

sunrise
energy metals

2022 ENVIRONMENTAL MONITORING RESULTS

AIR QUALITY - NOVEMBER

Published Date: 16 January 2023

Premises:
Sunrise Project
Wilmatha Road
Fifield, NSW, 2875

[Environment Protection Licence #21146](#)

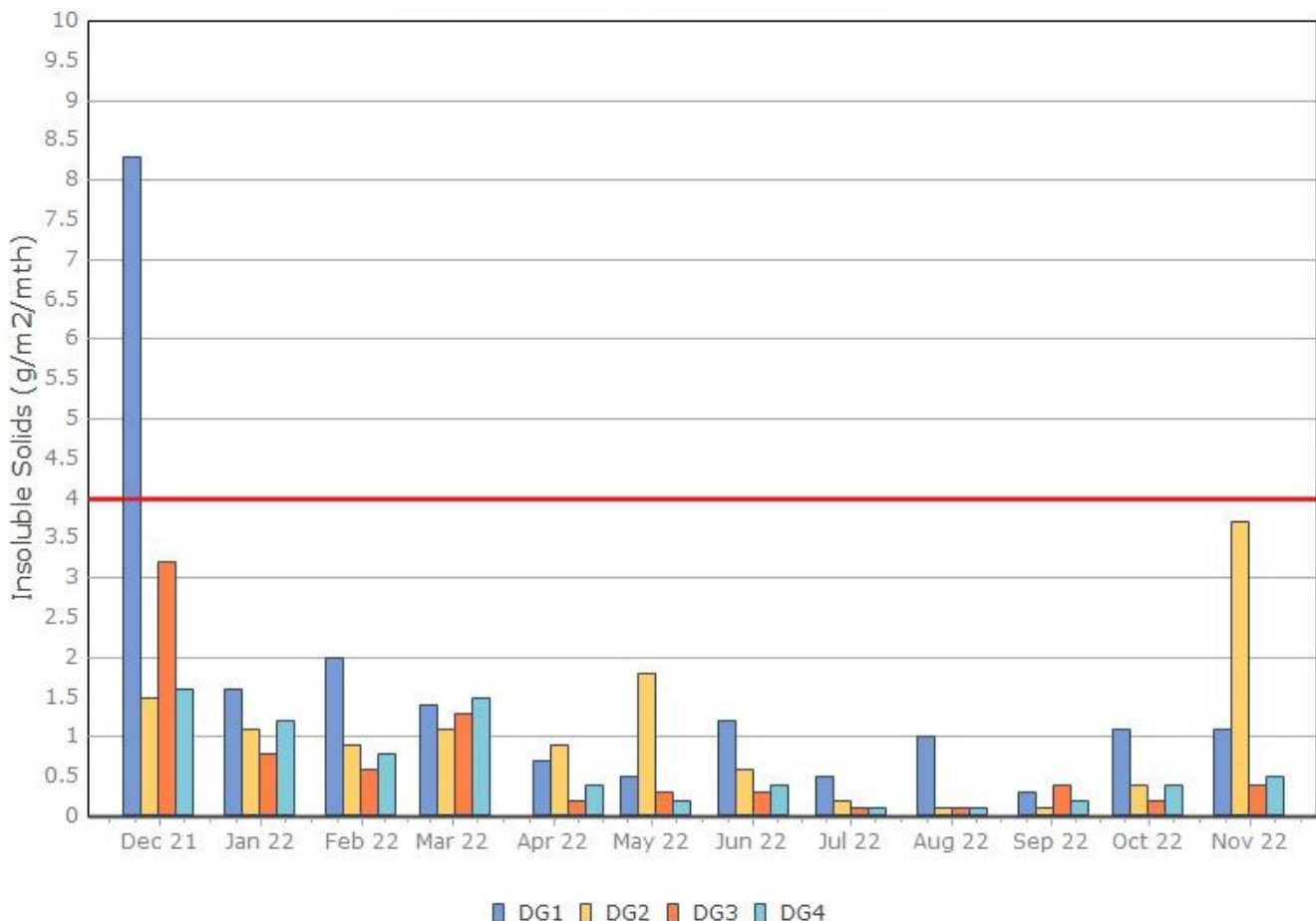
Dust Deposition

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	31/12/21 - 31/1/22	11/2/22	25/2/22	1.6	1.1	0.8	1.2
February	31/1/22 - 1/3/22	11/3/22	21/3/22	2.0	0.9	0.6	0.8
March	1/3/22 - 5/4/22	21/4/22	36/4/22	1.4	1.1	1.3	1.5
April	5/4/22 - 2/5/22	20/5/22	26/5/22	0.7	0.9	0.2	0.4
May	2/5/22 - 1/6/22	15/6/22	21/6/22	0.5	1.8	0.3	0.2
June	1/6/22 - 1/7/22	13/7/22	19/7/22	1.2	0.6	0.3	0.4
July	1/7/22 - 1/8/22	15/8/22	17/8/22	0.5	0.2	0.1	<0.1
August	1/8/22 - 1/9/22	16/9/22	26/9/22	1.0	0.1	0.1	0.1
September	1/9/22 - 30/9/22	21/10/22	24/10/22	0.3	<0.1	0.4	0.2
October	30/9/22 - 31/10/22	15/11/2022	16/11/2022	1.1	0.4	0.2	0.4
November	31/10/22 - 1/12/22	19/12/2022	16/01/2023	1.1	3.7	0.4	0.5
December							
Average (Mean)				1.0	1.1	0.4	0.6
Median				1.1	0.9	0.3	0.4
Maximum				2.0	3.7	1.3	1.5
Minimum				0.3	0.1	0.1	0.1

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 2022

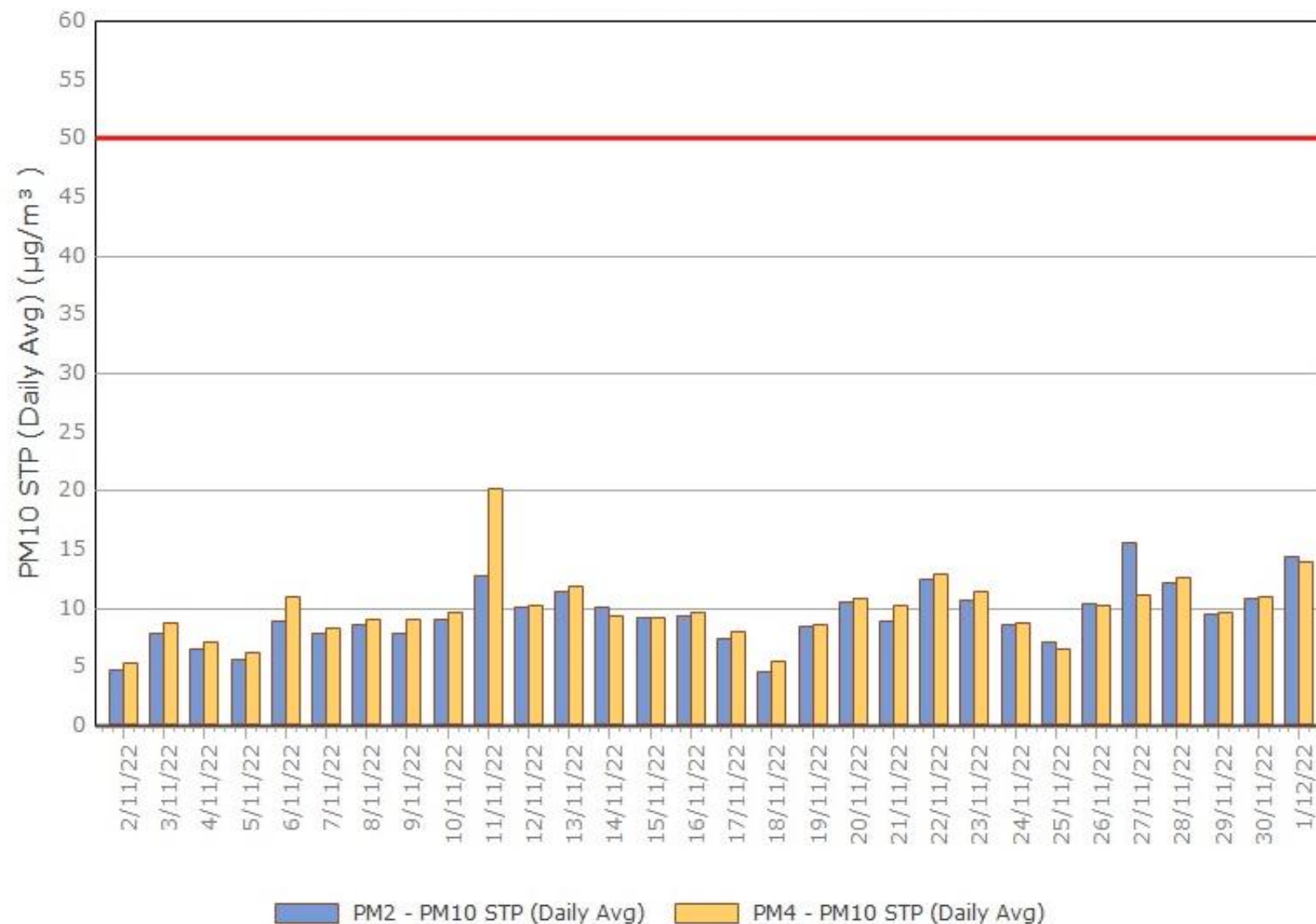
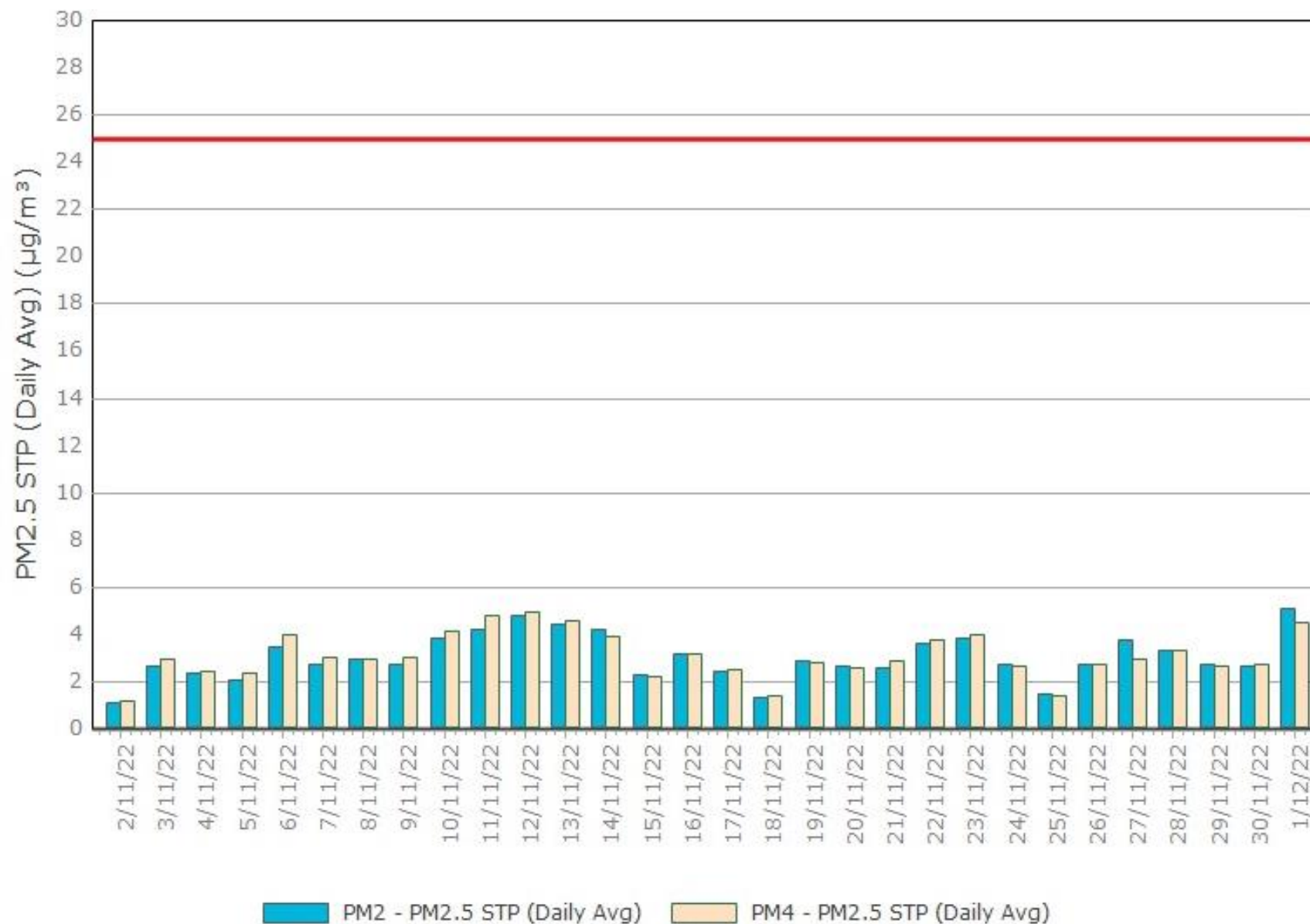


