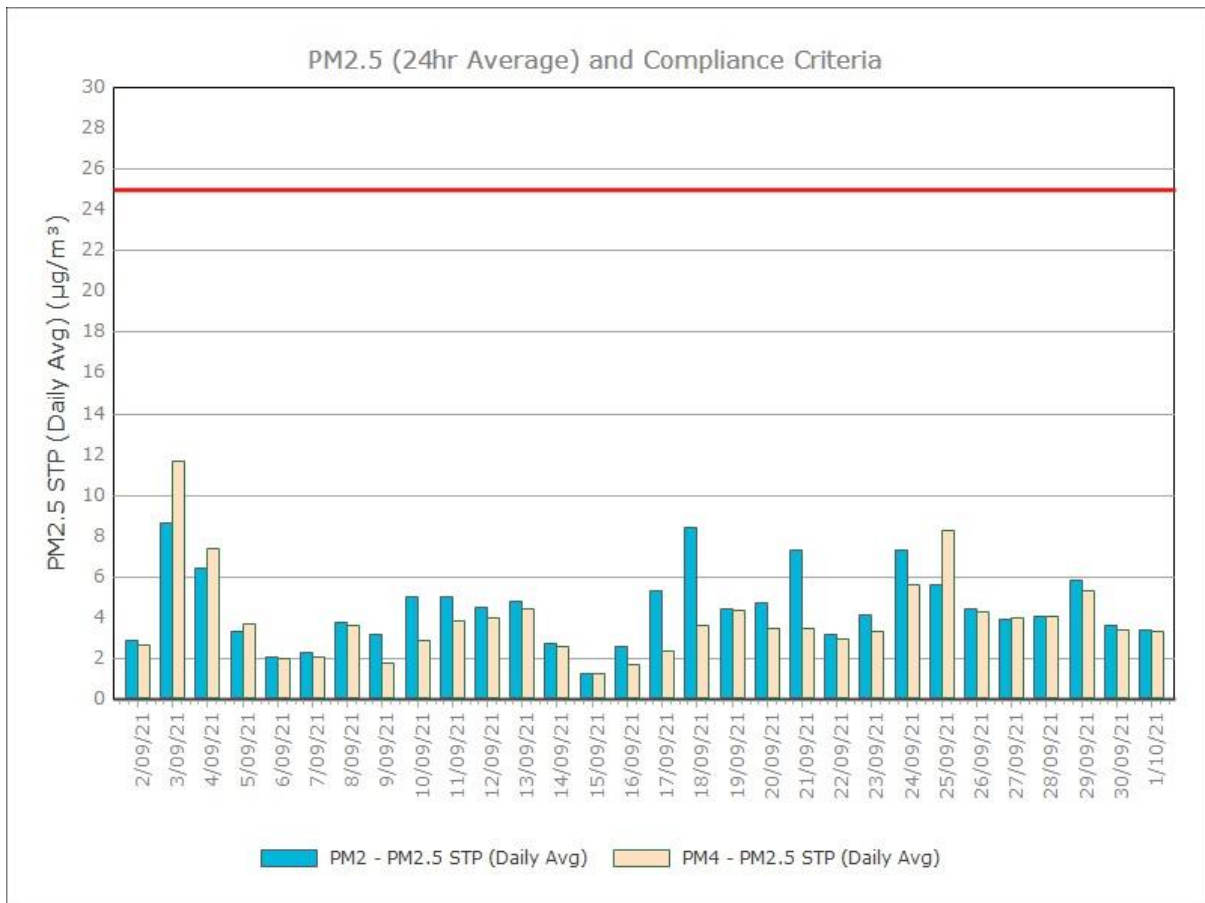
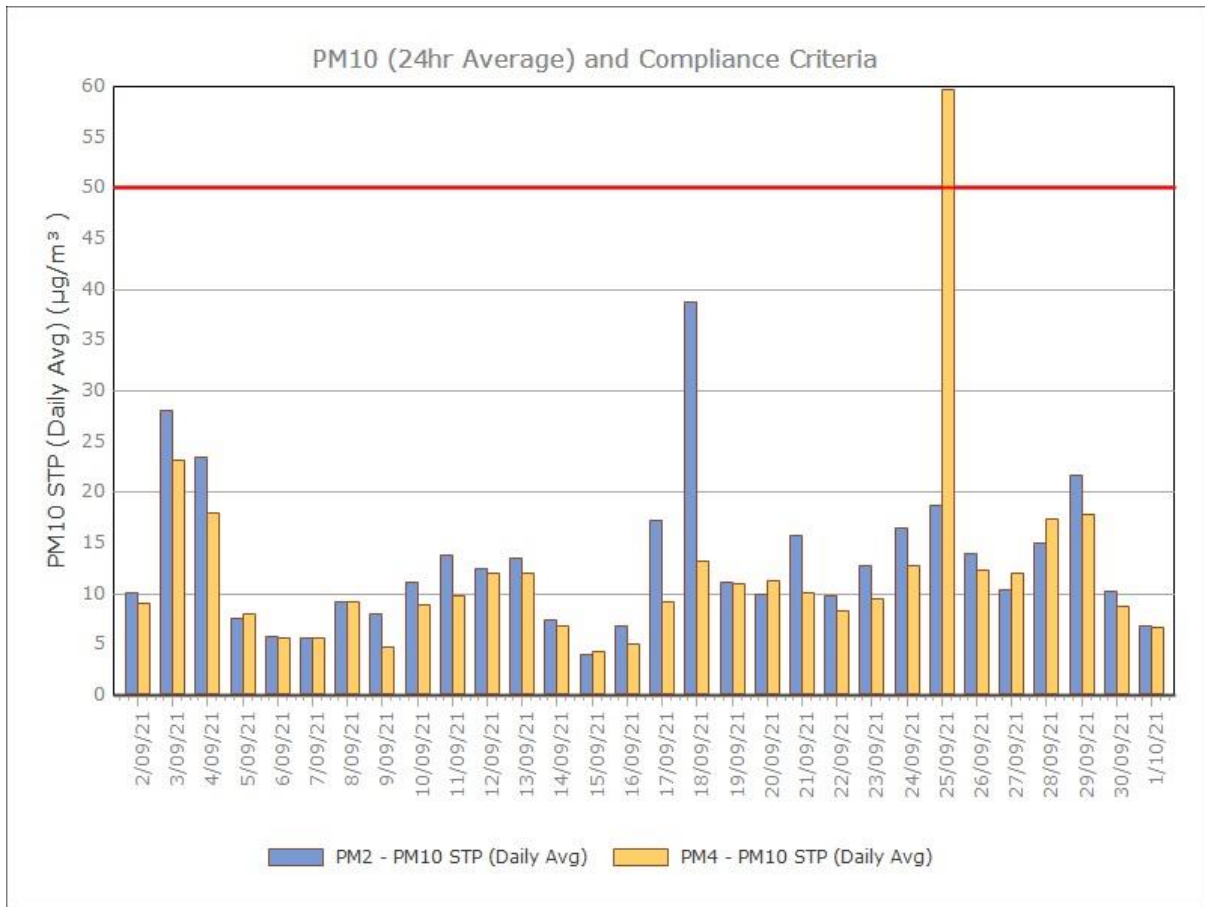
