

**sunrise**  
energy metals

# 2021 ENVIRONMENTAL MONITORING RESULTS

## AIR QUALITY - SEPTEMBER

*Published Date: 9 Nov 2021*

Premises:  
Sunrise Project  
Wilmatha Road  
Fifield, NSW, 2875

**[Environment Protection Licence #21146](#)**

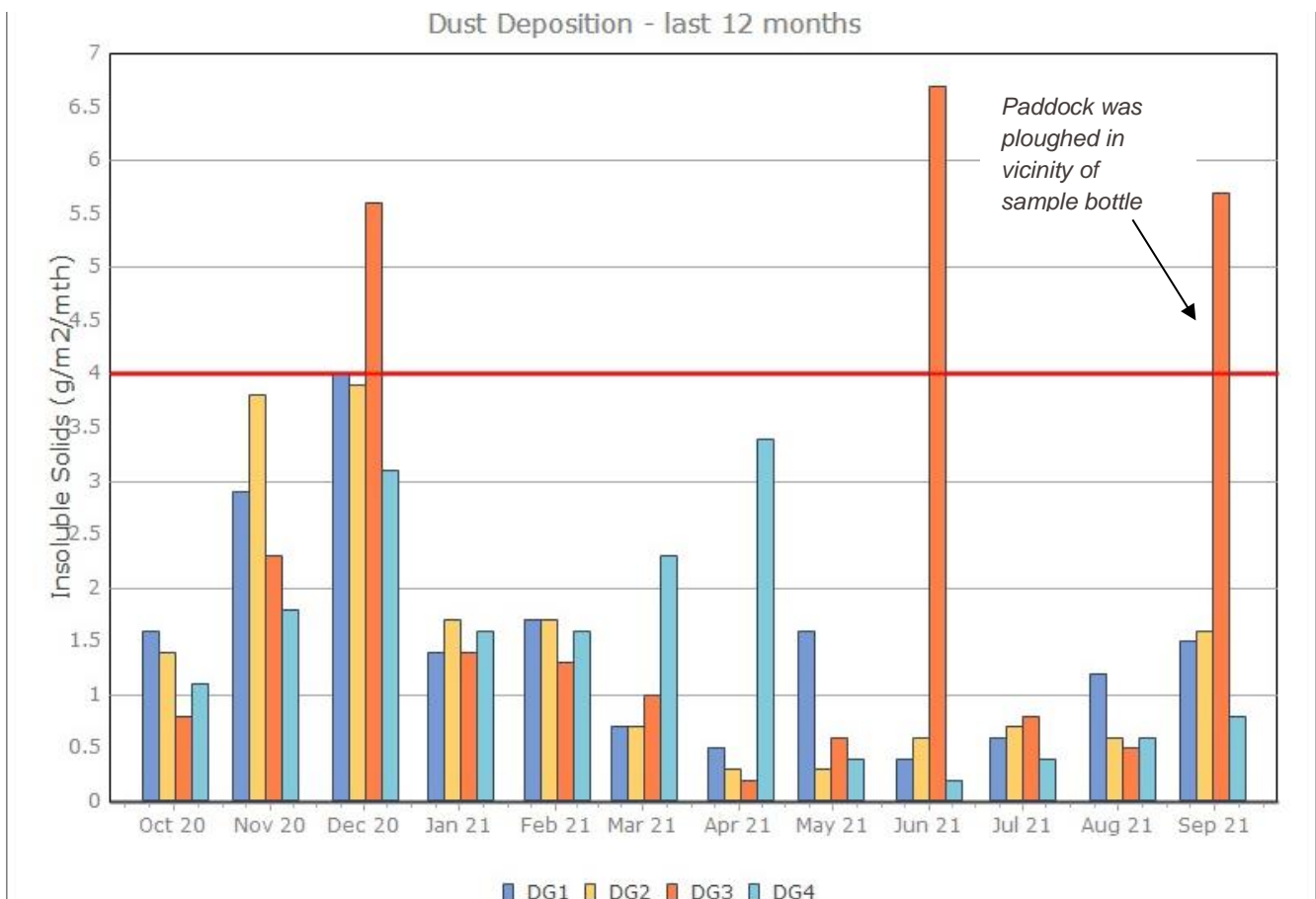
# Dust Deposition

## 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 <sup>2</sup> /mth)			
		Received	Published	DG1	DG2	DG3	DG4
January	1/1/21 - 1/2/21	12/2/21	4/3/21	2.0	0.8	1.7	2.7
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	9/11/21	0.2	0.2	0.9	0.1
October							
November							
December							
Average (Mean)				1.13	0.81	2.06	1.38
Median				1.2	0.7	1	0.8
Maximum				2	1.7	6.7	3.4
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 – September 2021

