

sunrise
energy metals

2024 ENVIRONMENTAL MONITORING RESULTS

AIR QUALITY

Published Date: 3 March 2025

Premises:
Sunrise Project
Wilmatha Road
Fifield, NSW, 2875

[Environment Protection Licence #21146](#)

Dust Deposition

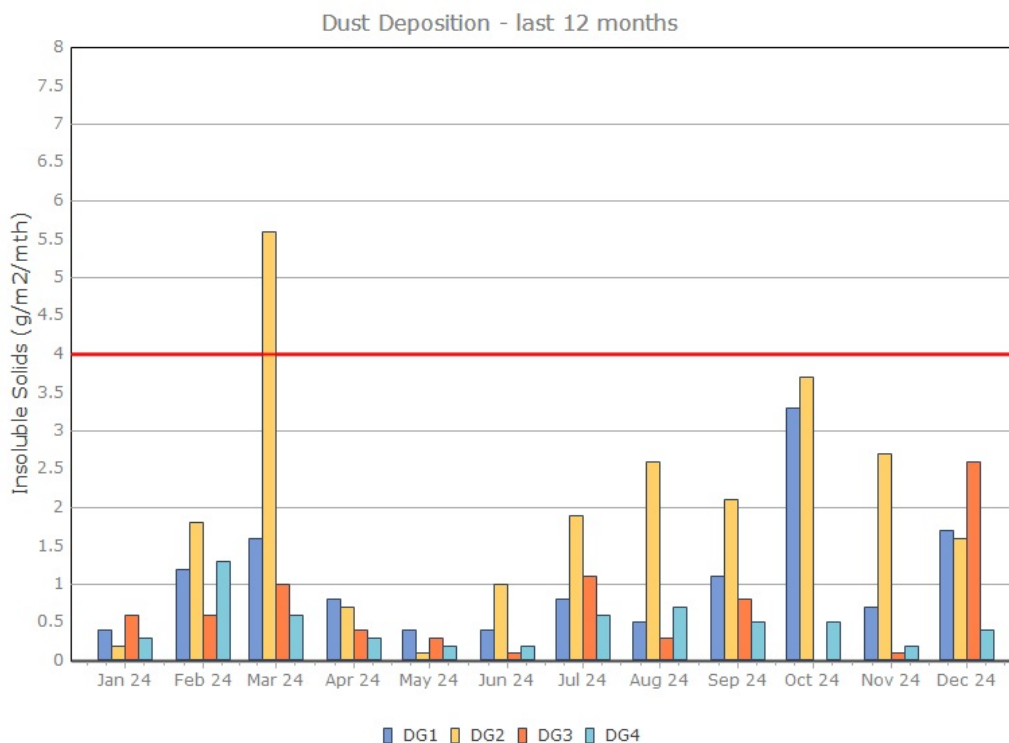
Monitoring Points:

- 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

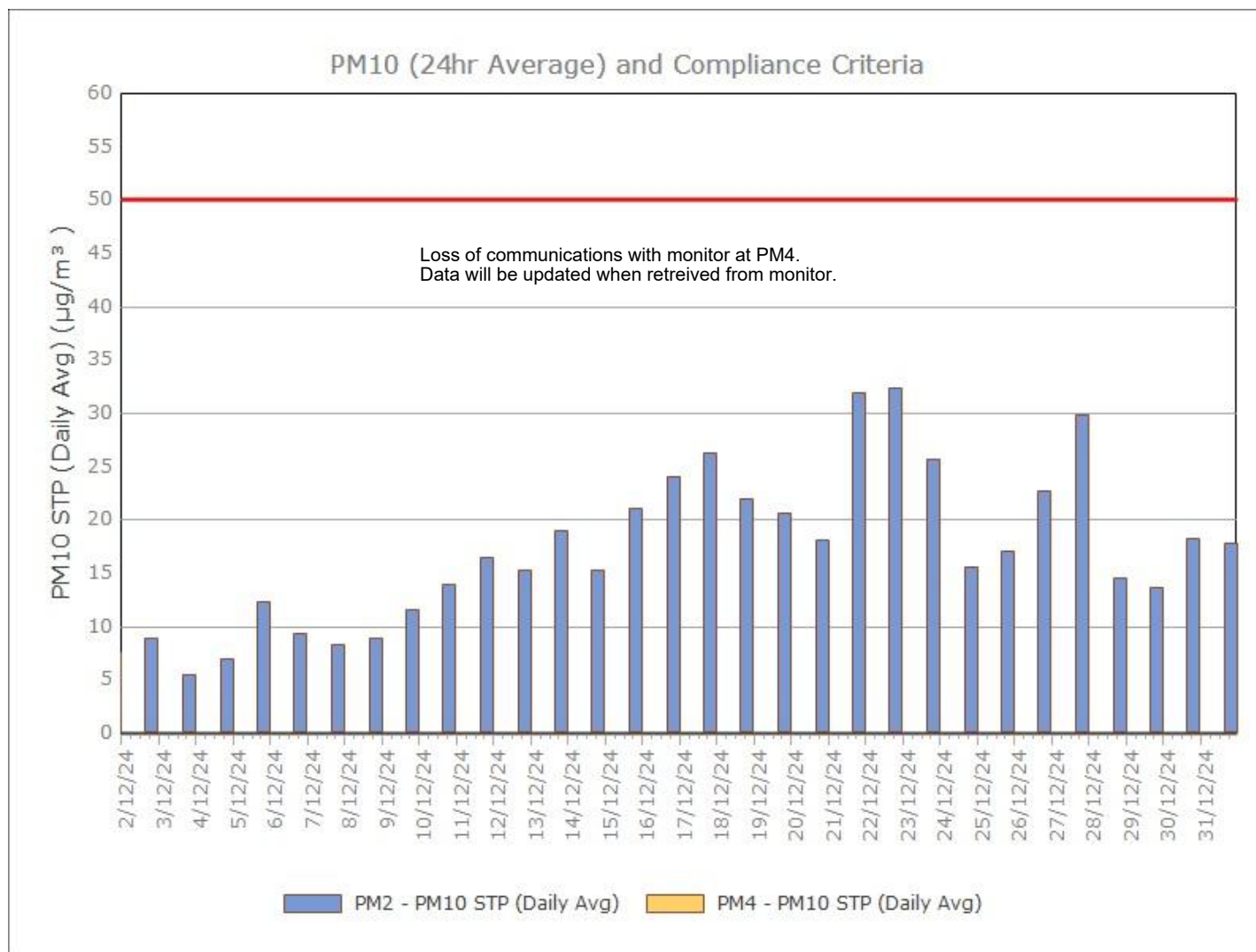
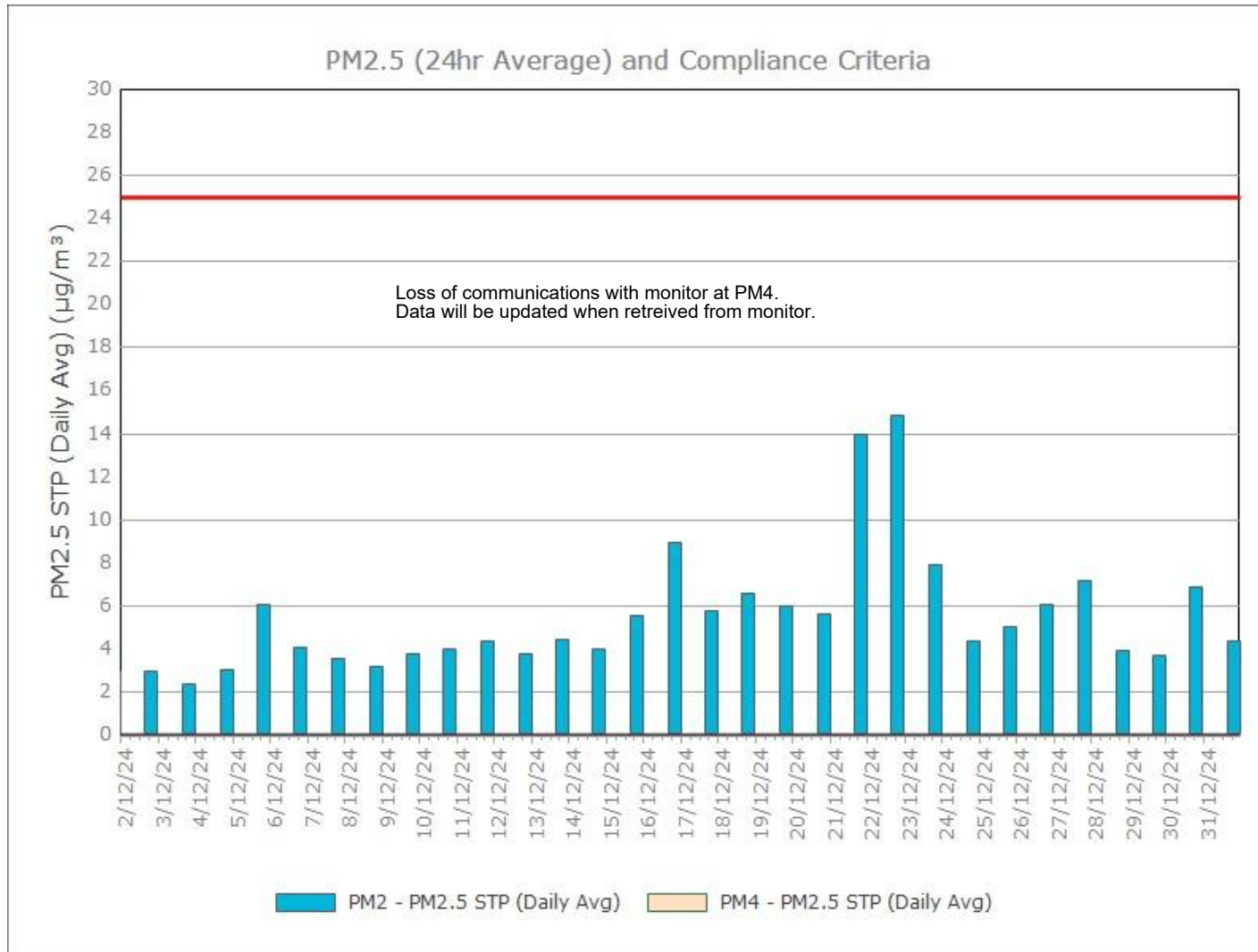


