

2021 ENVIRONMENTAL MONITORING RESULTS

AIR QUALITY - JUNE

Published Date: 27 July 2021

Premises: Sunrise Project Wilmatha Road Fifield, NSW, 2875

Environment Protection Licence #21146



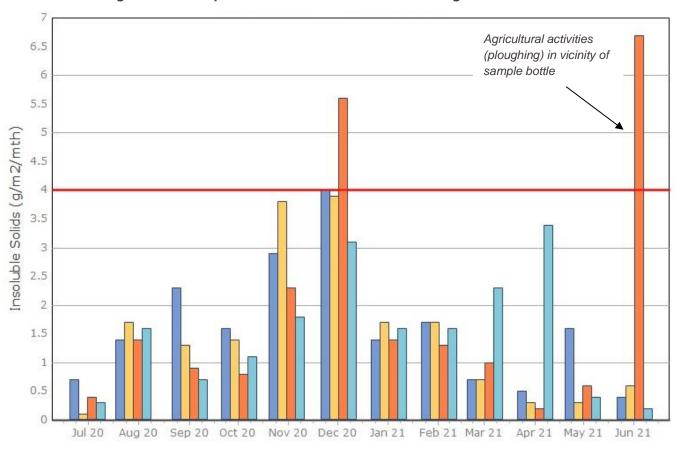
Dust Deposition

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

		Results			Insoluble Solids (g/m2/mth)			
Month	Sample Period	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	10/06/21	23/05/21	1.6	0.3	0.6	0.4	
June	1/6/21 – 1/7/21	15/07/21	19/07/21	0.4	0.6	6.7	0.2	
July								
August								
September								
October								
November								
December								
	Average (Mean)			1.15	0.73	1.92	1.77	
			Median	1.15	0.65	1.15	1.95	
			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



Sunrise Energy Metals Limited Page 1 of 9

■ DG1 ■ DG2 ■ DG3 ■ DG4

Particulate Matter



Monitoring Points:

- PM2- Northern boundary of Mining Lease 1770
- PM4- Adjacent the Accommodation Camp South West of Mining Lease 1770

60 55 50 STP (Daily Avg) (µg/m3 45 25 20 PM10 PM2 missing data (24-28 Jul) - investigation pending 15 10 5 13/06/21 3/06/21 4/06/21 6/06/21 7/06/21 8/06/21 1/07/21 2/06/21 5/06/21 9/06/21 10/06/21 11/06/21 12/06/21 14/06/21 15/06/21 16/06/21 17/06/21 18/06/21 19/06/21 20/06/21 21/06/21 22/06/21 23/06/21 24/06/21 25/06/21 26/06/21 27/06/21 28/06/21 29/06/21 30/06/21

PM4 - PM10 STP (Daily Avg)

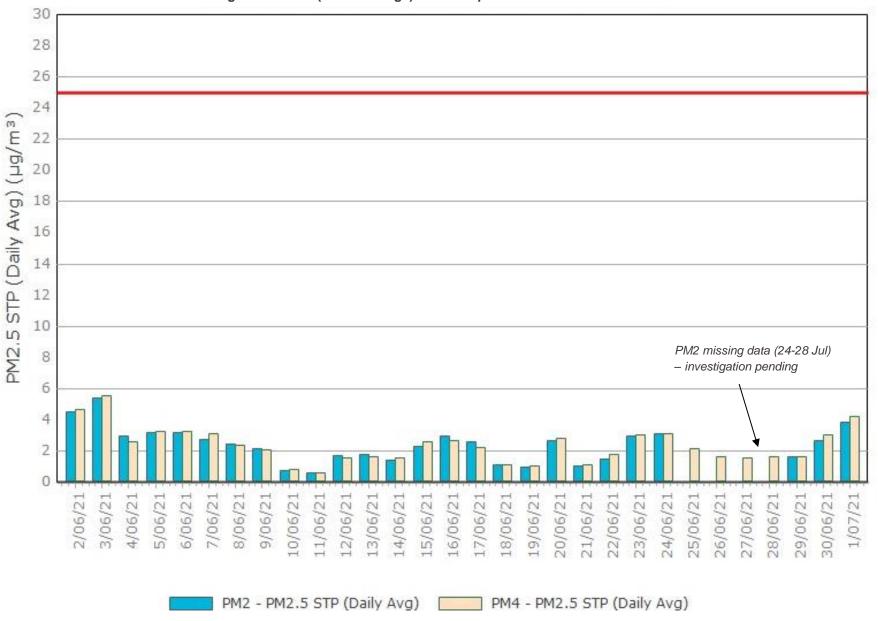
Figure 2. PM10 (24 hr Average) with Compliance Criteria - June 2021

Page 2 of 9

PM2 - PM10 STP (Daily Avg)