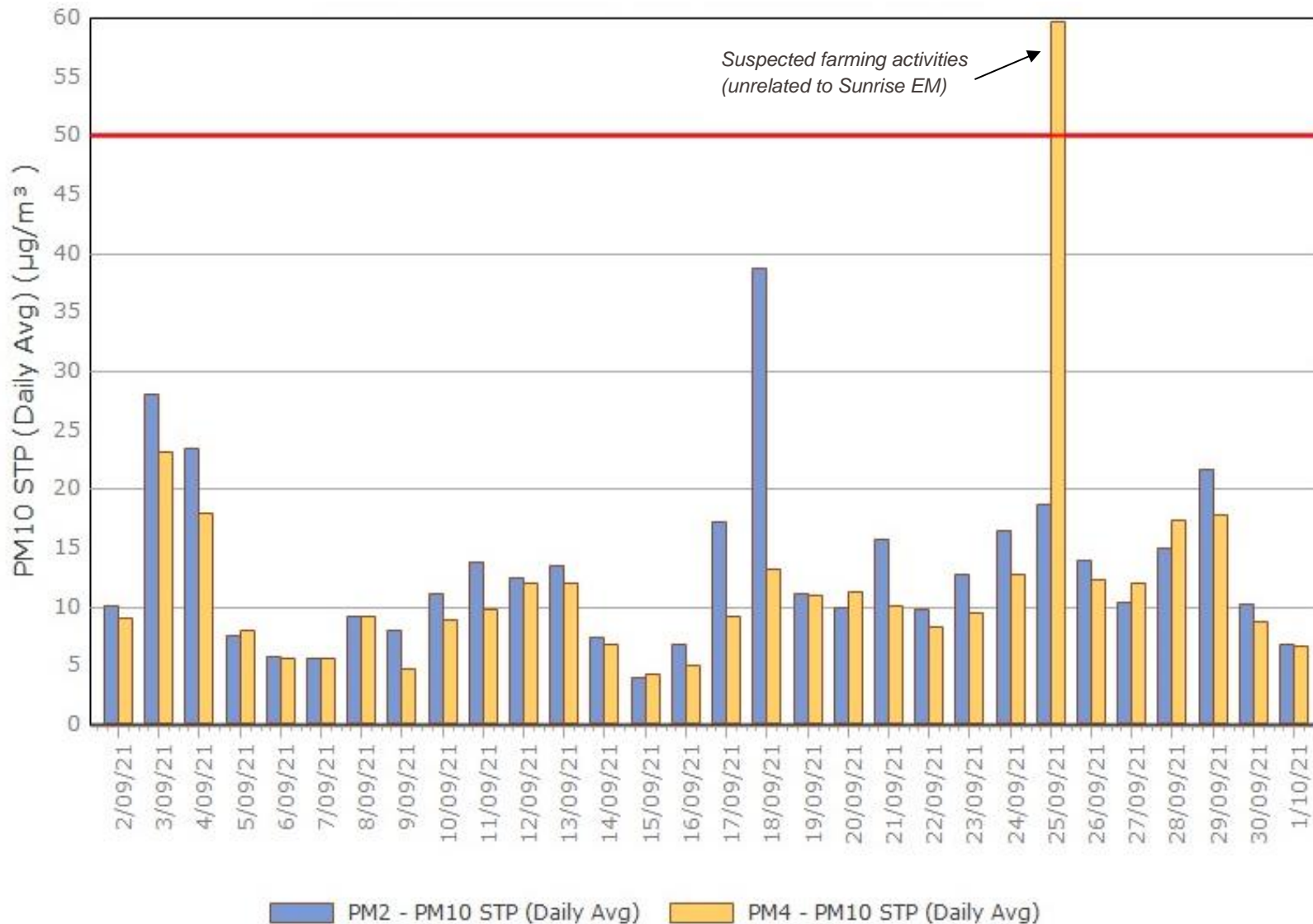
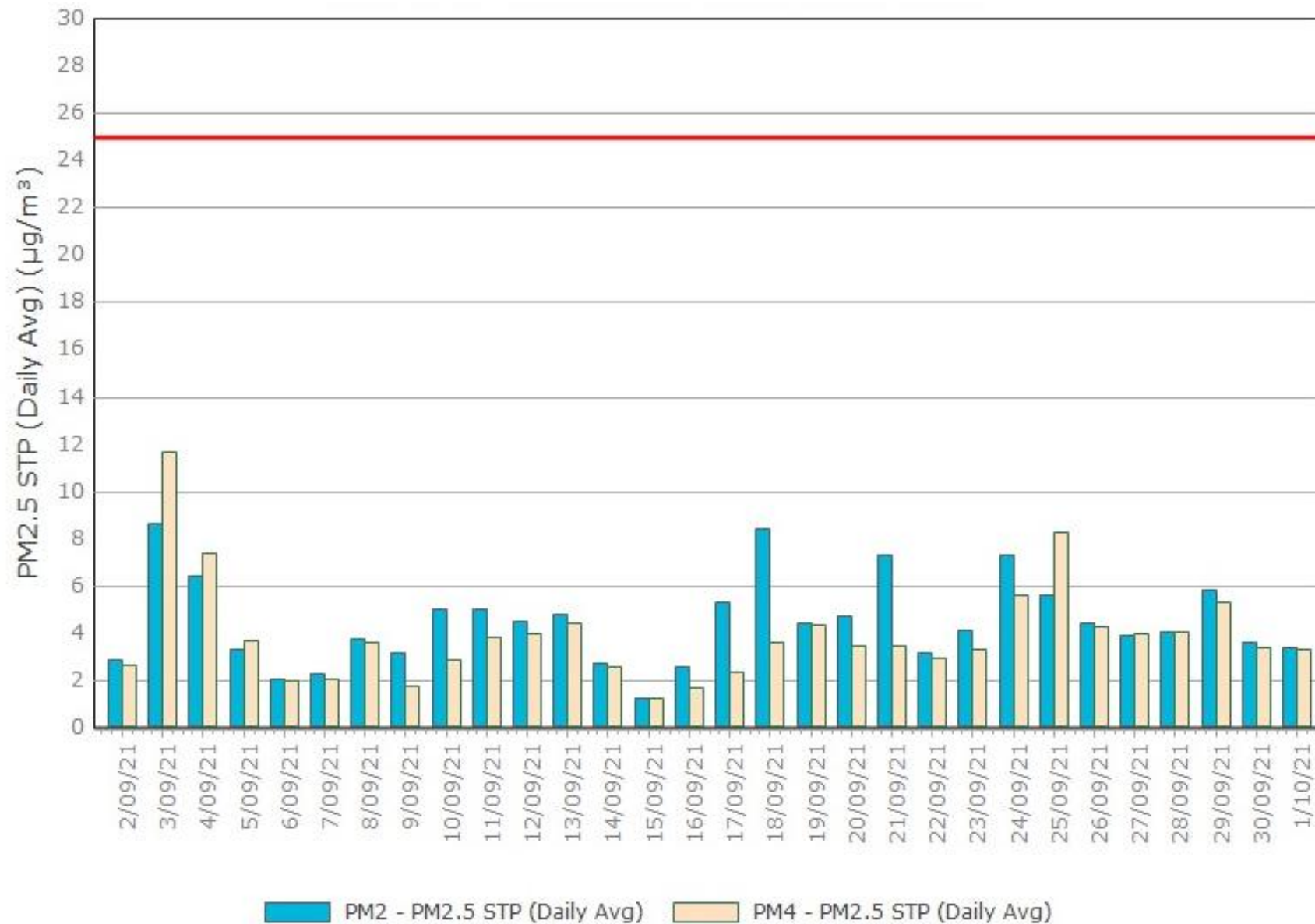


