

sunrise
energy metals

2023 ENVIRONMENTAL MONITORING RESULTS

AIR QUALITY

Published Date: 19 September 2023

Premises:
Sunrise Project
Wilmatha Road
Fifield, NSW, 2875

[Environment Protection Licence #21146](#)

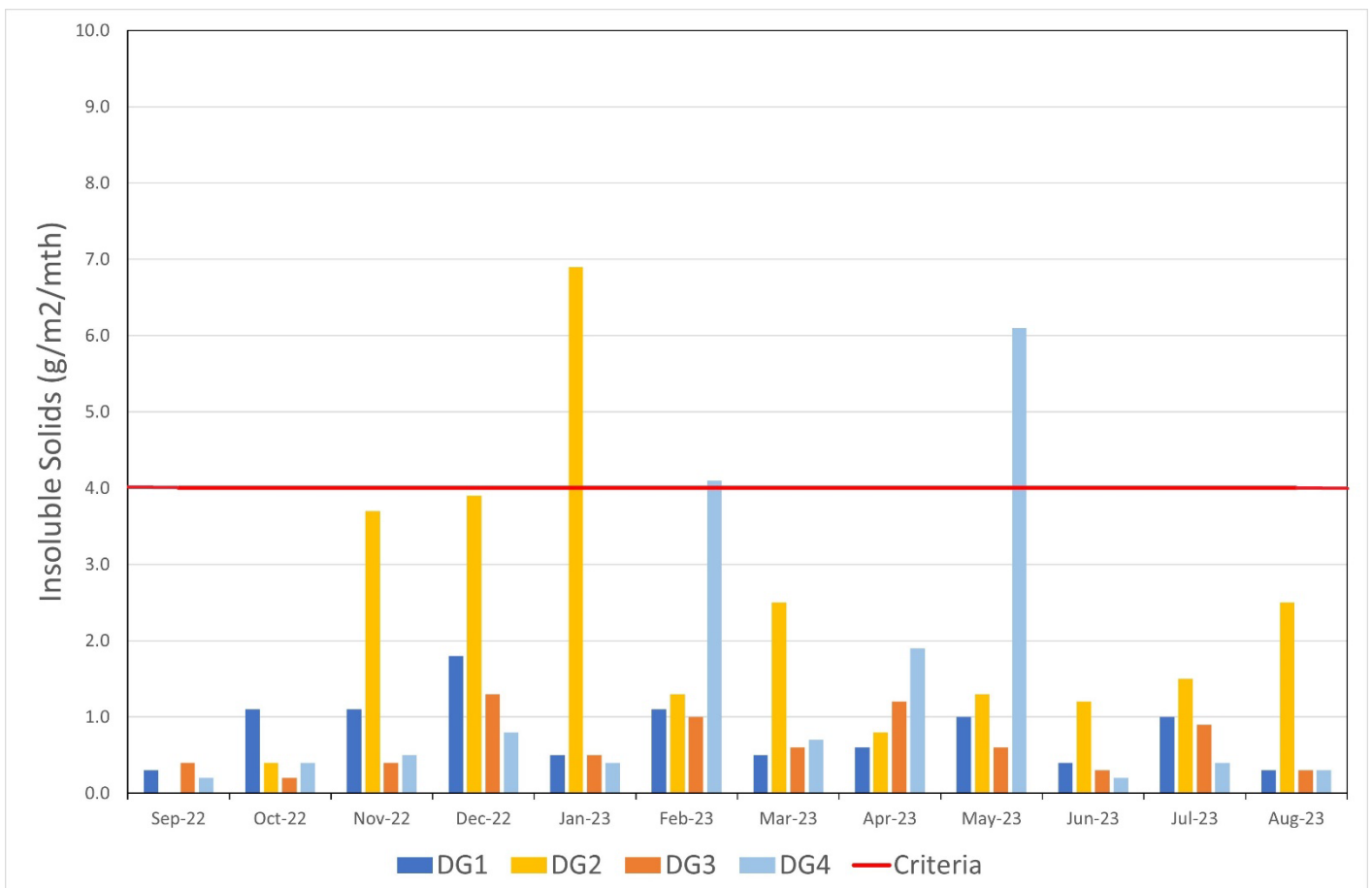
Dust Deposition

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 | 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 | | | | | | | |
| October | | | | | | | |
| November | | | | | | | |
| December | | | | | | | |
| Average (Mean) | | | | 0.8 | 2.4 | 0.6 | 1.6 |
| Median | | | | 0.8 | 1.7 | 0.6 | 0.6 |
| Maximum | | | | 1.2 | 6.9 | 1.0 | 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 – August 2023

