

sunrise
energy metals

2023 ENVIRONMENTAL MONITORING RESULTS

AIR QUALITY

Published Date: 29 January 2024

Premises:
Sunrise Project
Wilmatha Road
Fifield, NSW, 2875

[Environment Protection Licence #21146](#)

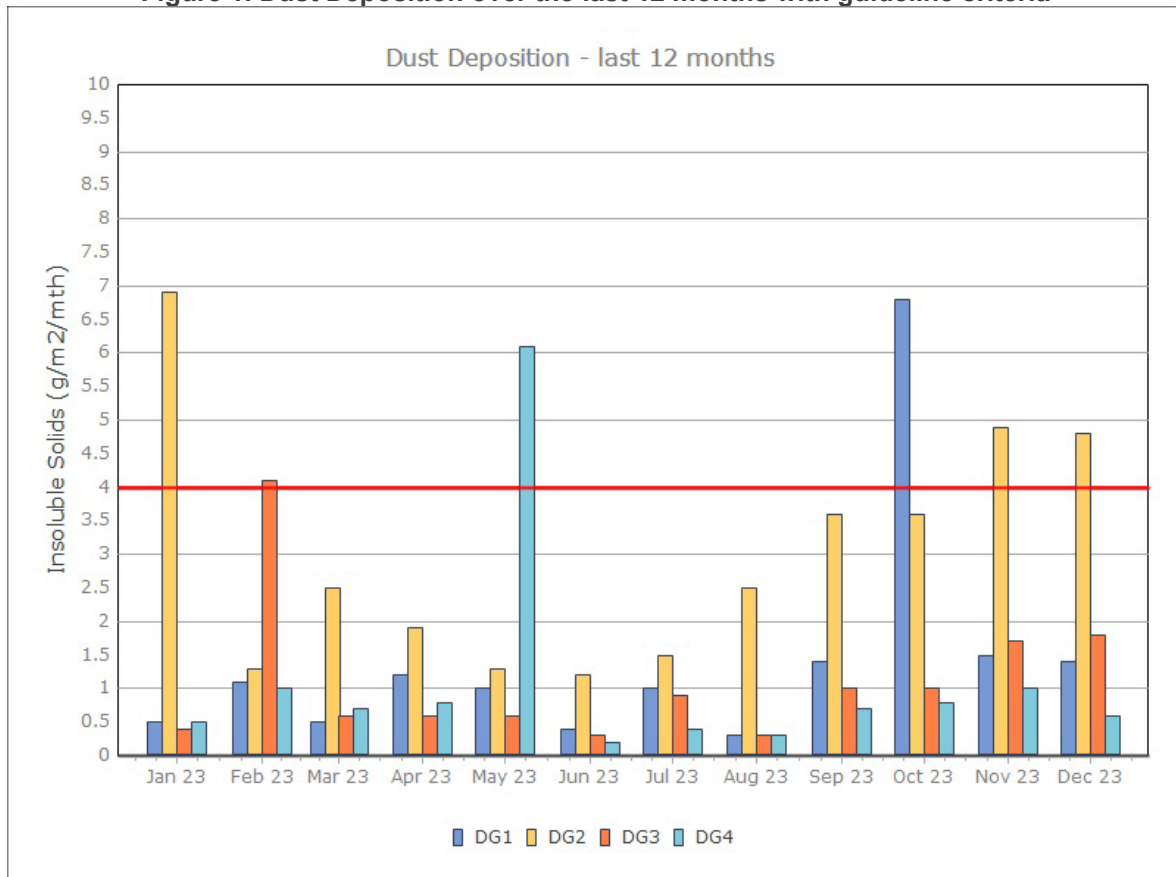
Dust Deposition

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	1/12/2023 - 1/01/2024	22/01/2024	29/01/2024	1.4	4.8	1.8	0.6
Average (Mean)				1.4	2.9	0.8	1.4
Median				1.1	2.5	0.6	0.7
Maximum				6.8	6.9	1.8	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 – December 2023

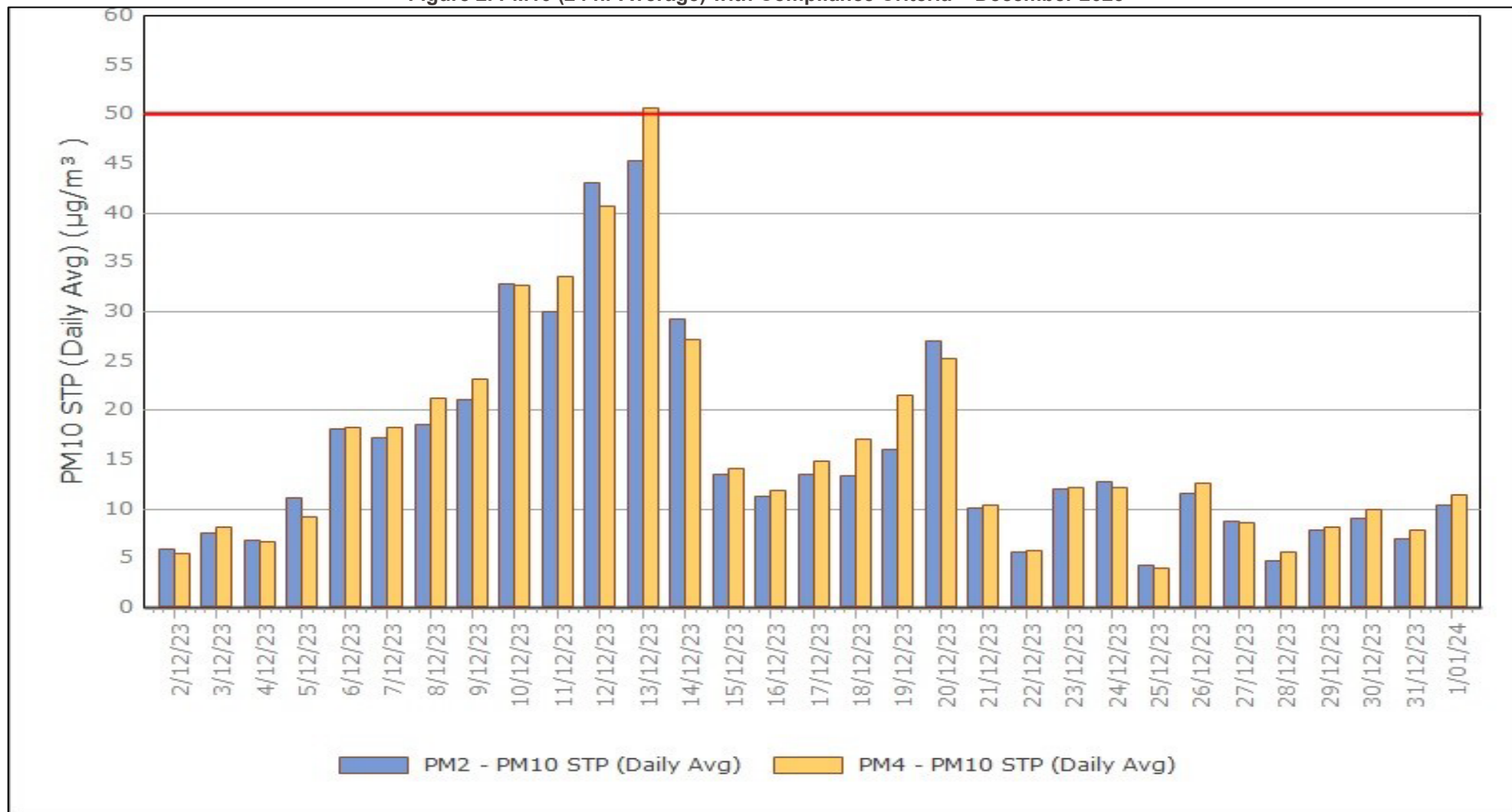
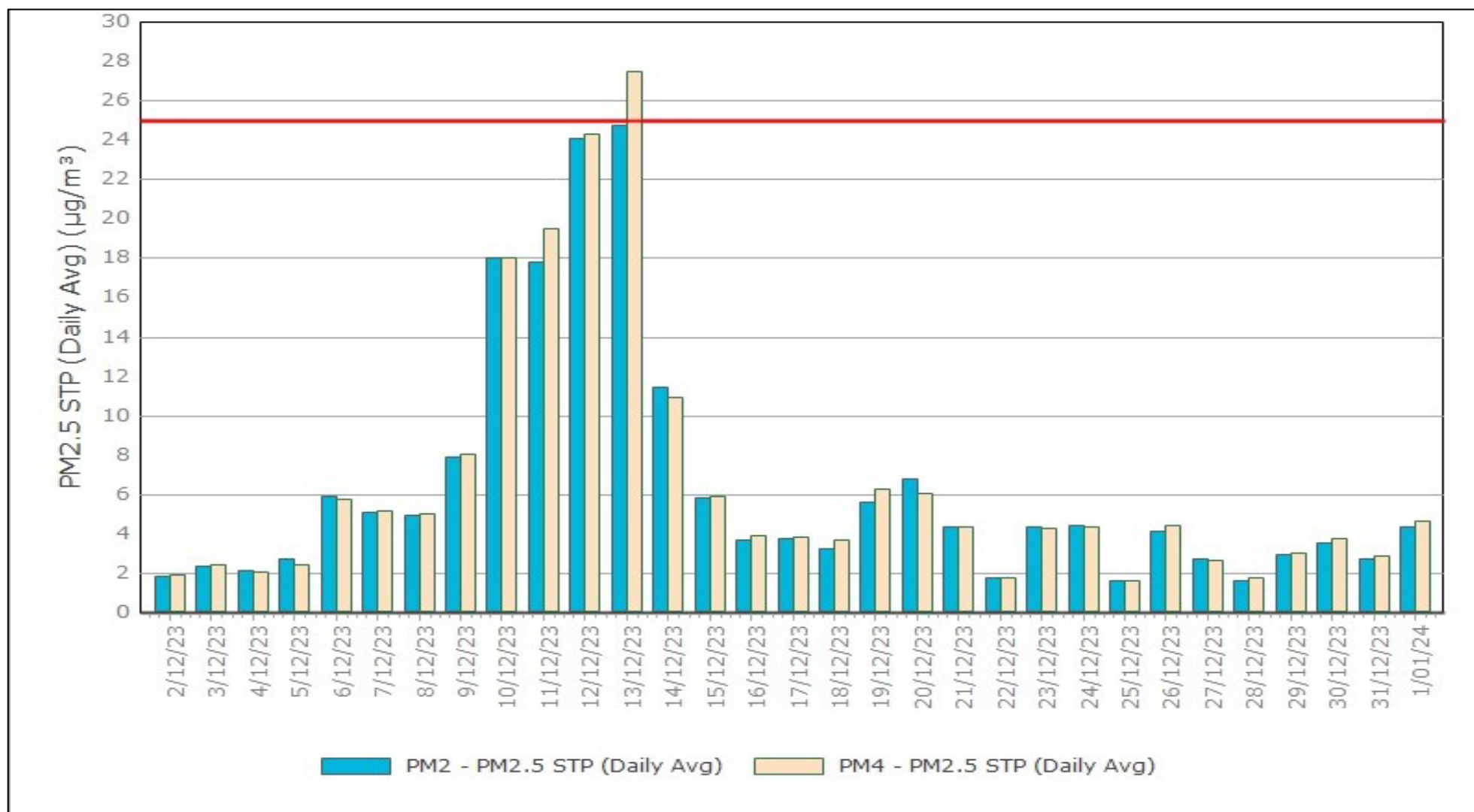