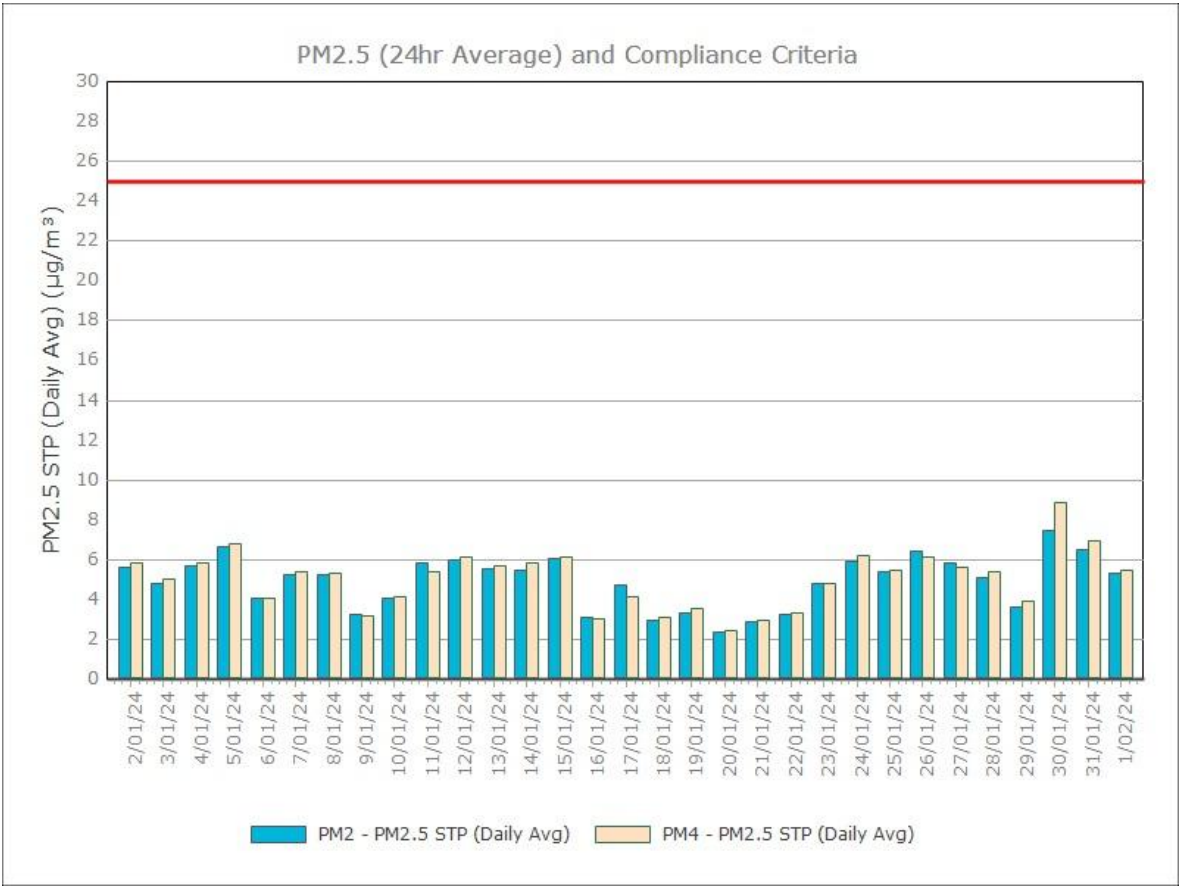
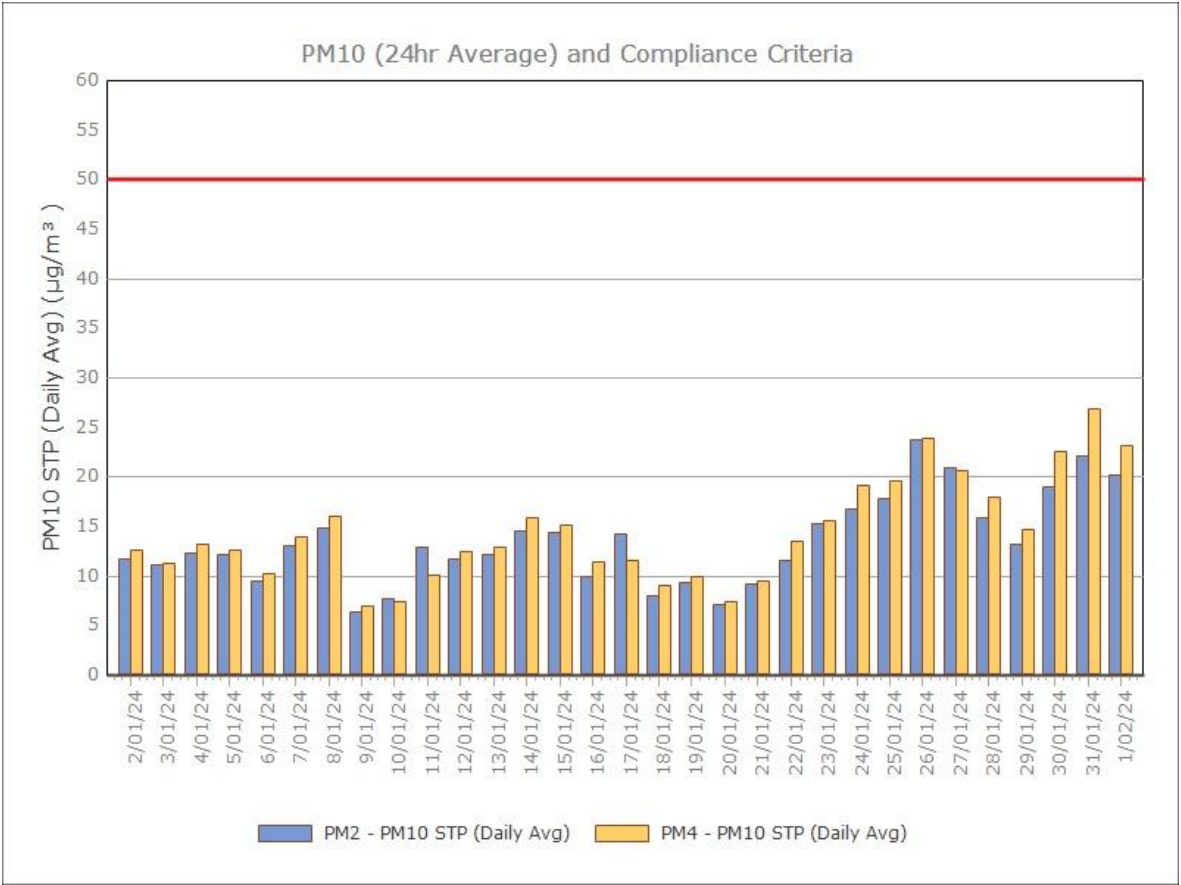
Figure 3. PM2.5 (24 hr Average) with Compliance Criteria – December 2024



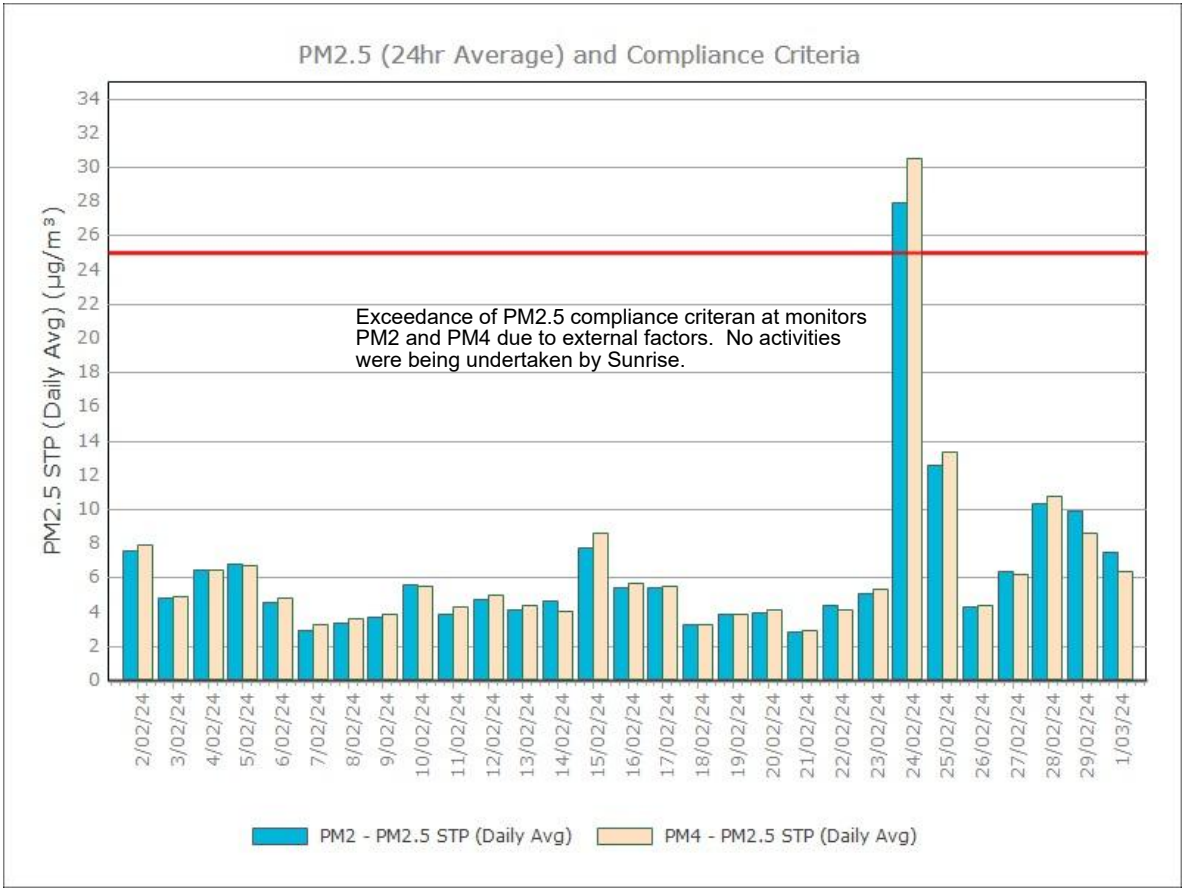
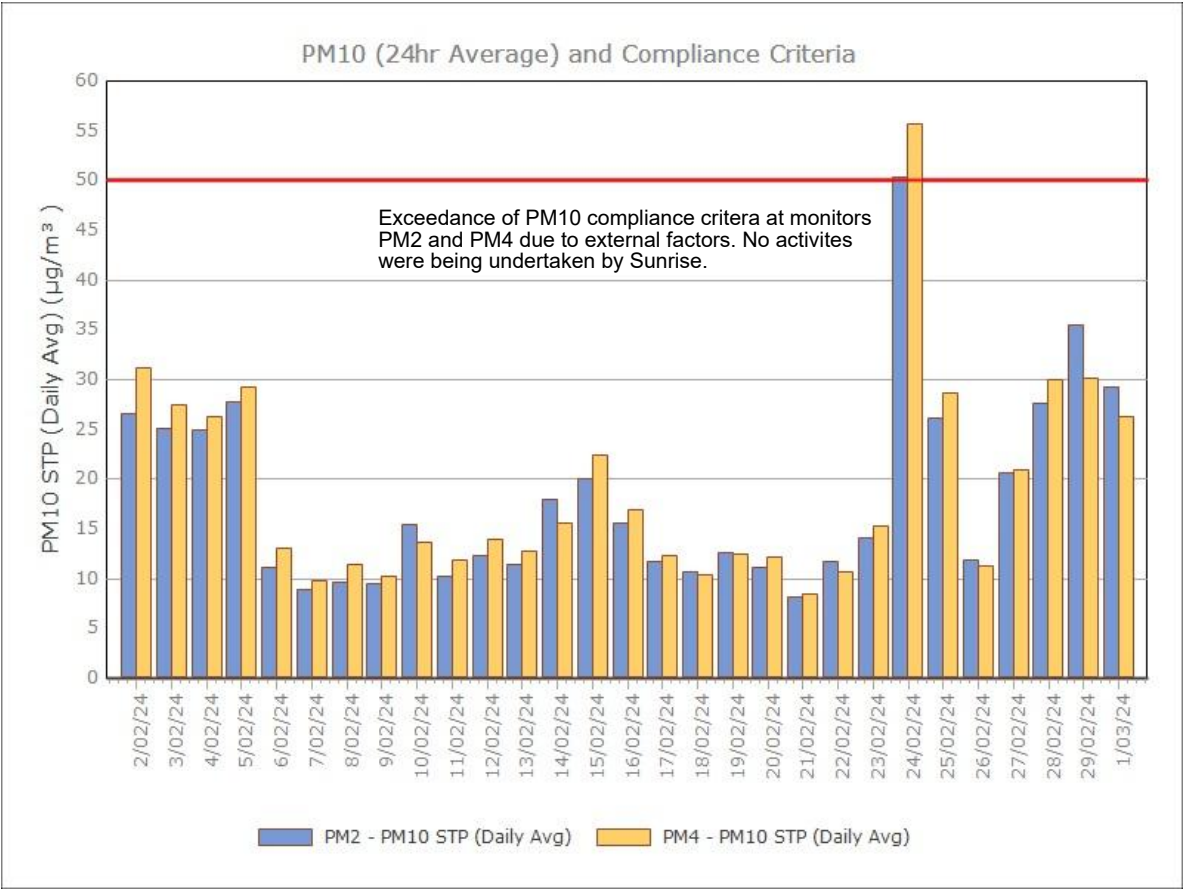
APPENDIX:

MONTHLY GRAPHS

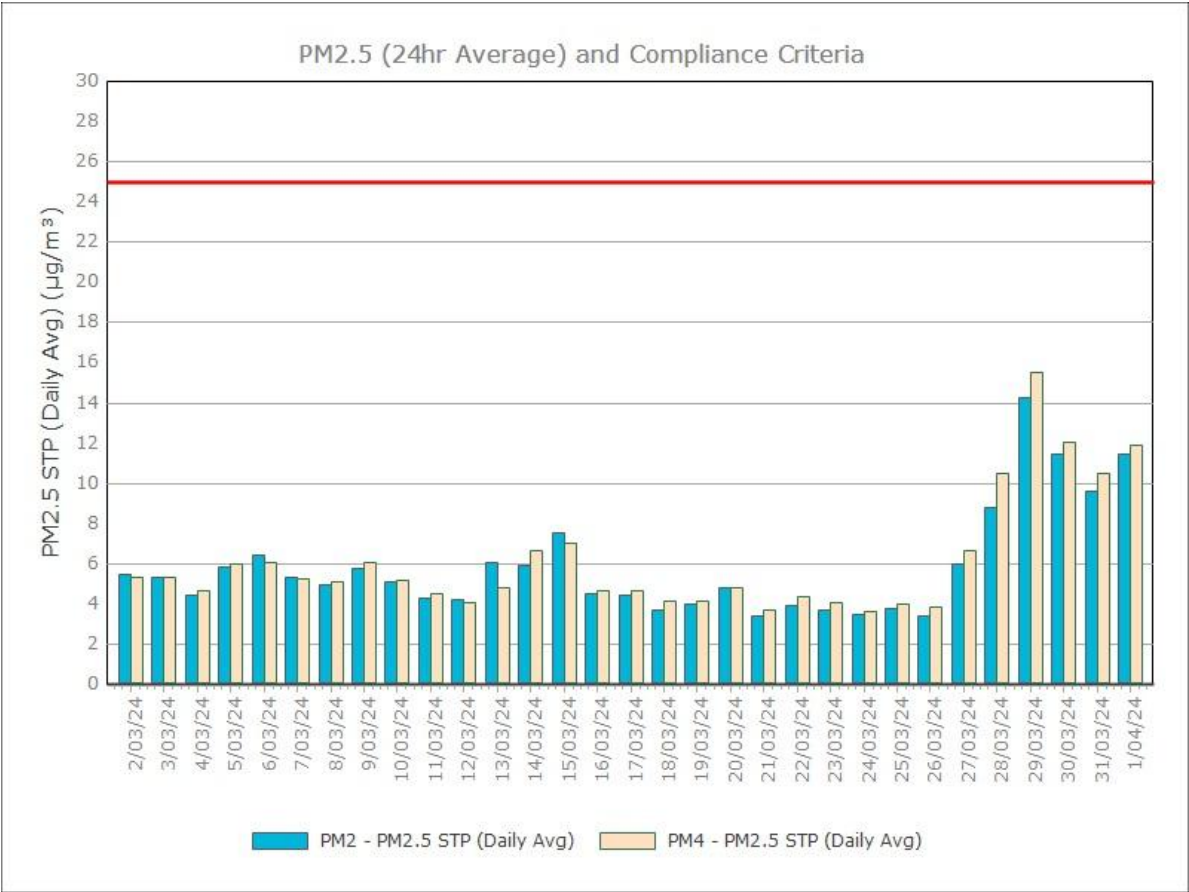
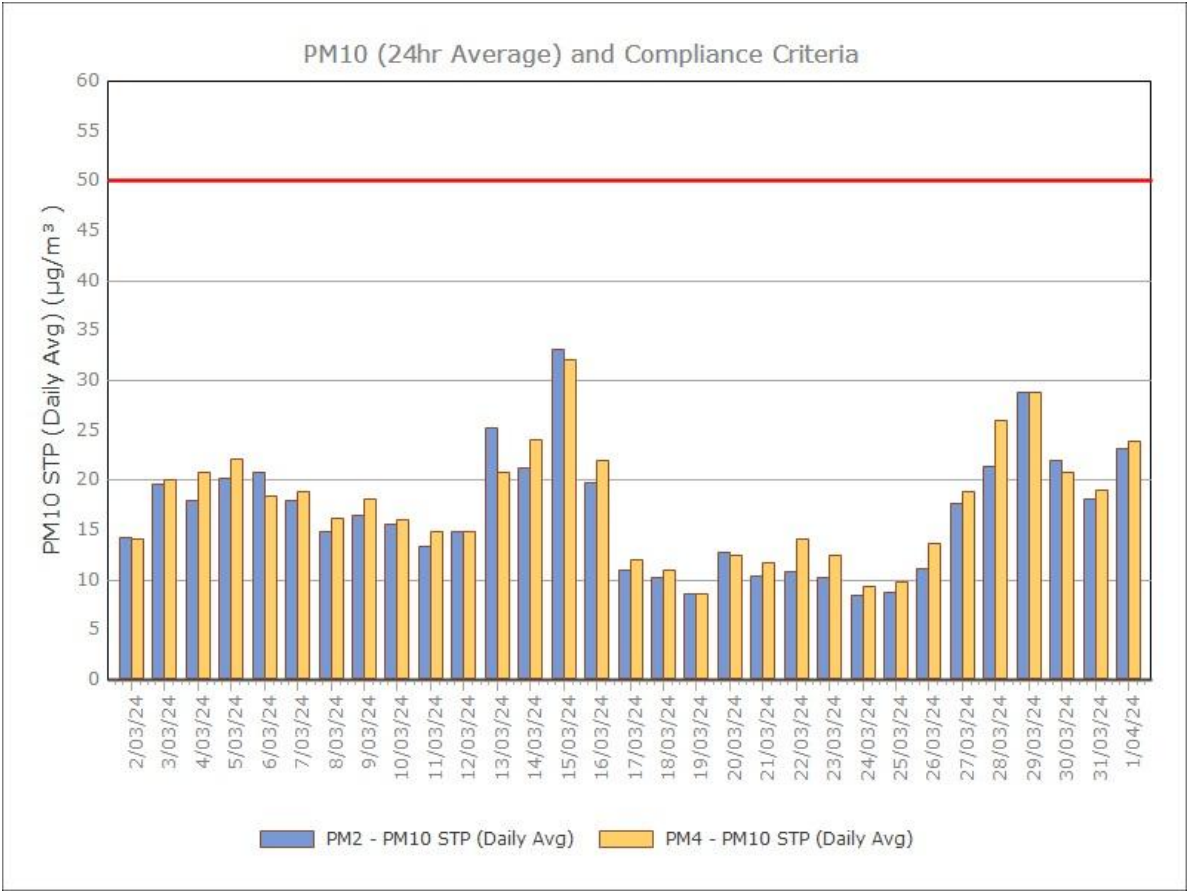
January 2024



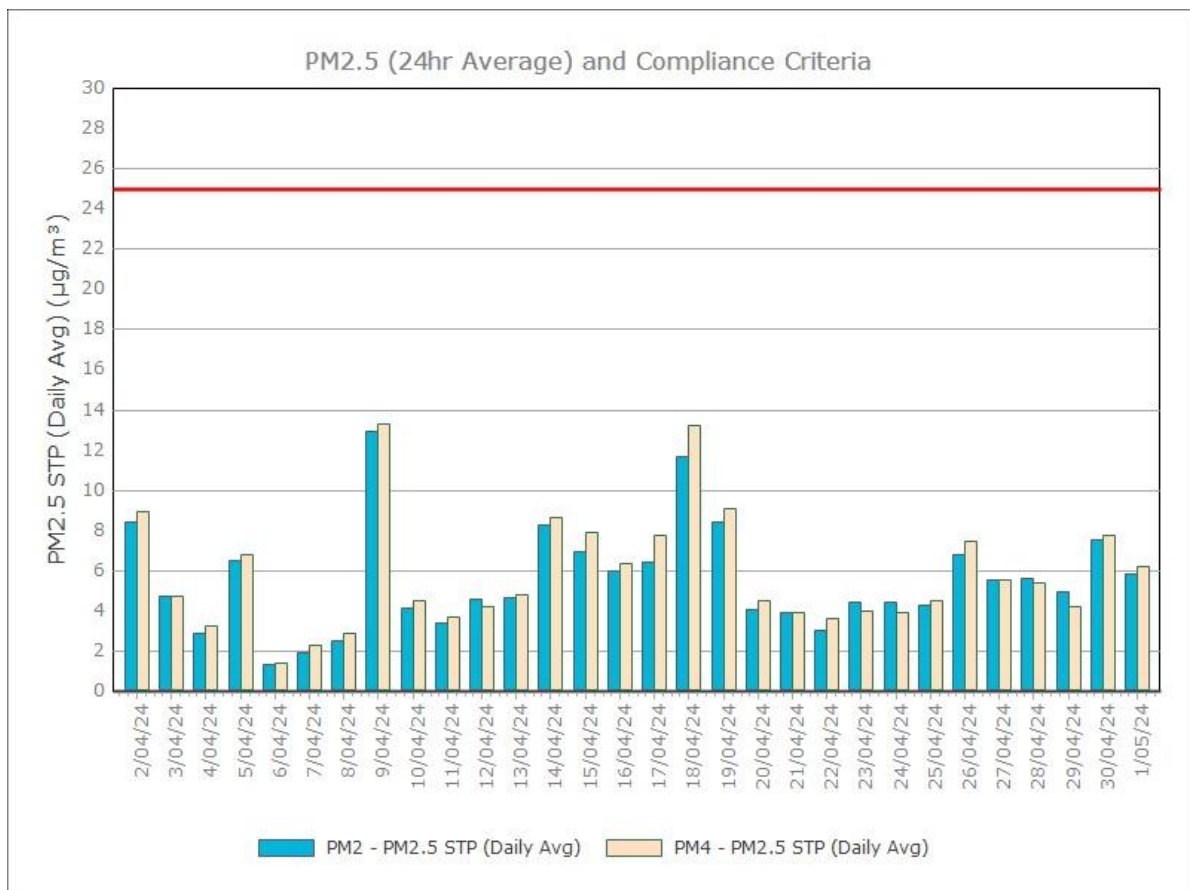
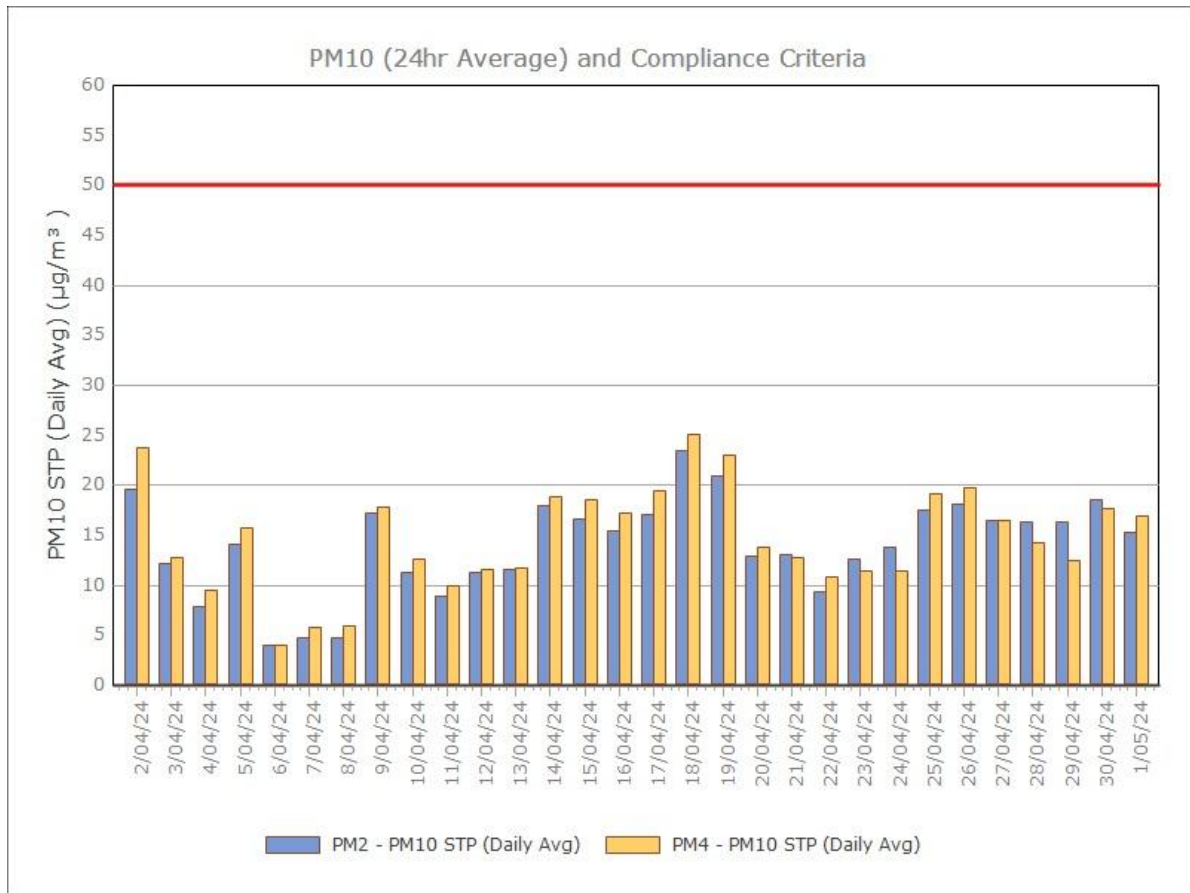
February 2024