Figure 3. PM2.5 (24 hr Average) with Compliance Criteria – November 2022

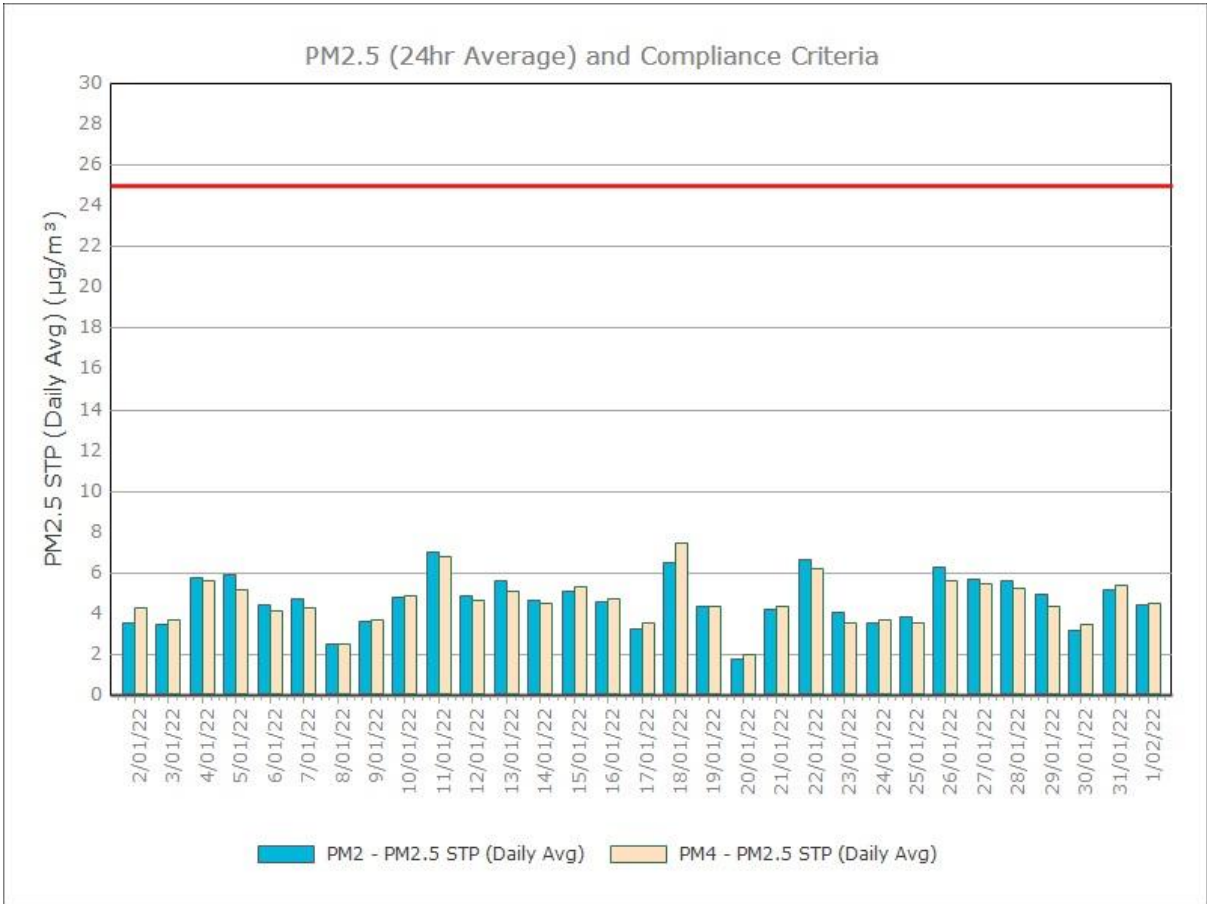
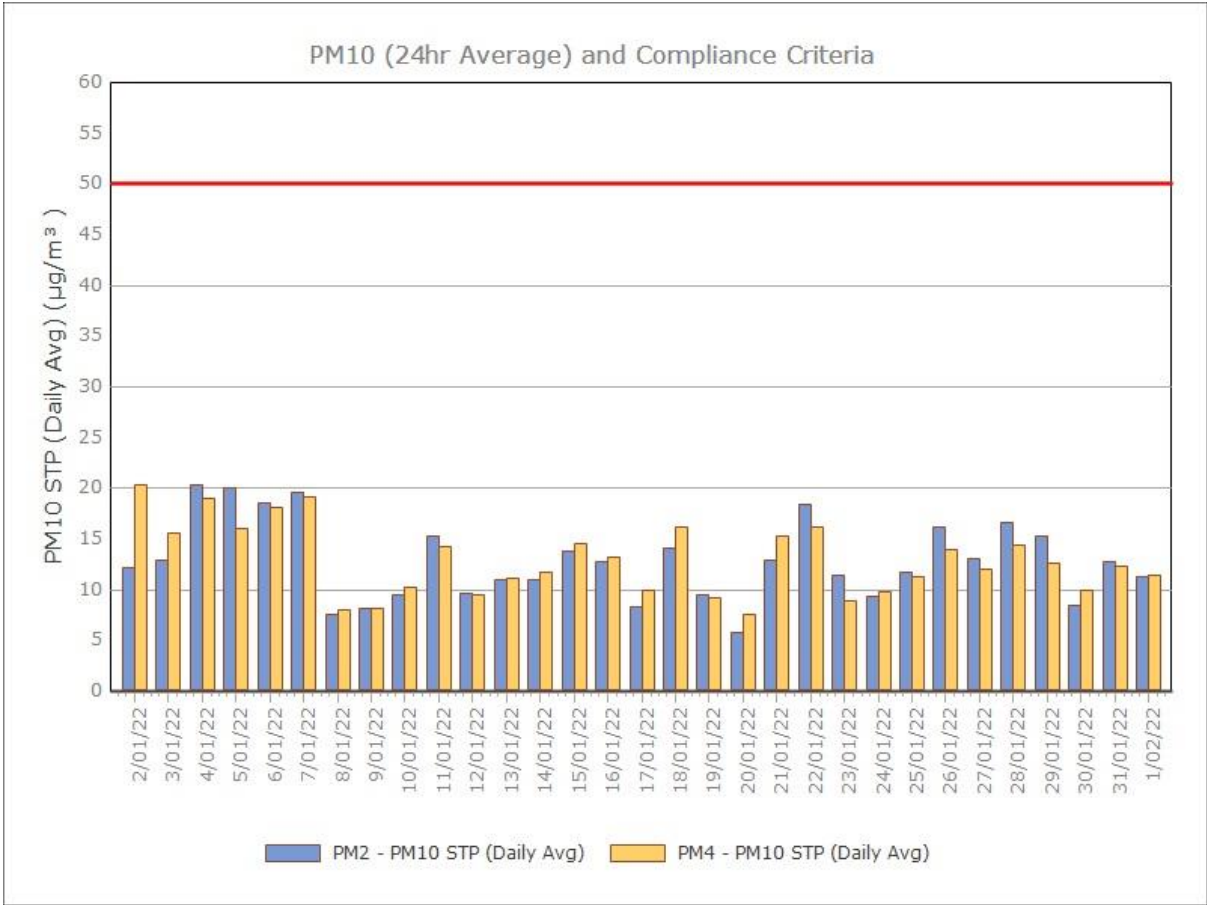