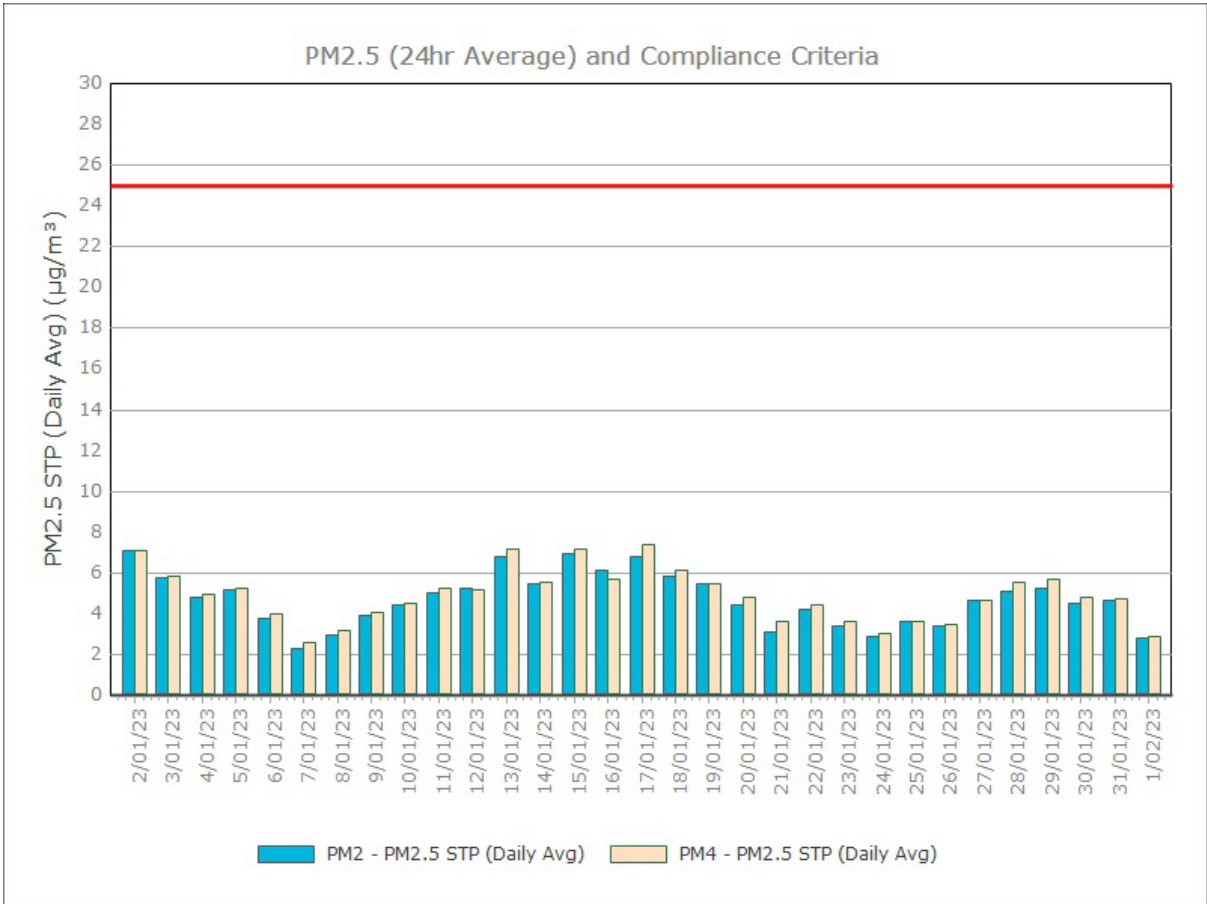
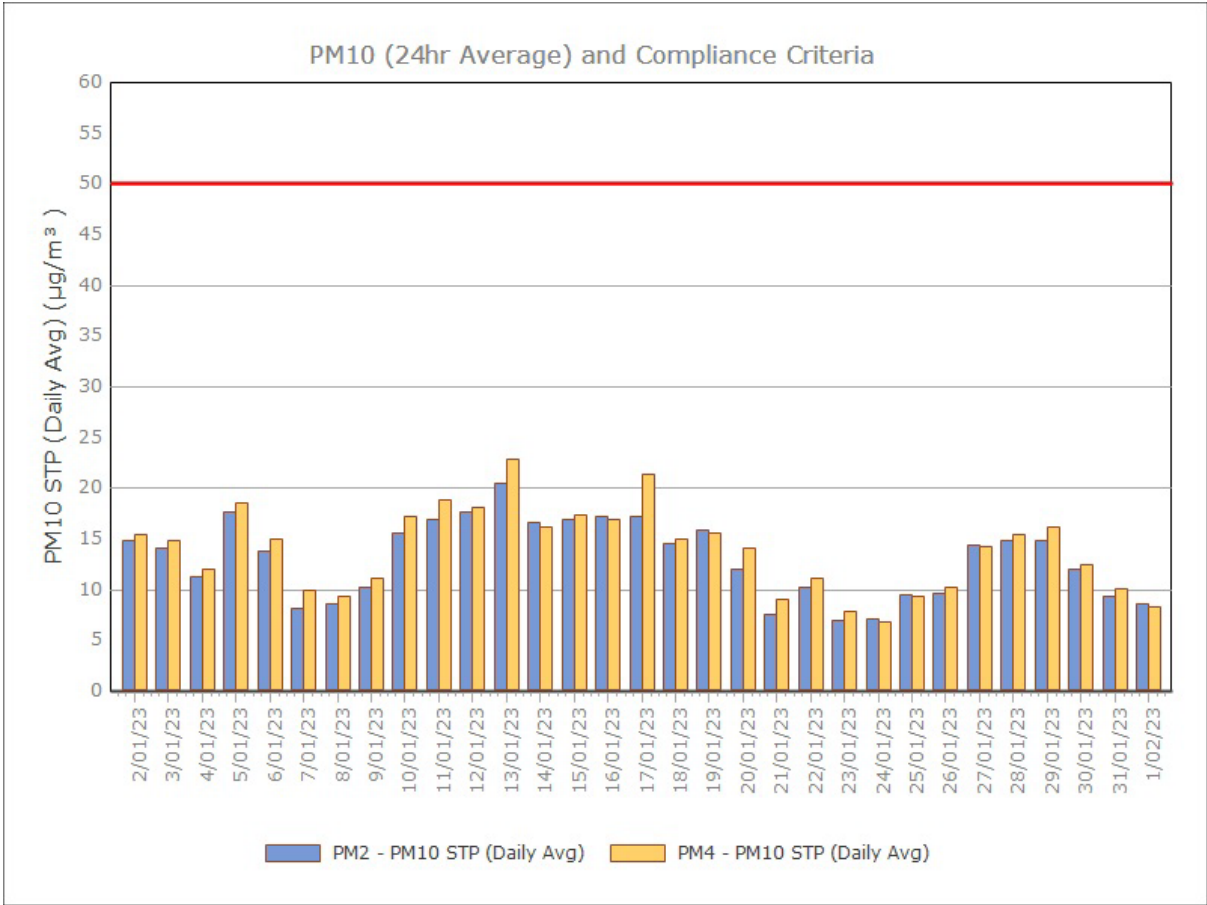
Figure 3. PM2.5 (24 hr Average) with Compliance Criteria – December 2023