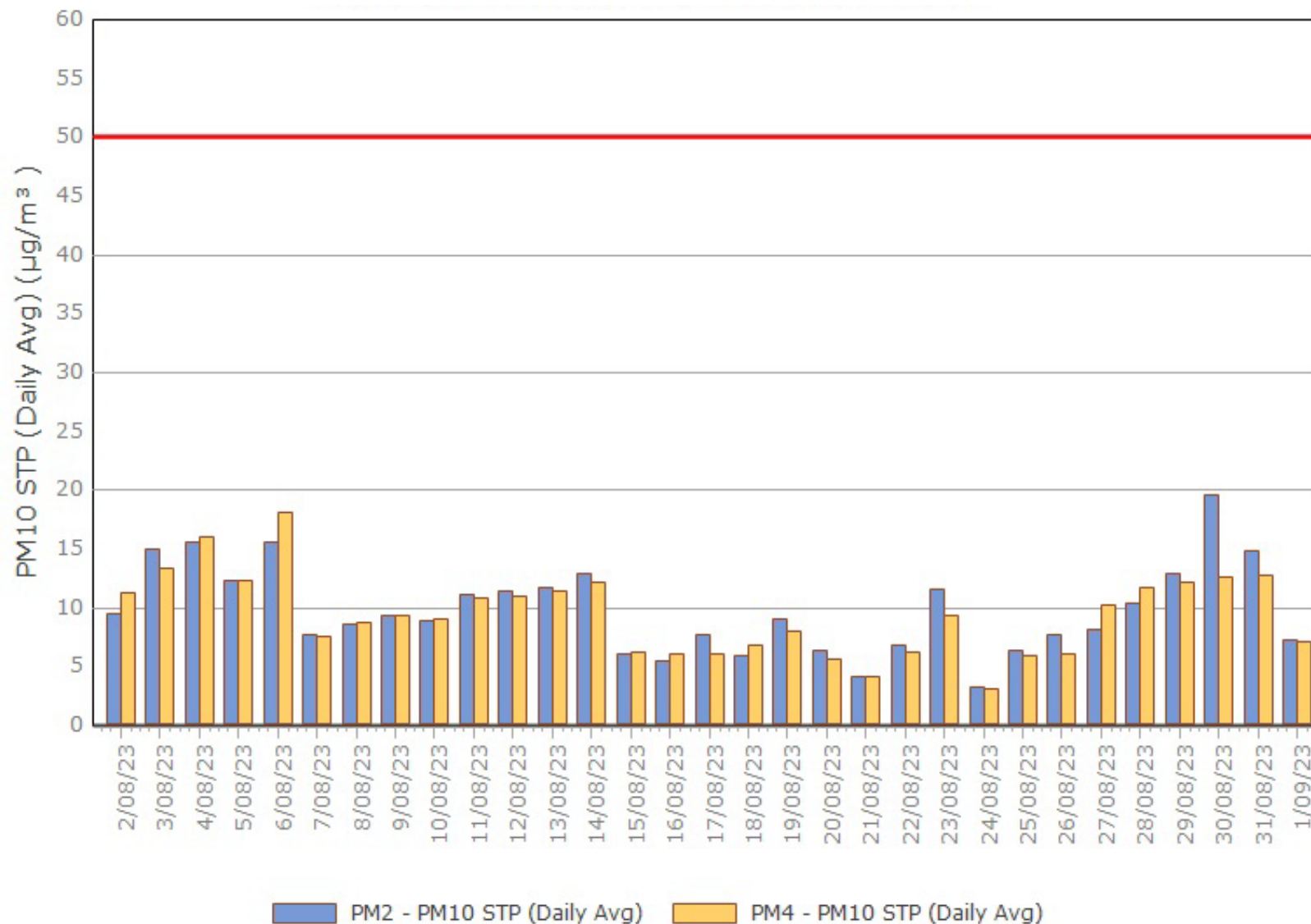
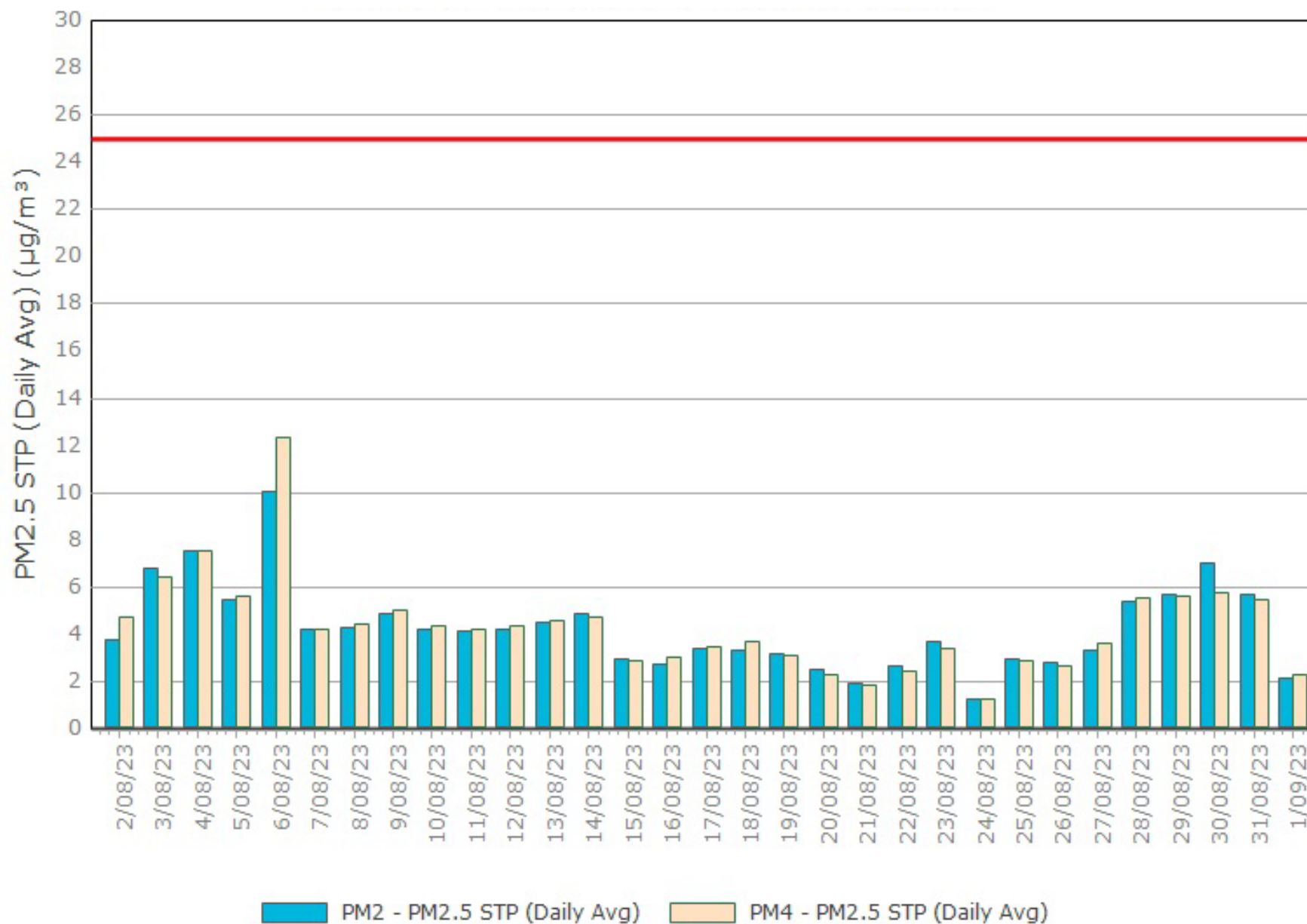