Figure 3. PM2.5 (24 hr Average) with Compliance Criteria – September 2021

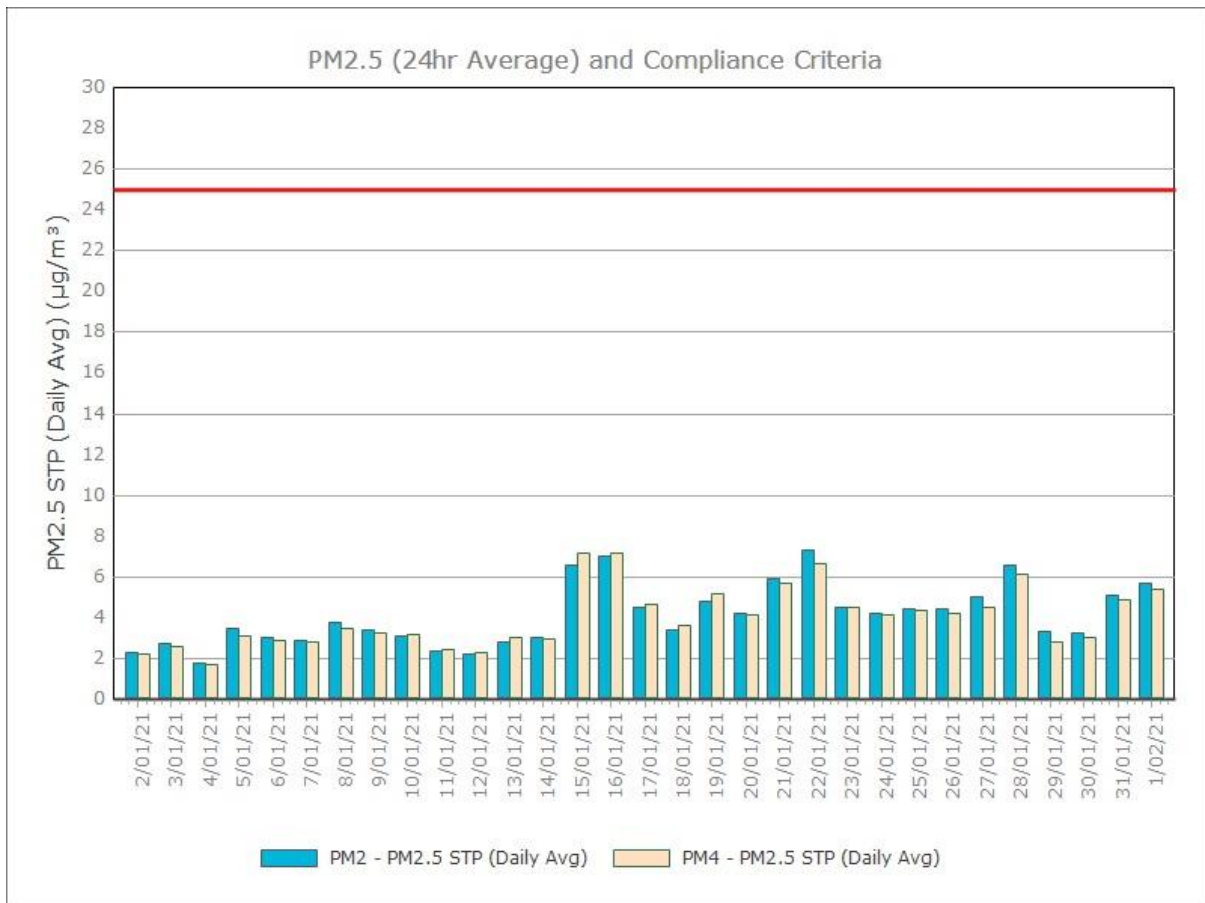
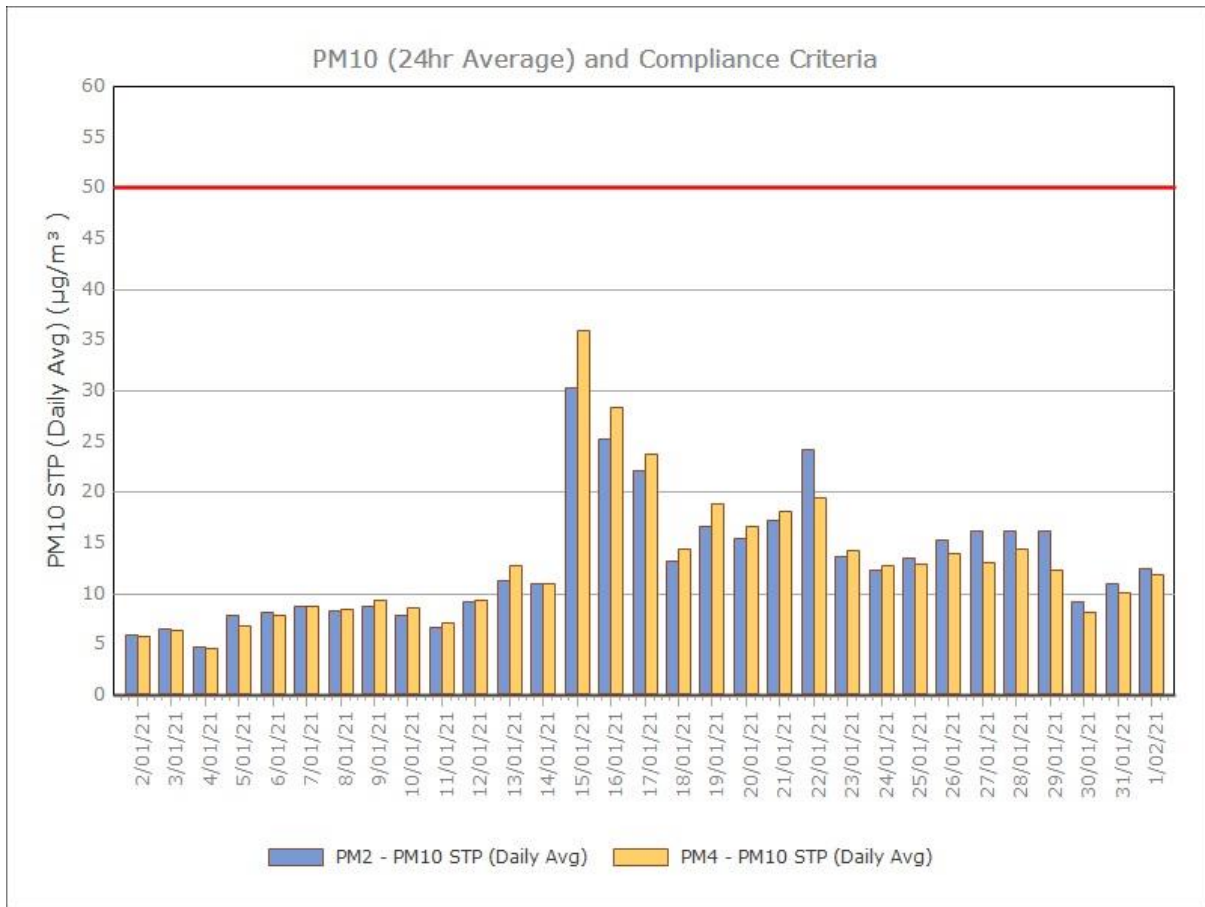


APPENDIX:

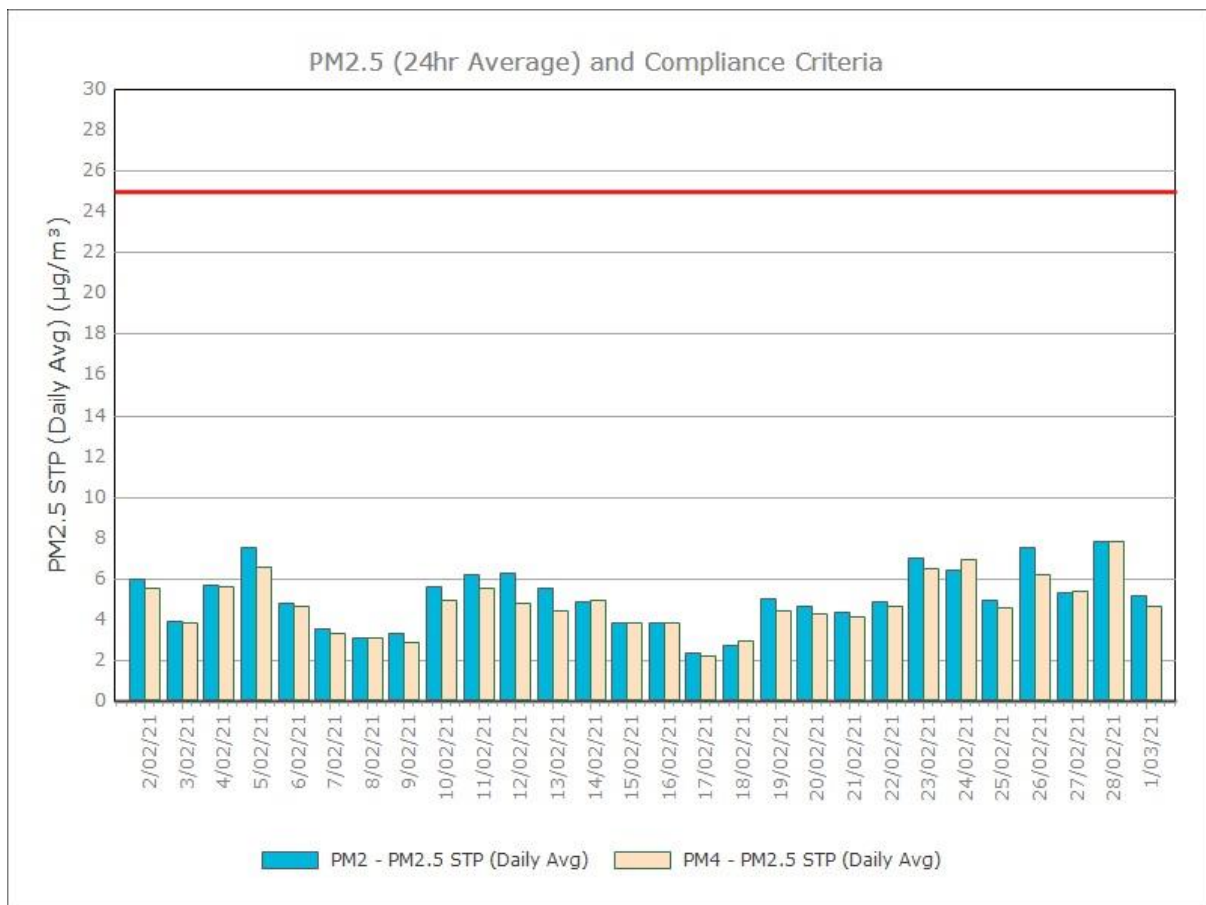
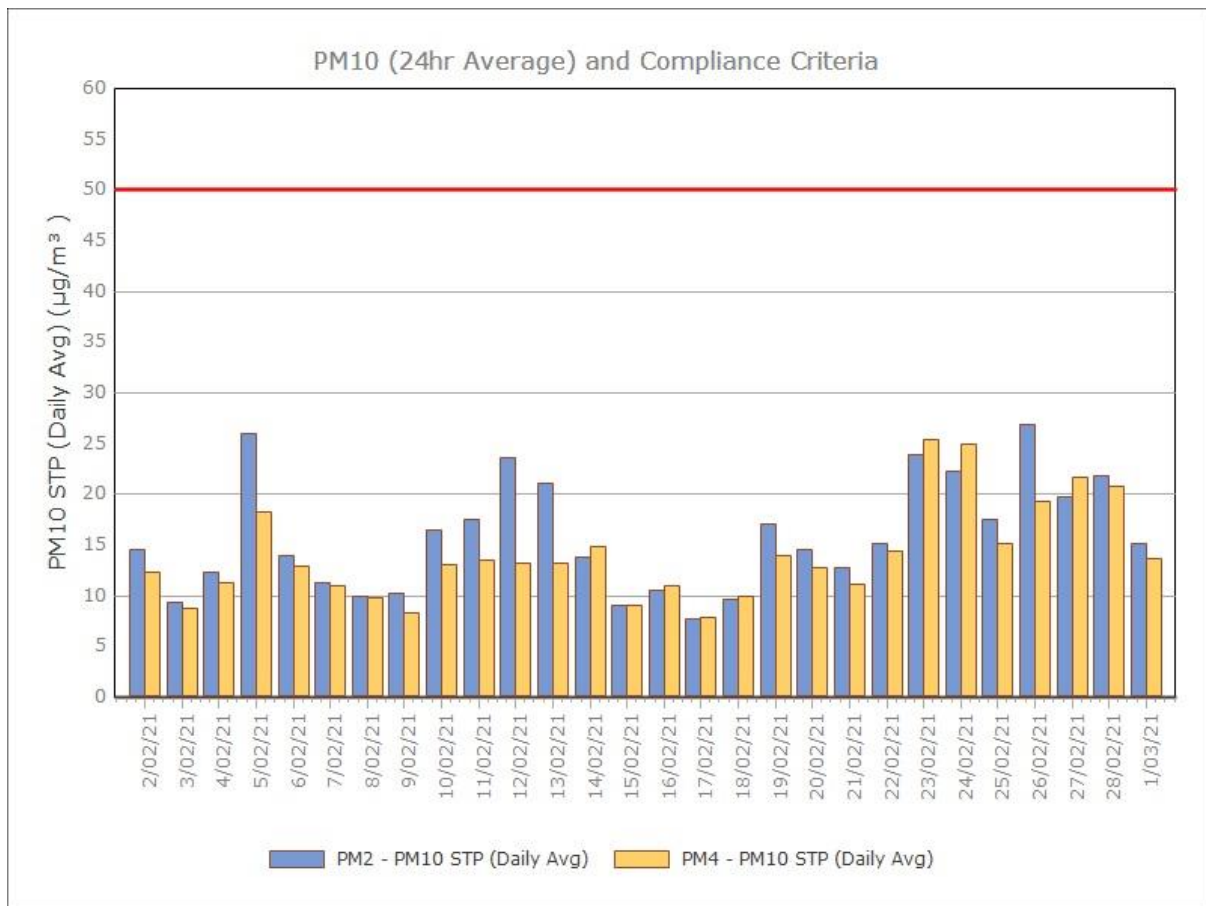
# Particulate Monitoring