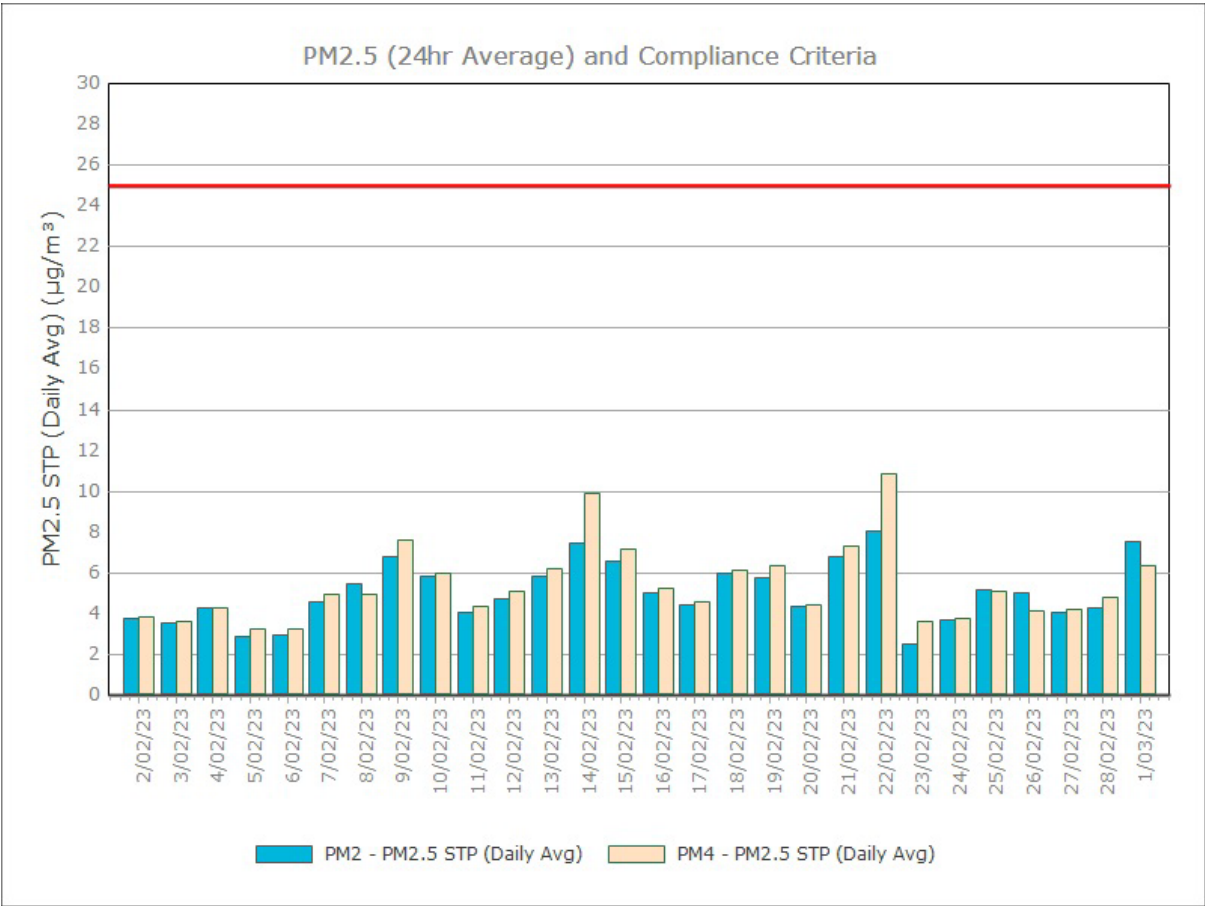
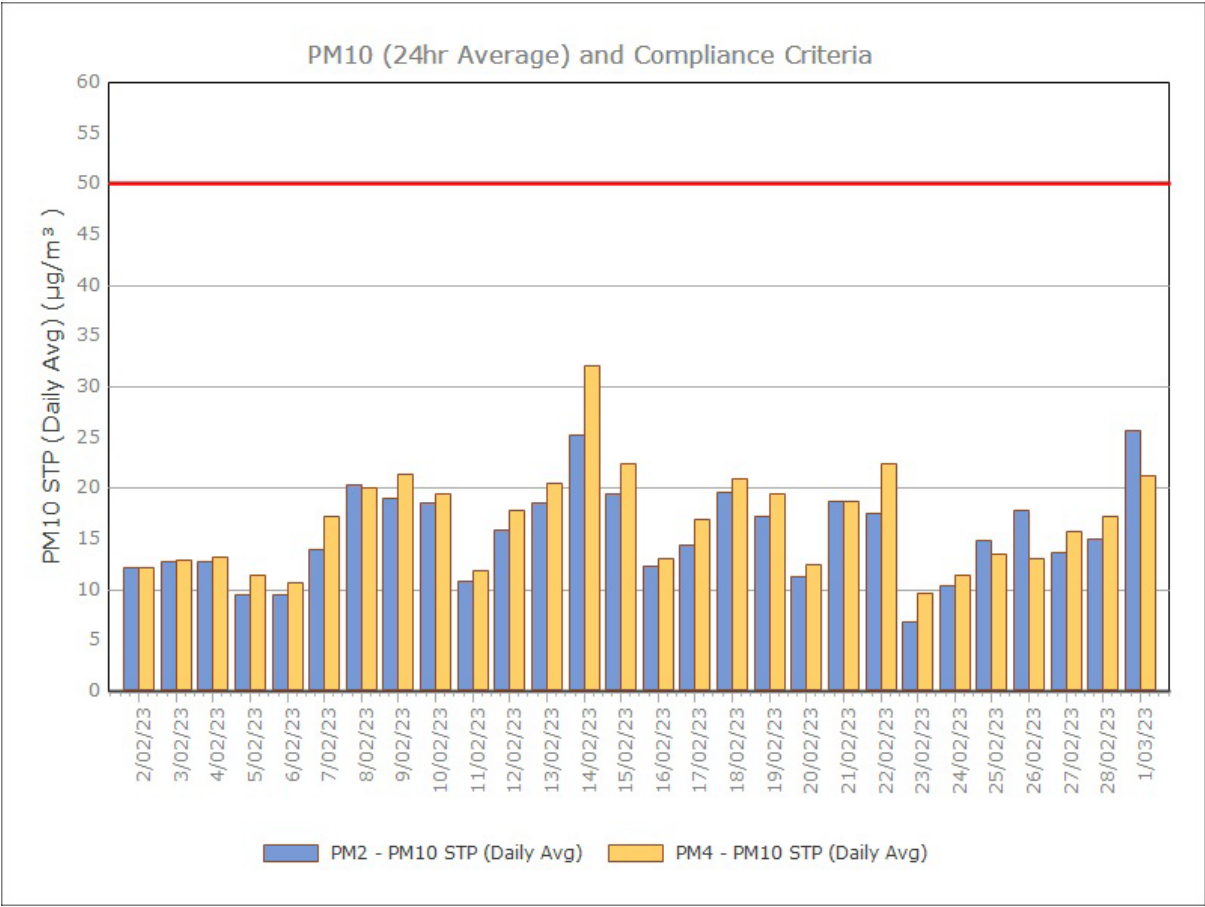
APPENDIX:

MONTHLY GRAPHS

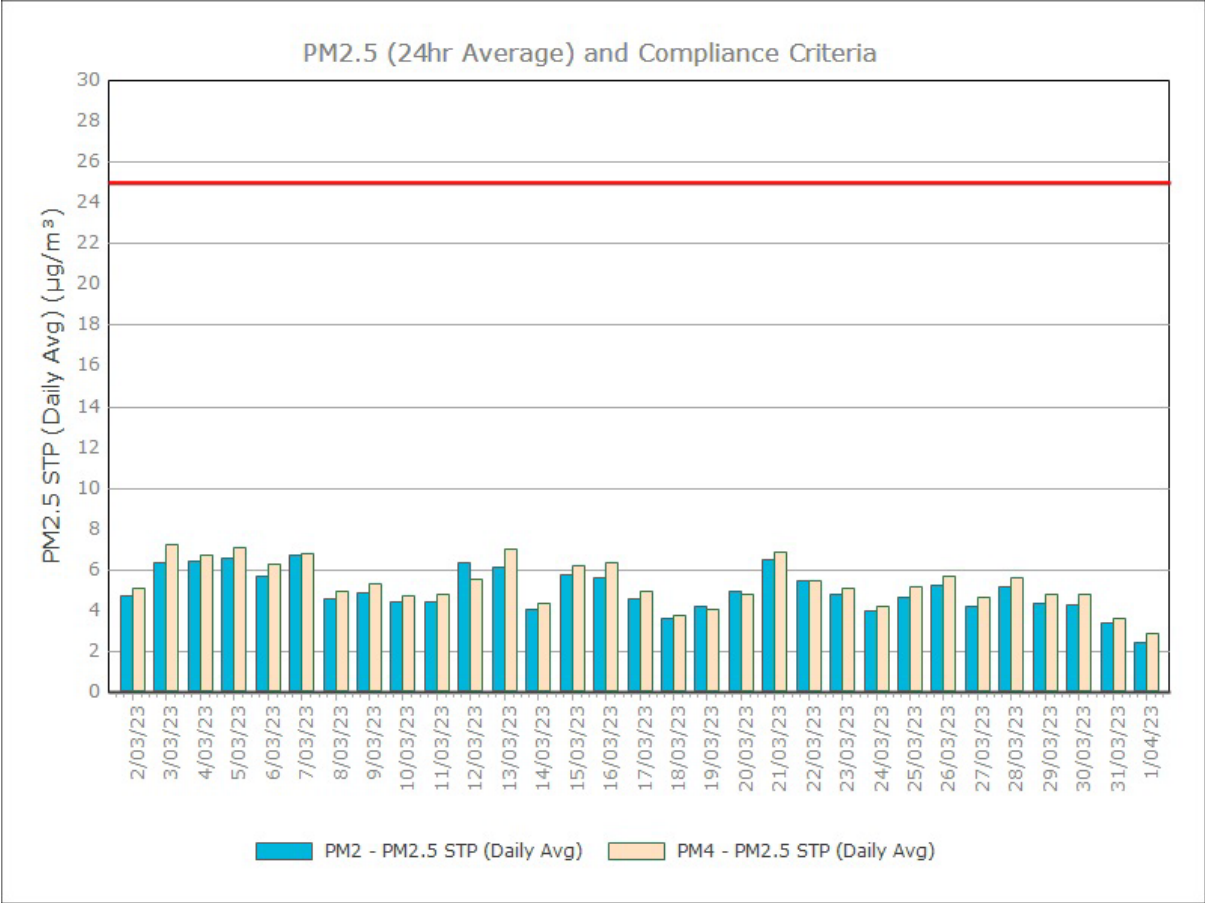
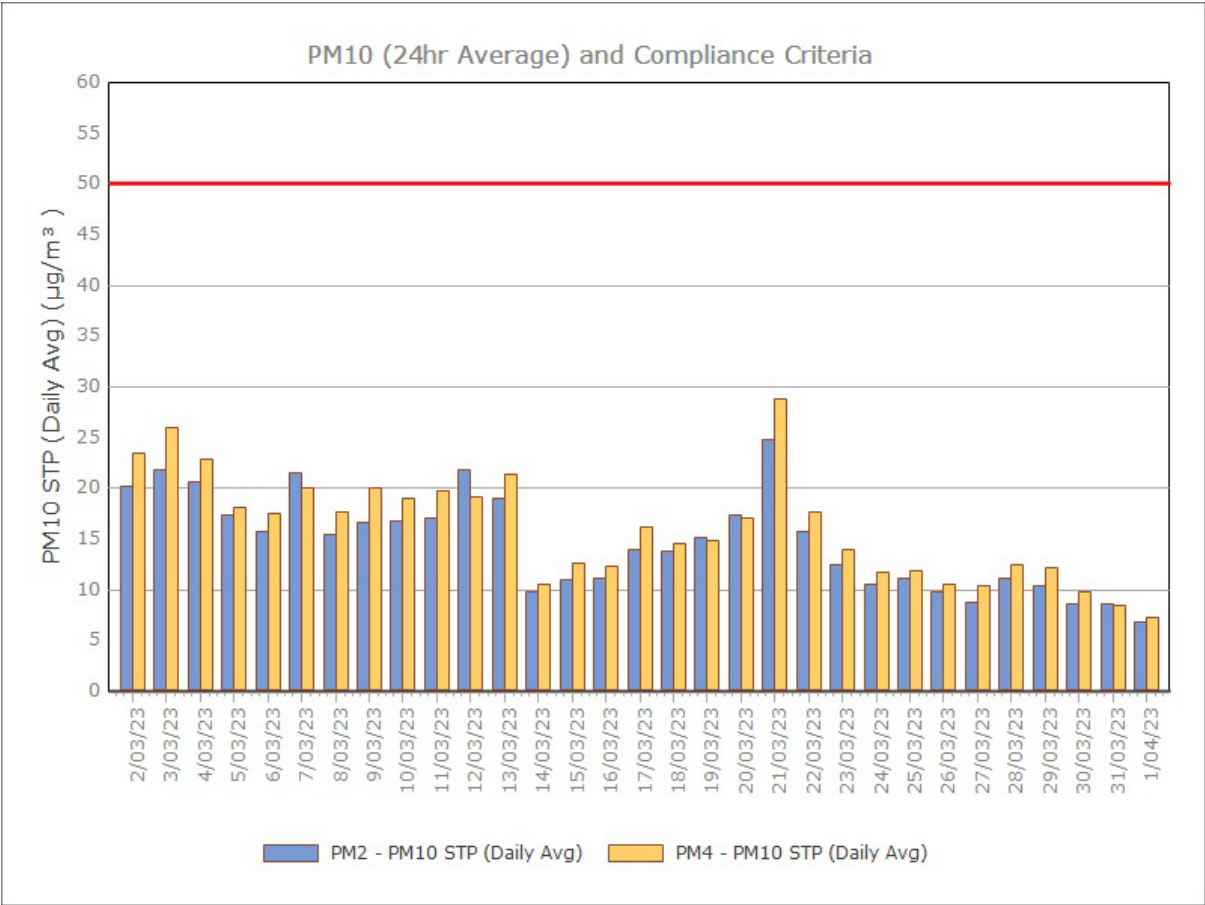
January 2023