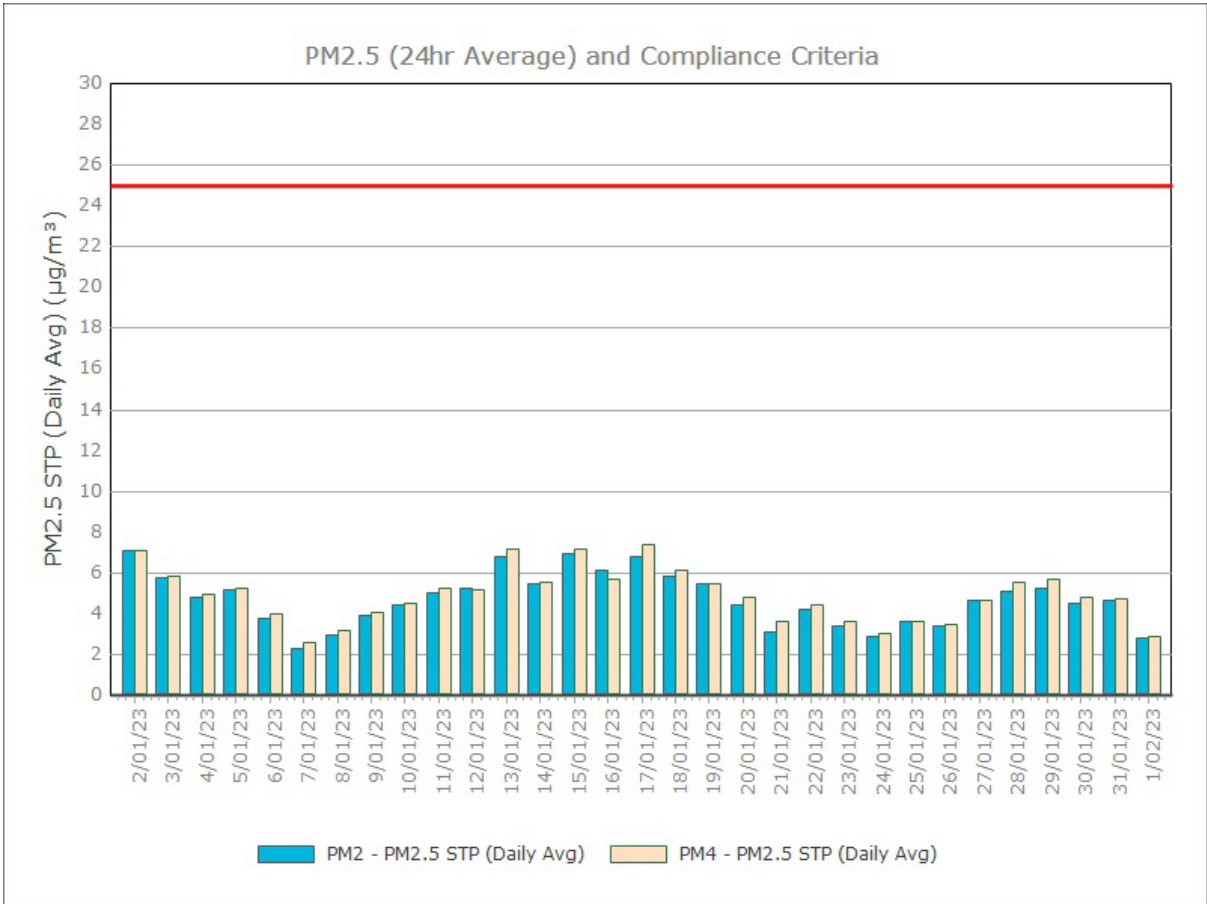
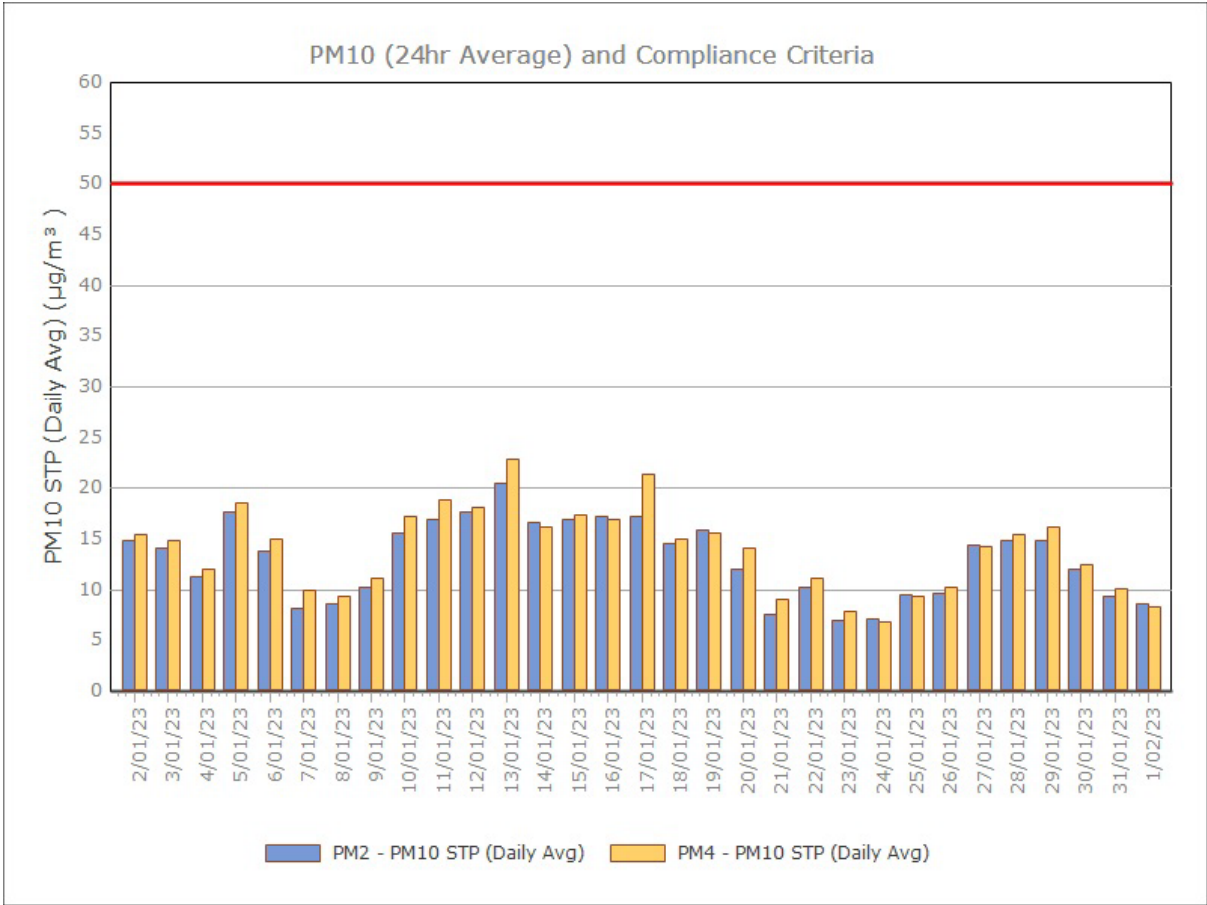
Figure 3. PM2.5 (24 hr Average) with Compliance Criteria – August 2023