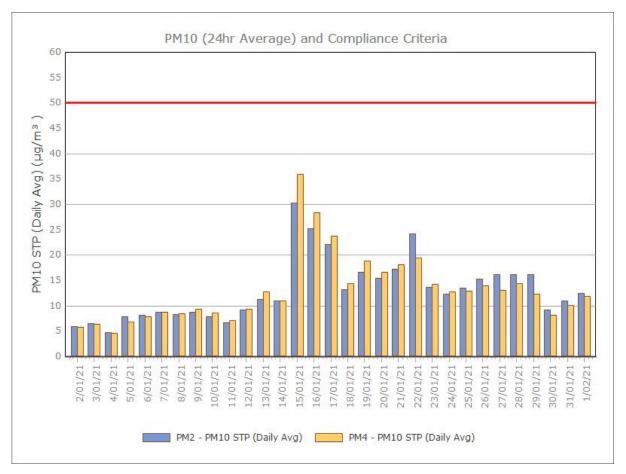
Page 3 of 9

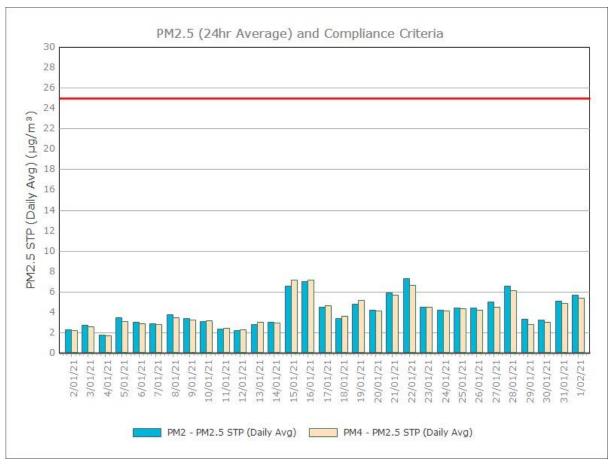
APPENDIX:

Particulate Monitoring Monthly Monitoring Results

Sunrise Energy Metals Limited Page 4 of 9

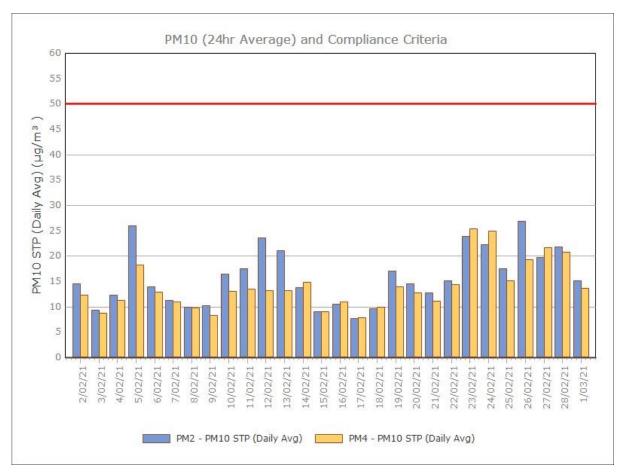
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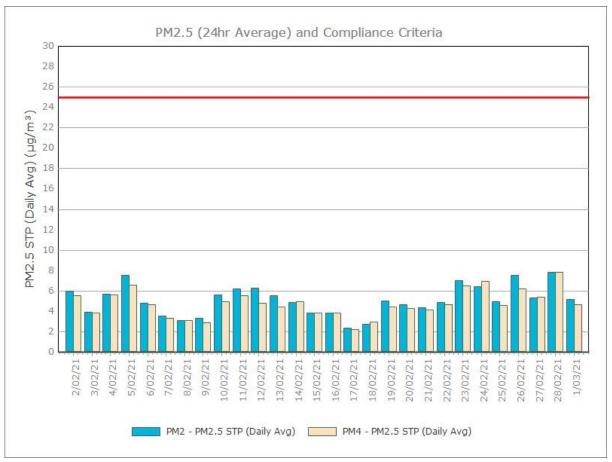




Page 5 of 9

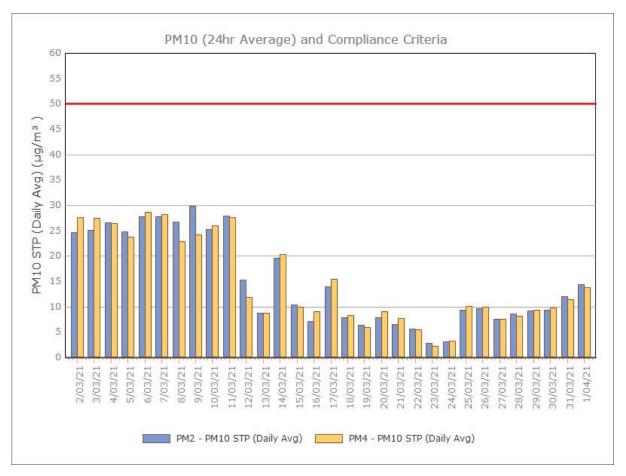
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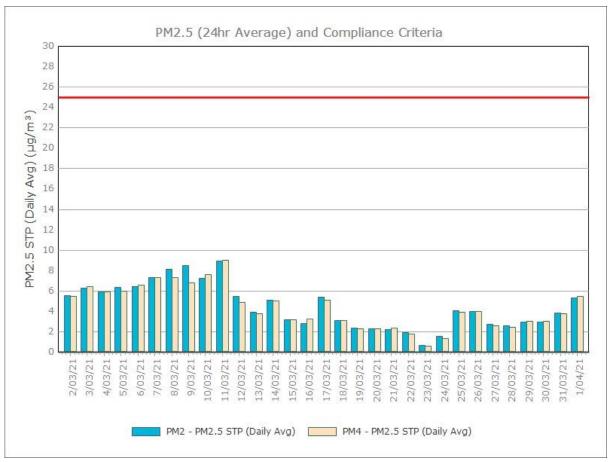