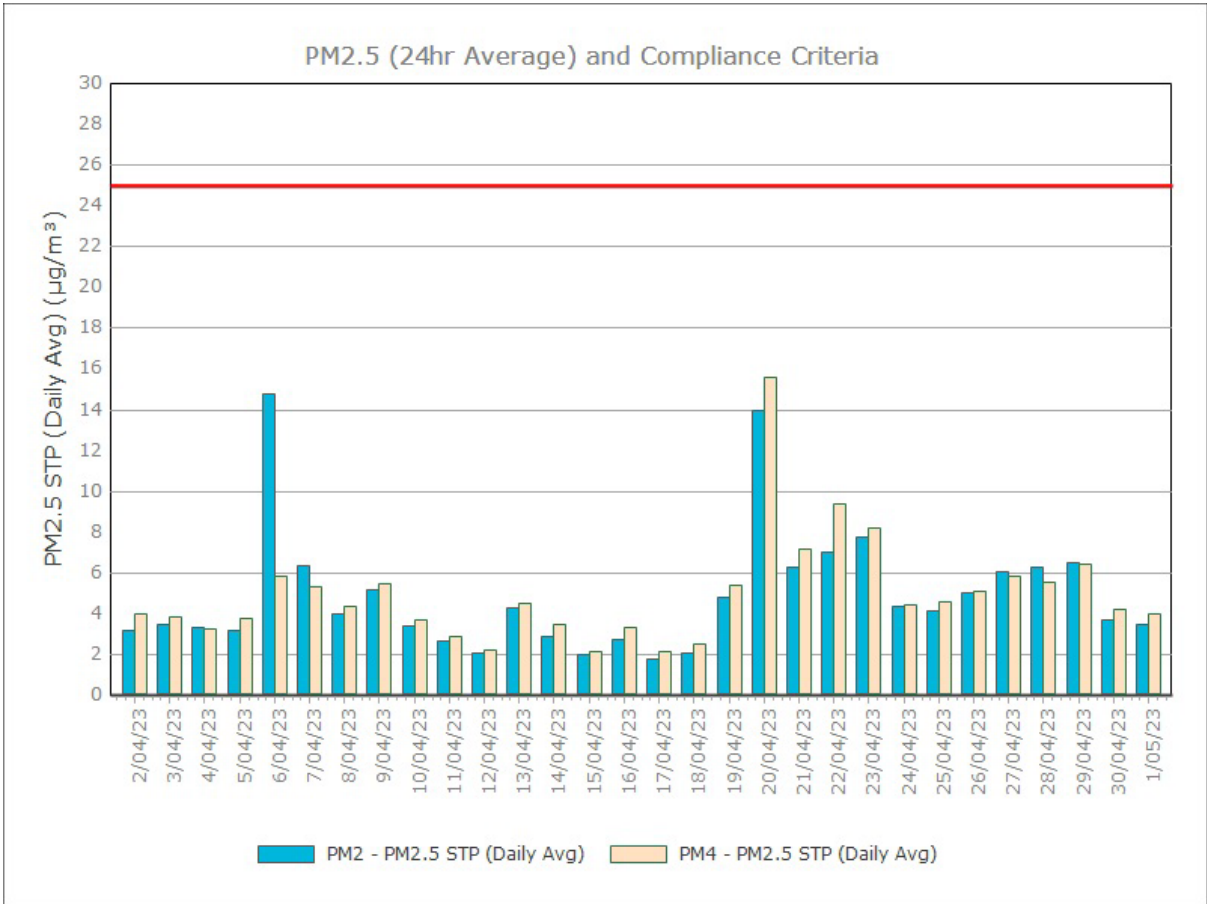
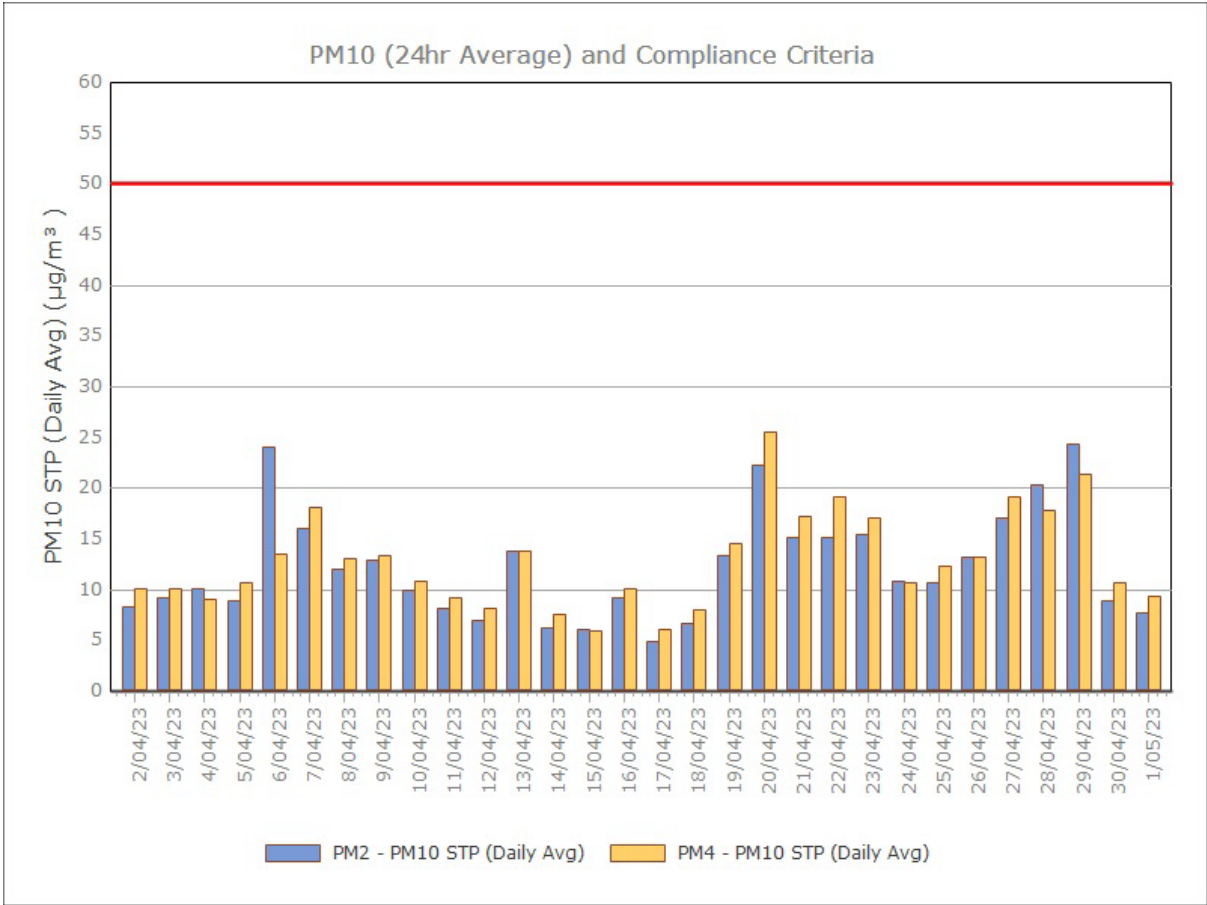
February 2023