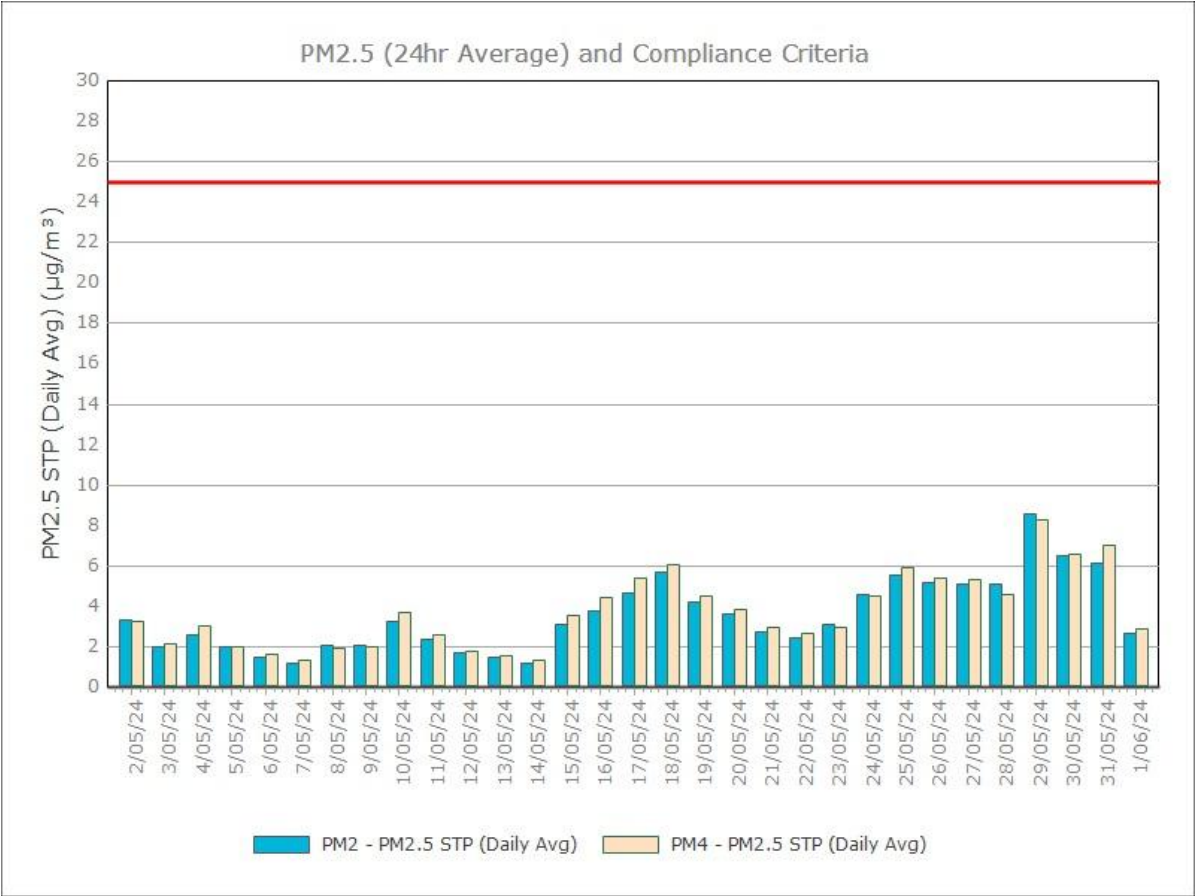
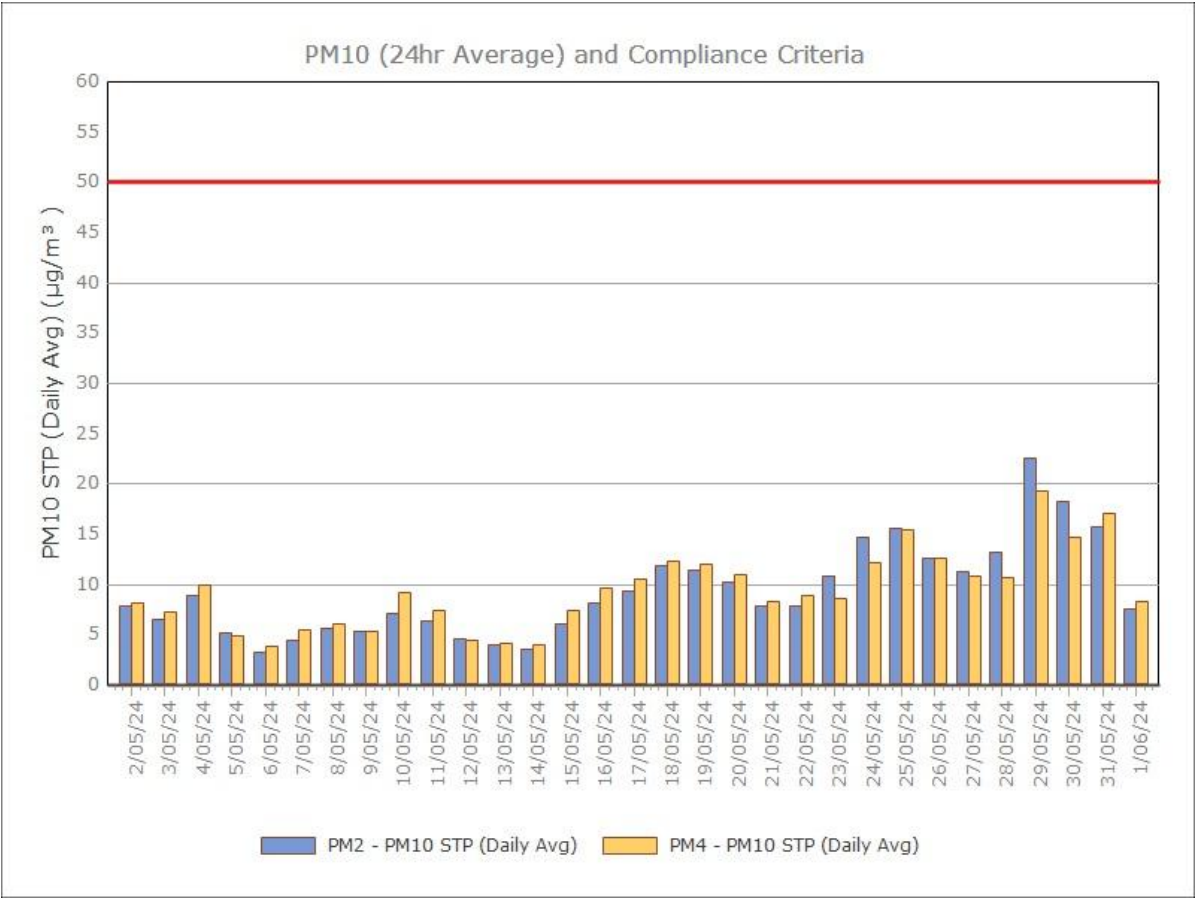
March 2024