## Monthly Monitoring Results

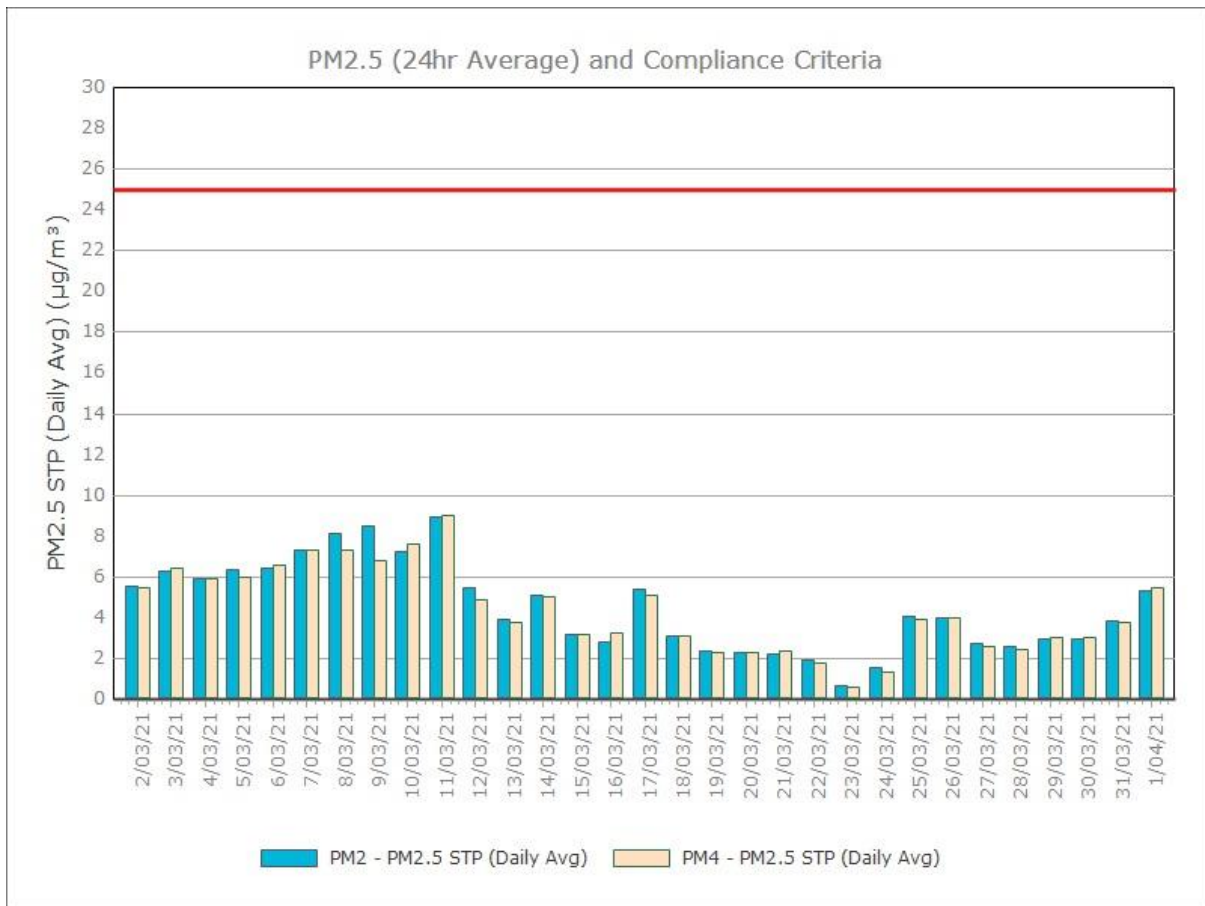
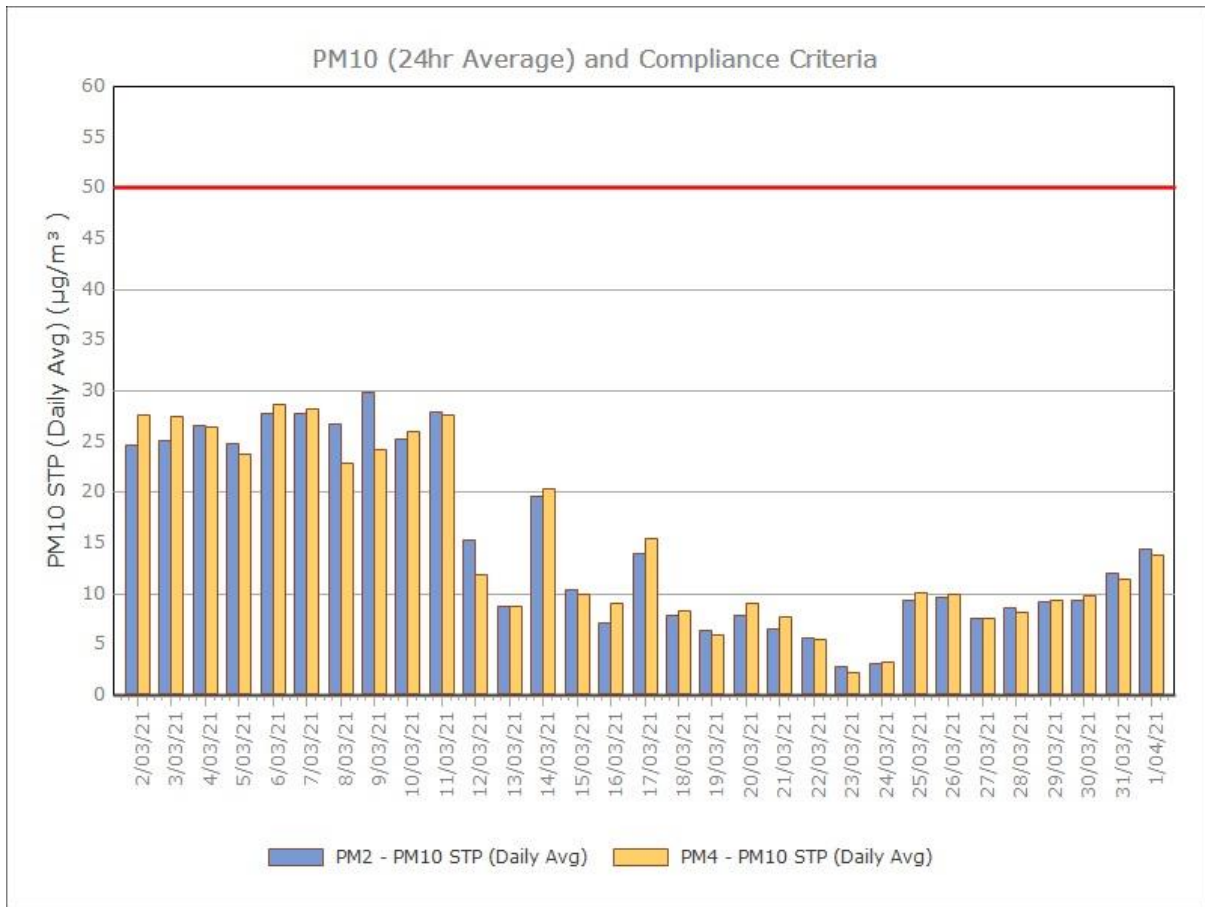
# January 2021