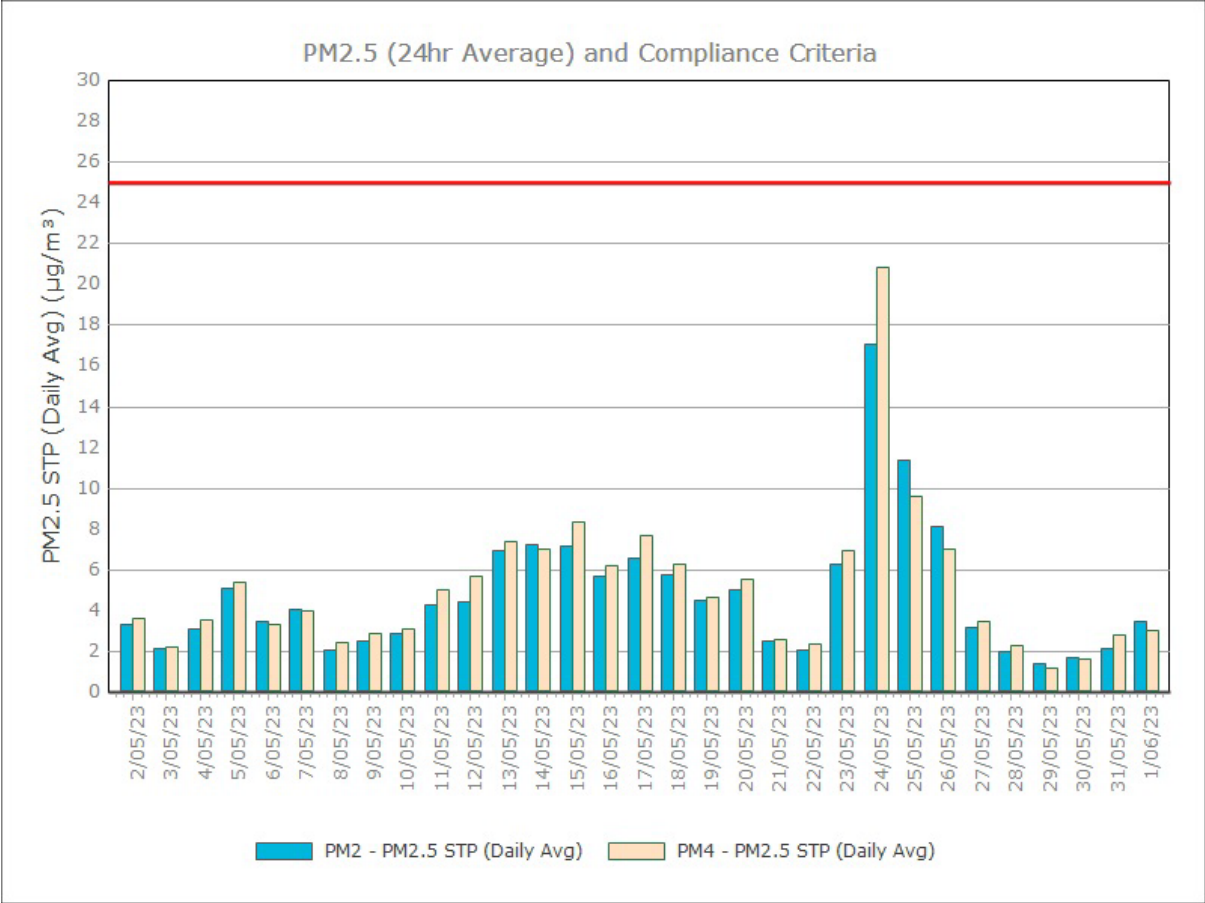
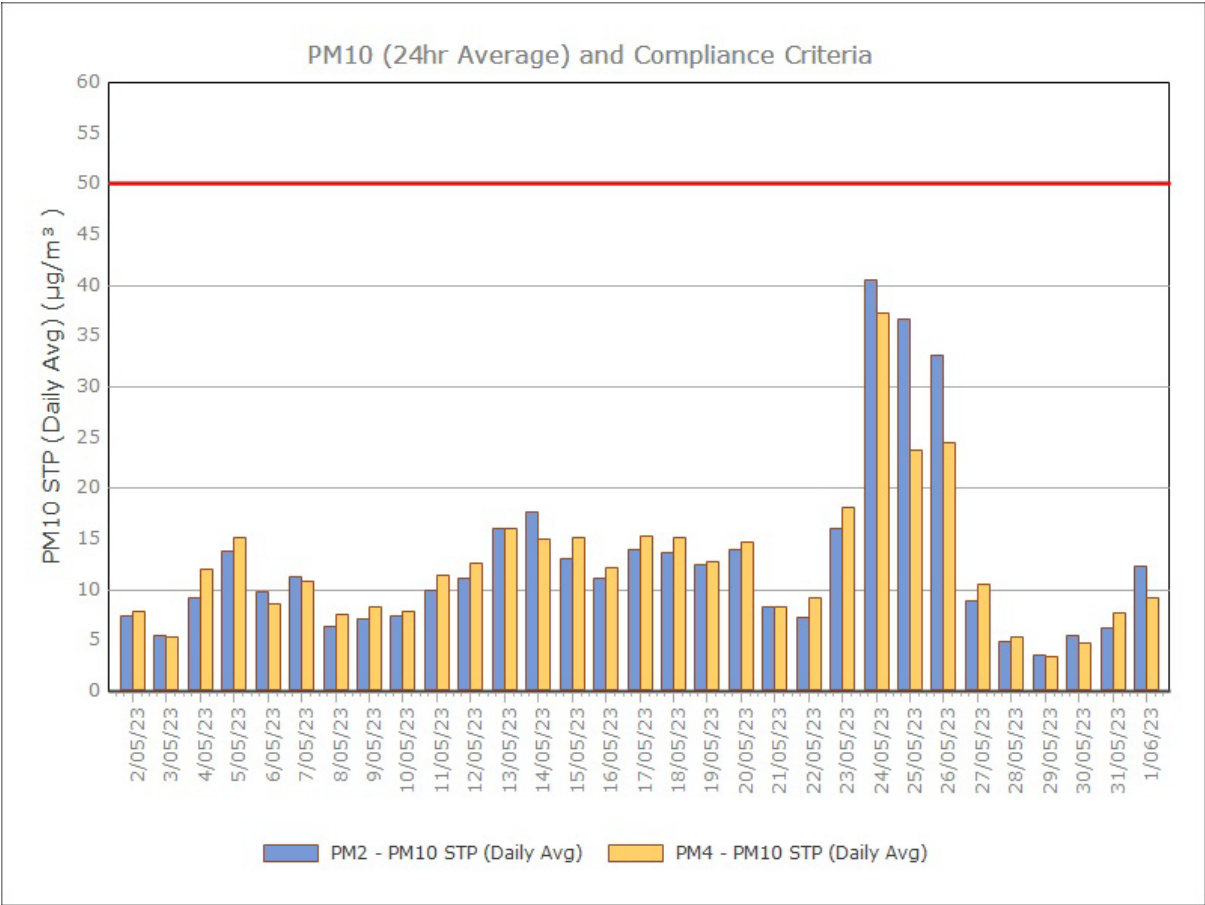
March 2023



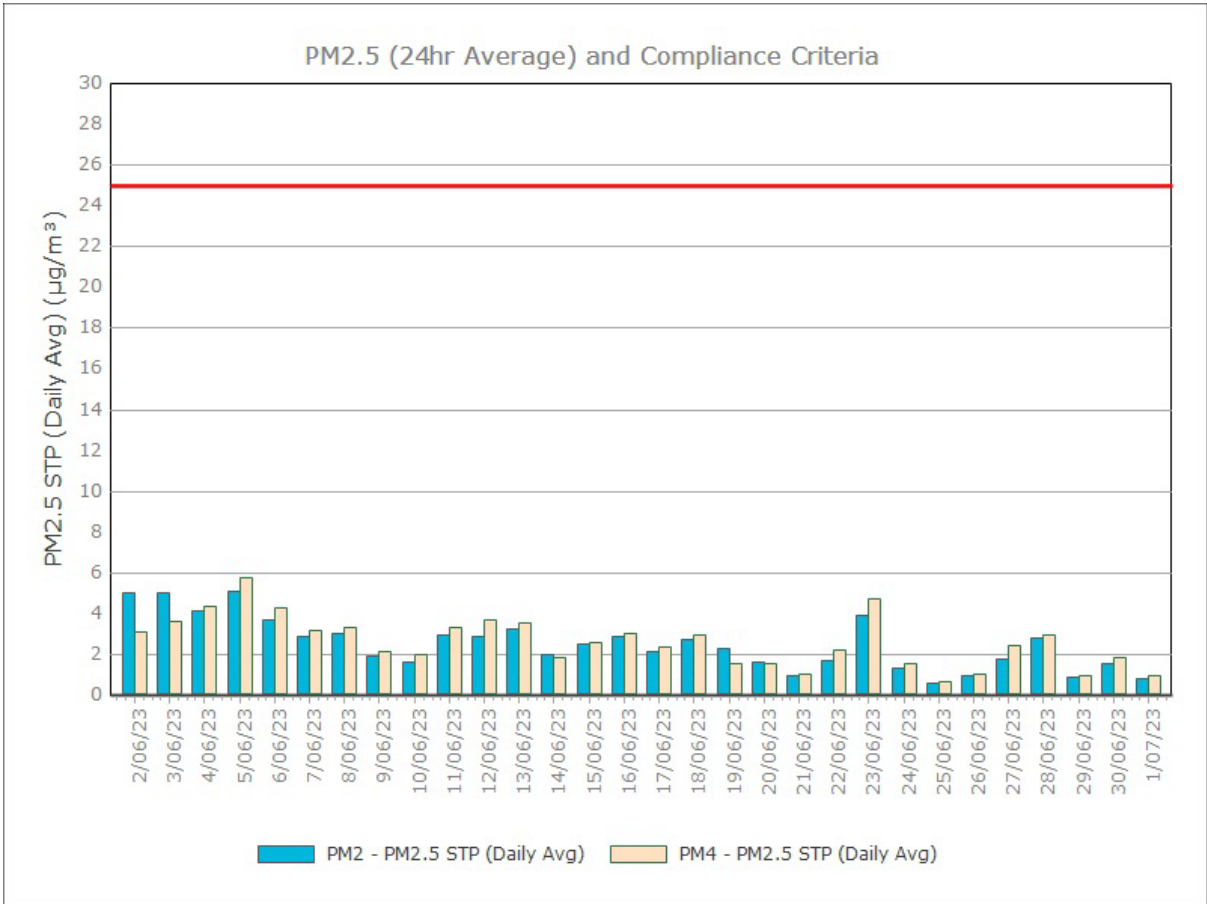
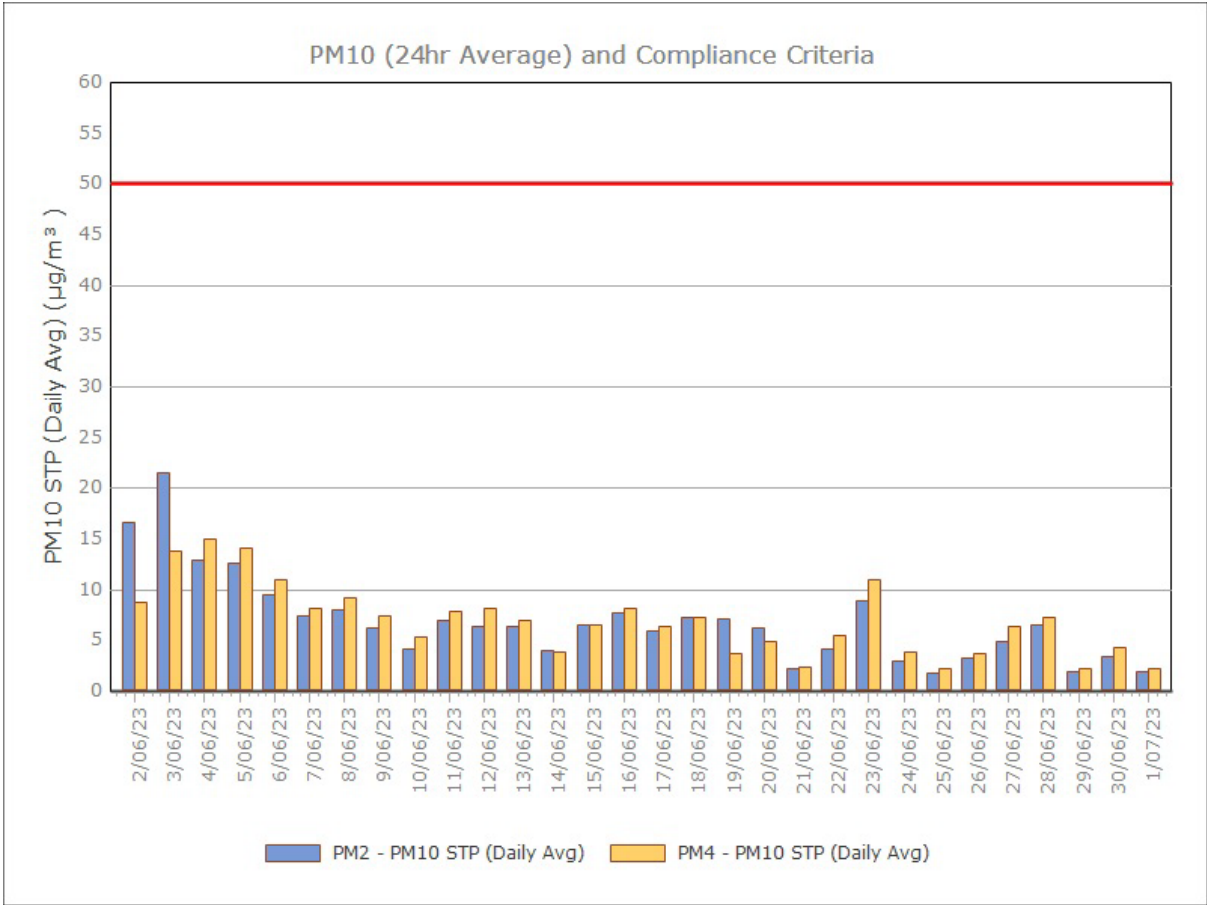
April 2023