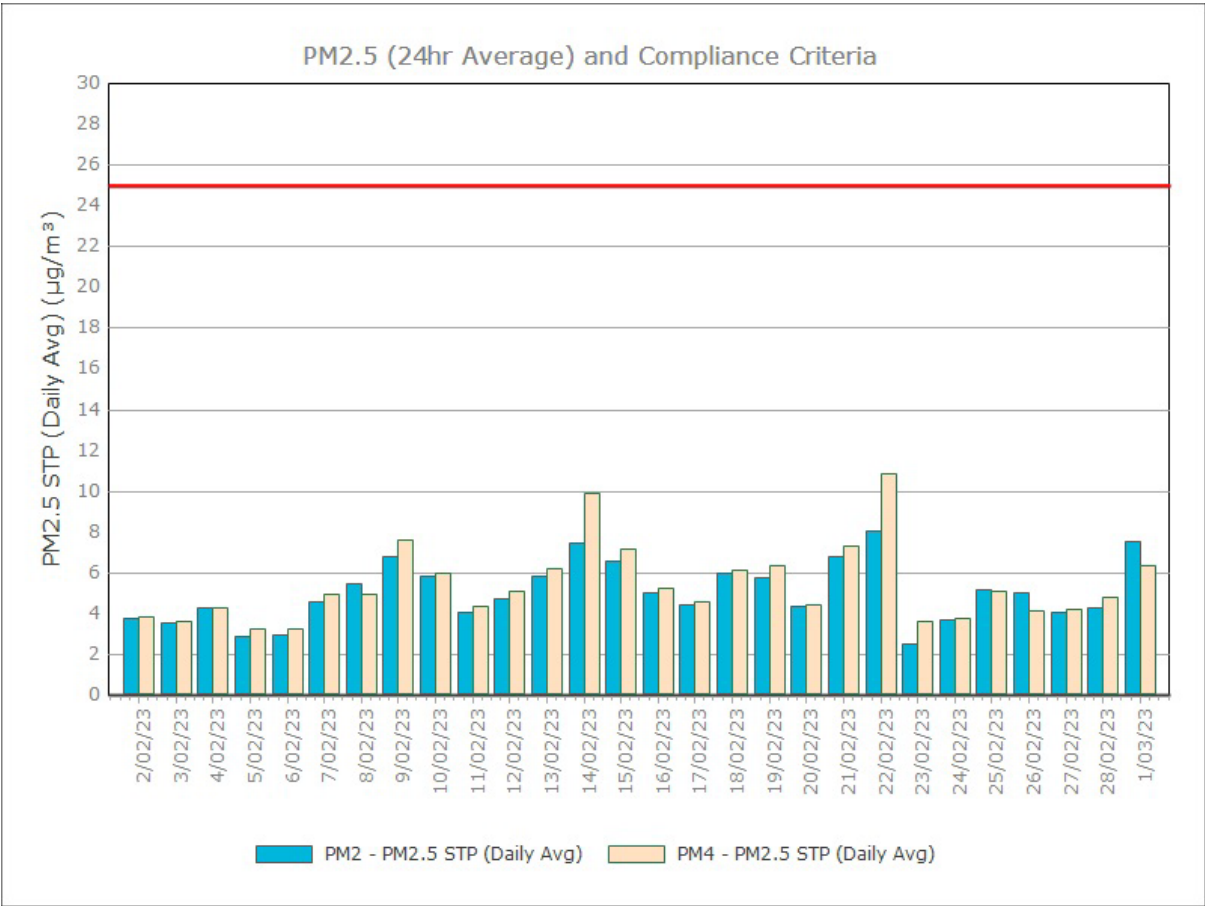
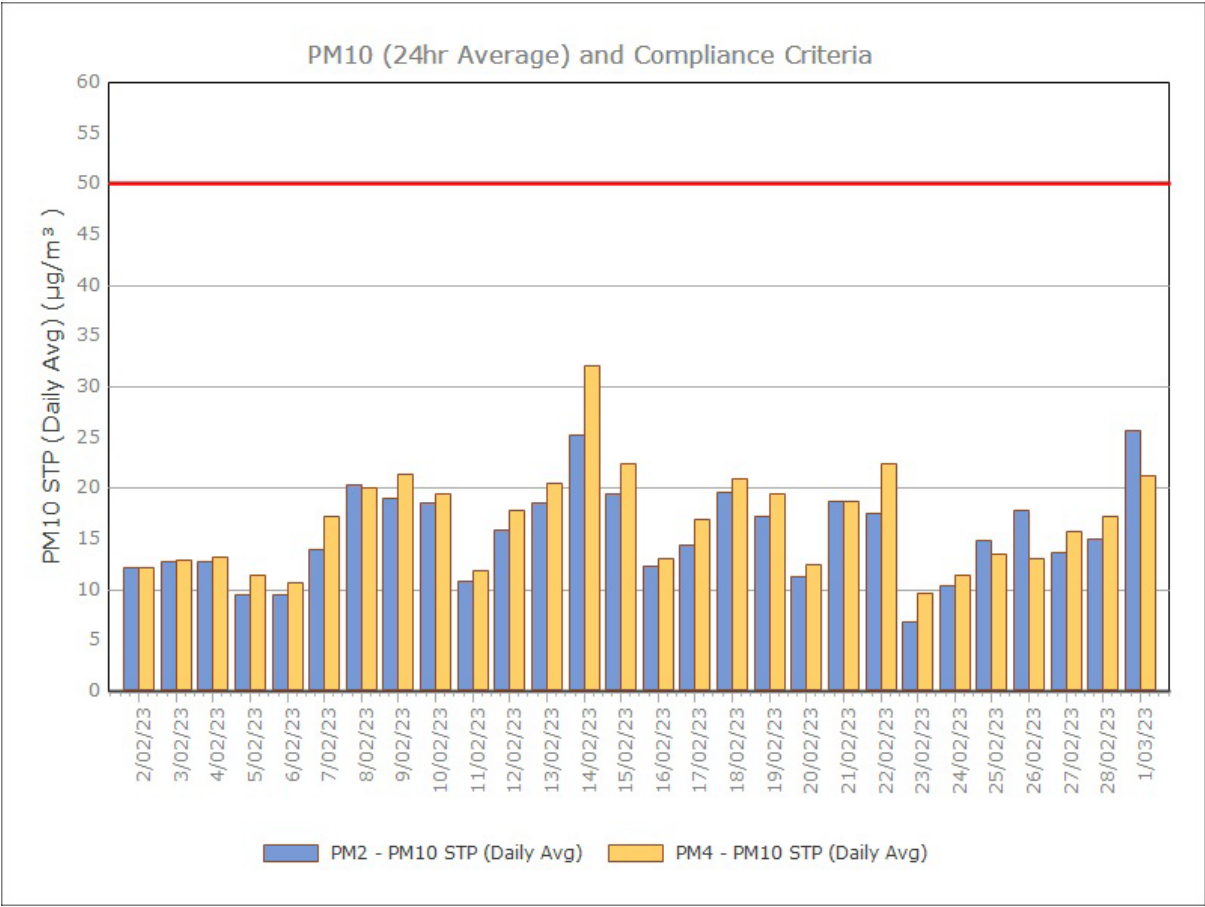
APPENDIX:

MONTHLY GRAPHS

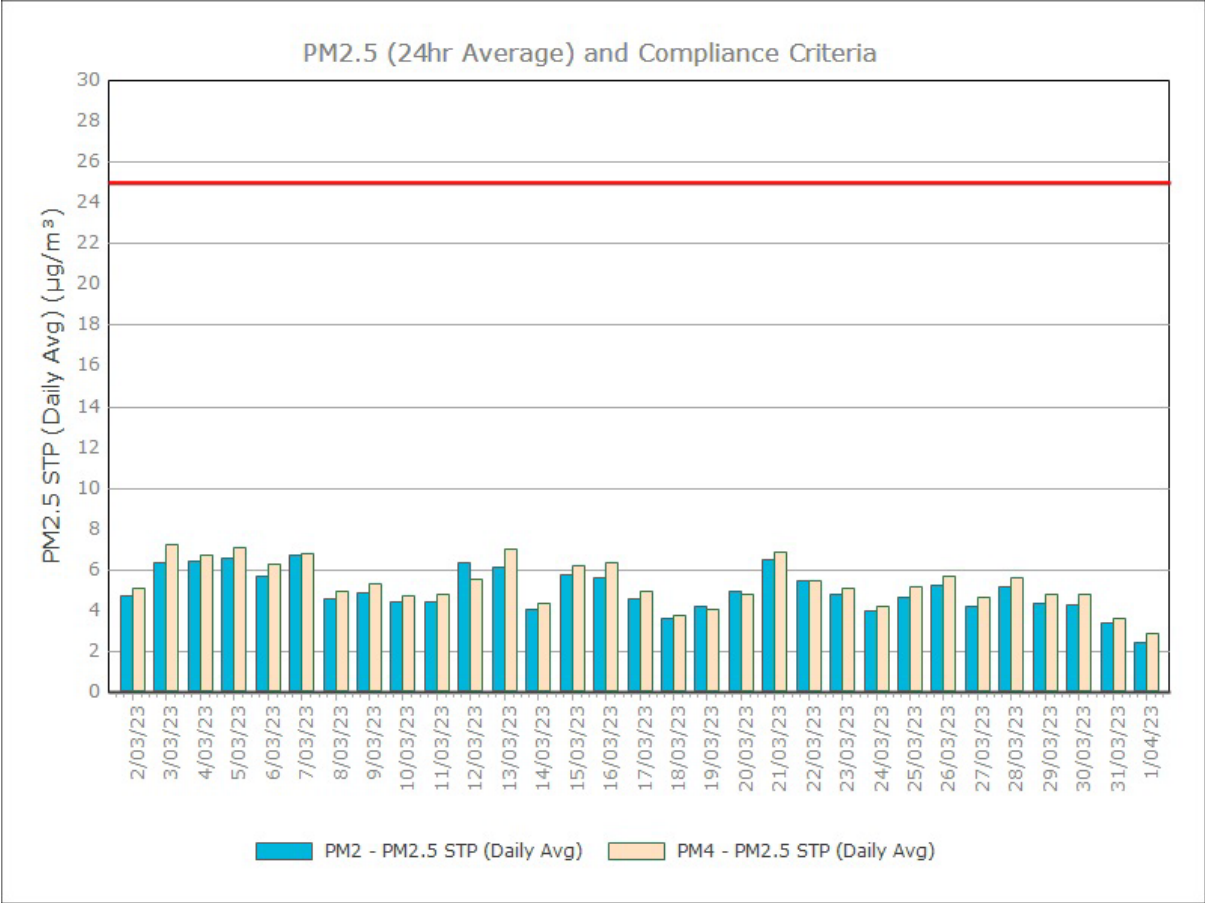
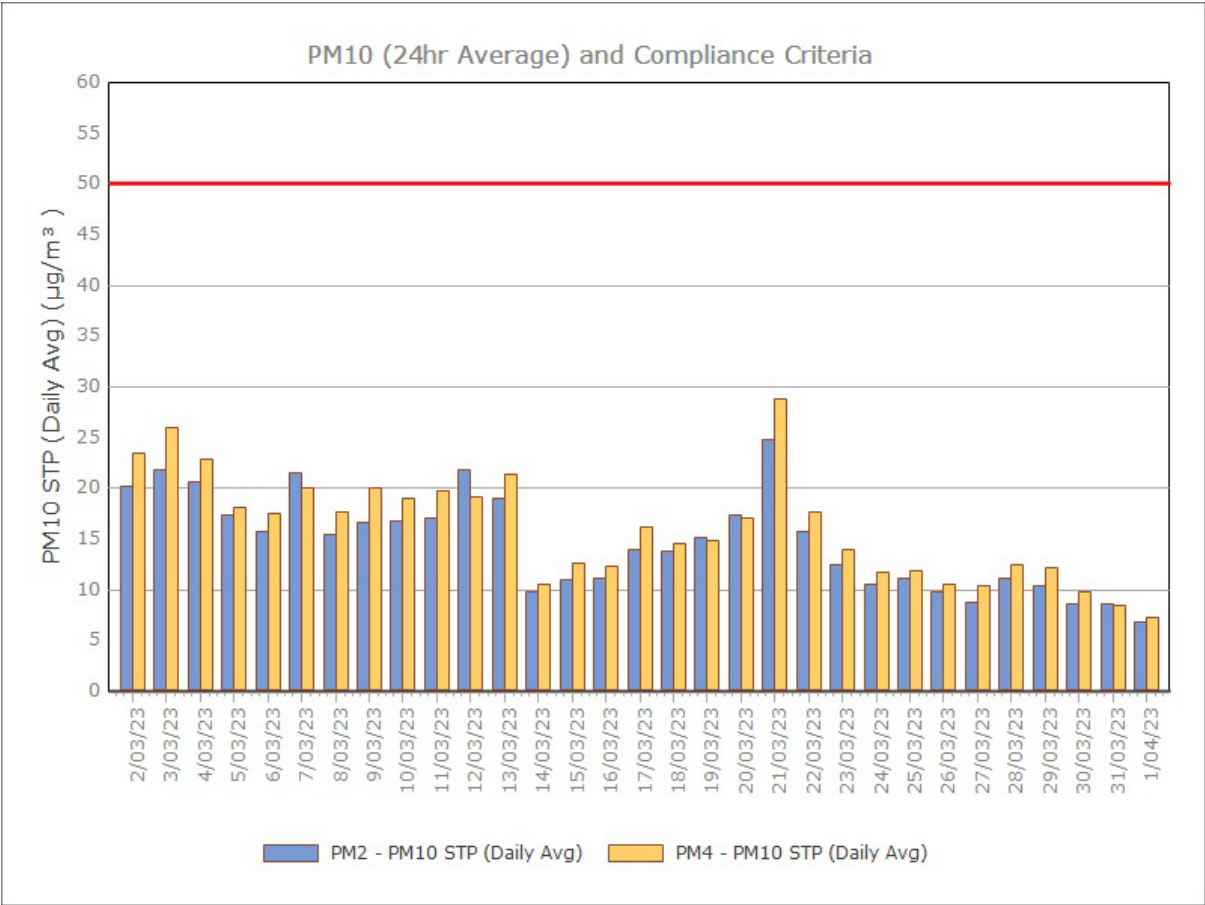
January 2023