# February 2021

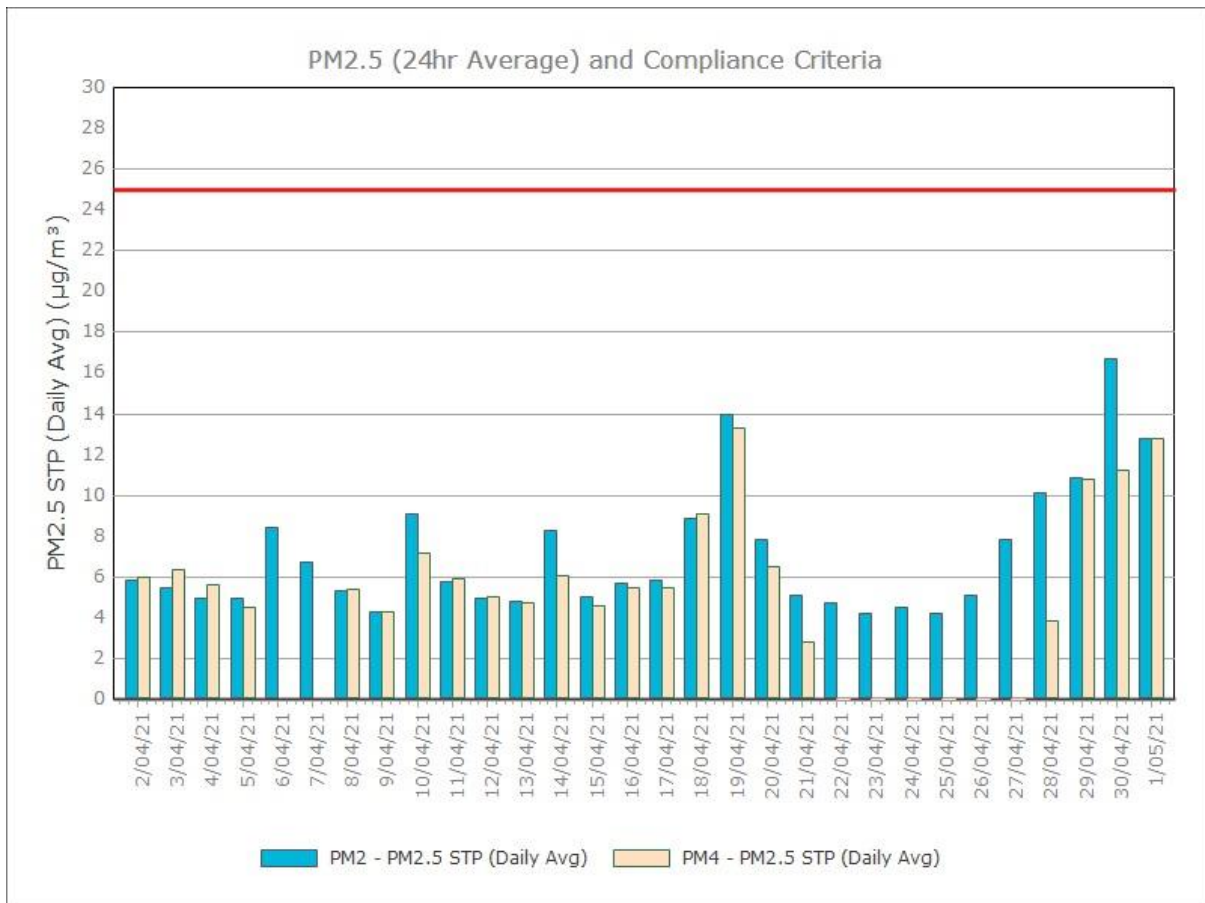
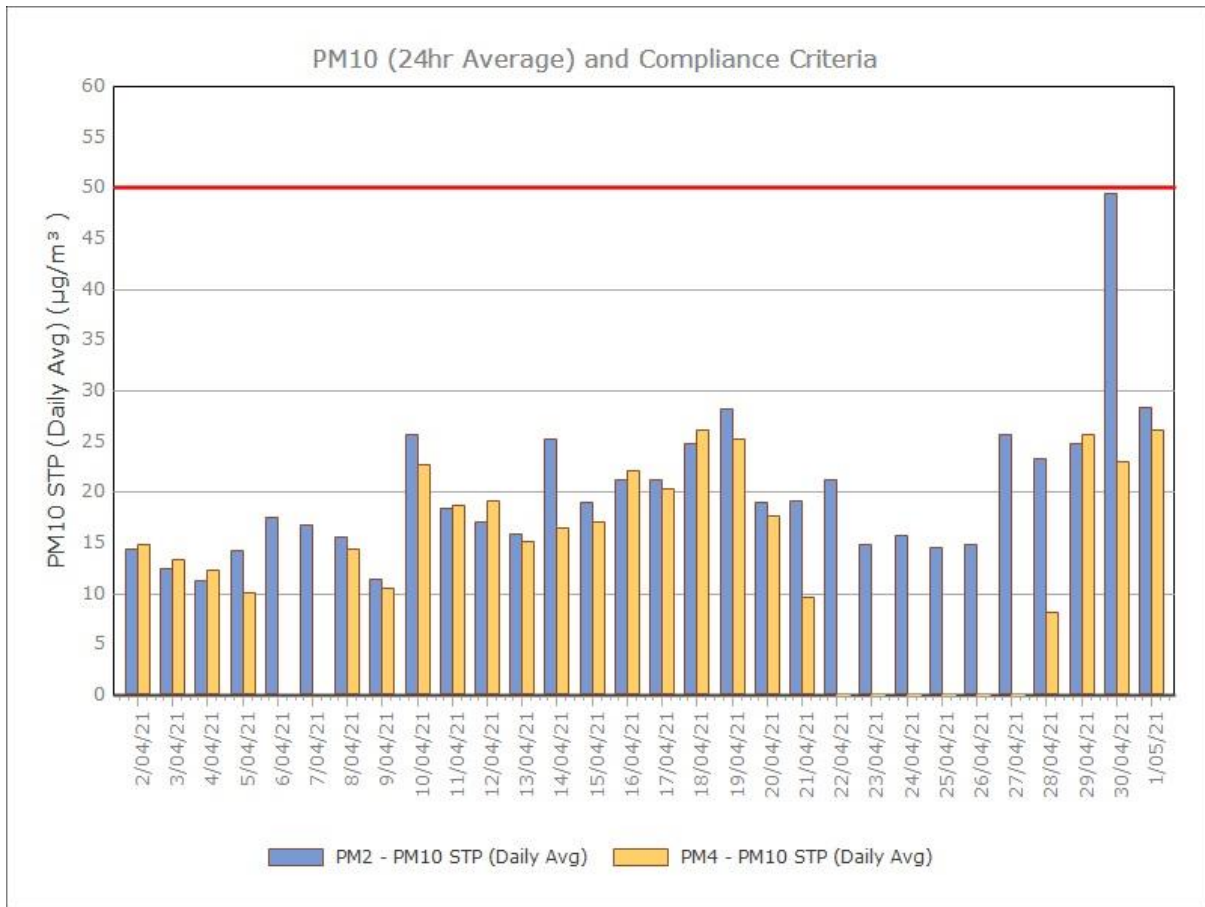