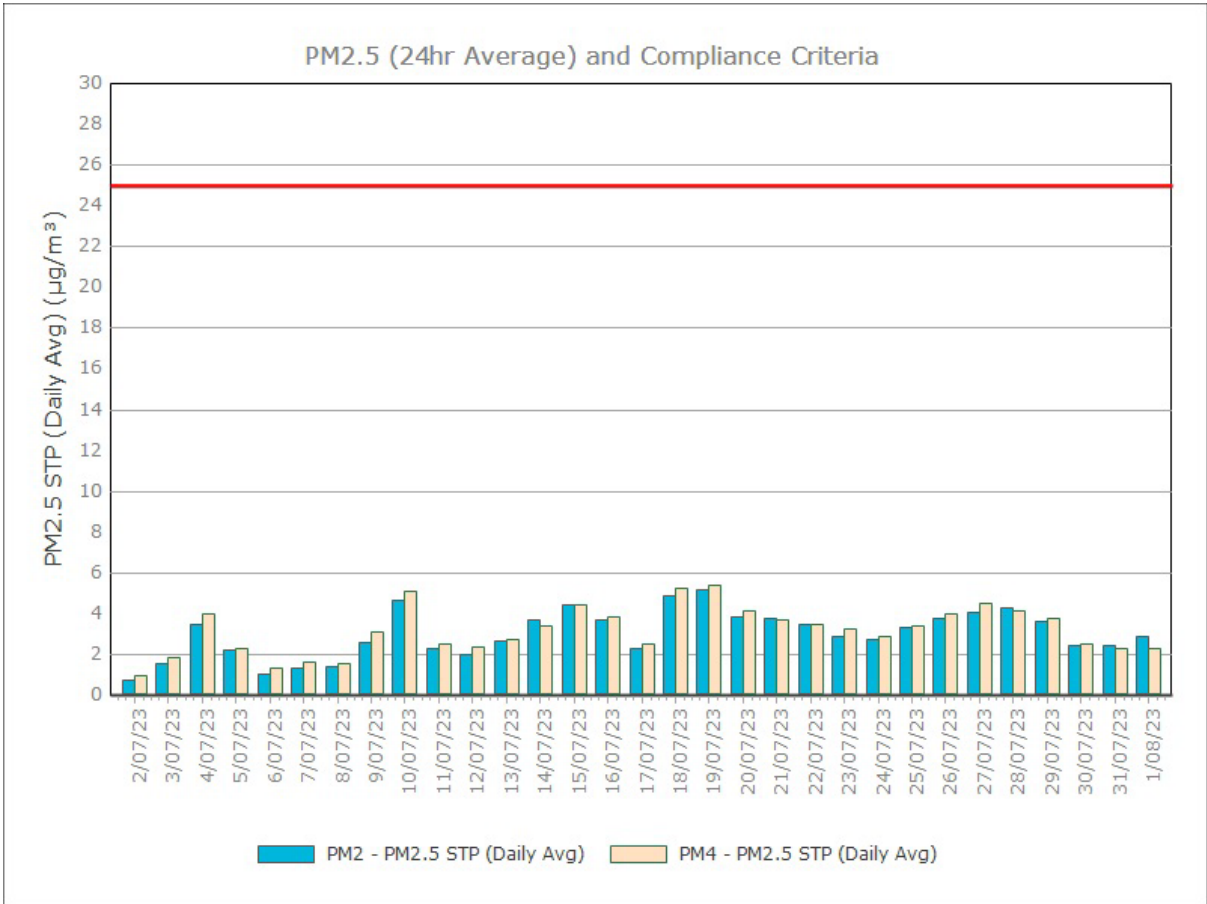
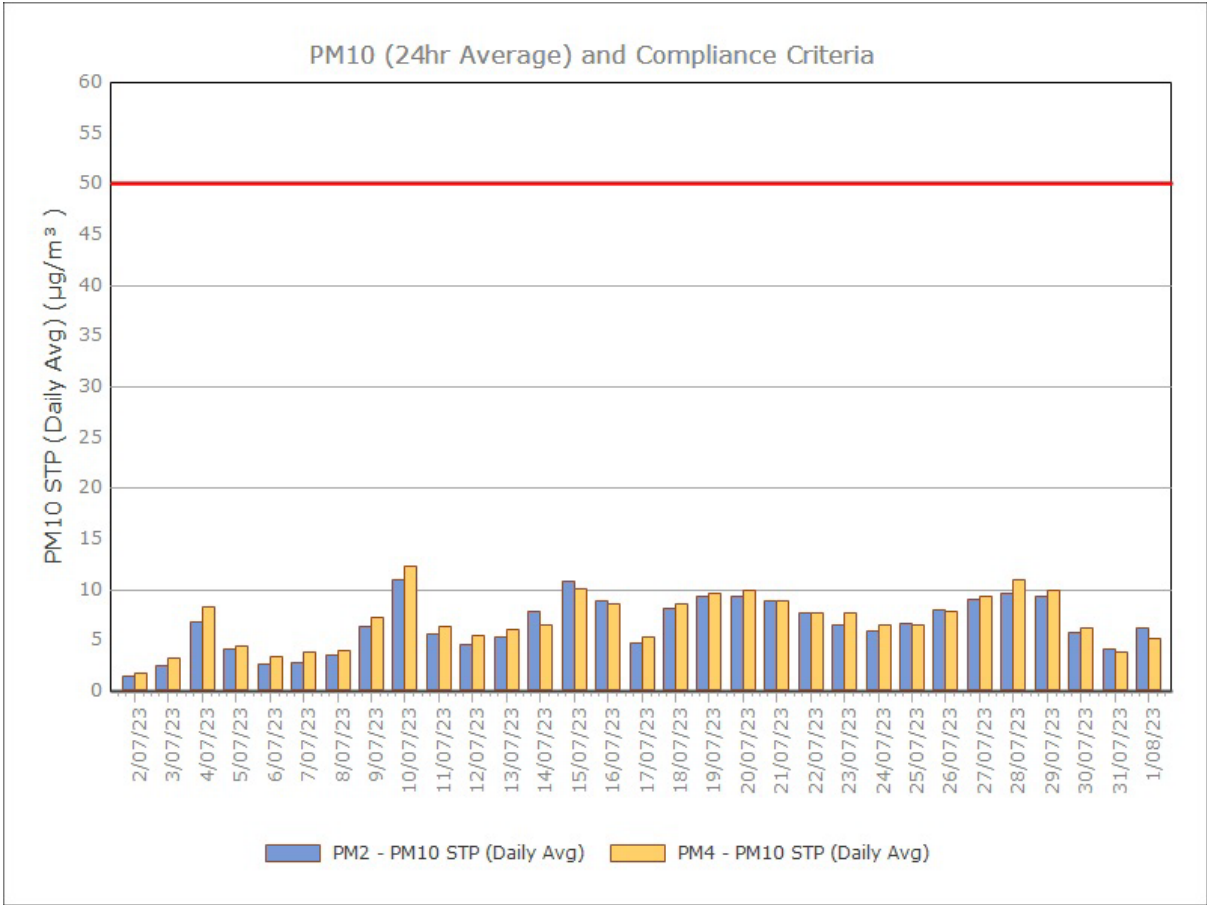
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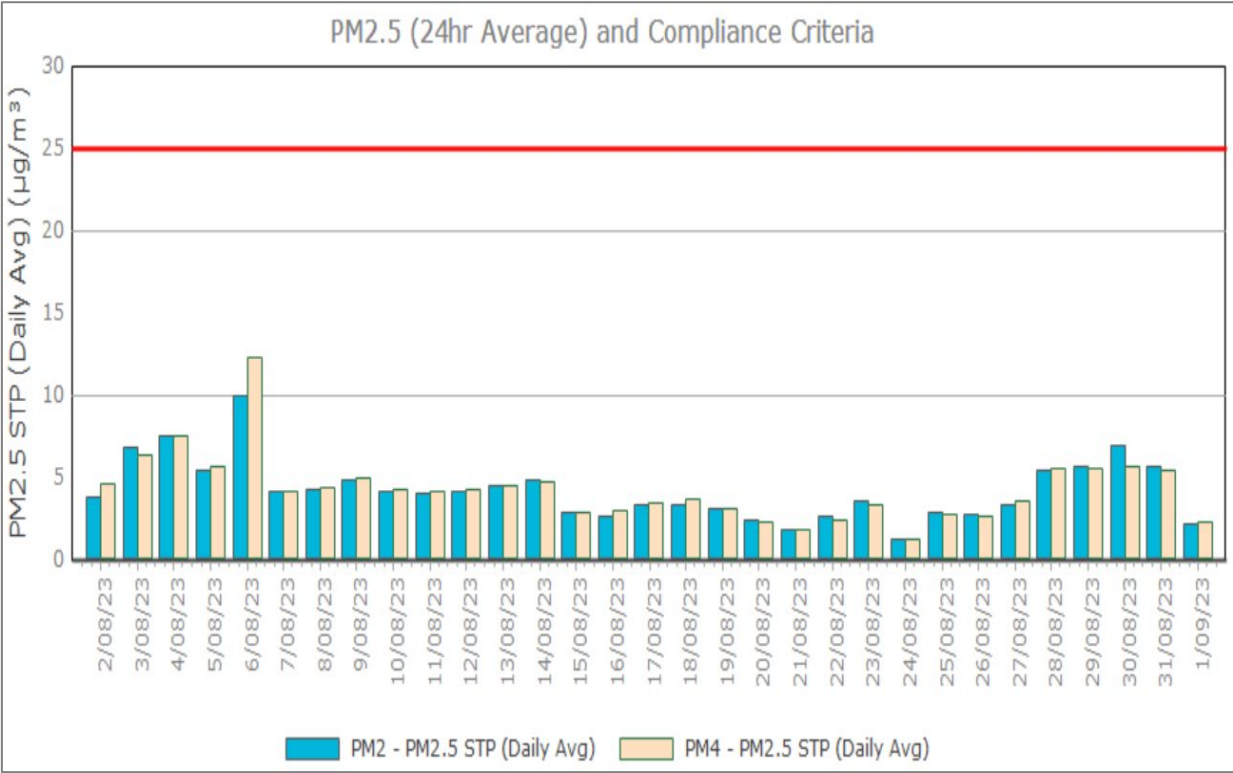
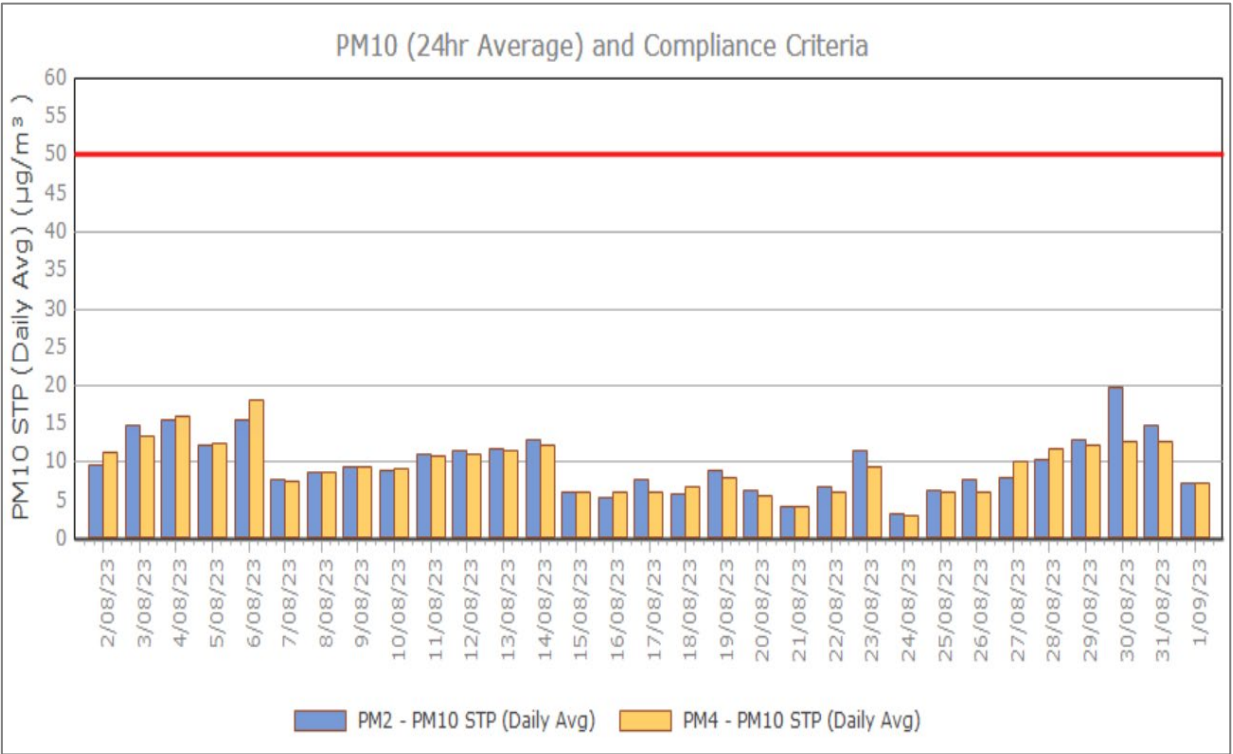
June 2023