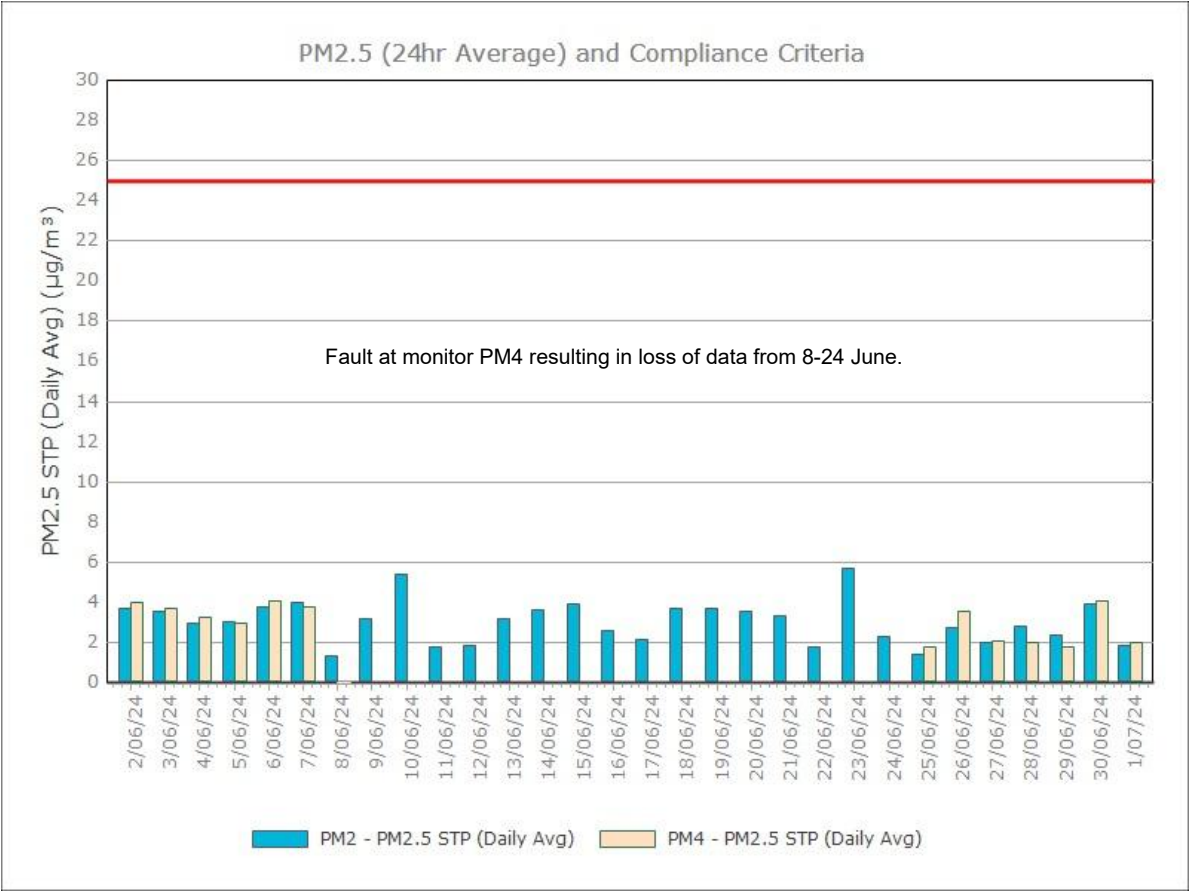
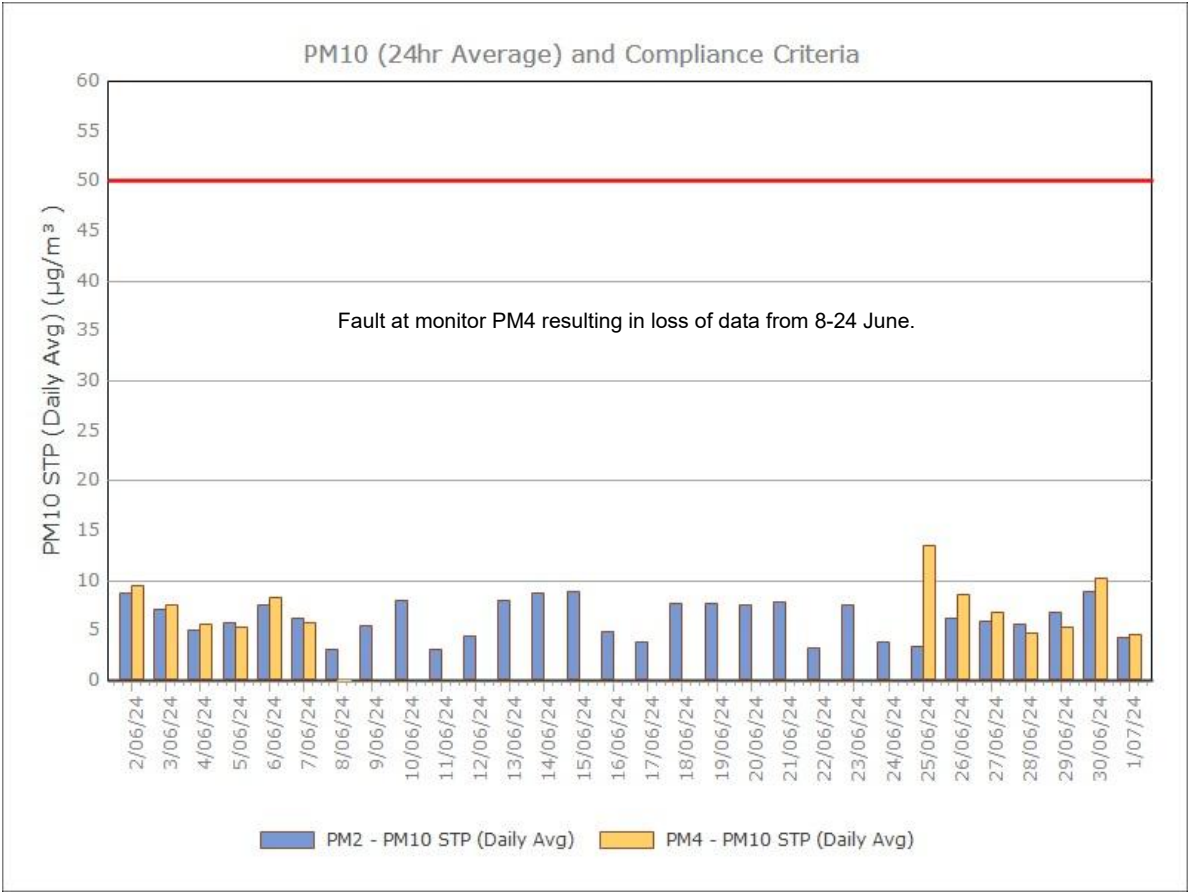
April 2024



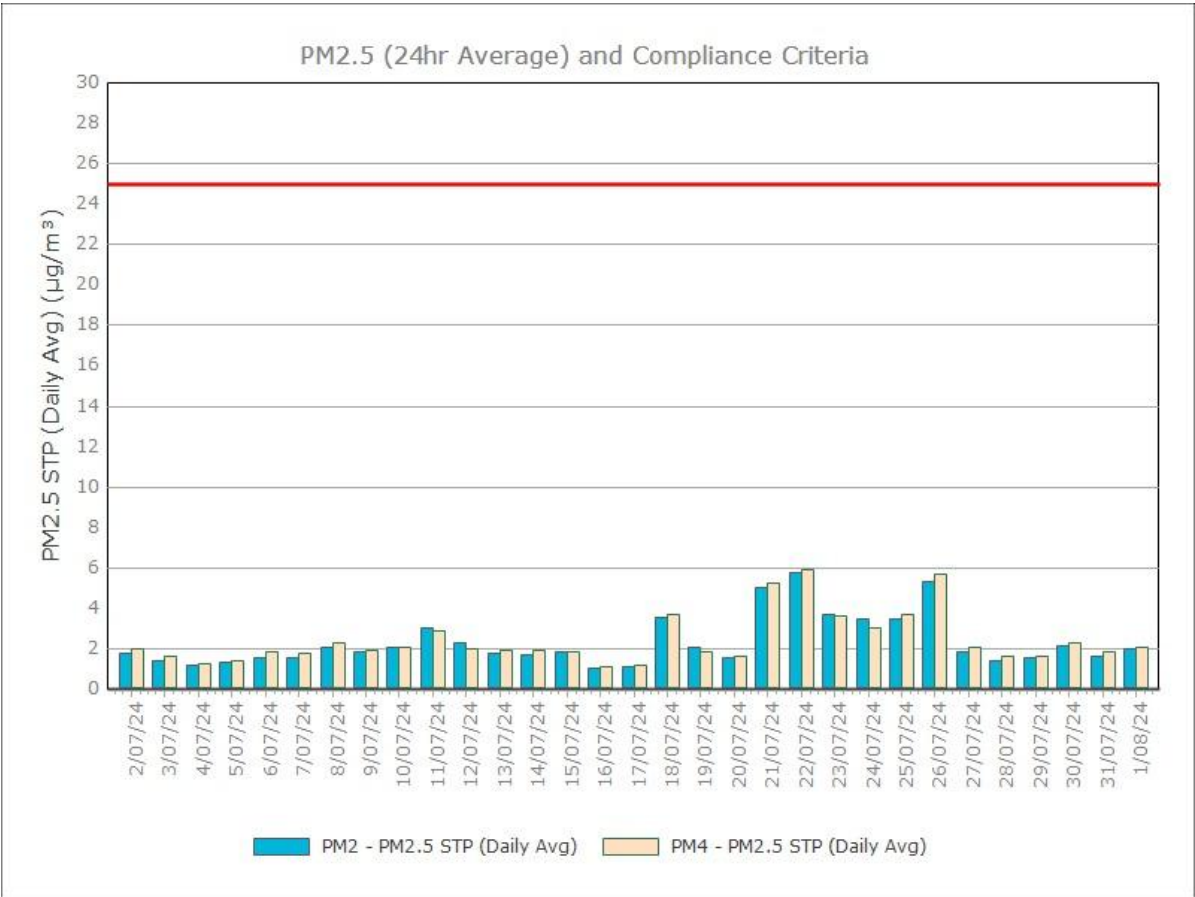
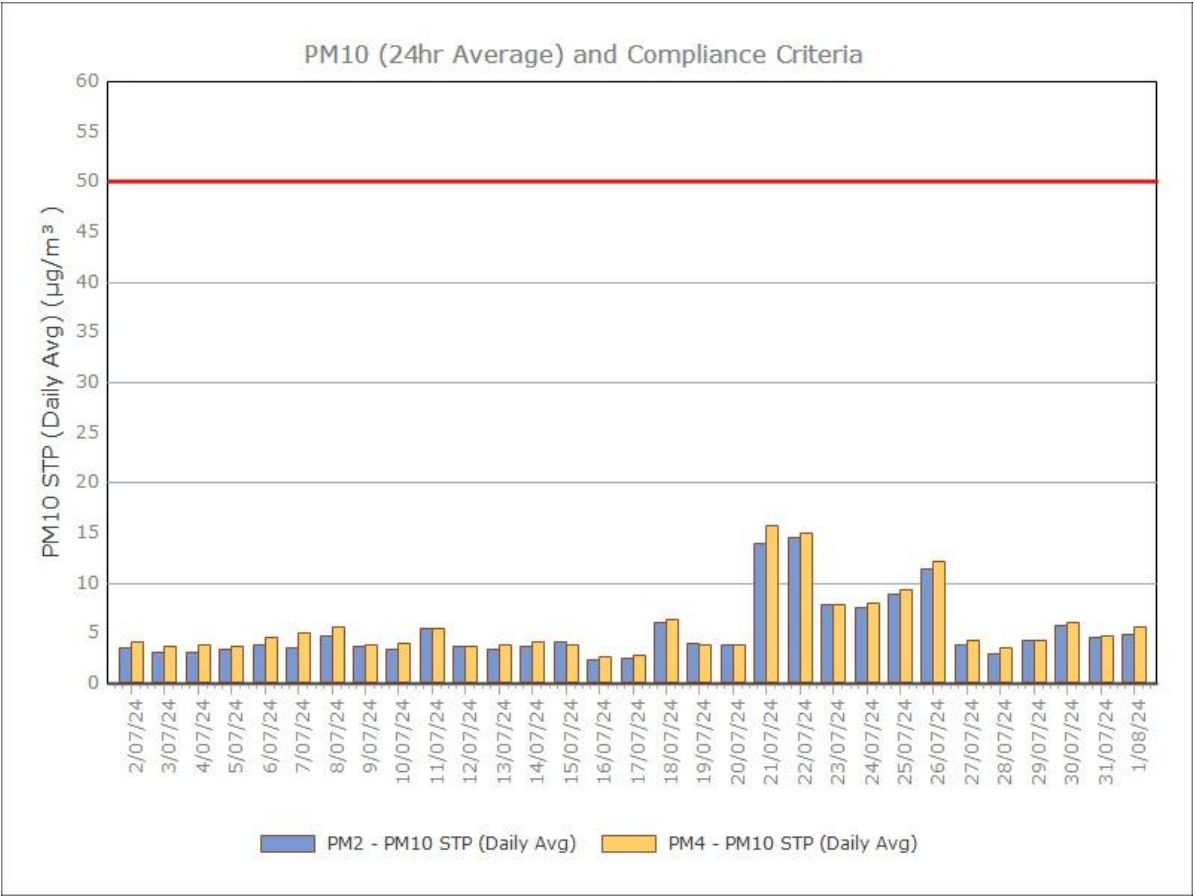
May 2024