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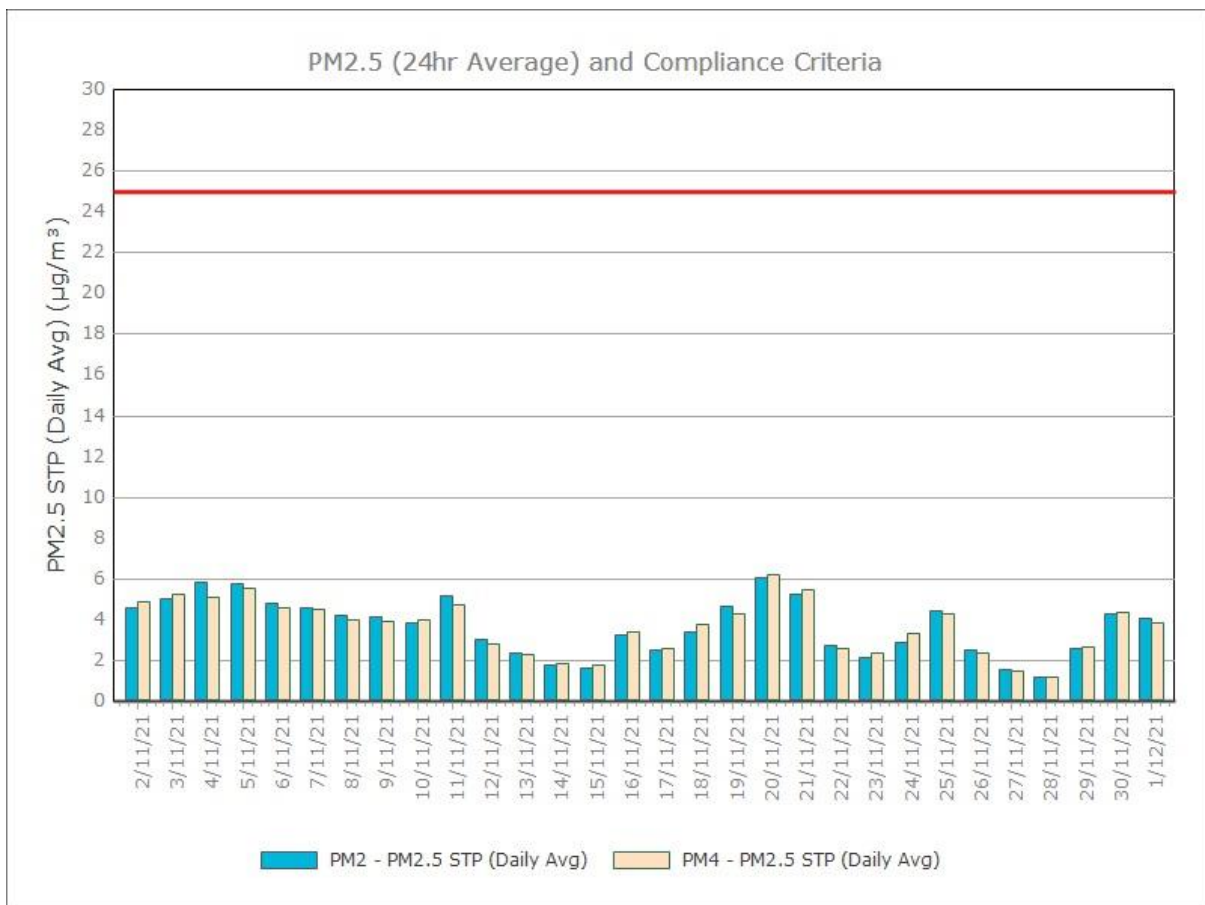