APPENDIX:

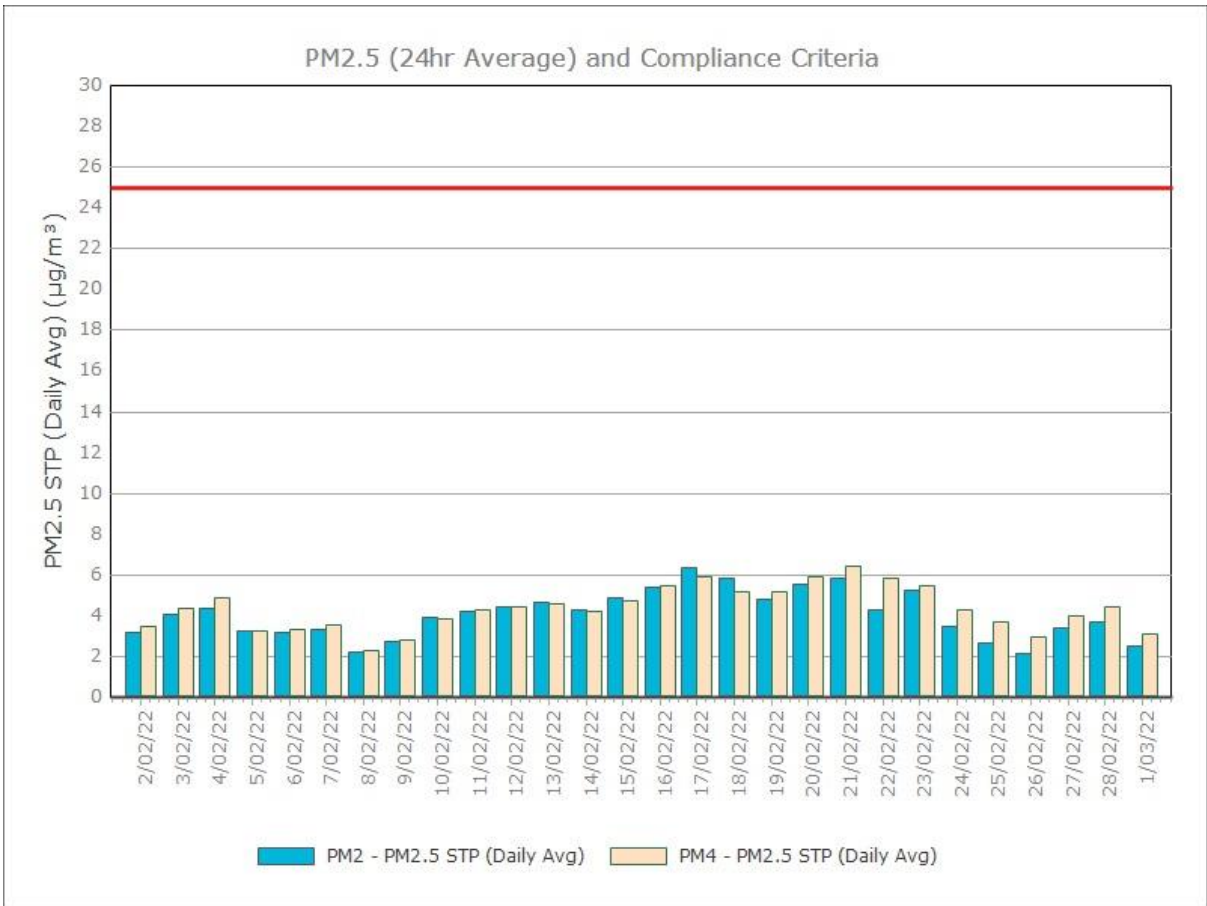
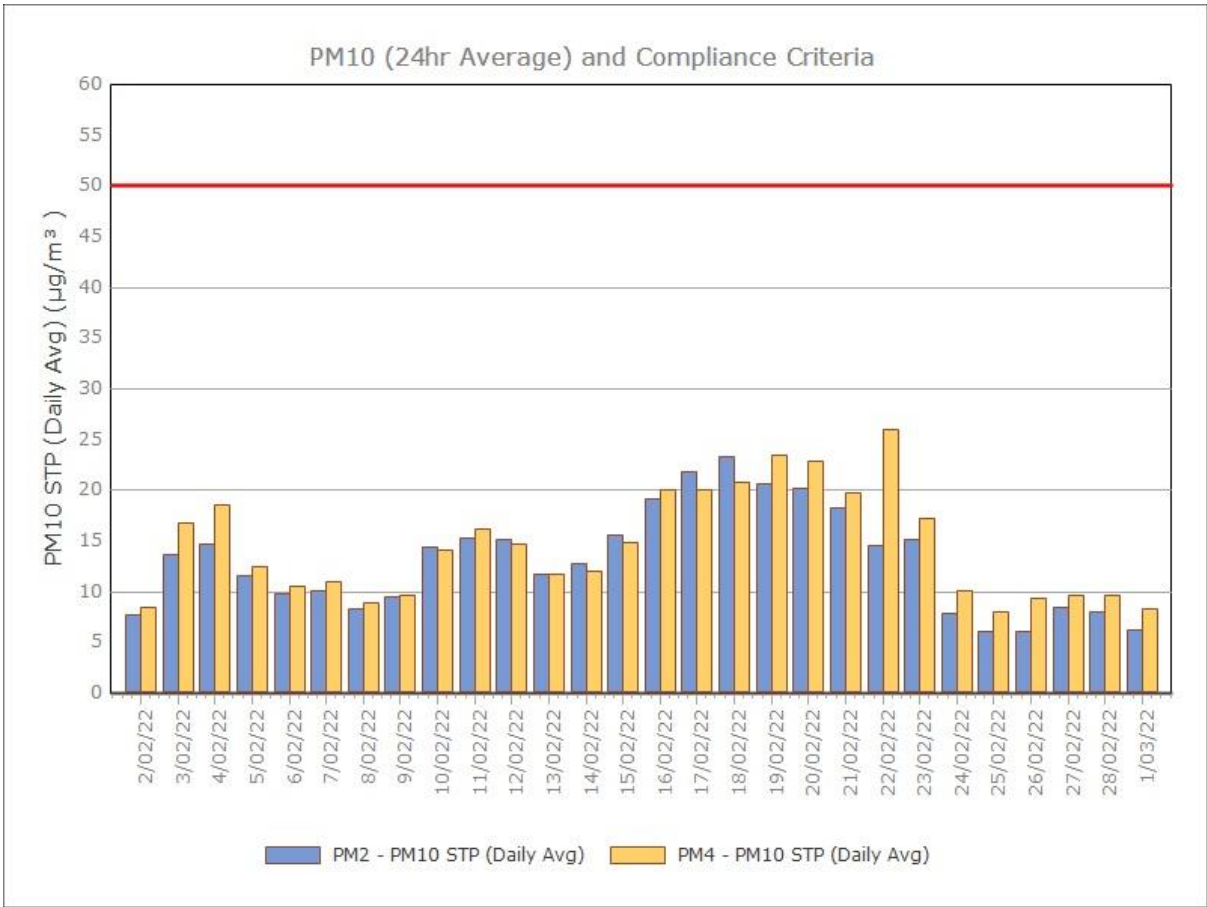
Particulate Monitoring