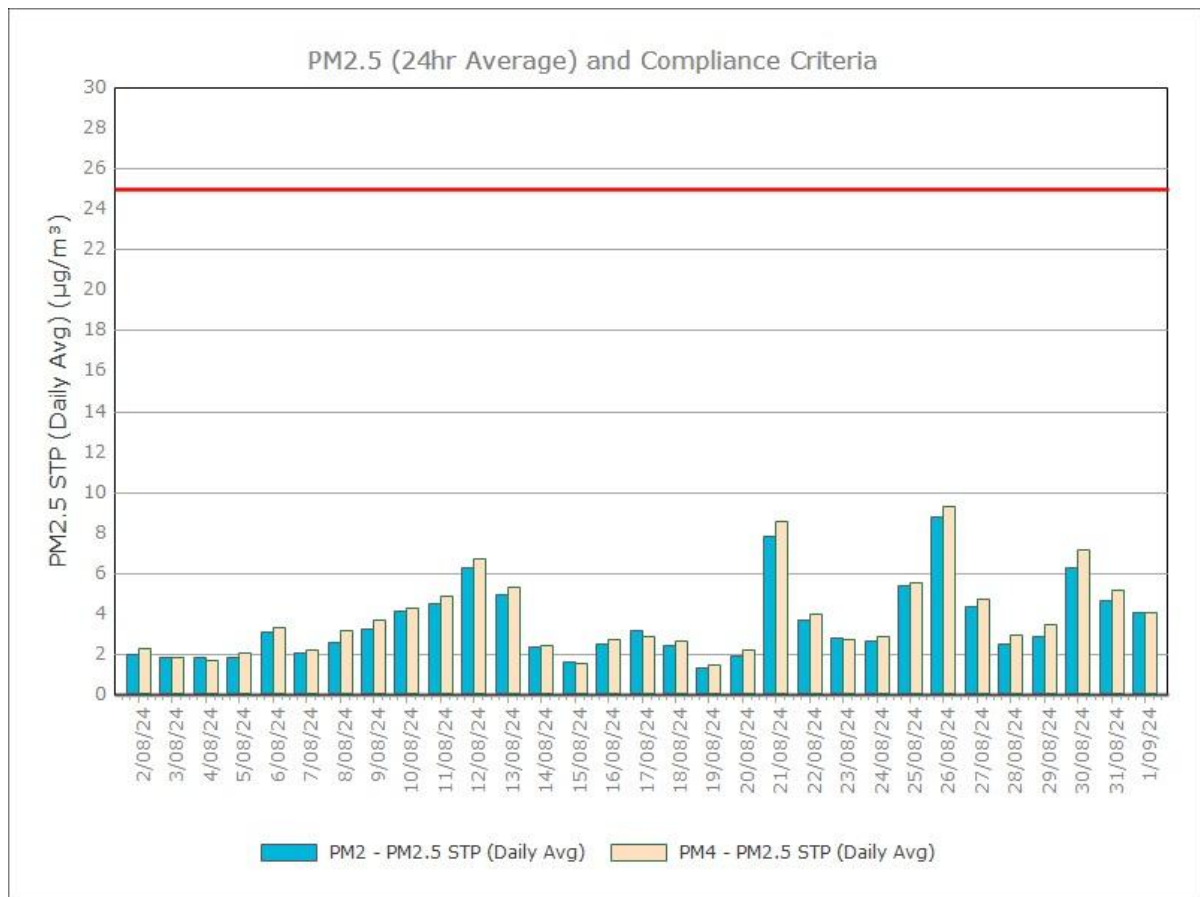
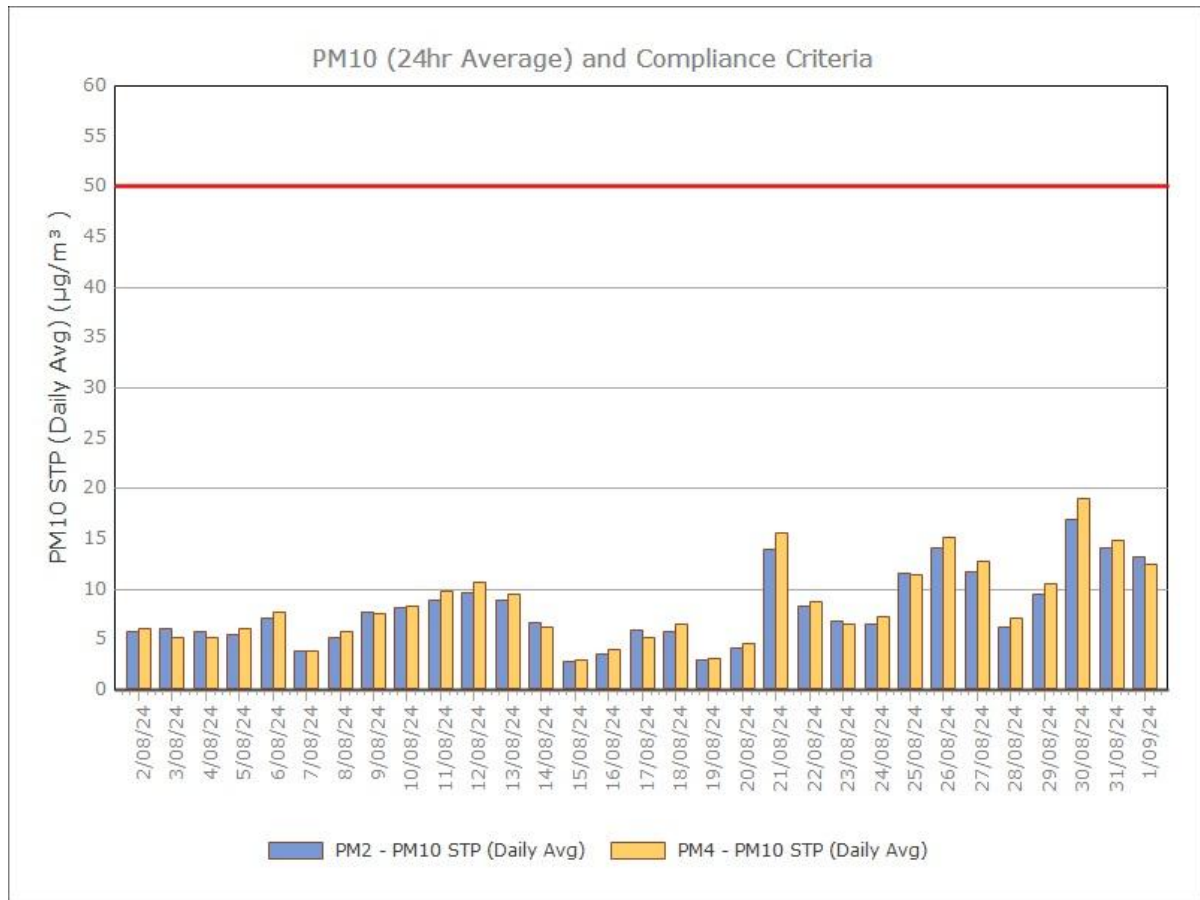
June 2024



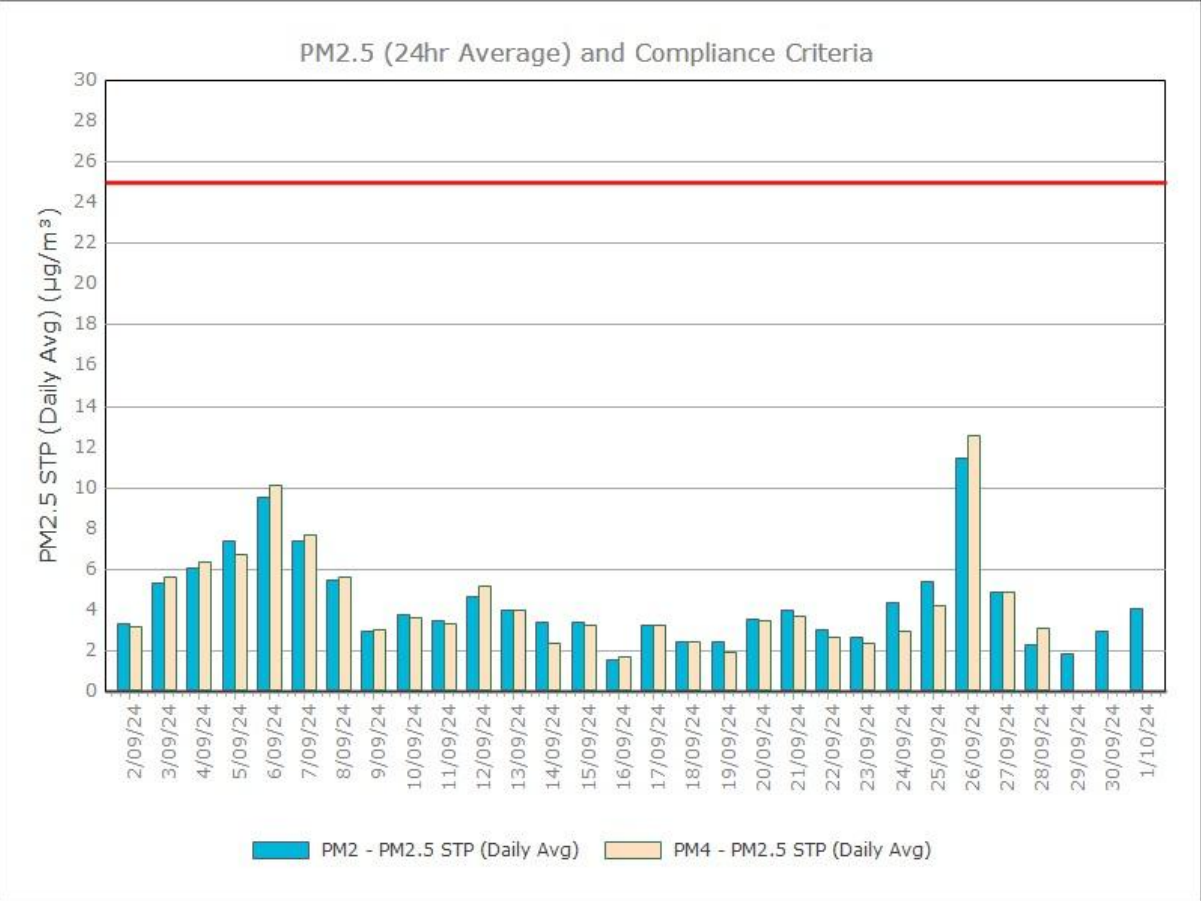
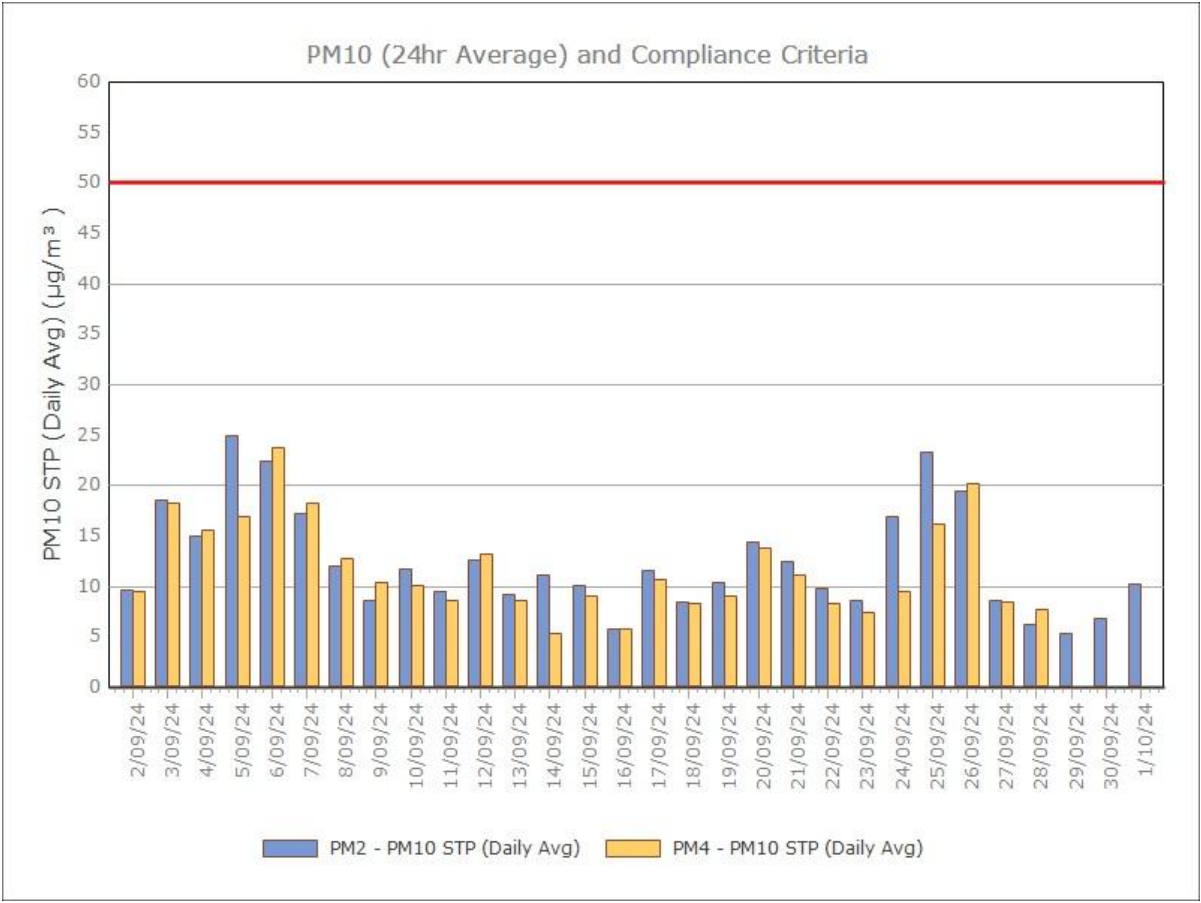
July 2024