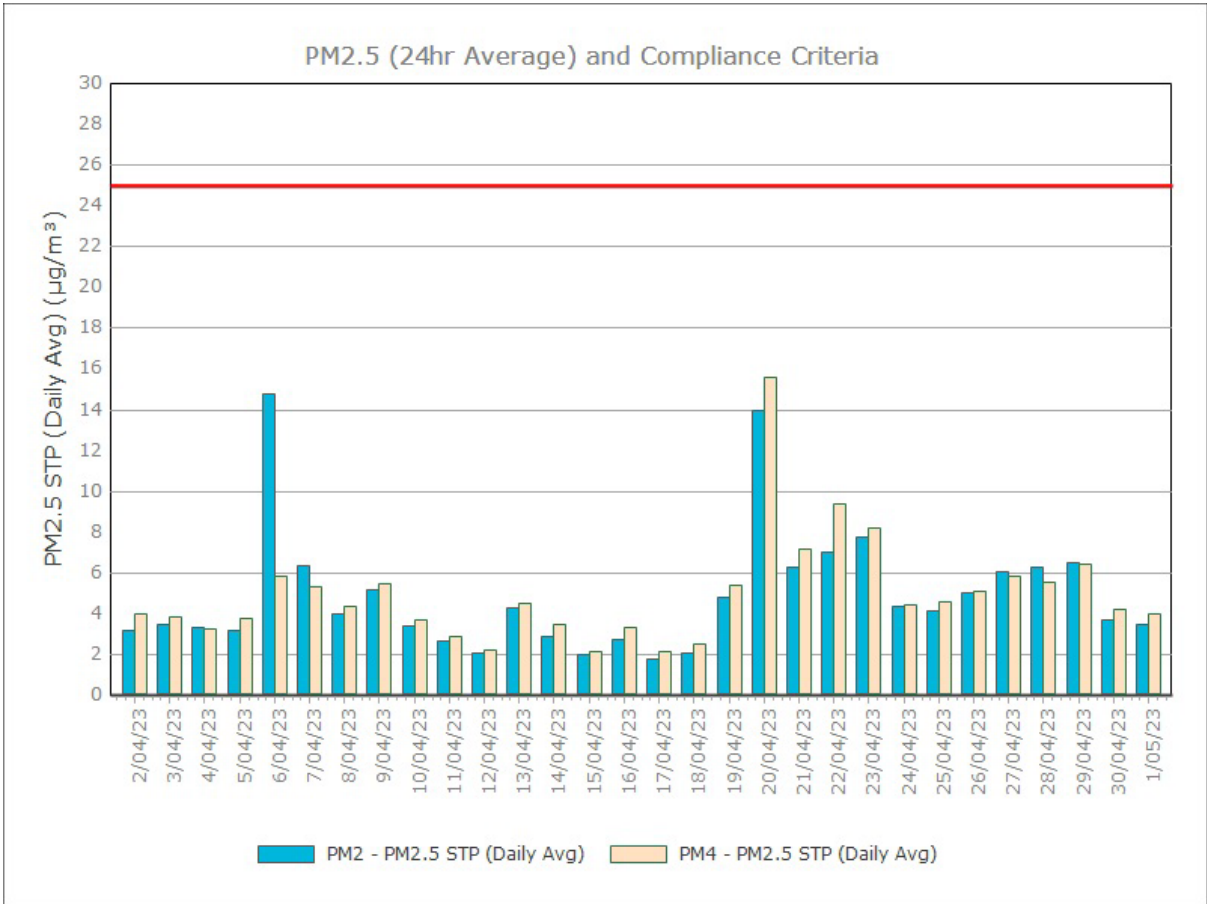
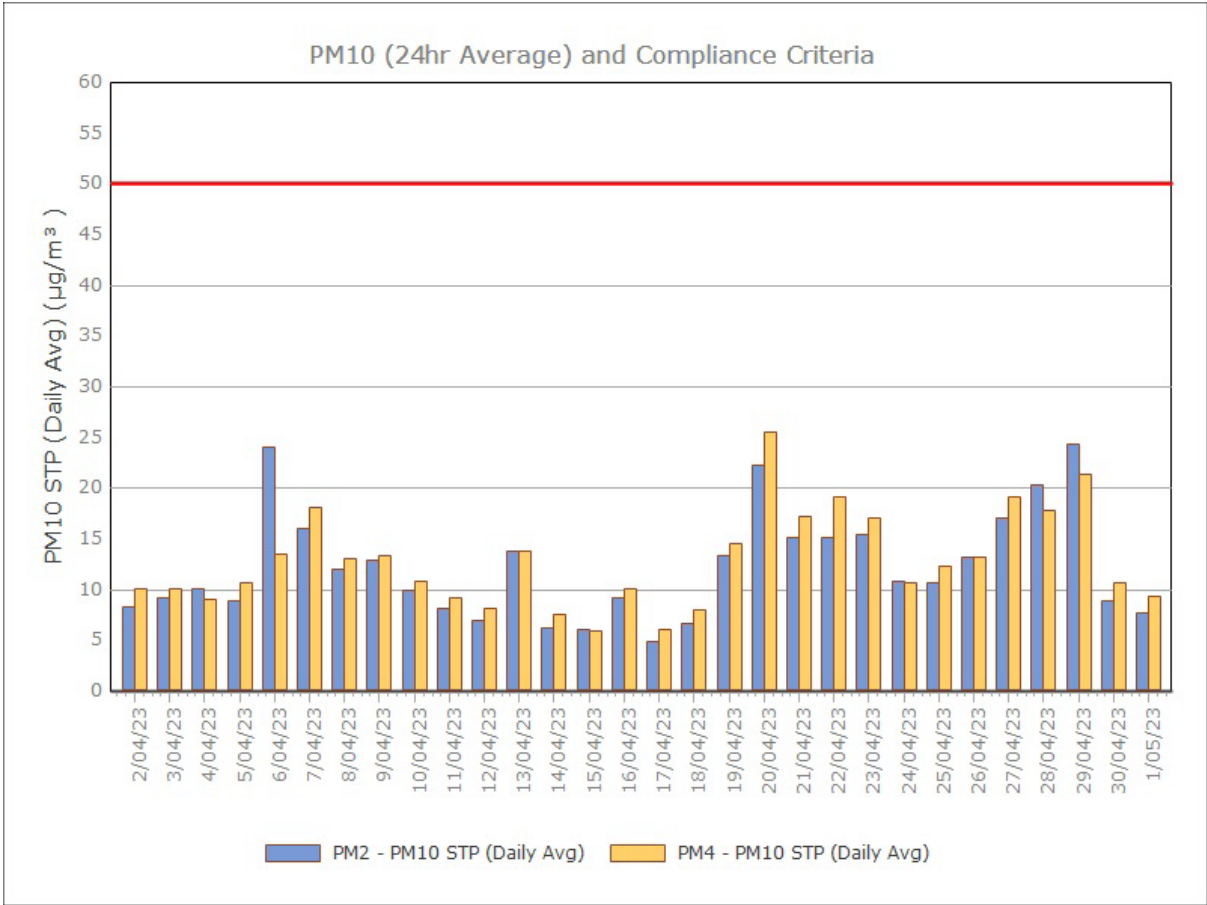
February 2023