Monthly Monitoring Results

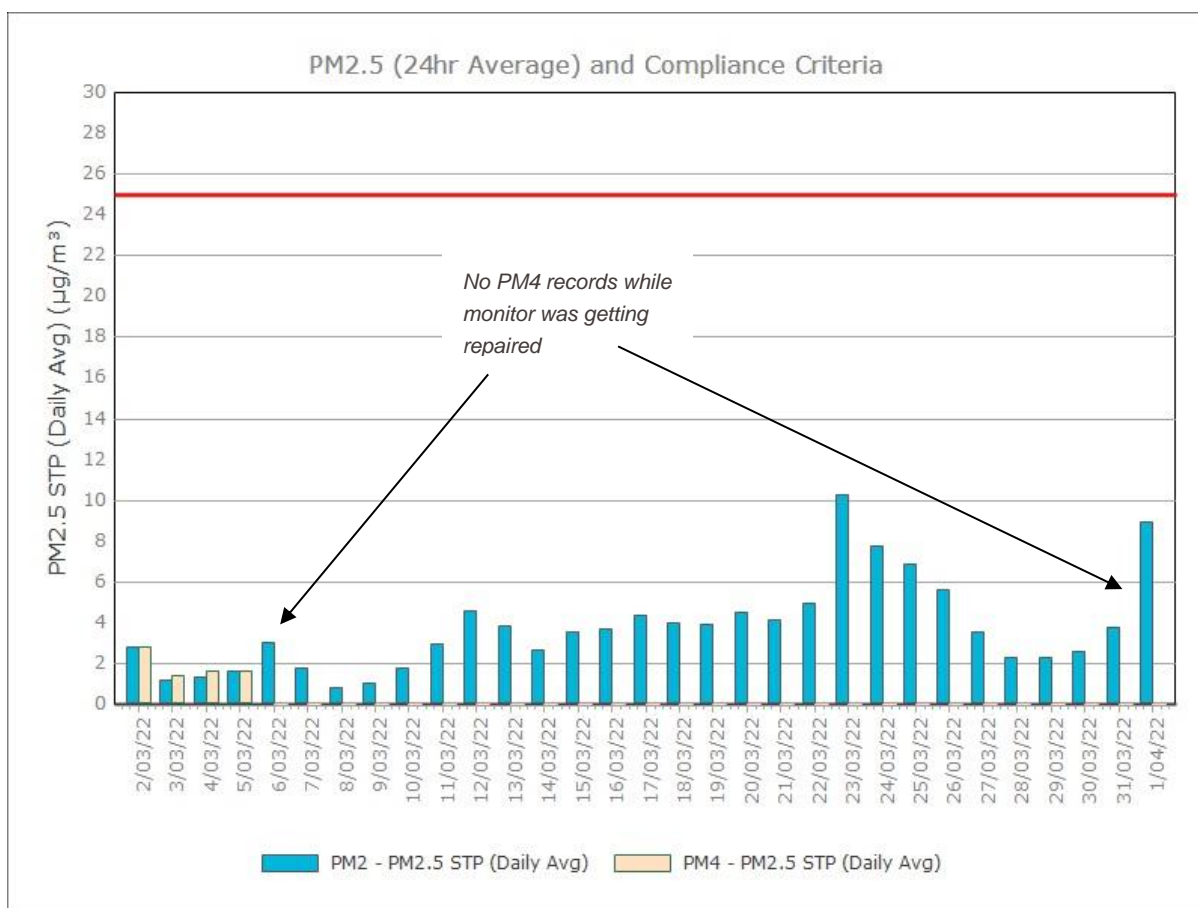
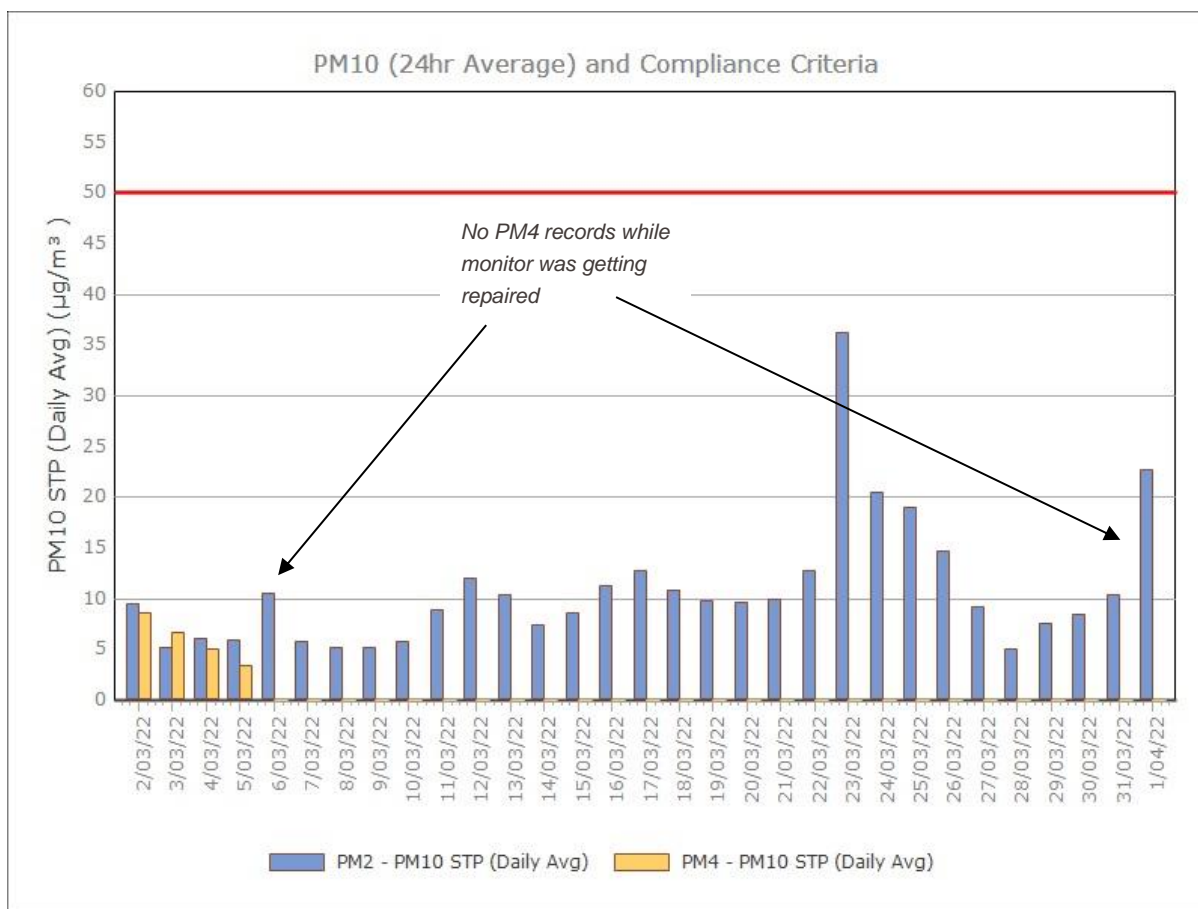
January 2022



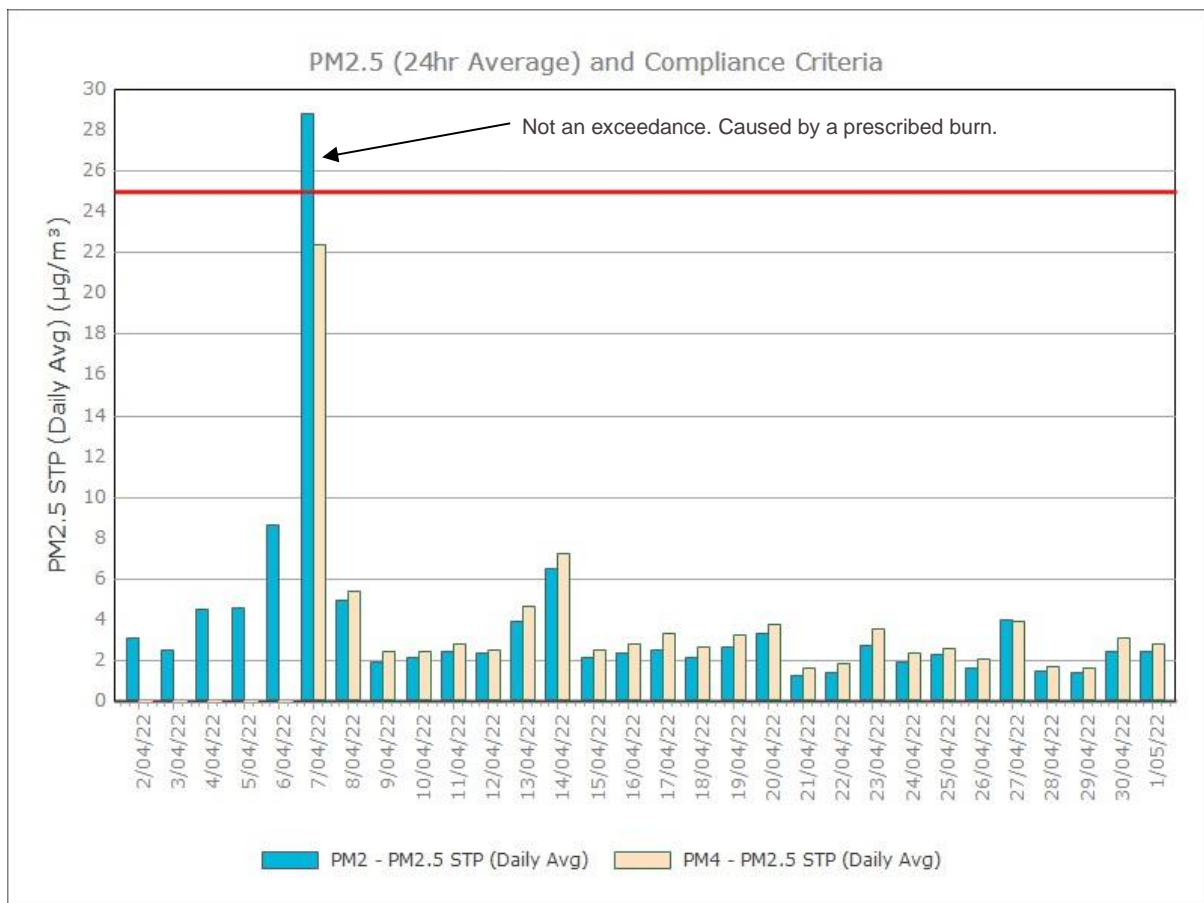
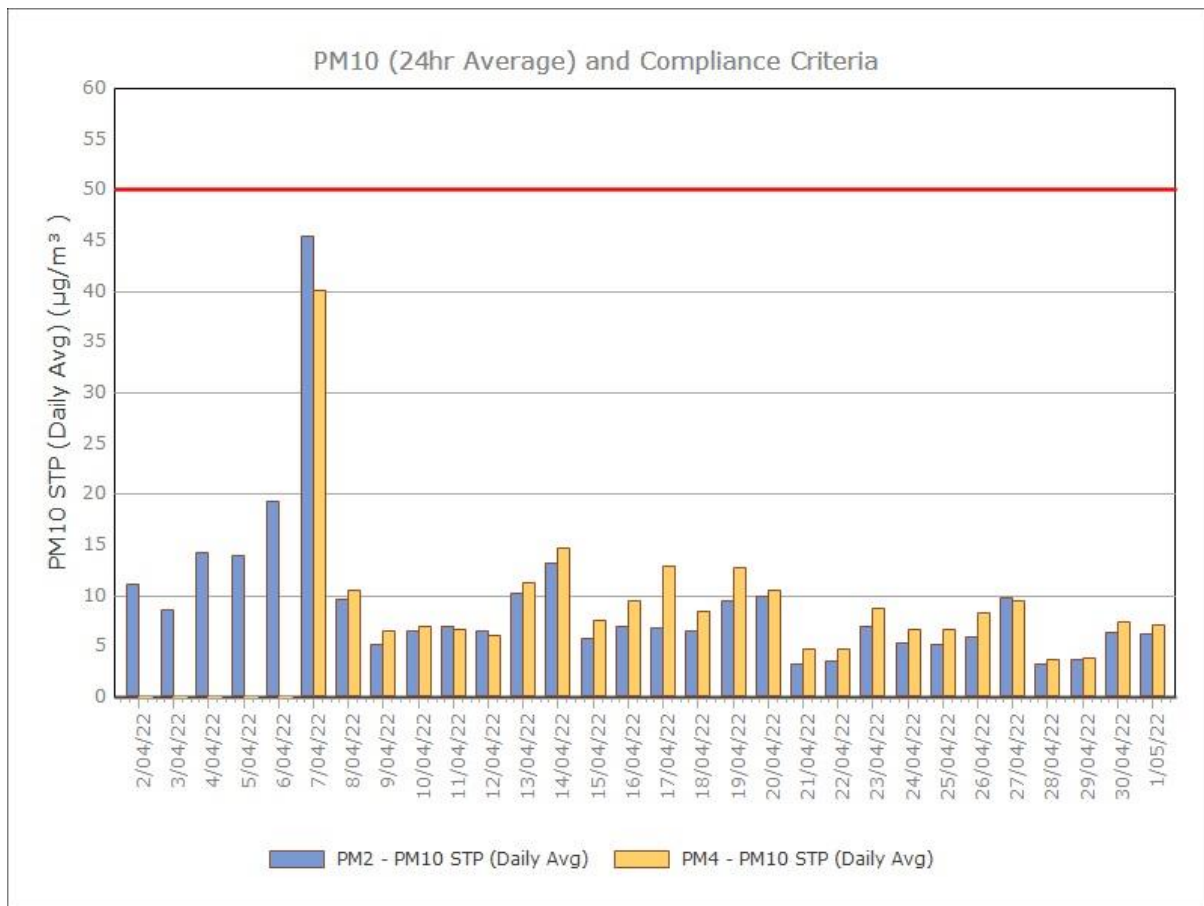
February 2022