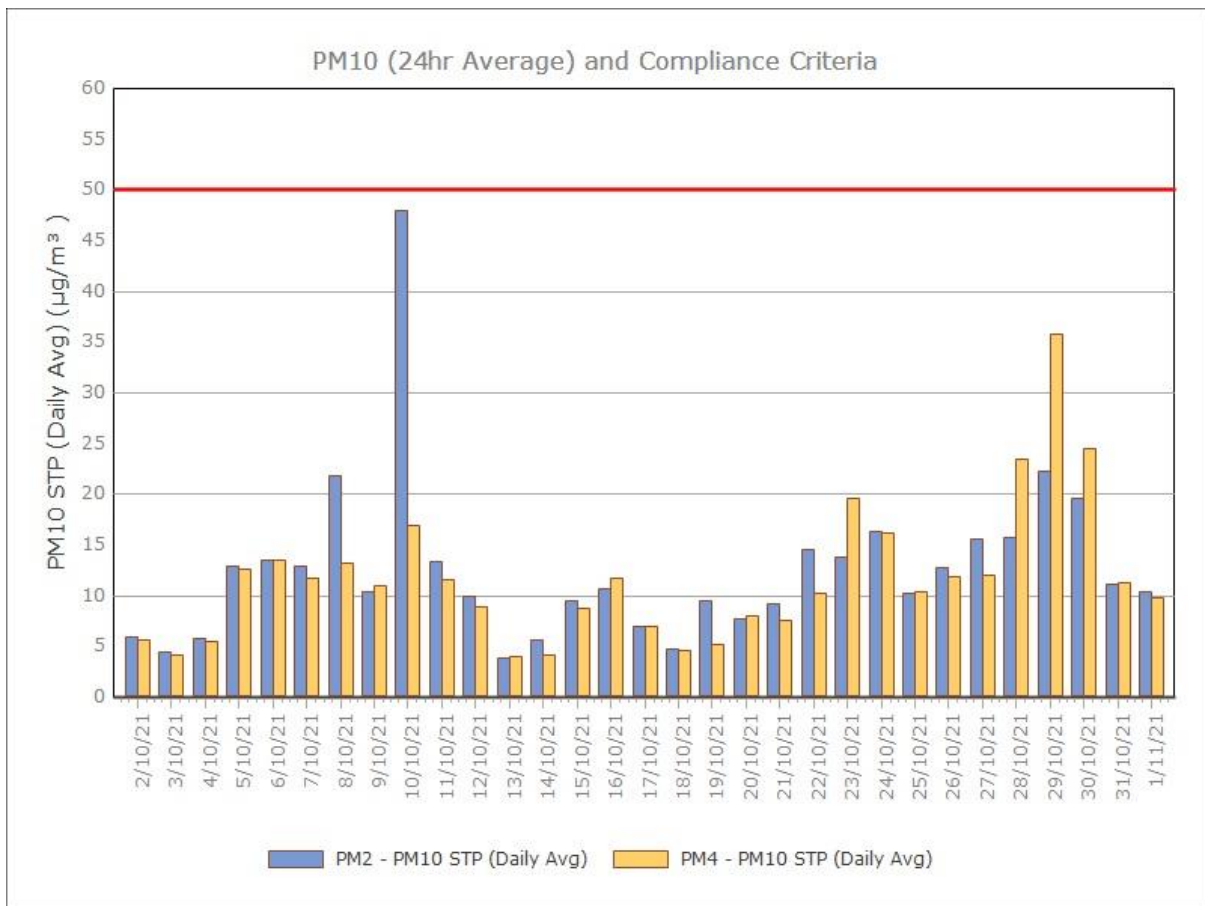
August 2021



September 2021



October 2021



November 2021