August 2024

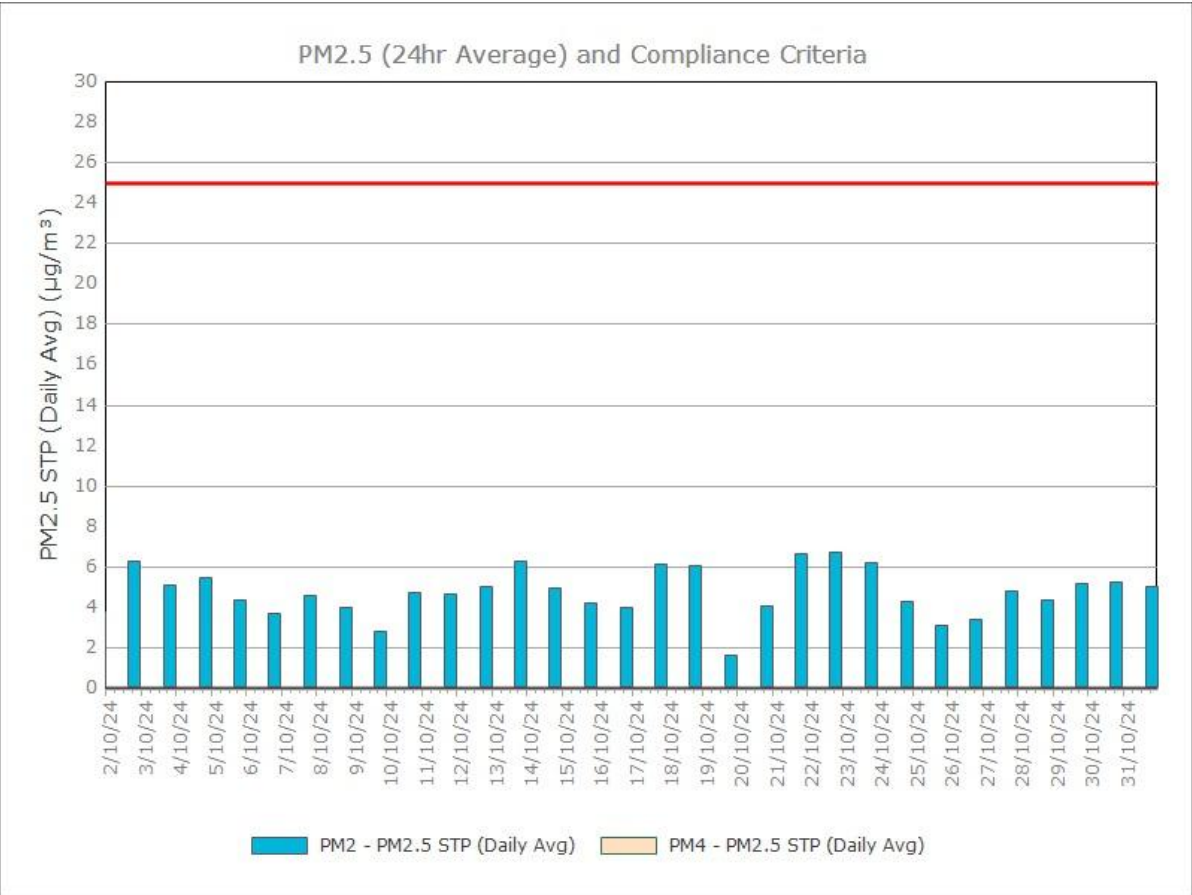
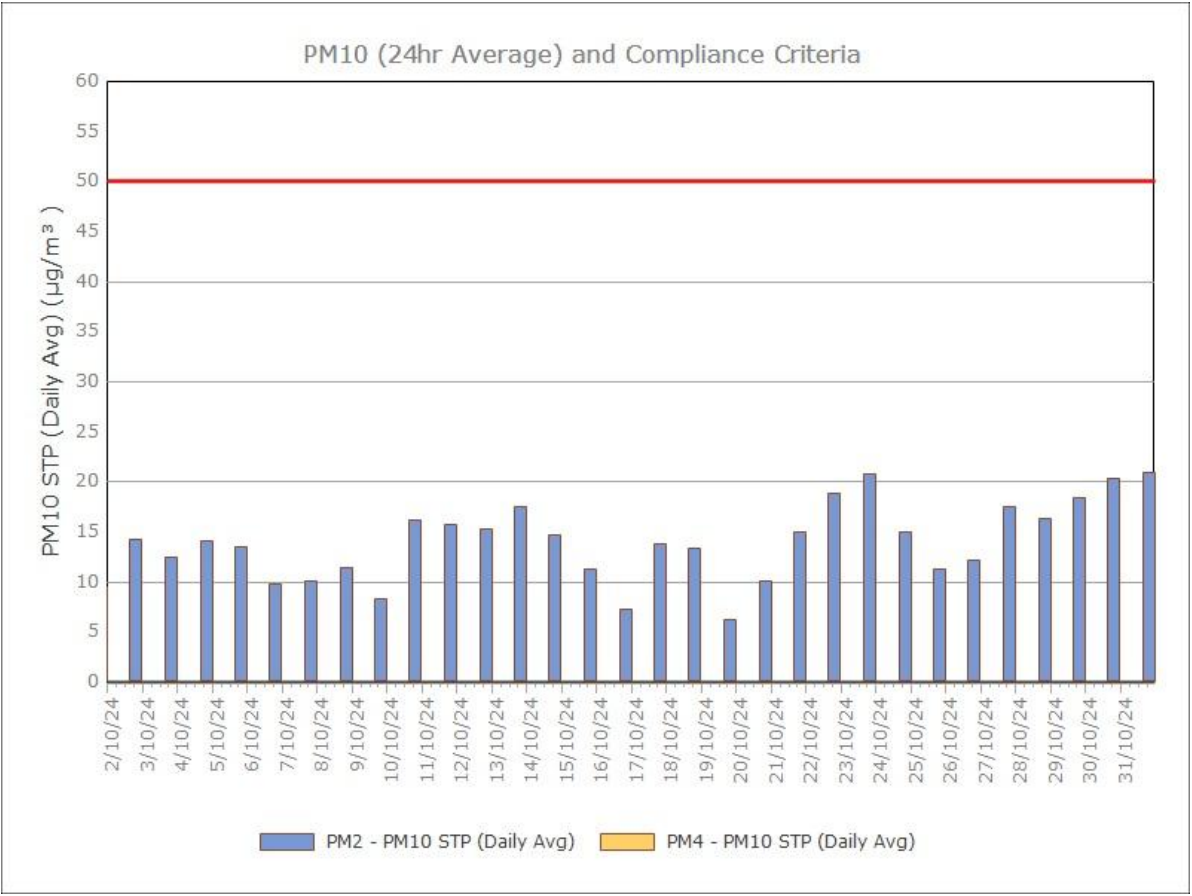