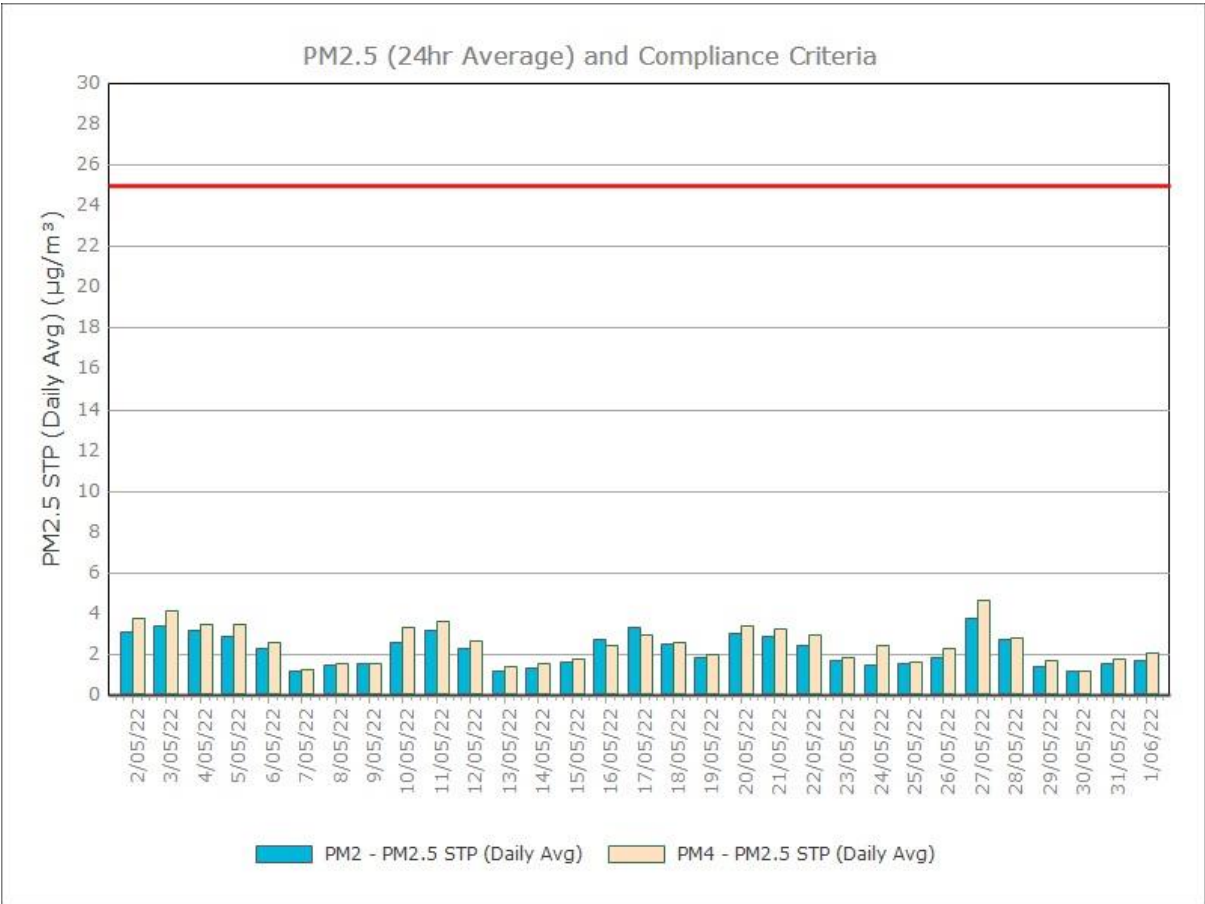
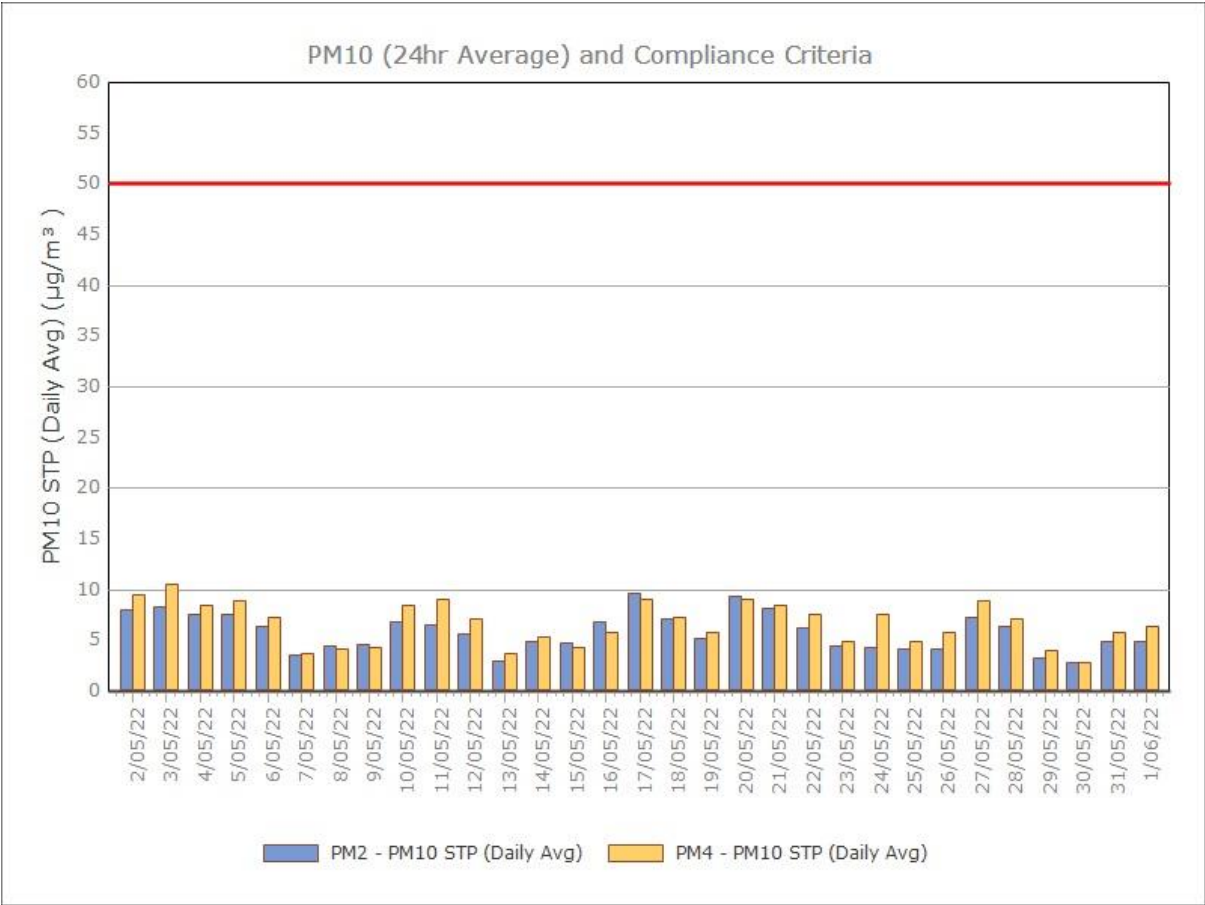
March 2022