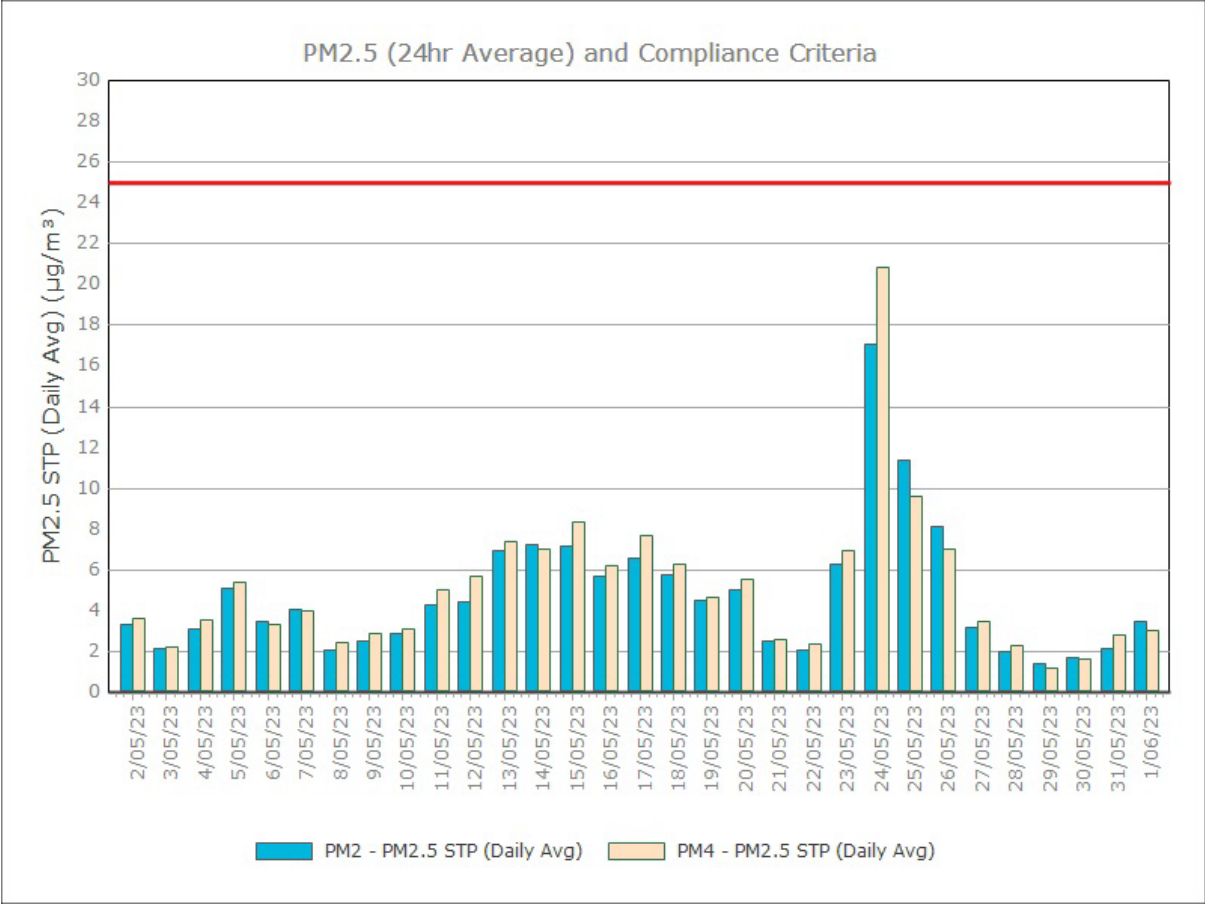
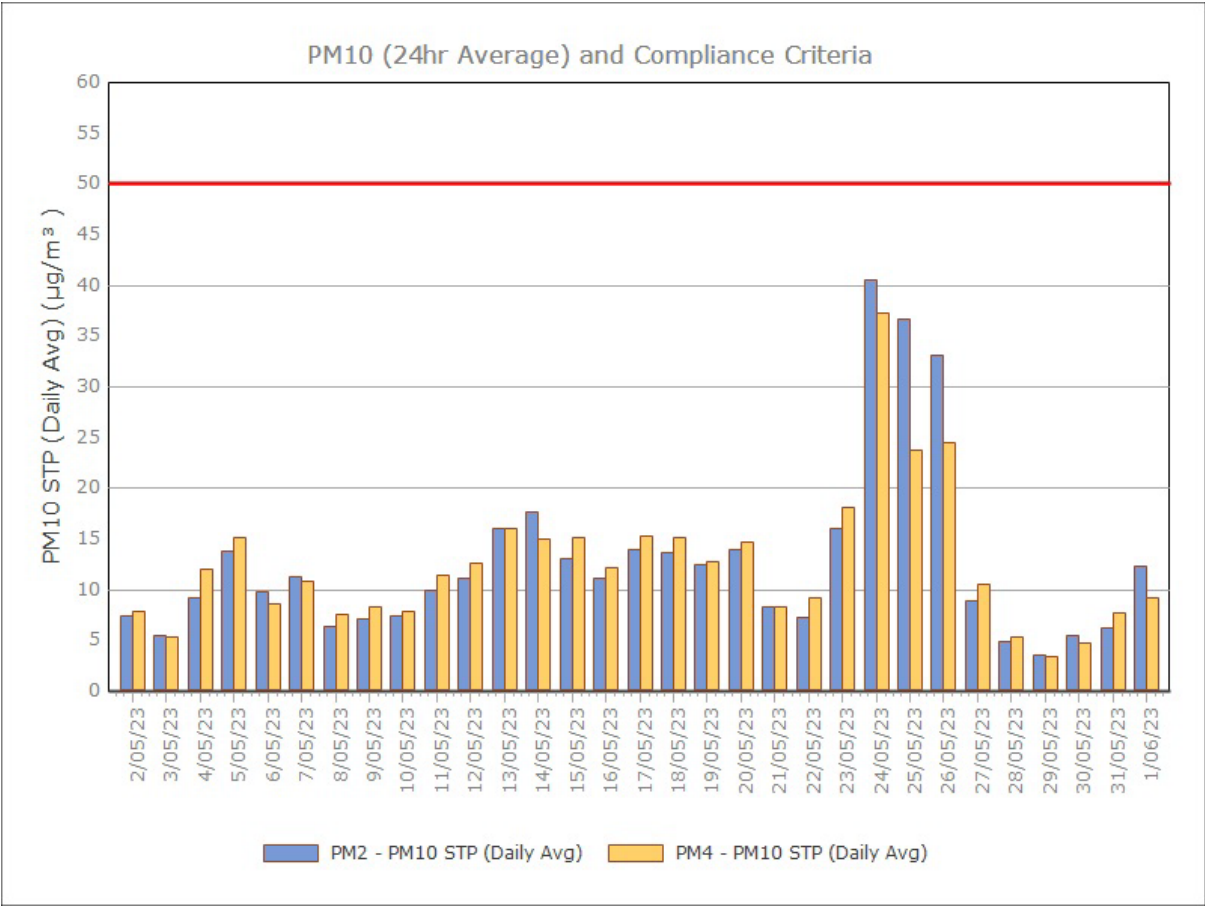
March 2023