September 2024



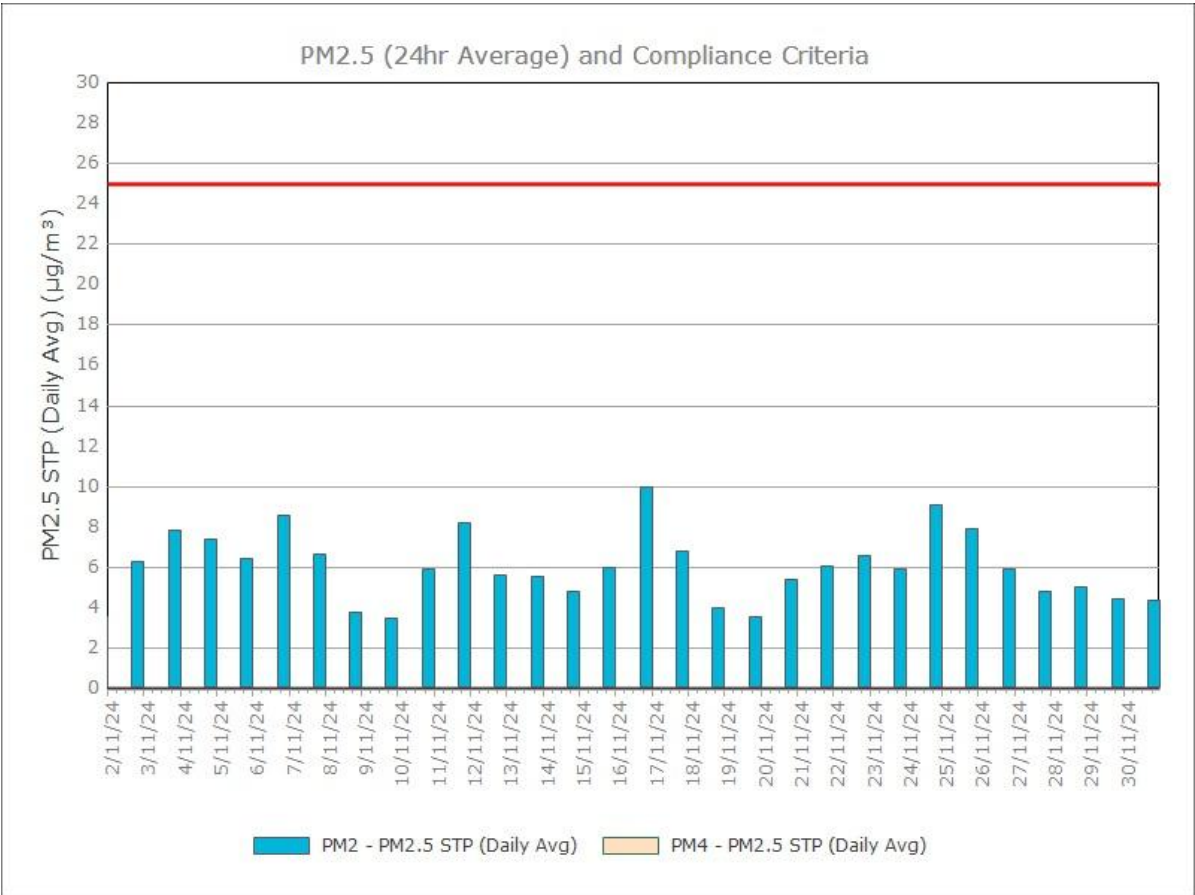
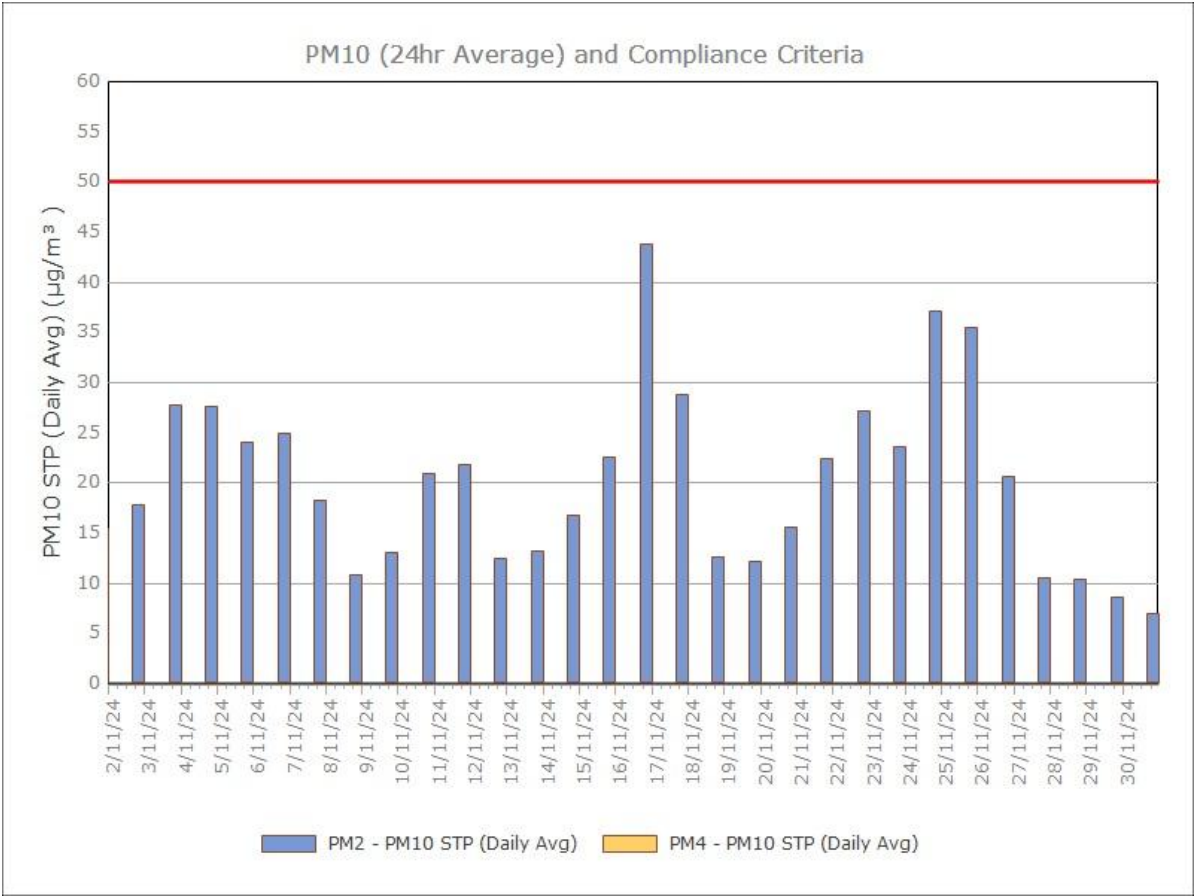
Note loss of communications with monitor at PM4, data is stored on the monitor

October 2024



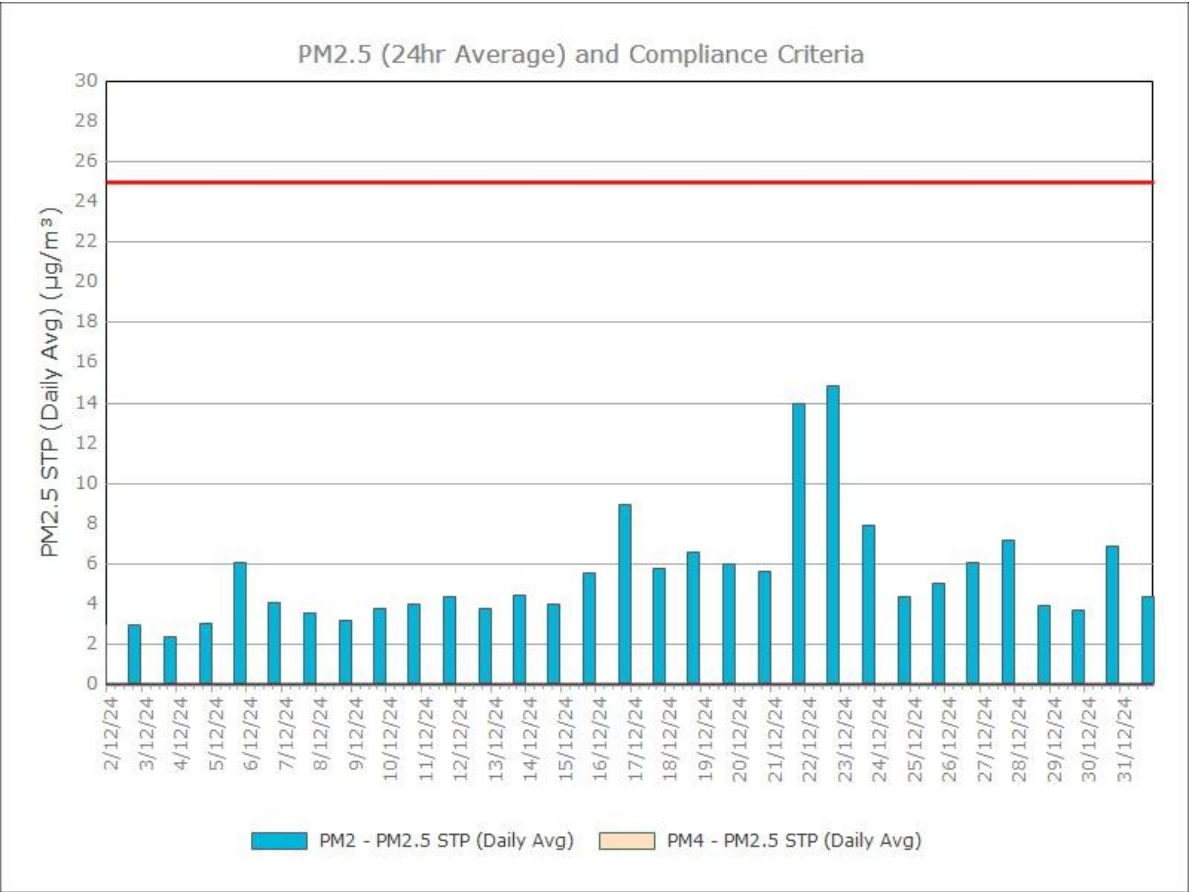
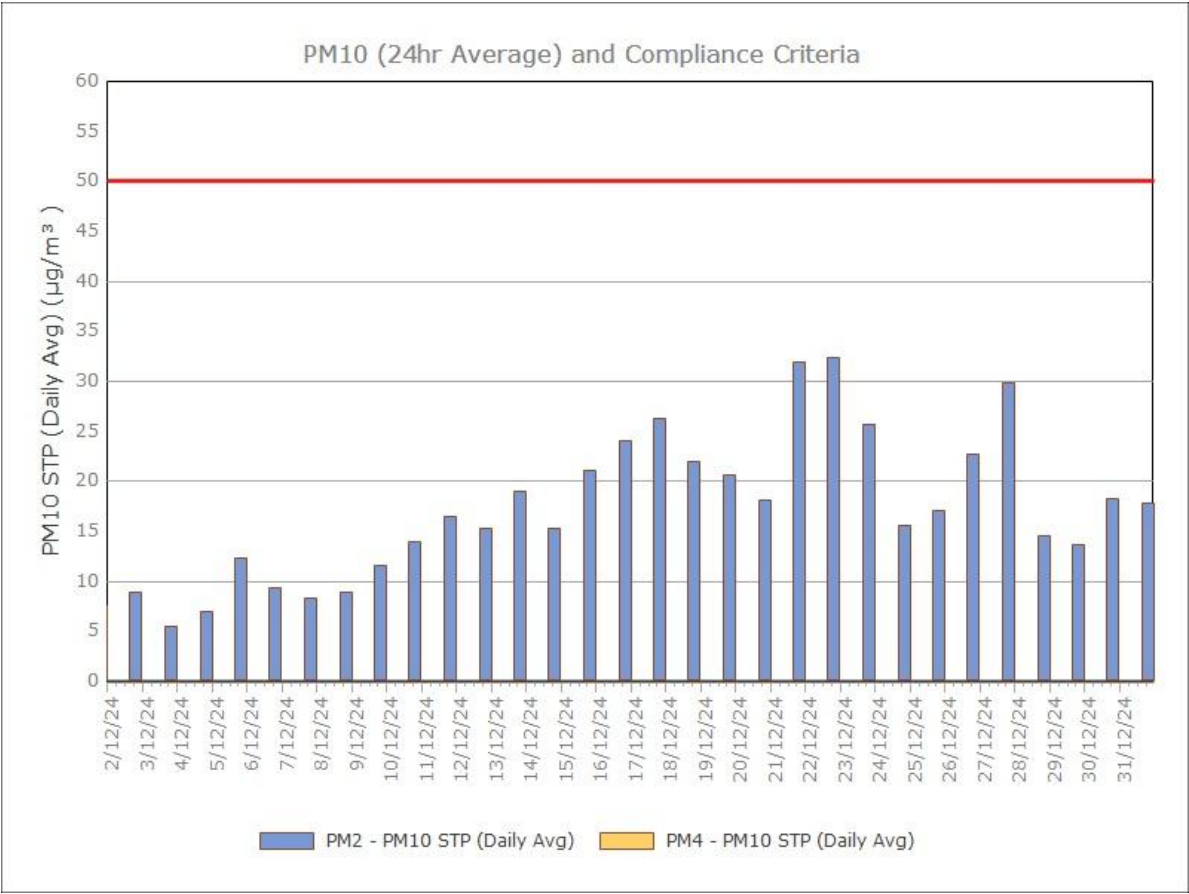
Note loss of communications with monitor at PM4, data is stored on the monitor

November 2024



Note loss of communications with monitor at PM4, data is stored on the monitor

December 2024



Note loss of communications with monitor at PM4, data is stored on the monitor