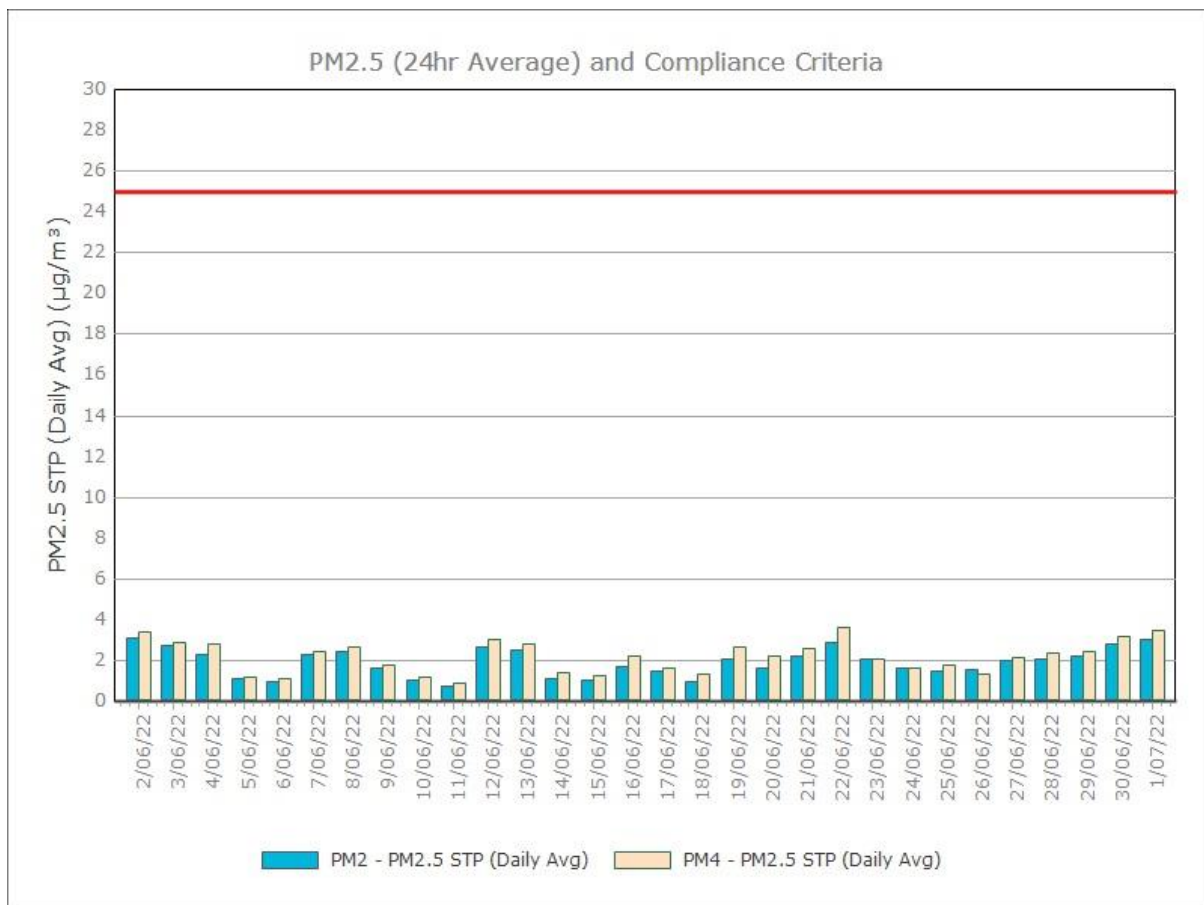
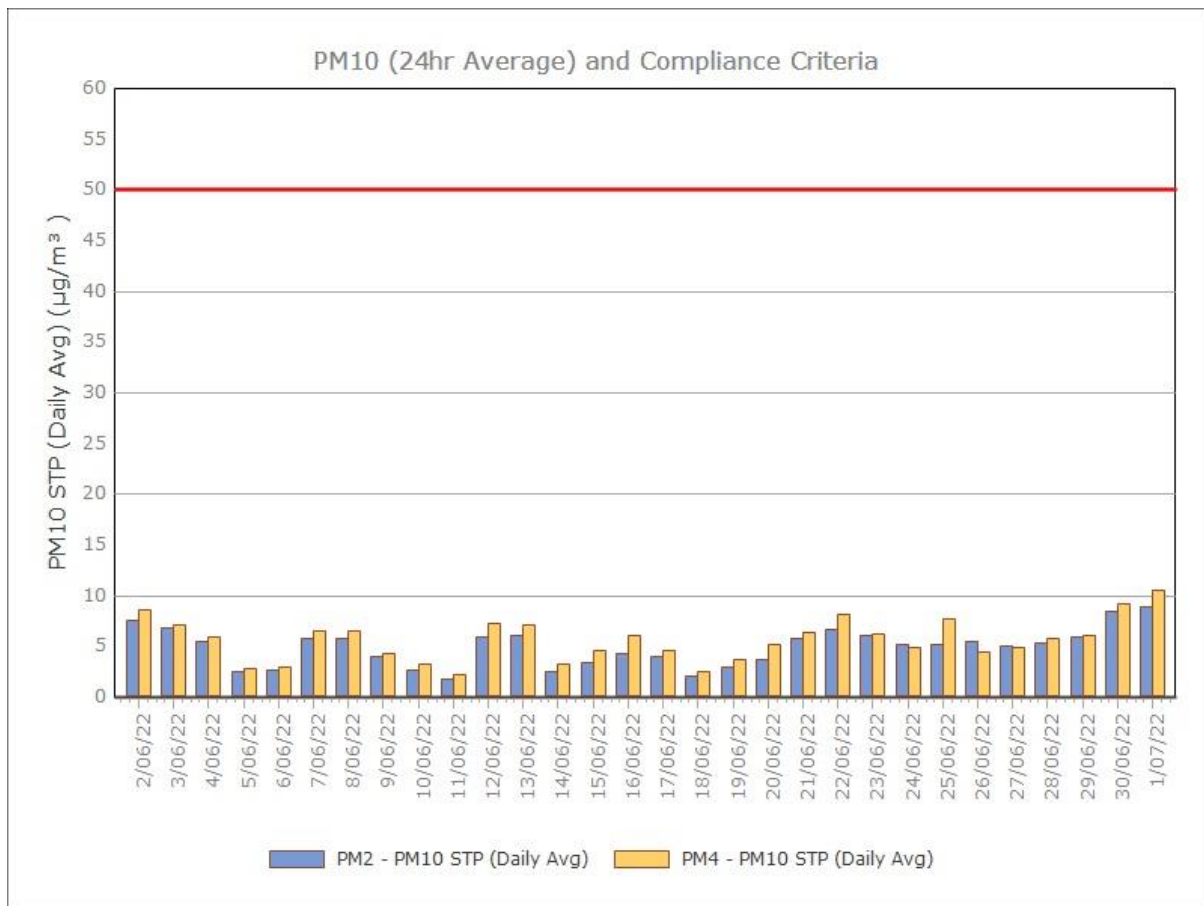
April 2022