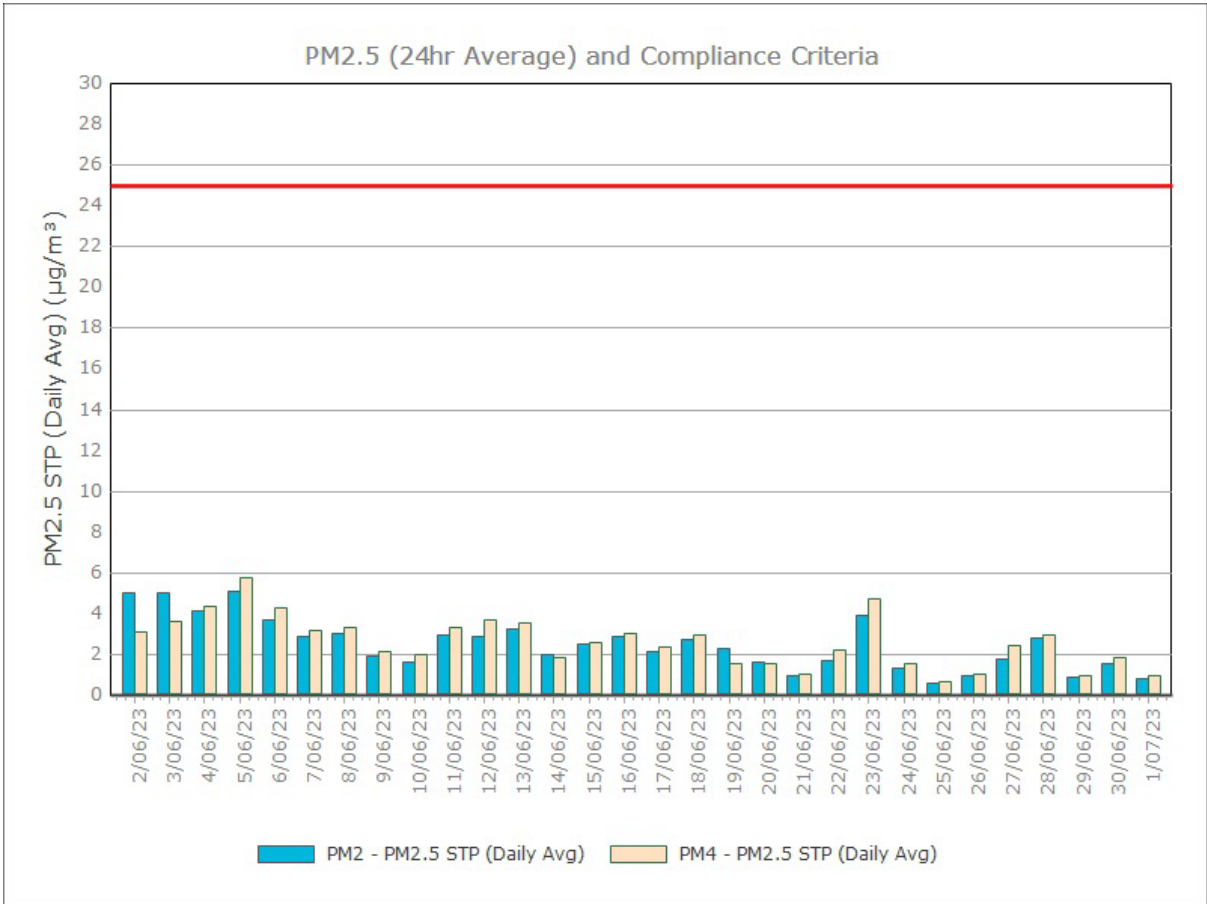
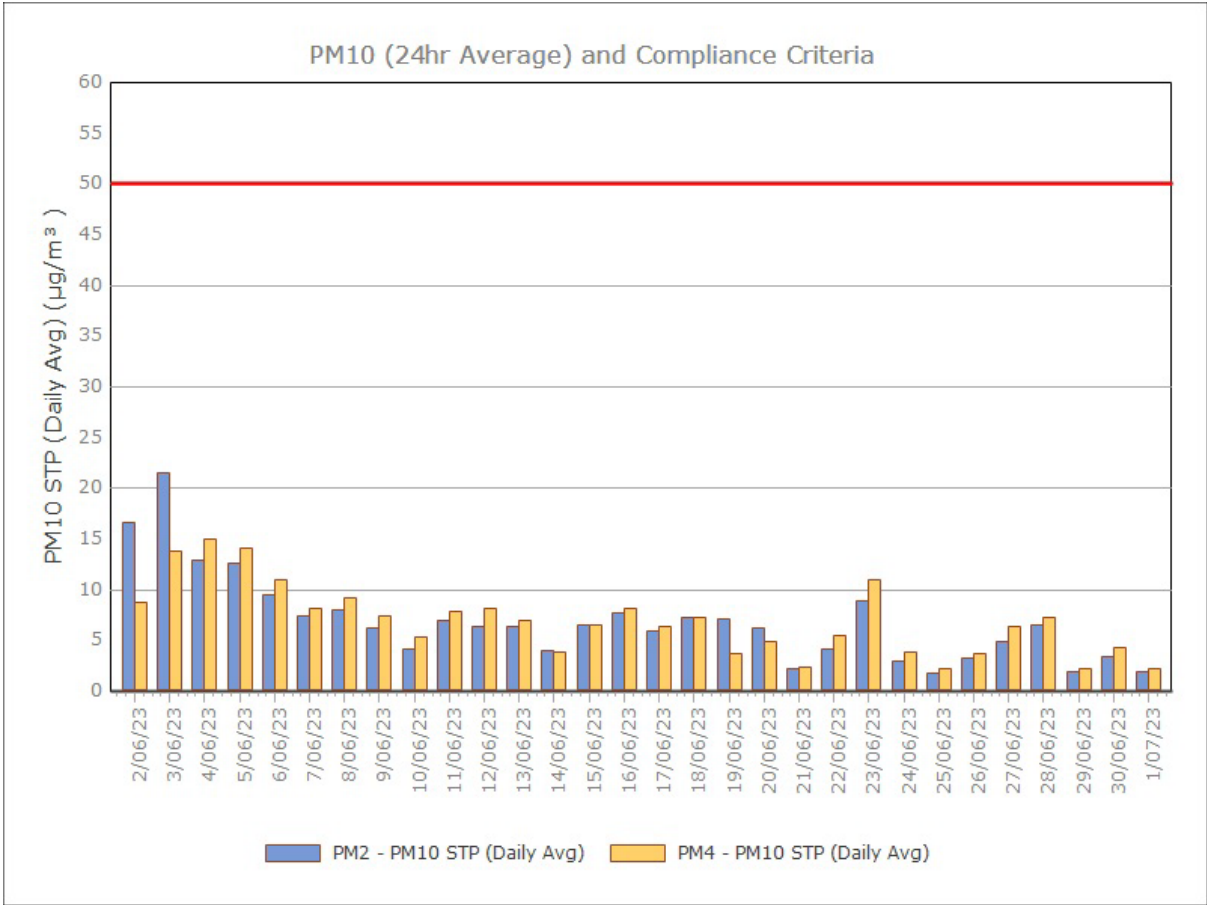
April 2023



May 2023



June 2023



July 2023