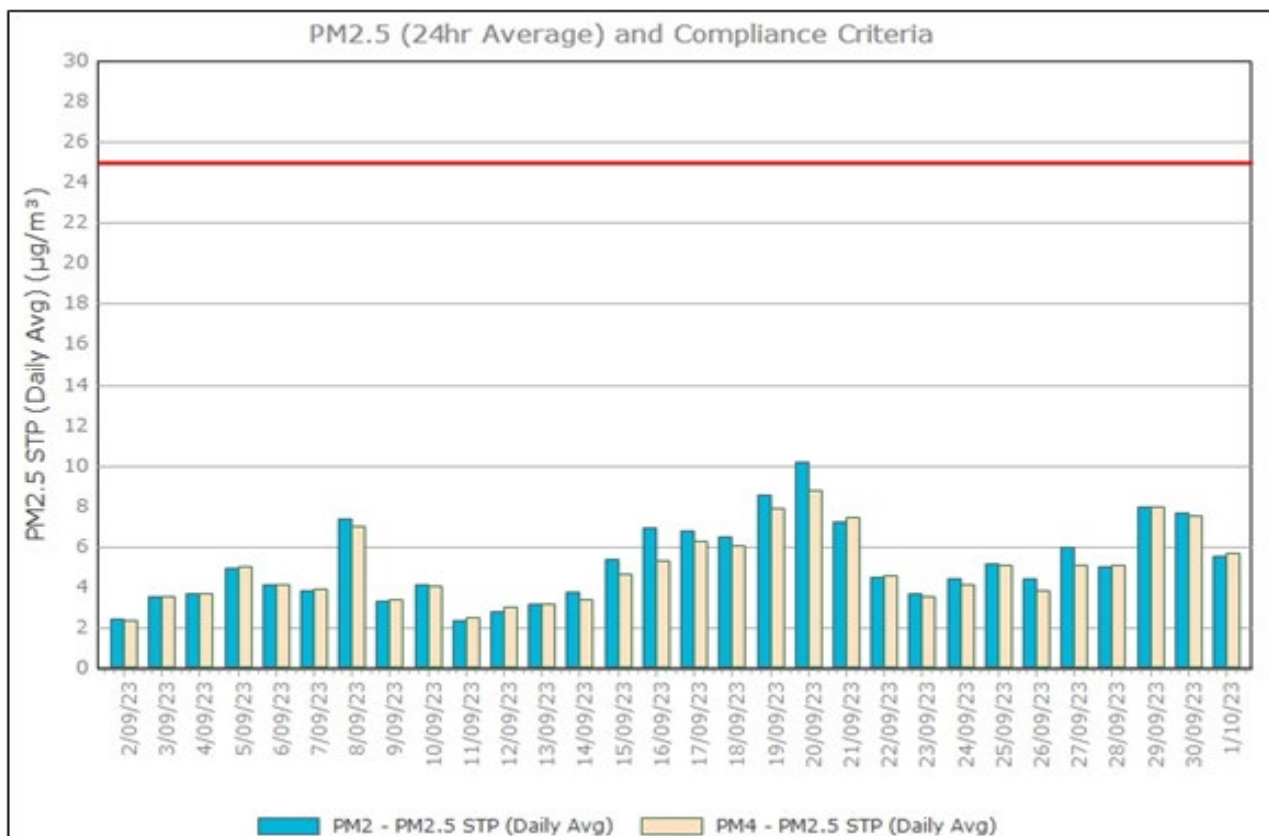
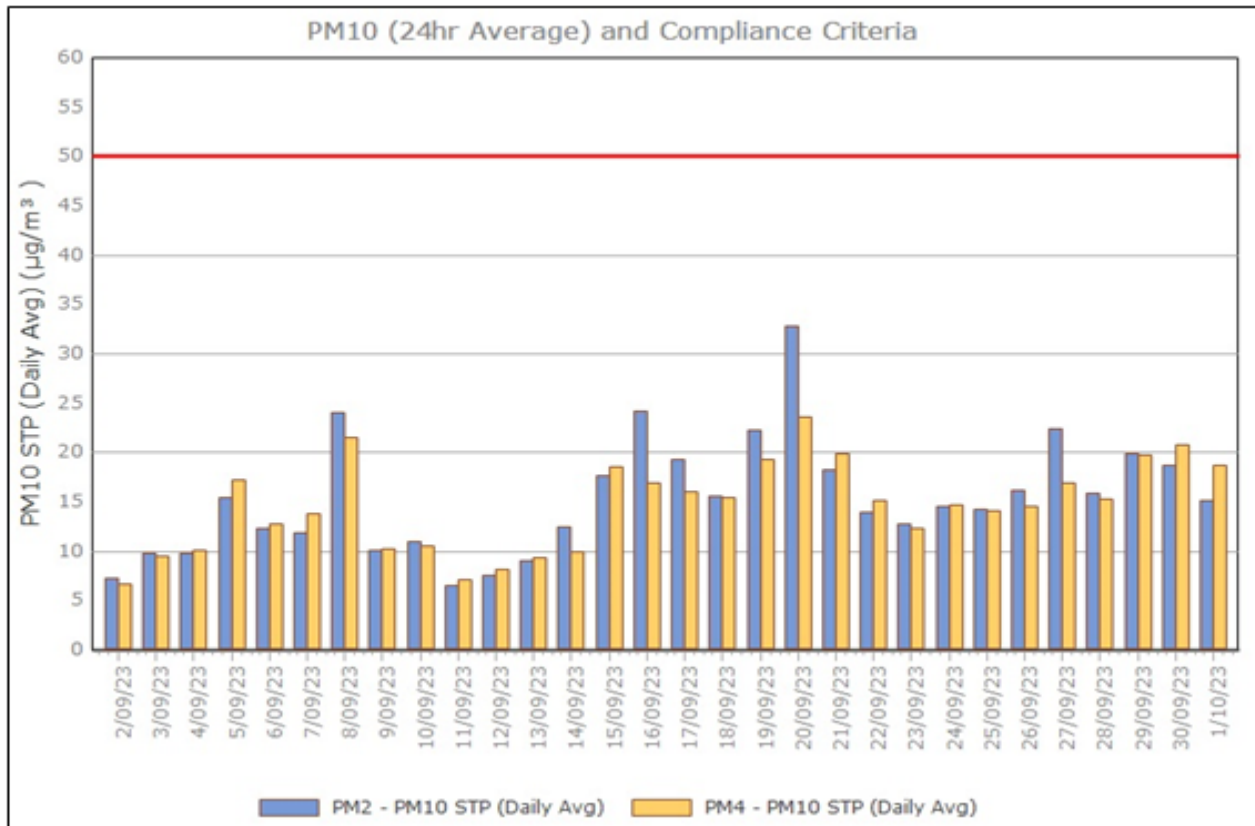
July 2023