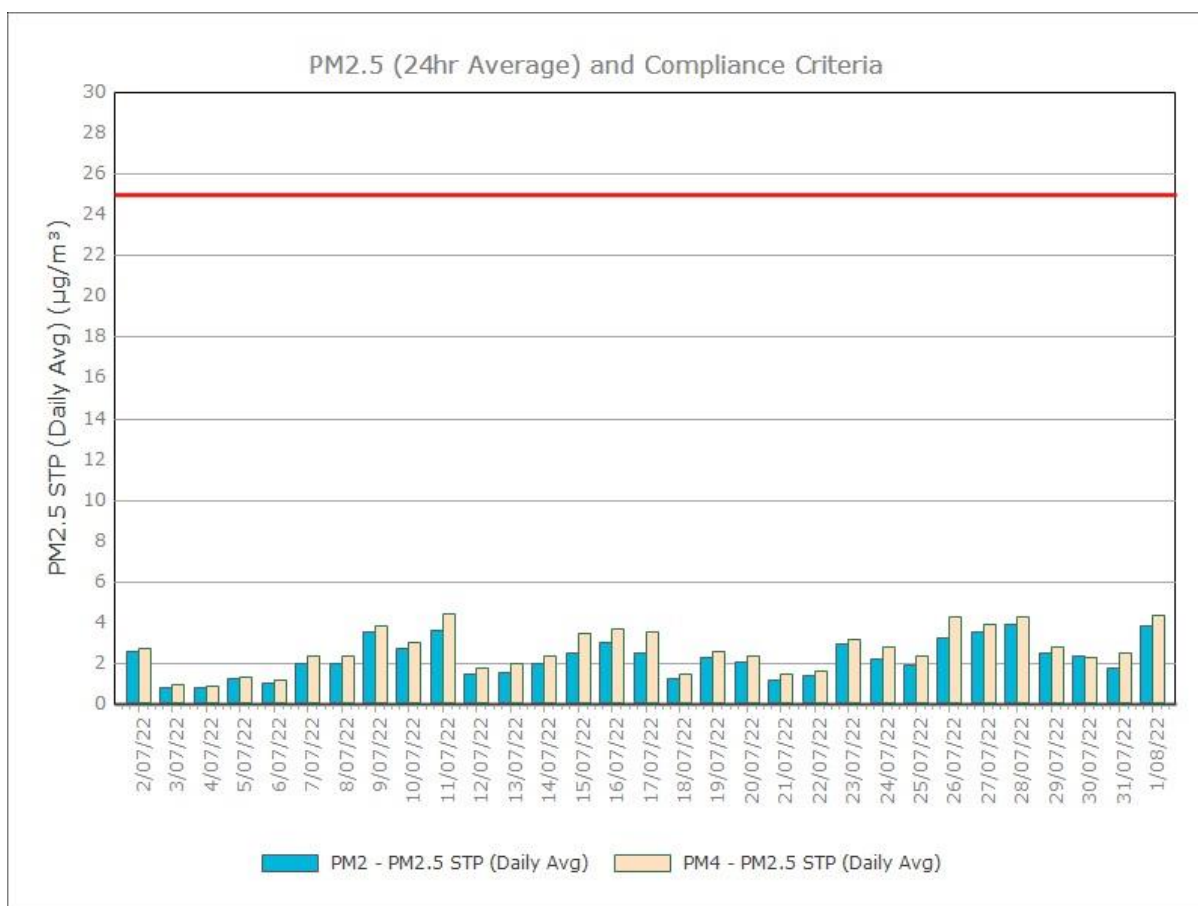
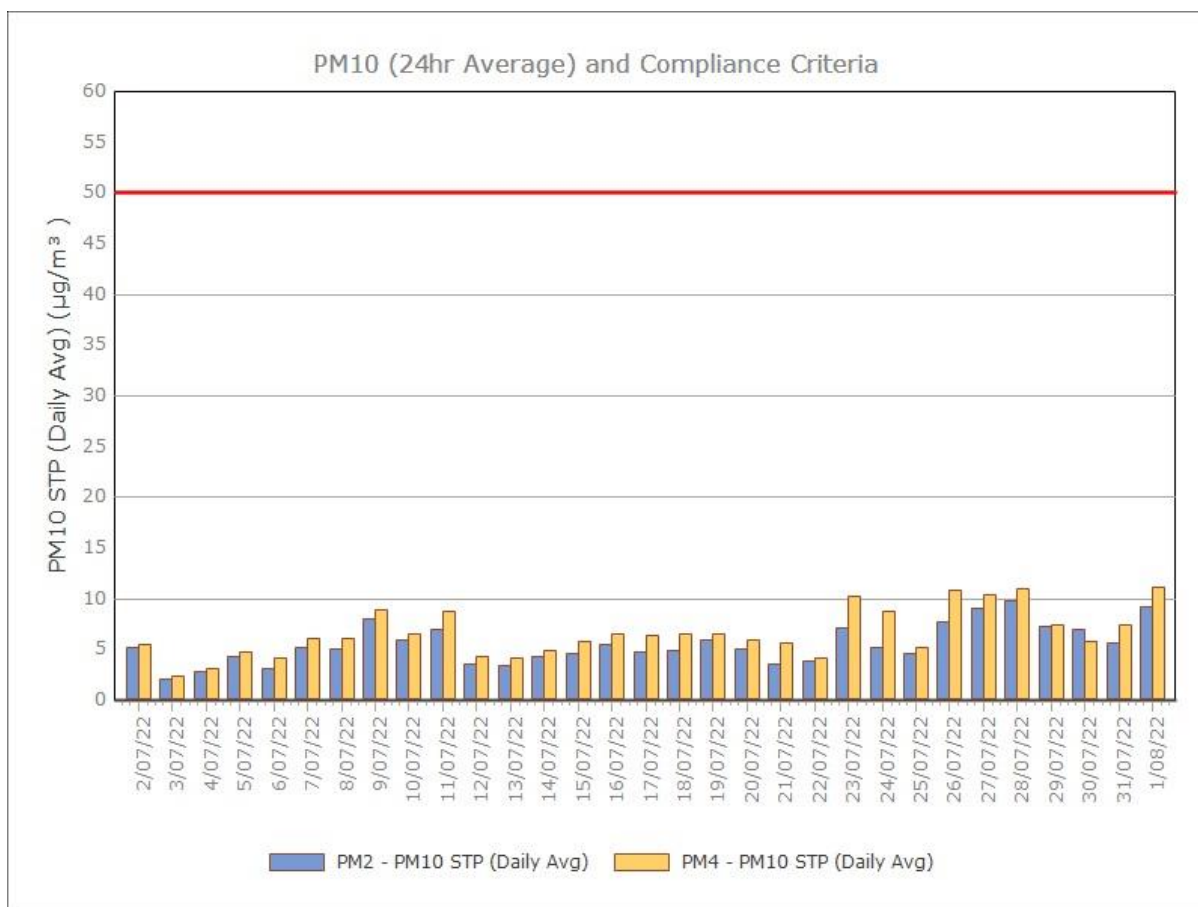
May 2022



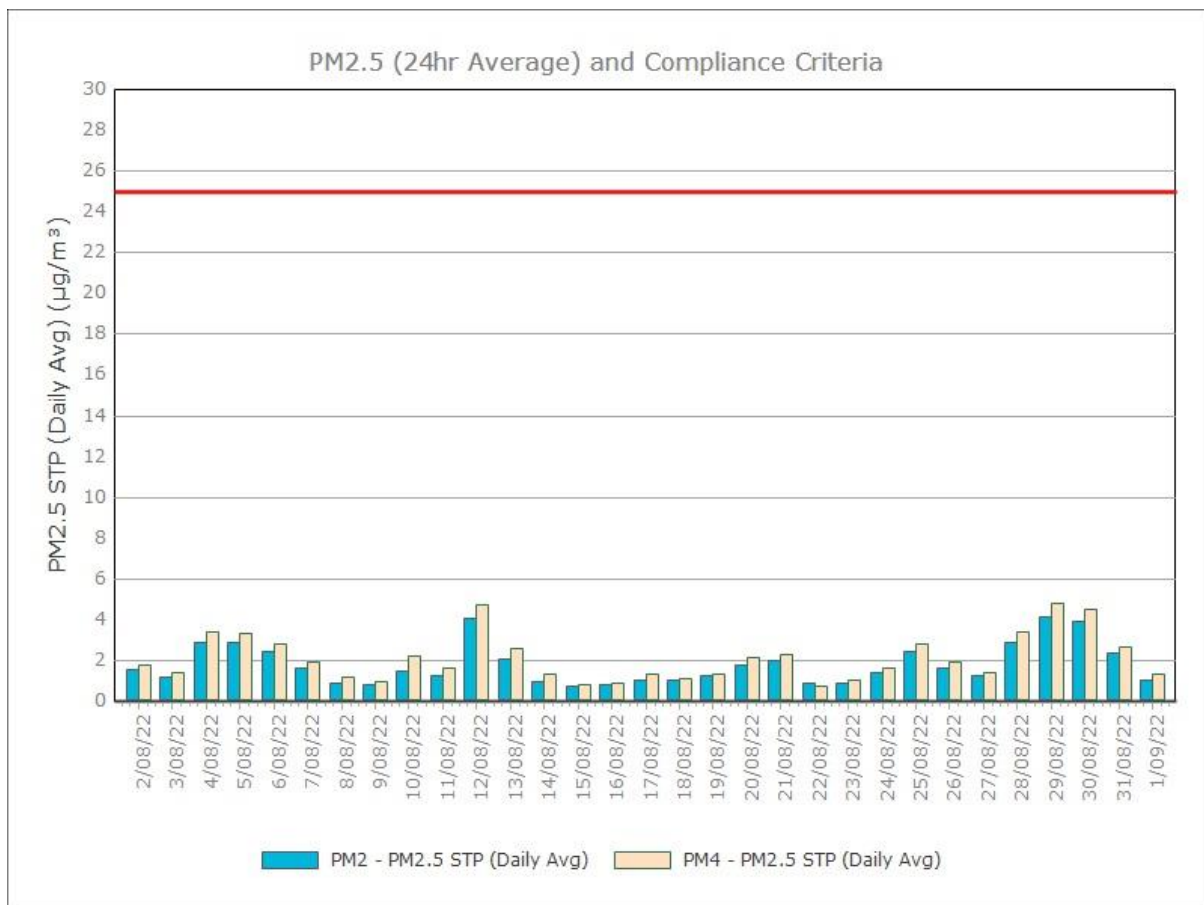
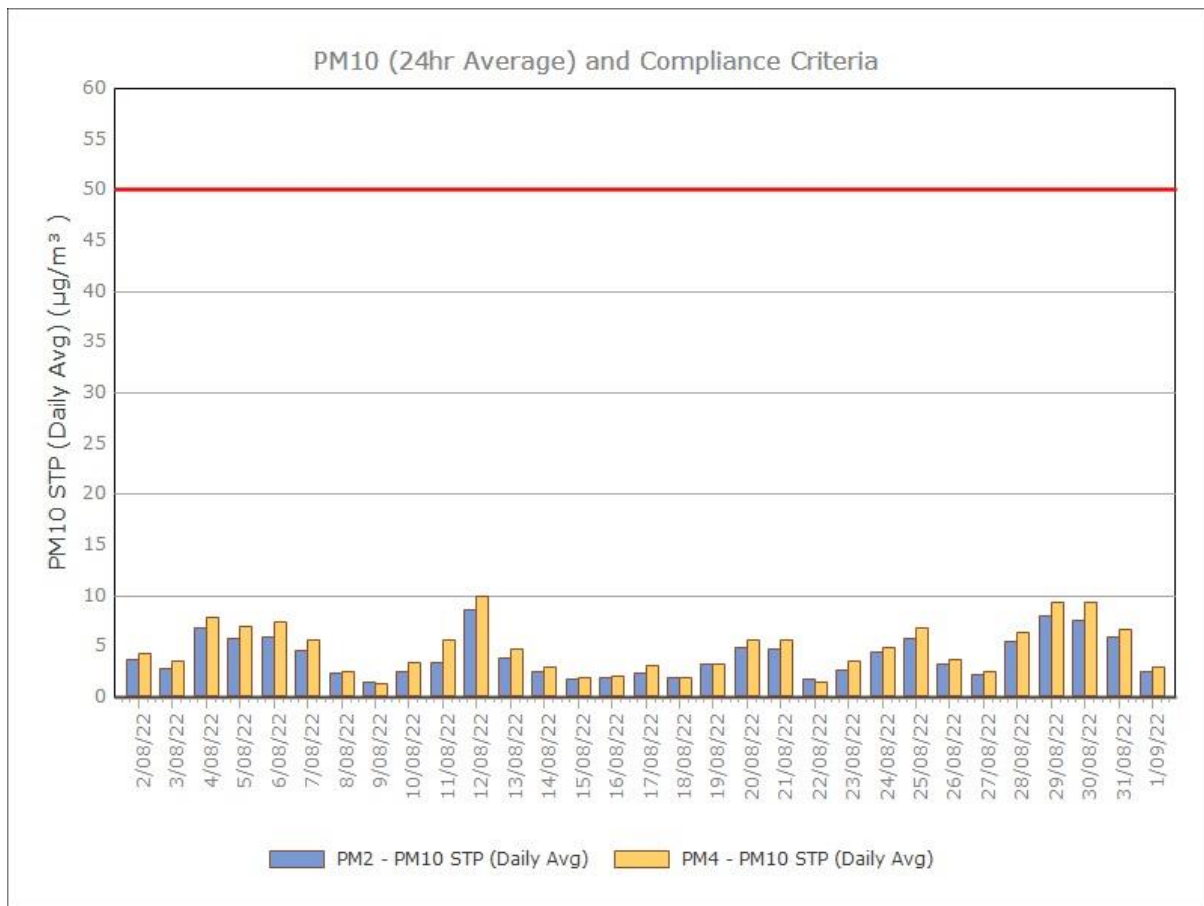
June 2022