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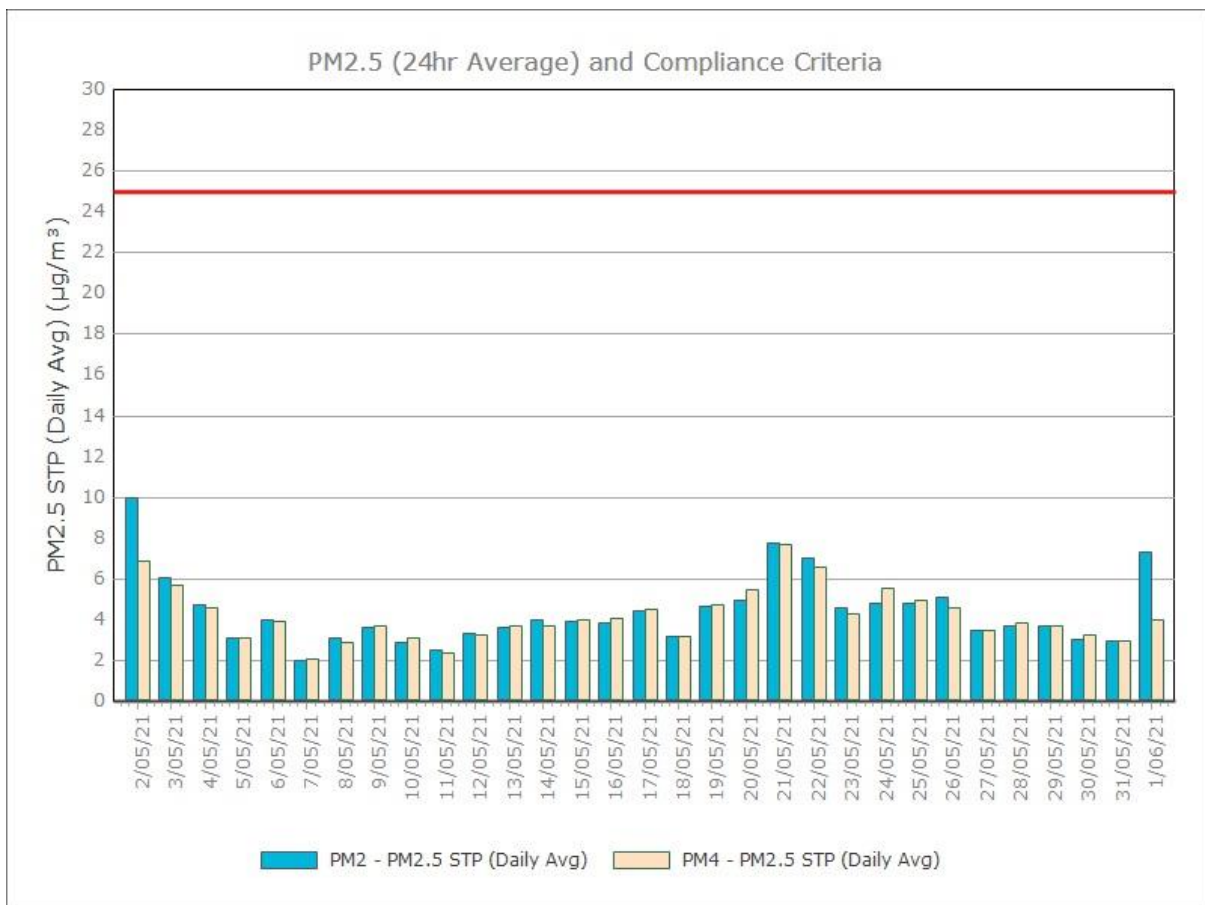
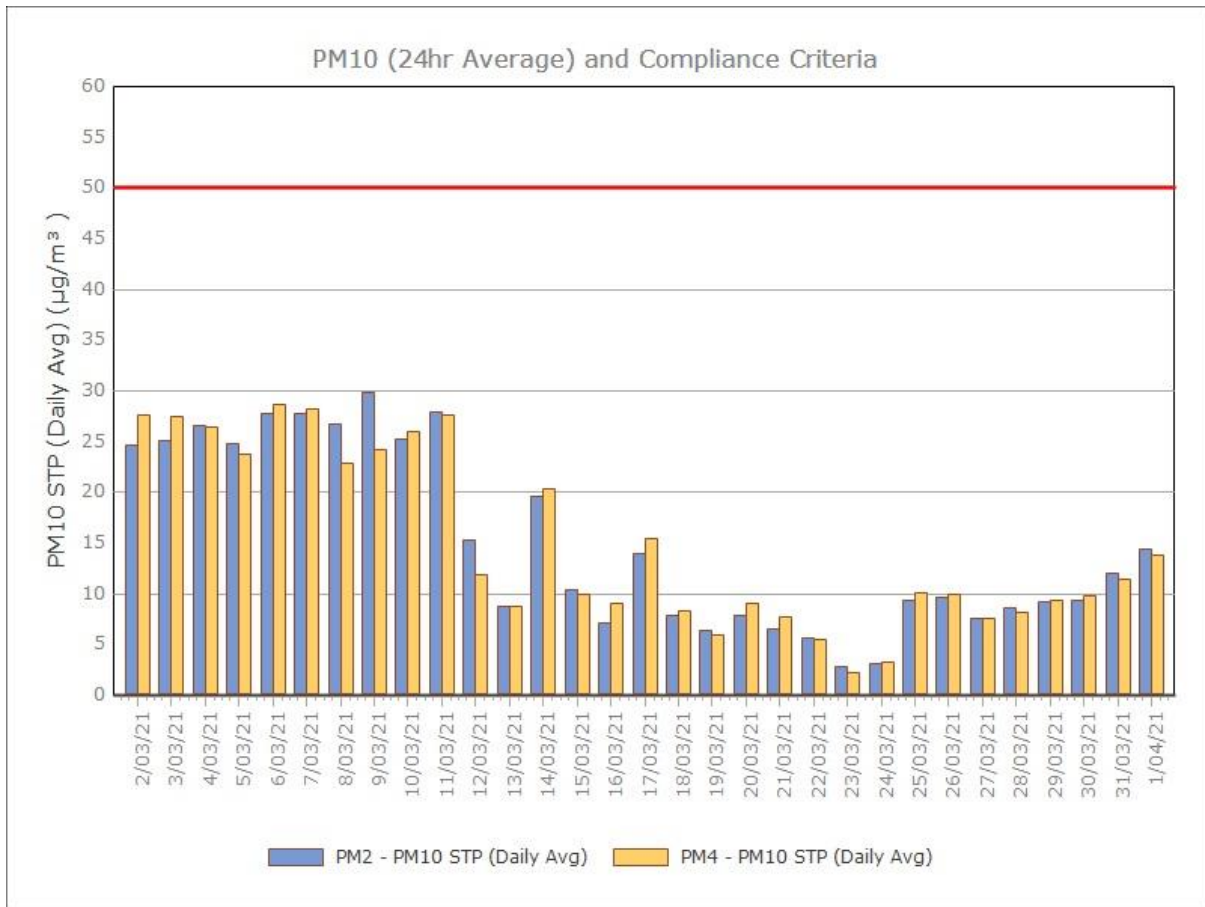