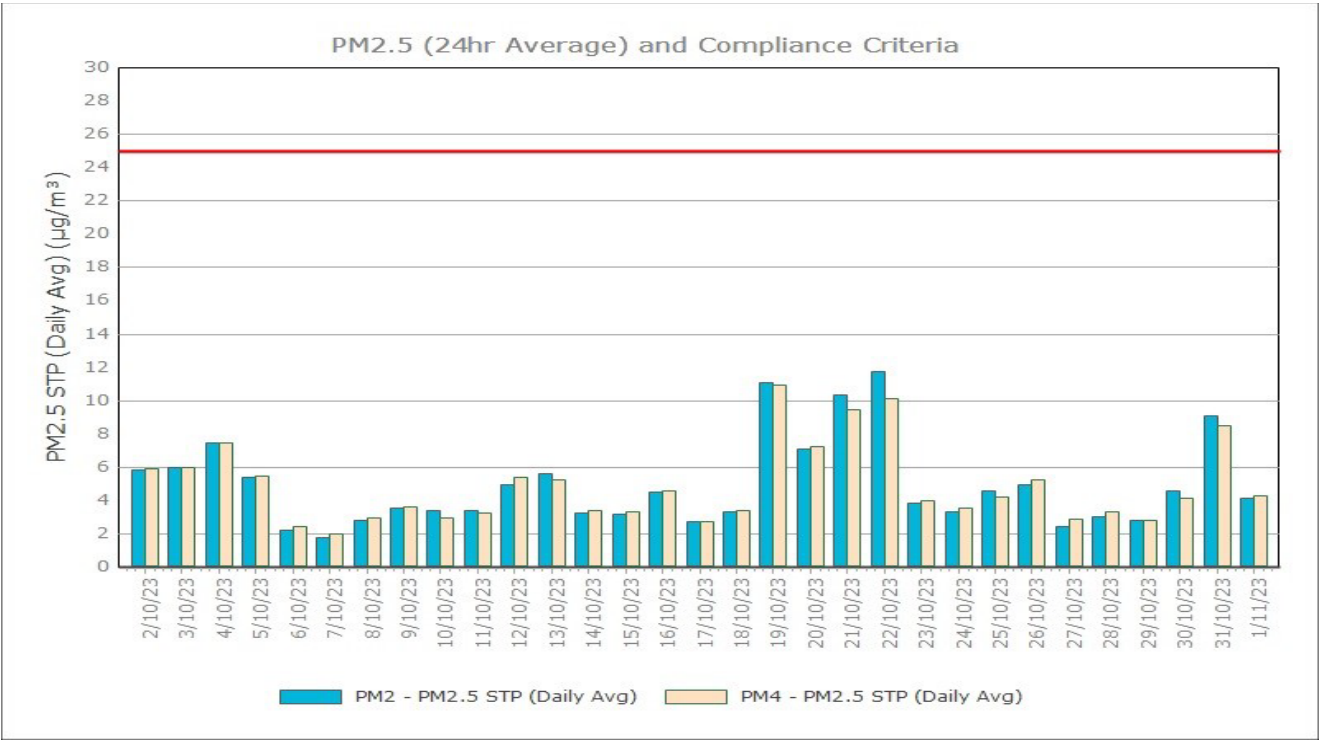
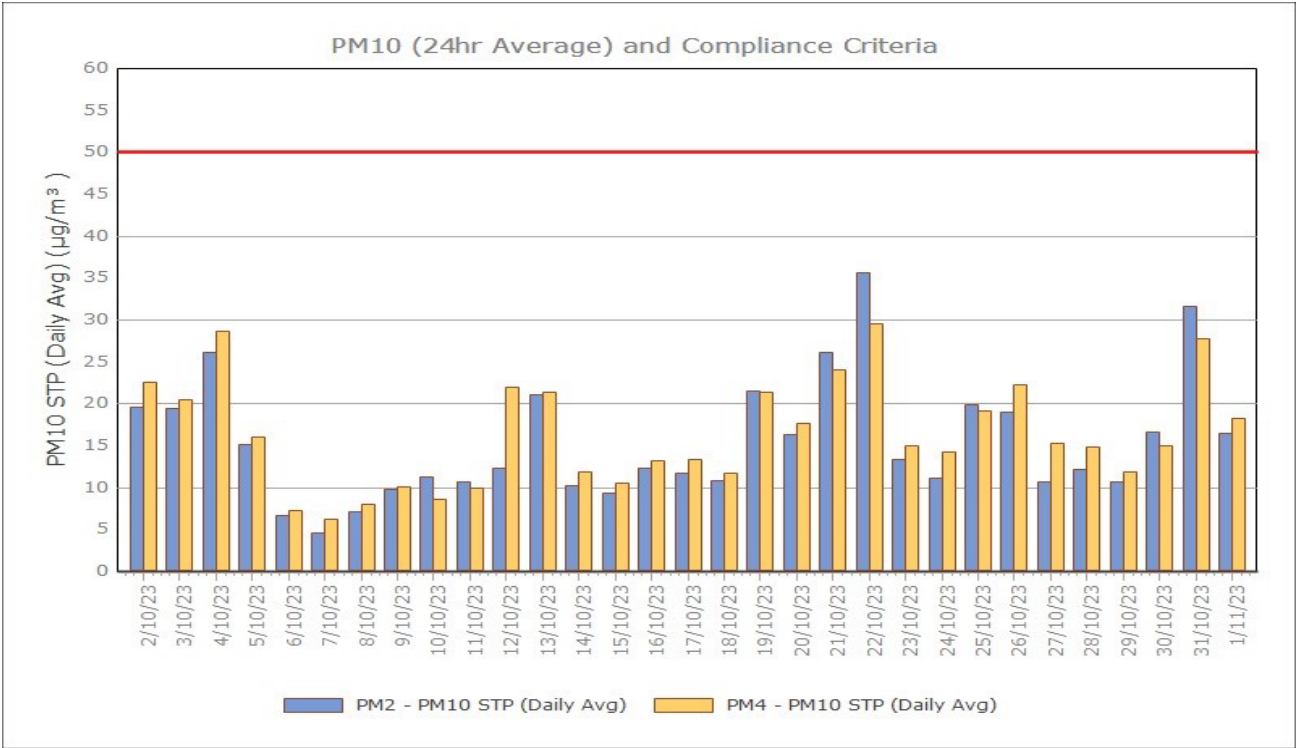
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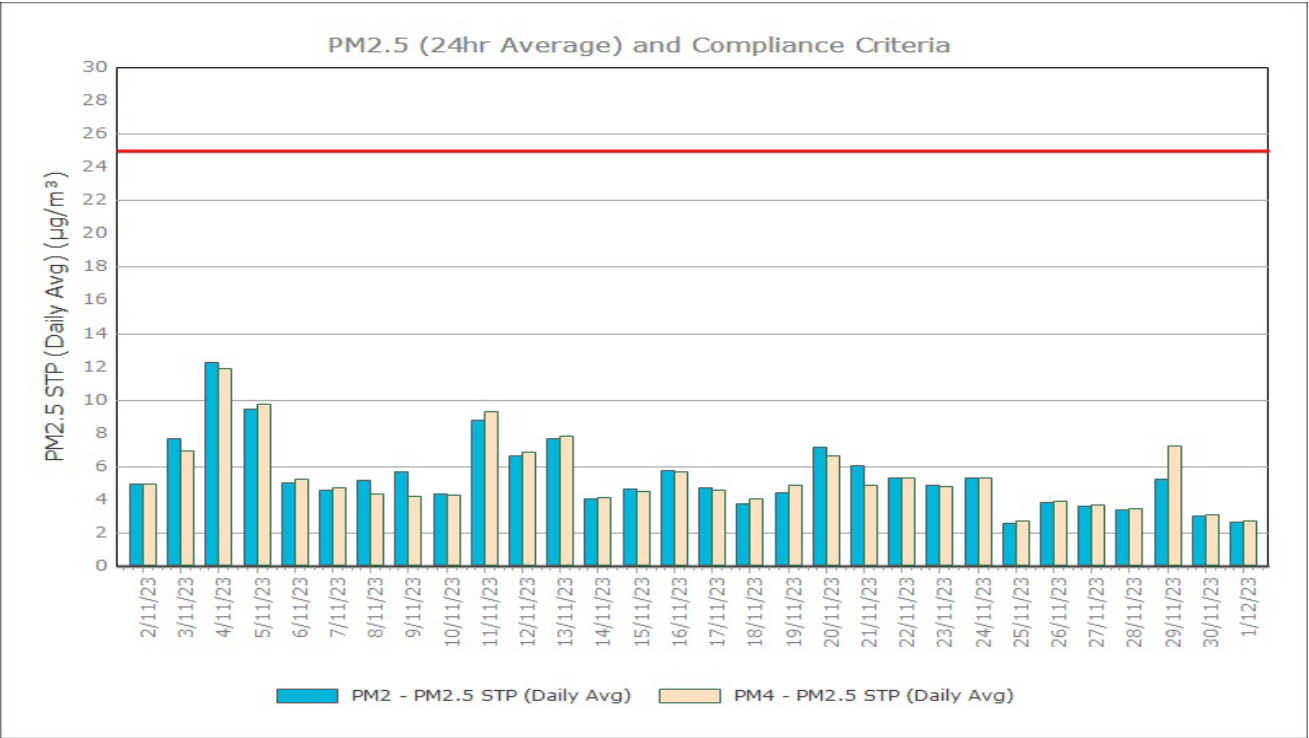
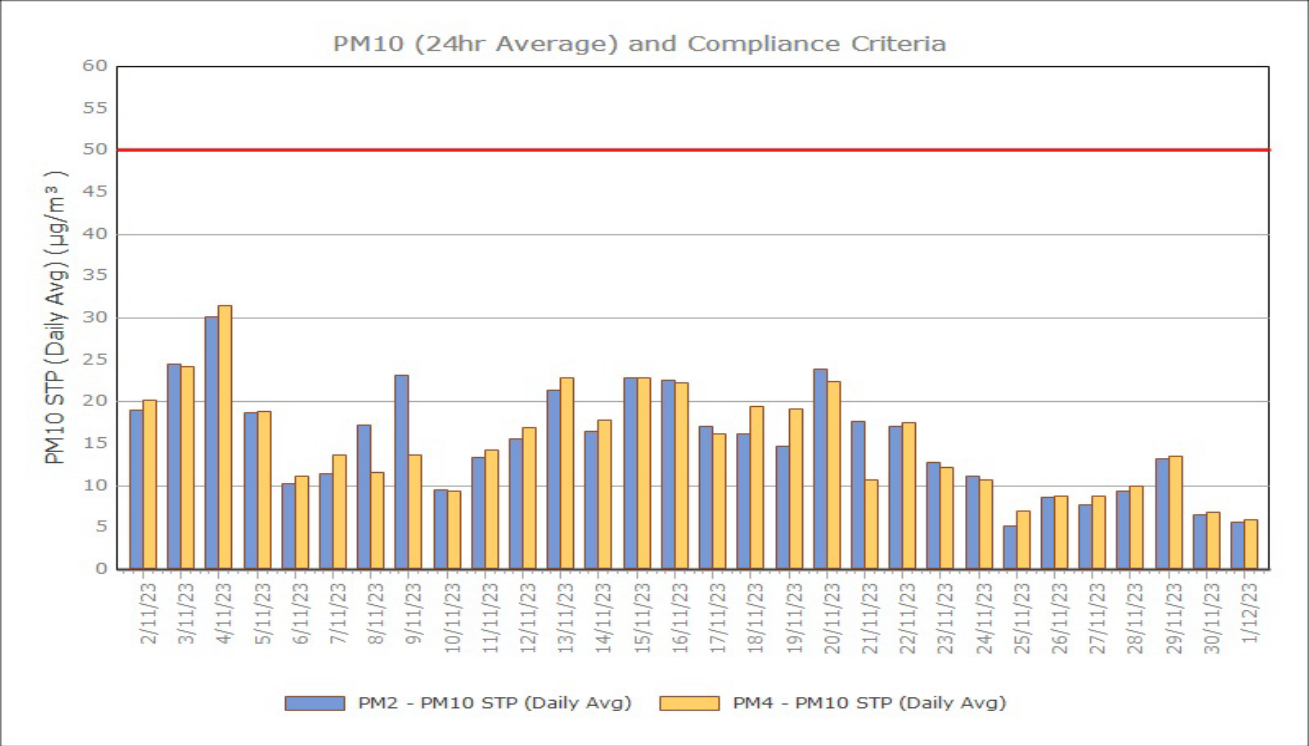
September 2023



October 2023



November 2023



December 2023