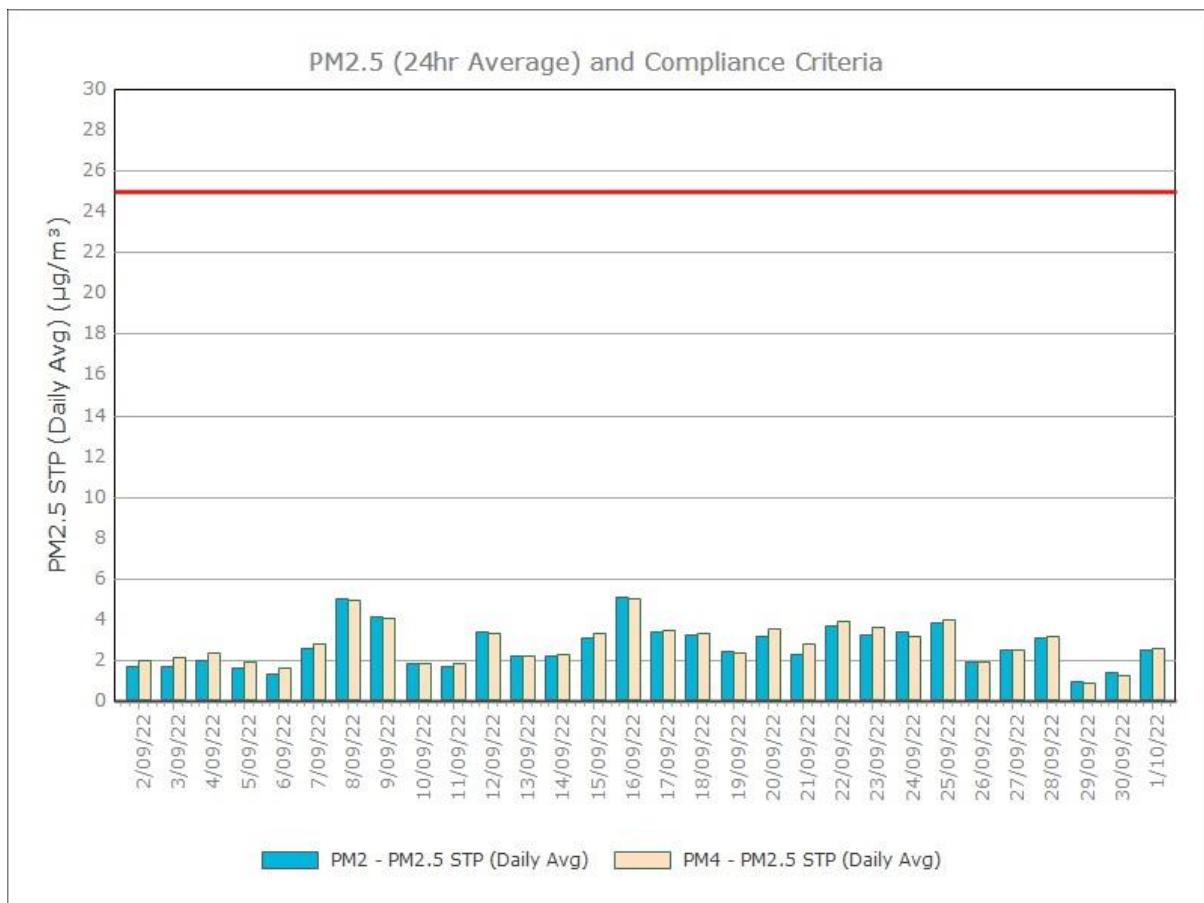
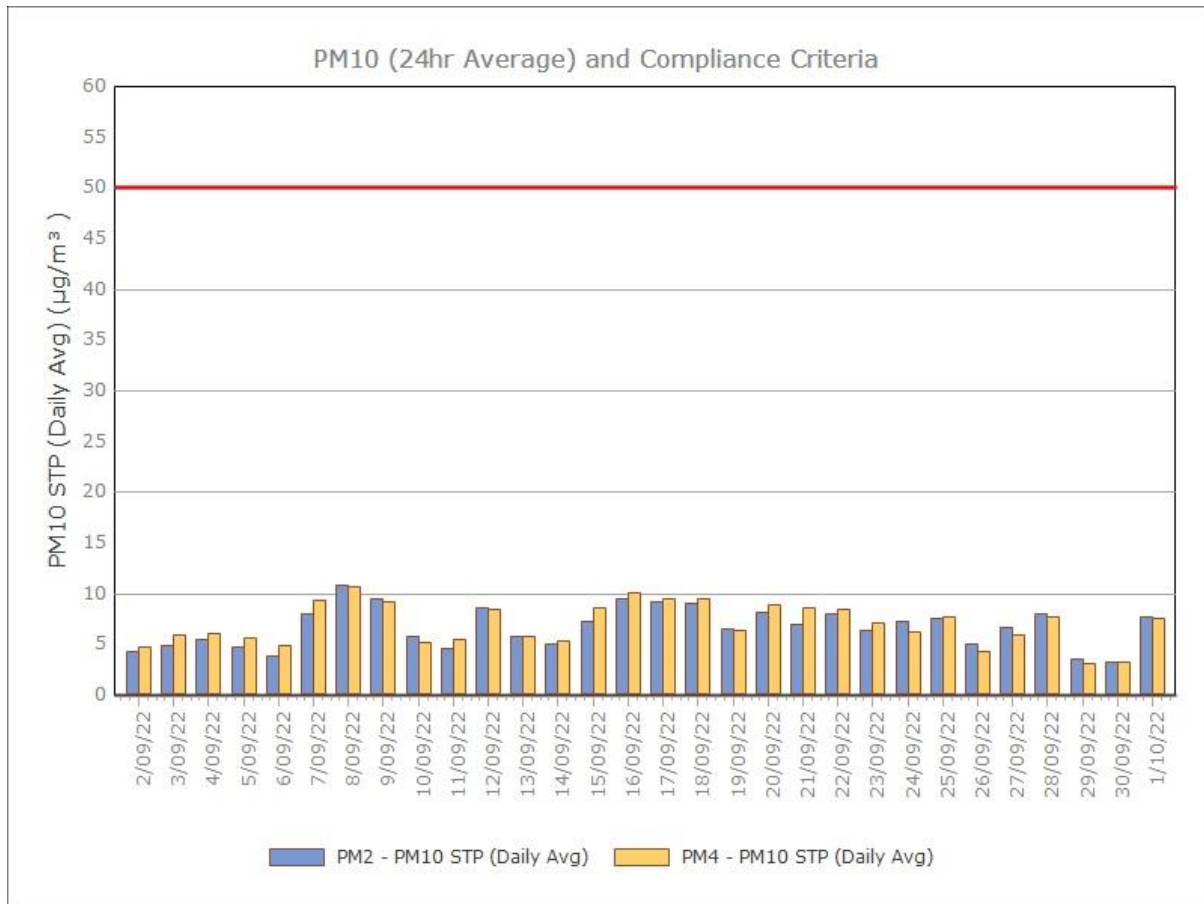
July 2022



August 2022



September 2022



October 2022