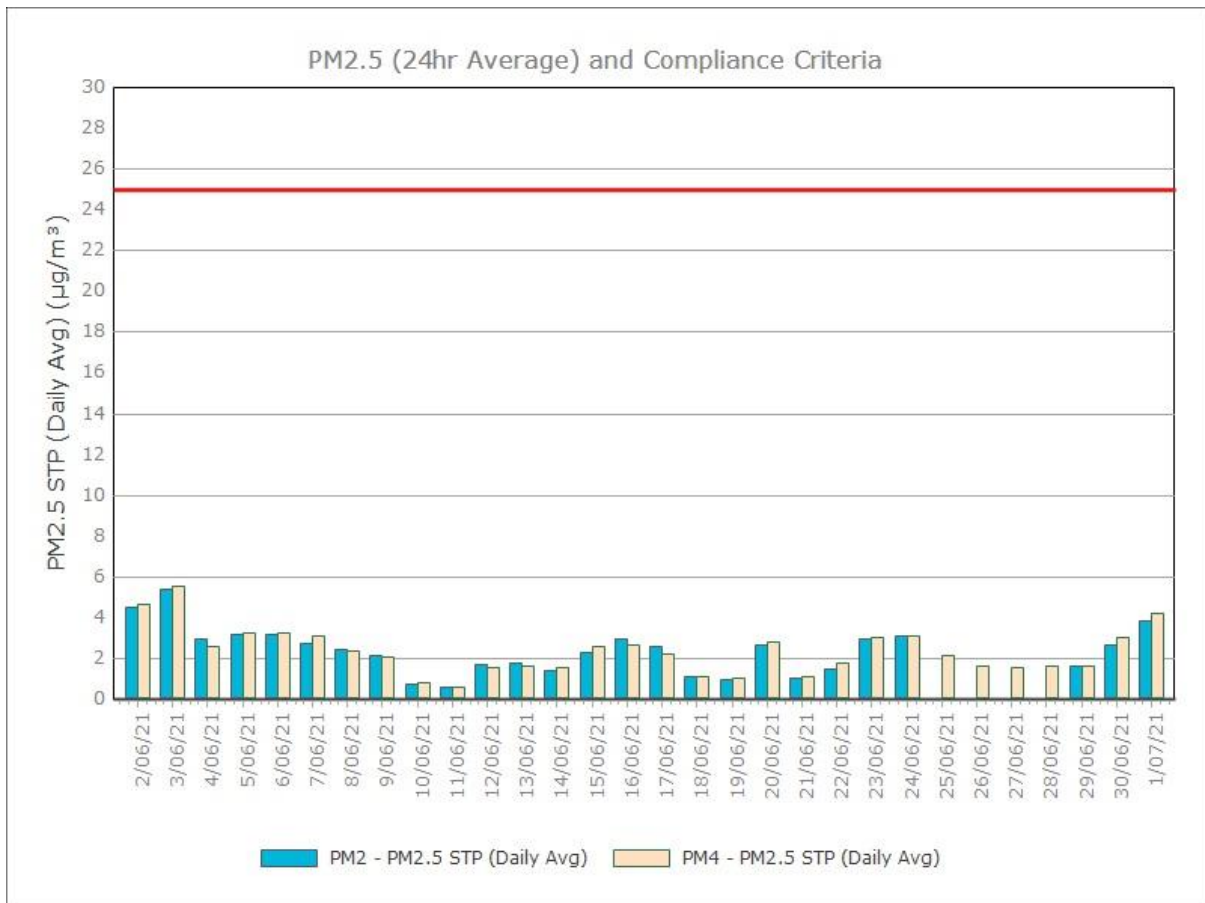
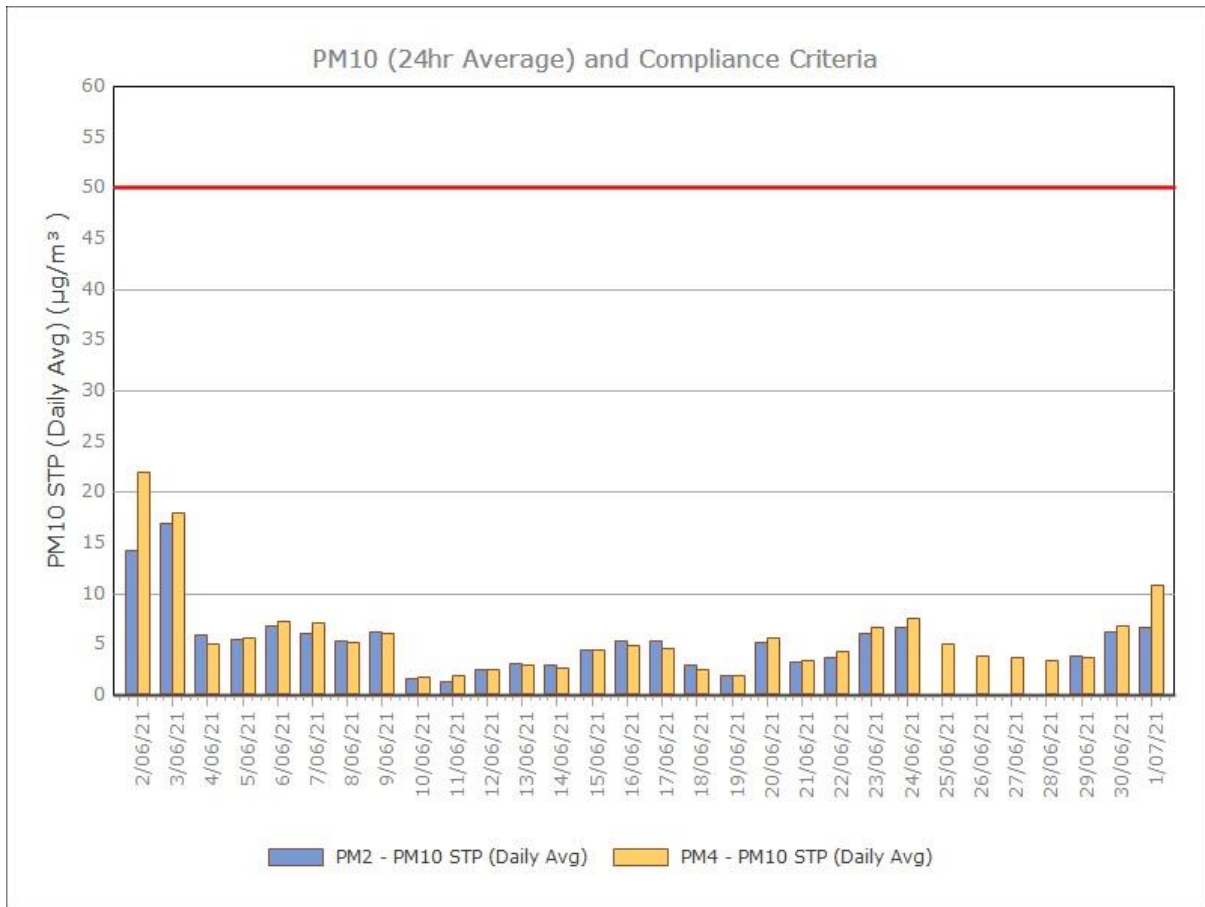
# April 2021



