

Quarterly Dust Monitoring Results

Q2 2021



Date of this report	2/08/2021
Environmental Personnel Submitting Report	Les Merton Environment and Community Superintendent Cameby Downs Mine Phone: (07) 4665 8621
Relevant Environmental Authority Conditions	EPML00900113 Condition B2 (e); quarterly reporting of the measured dust deposition rates and PM10 concentrations to a publicly available website
Period	1/04/2021 - 30/06/2021

Table 1: Quarter 2 2021 PM10 Concentrations

Date	PM10 24 hour Average ($\mu\text{g}/\text{m}^3$)
1/04/2021	8.0000
2/04/2021	6.1000
3/04/2021	8.3000
4/04/2021	6.5000
5/04/2021	6.1000
6/04/2021	4.0000
7/04/2021	3.1000
8/04/2021	3.6000
9/04/2021	3.4000
10/04/2021	8.1000
11/04/2021	16.8000
12/04/2021	12.5000
13/04/2021	8.6000
14/04/2021	9.2000
15/04/2021	9.9000
16/04/2021	11.3000
17/04/2021	12.4000
18/04/2021	8.6000
19/04/2021	8.6000

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Table 1: Quarter 2 2021 PM10 Concentrations

	PM10 24 hour Average ($\mu\text{g}/\text{m}^3$)
20/04/2021	4.9000
21/04/2021	10.4000
22/04/2021	9.4000
23/04/2021	19.3000
24/04/2021	8.7000
25/04/2021	9.4000
26/04/2021	13.6000
27/04/2021	13.5000
28/04/2021	9.4000
29/04/2021	9.6000
30/04/2021	9.2000
1/05/2021	6.4000
2/05/2021	5.2000
3/05/2021	6.6000
4/05/2021	4.8000
5/05/2021	9.4000
6/05/2021	5.3000
7/05/2021	4.7000
8/05/2021	3.8000
9/05/2021	6.9000
10/05/2021	9.3000
11/05/2021	7.0000
12/05/2021	8.2000
13/05/2021	6.0000
14/05/2021	4.2000
15/05/2021	4.7000
16/05/2021	6.3000
17/05/2021	9.7000

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Table 1: Quarter 2 2021 PM10 Concentrations

	PM10 24 hour Average ($\mu\text{g}/\text{m}^3$)
18/05/2021	5.8000
19/05/2021	9.9000
20/05/2021	8.0000
21/05/2021	5.9000
22/05/2021	5.5000
23/05/2021	9.9000
24/05/2021	4.6000
25/05/2021	9.1000
26/05/2021	9.0000
27/05/2021	12.2000
28/05/2021	8.9000
29/05/2021	9.8000
30/05/2021	6.8000
31/05/2021	9.0000
1/06/2021	9.0000
2/06/2021	9.2000
3/06/2021	14.7000
4/06/2021	6.2000
5/06/2021	3.8000
6/06/2021	3.7000
7/06/2021	4.6000
8/06/2021	9.1000
9/06/2021	6.9000
10/06/2021	5.8000
11/06/2021	5.3000
12/06/2021	4.1000
13/06/2021	4.9000
14/06/2021	7.5000

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Table 1: Quarter 2 2021 PM10 Concentrations

	PM10 24 hour Average ($\mu\text{g}/\text{m}^3$)
15/06/2021	6.7000
16/06/2021	5.9000
17/06/2021	6.6000
18/06/2021	4.9000
19/06/2021	4.0000
20/06/2021	2.5000
21/06/2021	4.2000
22/06/2021	8.5000
23/06/2021	6.3000
24/06/2021	6.0000
25/06/2021	8.1000
26/06/2021	2.3000
27/06/2021	1.3000
28/06/2021	1.7000
29/06/2021	6.4000
30/06/2021	4.1000

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Table 2: Quarter 2 2021 Depositional Dust Monitoring Data

	CDG1			CDG2			CDG3			CDG4			CDG5			CDG6		
	01-04-2021	04-05-2021	03-06-2021	01-04-2021	04-05-2021	03-06-2021	01-04-2021	04-05-2021	03-06-2021	01-04-2021	04-05-2021	03-06-2021	01-04-2021	04-05-2021	03-06-2021	01-04-2021	04-05-2021	03-06-2021
Depositional Dust																		
Ash Content - Monthly (g/m ² /month)	0.2	0.3	0.4	0.7	0.4	0.9	1.0	0.8	1.7	0.4	0.4	1.3	0.6	1.0	1.7	0.2	0.4	0.6
Ash Content (mg)	4	6	8	13	8	16	18	15	30	7	7	23	10	20	30	5	8	12
Combustible Matter (g/m ² /month)	0.1	<0.1	0.1	0.5	0.1	0.3	<0.1	0.1	1.3	0.1	0.1	0.5	0.3	1.0	0.3	0.1	0.2	0.1
Combustible Matter (mg)	2	<1	3	8	2	6	1	3	23	3	3	9	6	18	6	3	4	2
Calculated Rainfall (mm)	116	15	20	145	12	19	118	21	31	104	14	23	136	19	33	94	17	39
Volume	2050	259	351	2560	218	342	2090	369	544	1850	256	404	2400	334	583	1660	302	685
Total Soluble Matter (g/m ² /month)	2.8	1.0	1.7	3.5	1.7	1.4	3.0	1.7	3.2	0.4	1.9	1.7	3.6	3.1	2.3	1.4	1.6	1.9
Total Soluble Matter (mg)	52	20	30	64	34	25	54	34	56	8	37	31	66	61	40	26	30	33
Total Insoluble Matter (g/m ² /month)	0.4	0.3	0.6	1.2	0.5	1.2	1.0	0.9	3.0	0.5	0.5	1.8	0.9	2.0	2.0	0.4	0.6	0.8
Total Insoluble Matter (mg)	7	6	11	21	10	22	19	18	53	10	10	32	17	38	36	8	12	14
Total Solids (g/m ² /month)	3.2	1.3	2.3	4.7	2.2	2.6	4.0	2.6	6.2	0.9	2.4	3.5	4.5	5.1	4.3	1.8	2.2	2.7
Total Solids (mg)	59	26	41	85	44	47	73	52	109	18	47	63	83	99	76	34	42	47
Others	13.30	10.00	20.00	40.00	16.70	40.00	33.30	30.00	100.00	16.70	16.70	60.00	30.00	66.70	66.70	13.30	20.00	26.70