Sunrise Energy Metals Limited Page 6 of 9

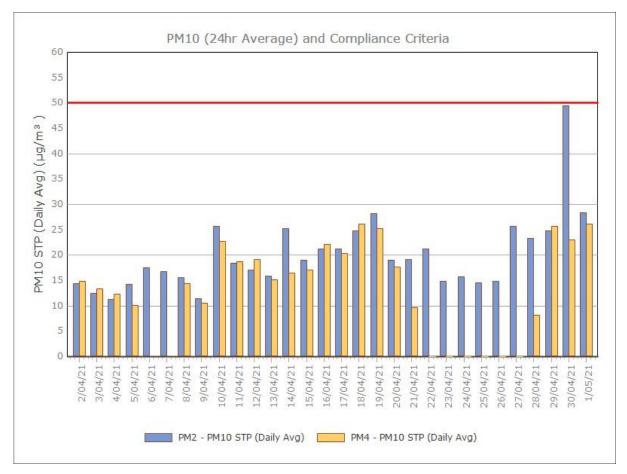
March 2021

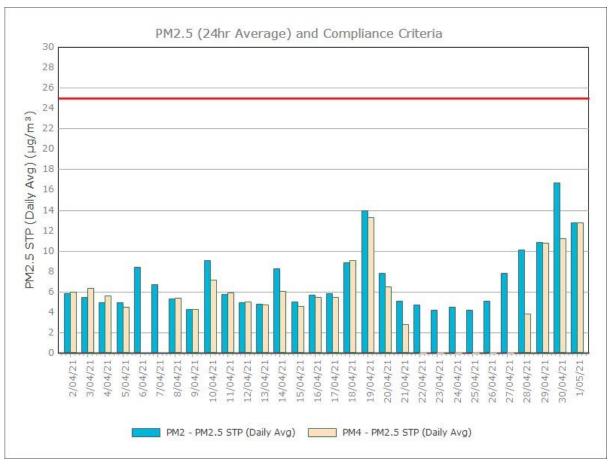




Sunrise Energy Metals Limited Page 7 of 9

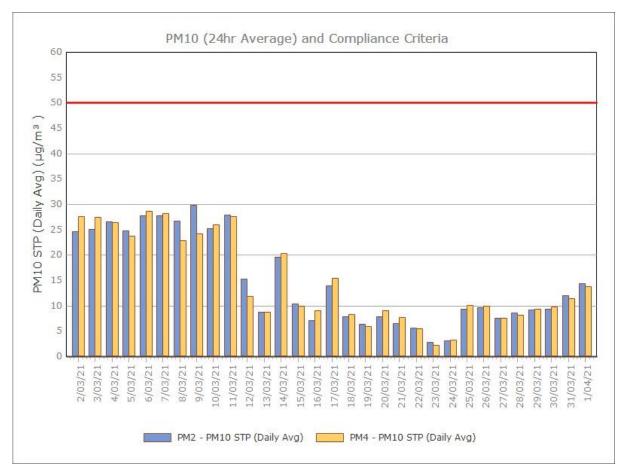
April 2021

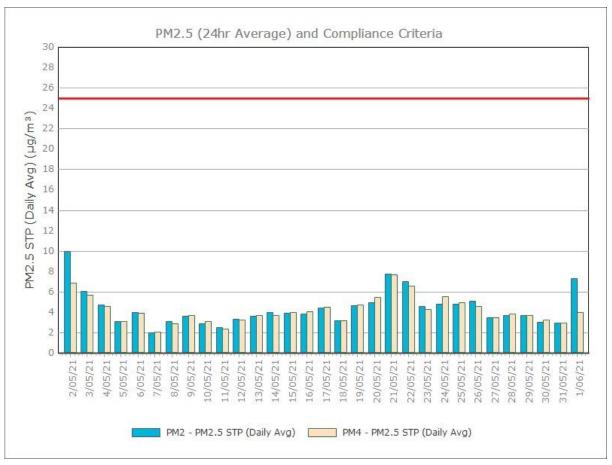




Sunrise Energy Metals Limited Page 8 of 9

May 2021





Sunrise Energy Metals Limited Page 9 of 9