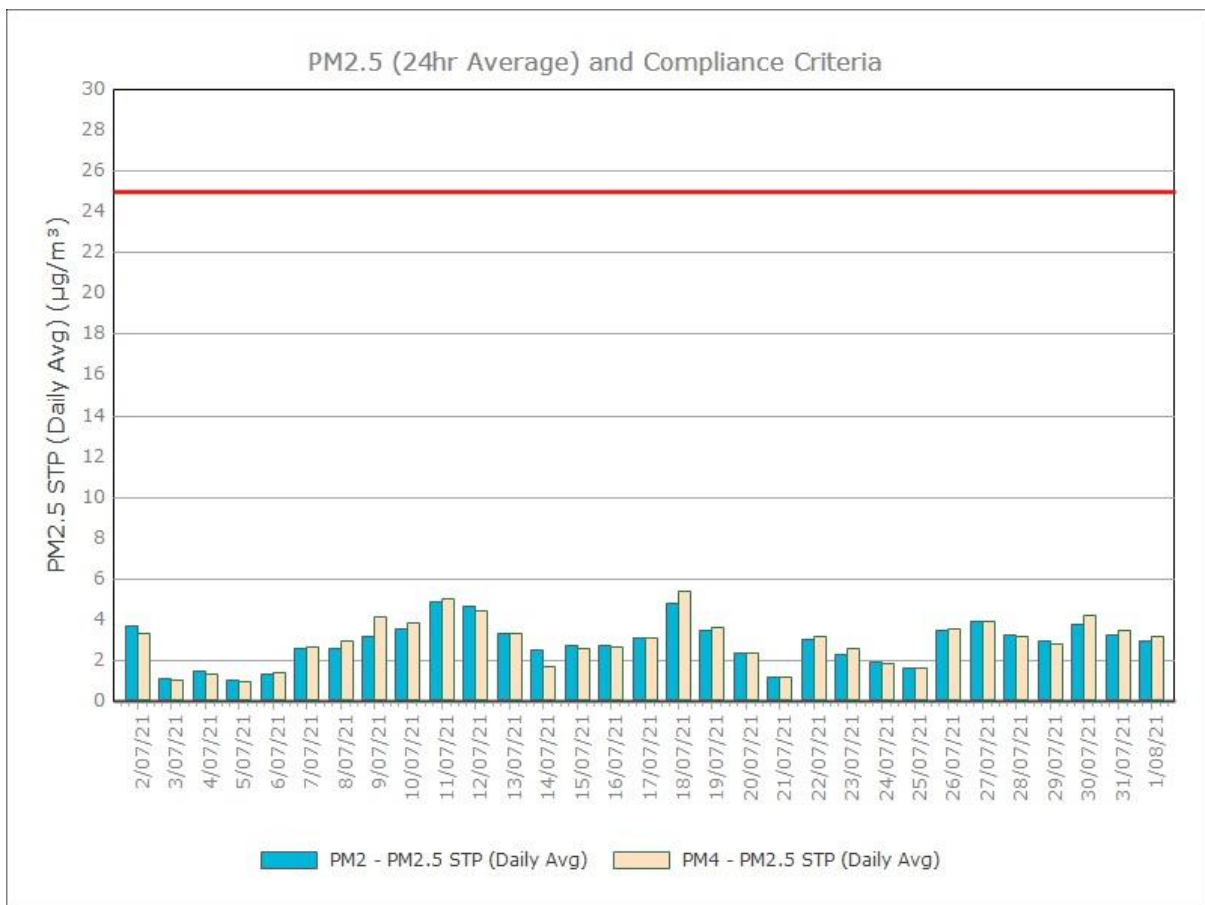
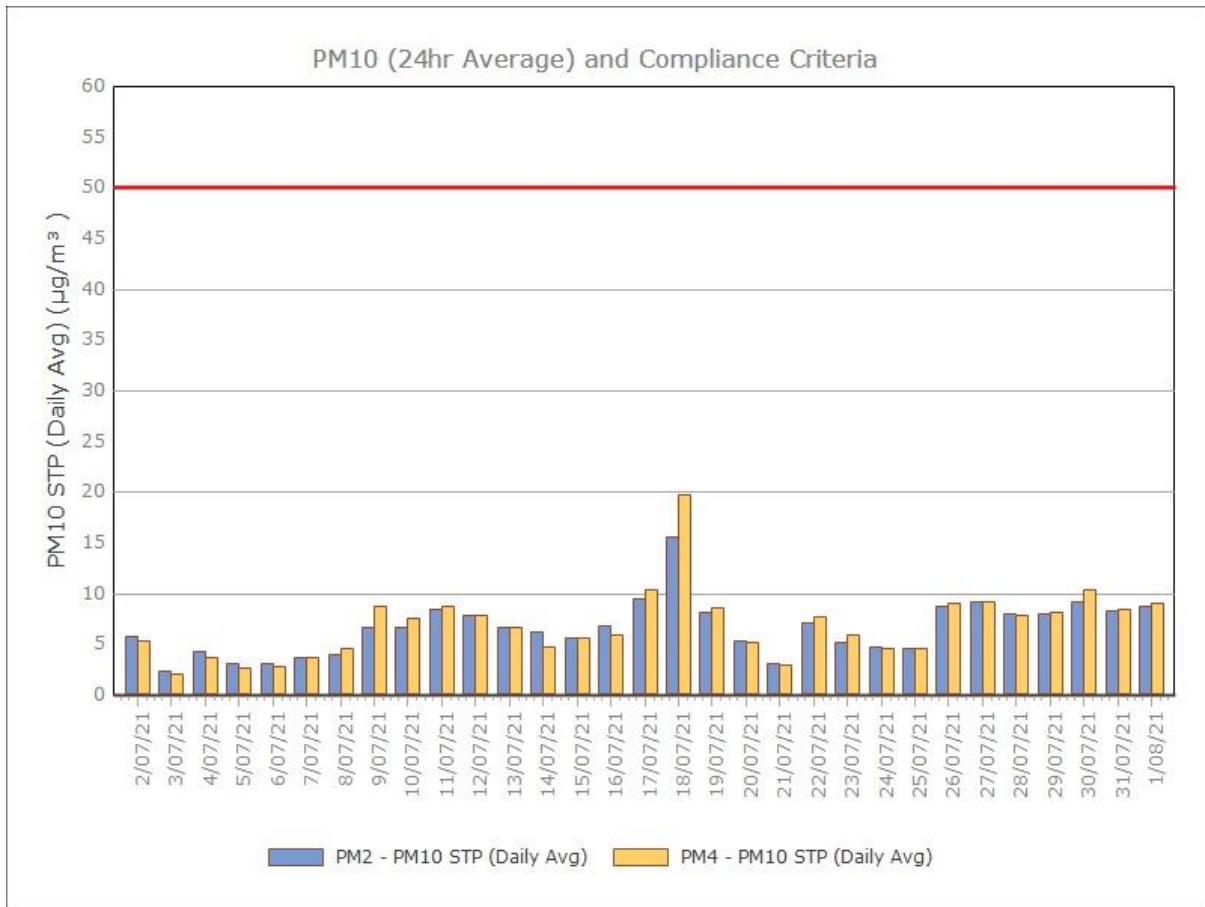
# May 2021



# June 2021



# July 2021



# August 2021

