

Quarterly Dust Monitoring Results

Q2 2020



Date of this Report	23/07/2020
Environmental Personnel Submitting Report	Les Merton Environment and Community Superintendent Cameby Downs Mine
Relevant Environmental Authority Conditions	EPML00900113 <i>Condition B2 (e); quarterly reporting of the measured dust deposition rates and PM10 concentrations to a publicly available web site</i>
Period	01/04/2020 – 30/06/2020

Table 1: Quarter 2 2020: PM10 concentrations

Actual Date of data	UnitId	PM10MC($\mu\text{g}/\text{m}^3$)
1/04/2020	110	
2/04/2020	110	
3/04/2020	110	
4/04/2020	110	
5/04/2020	110	
6/04/2020	110	
7/04/2020	110	
8/04/2020	110	
9/04/2020	110	
10/04/2020	110	
11/04/2020	110	
12/04/2020	110	
13/04/2020	110	
14/04/2020	110	
15/04/2020	110	
16/04/2020	110	
17/04/2020	110	
18/04/2020	110	
19/04/2020	110	
20/04/2020	110	
21/04/2020	110	
22/04/2020	110	
23/04/2020	110	
24/04/2020	110	
25/04/2020	110	
26/04/2020	110	
27/04/2020	110	
28/04/2020	110	19
29/04/2020	110	
30/04/2020	110	

Quarterly Dust Monitoring Results

Q2 2020



1/05/2020	112	
2/05/2020	112	
3/05/2020	112	
4/05/2020	112	
5/05/2020	112	
6/05/2020	112	
7/05/2020	112	
8/05/2020	112	
9/05/2020	112	
10/05/2020	112	
11/05/2020	112	7.2
12/05/2020	112	6.3
13/05/2020	112	7.8
14/05/2020	112	13.1
15/05/2020	112	9.1
16/05/2020	112	6.1
17/05/2020	112	4.9
18/05/2020	112	7.3
19/05/2020	112	6.5
20/05/2020	112	8.2
21/05/2020	112	4.3
22/05/2020	112	3.2
23/05/2020	112	2.9
24/05/2020	112	3.3
25/05/2020	112	2.3
26/05/2020	112	3.1
27/05/2020	112	3.6
28/05/2020	112	7.3
29/05/2020	112	5.8
30/05/2020	112	6.3
31/05/2020	112	6.3
1/06/2020	112	6.7
2/06/2020	112	8.5
3/06/2020	112	5.3
4/06/2020	112	
5/06/2020	112	
6/06/2020	112	
7/06/2020	112	
8/06/2020	112	
9/06/2020	112	
10/06/2020	112	
11/06/2020	112	
12/06/2020	112	
13/06/2020	112	

Quarterly Dust Monitoring Results

Q2 2020



14/06/2020	112	
15/06/2020	112	
16/06/2020	112	
17/06/2020	112	
18/06/2020	112	
19/06/2020	112	
20/06/2020	112	
21/06/2020	112	
22/06/2020	112	
23/06/2020	112	6.8
24/06/2020	112	3.9
25/06/2020	112	2.8
26/06/2020	112	2.3
27/06/2020	112	4.4
28/06/2020	112	6.5
29/06/2020	112	6.1

Quarterly Dust Monitoring
Results

Q2 2020



Table 2: Q2 2020 Depositional Dust Monitoring Data

Parameters	Site	CDG1			CDG2			CDG3			CDG4			CD5		CDG6				
		04/05/20	01/06/20	02/07/20	04/05/20	01/06/20	02/07/20	04/05/20	01/06/20	02/07/20	04/05/20	01/06/20	02/07/20	04/05/20	01/06/20	02/07/20	04/05/20	01/06/20	02/07/20	
EA120: Ash Content																				
Ash Content	g/m ² .month	0.4	0.2	0.3	0.7	0.2	0.2	1.2	1.1	0.4	0.8	0.3	0.5	0.3	Glass funnel found broken on collection.	1.4	0.5	0.2	0.4	
Ash Content	mg	7	4	6	12	3	4	23	18	7	16	5	9	6		26	9	3	8	
EA125: Combustible Matter																				
Combustible Matter	g/m ² .month	0.2	0.1	<0.1	0.3	<0.1	0.1	0.4	0.2	0.2	0.6	<0.1	0.4	0.2		0.2	0.2	0.1	<0.1	0.1
Combustible Matter	mg	5	1	<1	7	<1	1	8	3	4	12	<1	8	3		4	3	1	2	
EA130: Calculated Rainfall																				
Calculated Rainfall	mm	4	7	30	4	6	22	6	8	39	8	5	22	6		42	4	8	30	
EA130: Volume																				
Volume	mL	76	118	538	63	111	392	108	151	695	142	961	391	112		739	69	143	531	
EA139: Total Soluble Matter																				
Total Soluble Matter	g/m ² .month	0.7	1.9	3.3	1	2.6	3.1	1.4	2.8	4.2	3	1.3	4.3	1.2	4.4	0.8	1.2	3.6		

Quarterly Dust Monitoring
Results

Q2 2020



Total Soluble Matter	mg	14	31	59	20	43	56	26	45	76	56	21	78	23		80	14	20	65
EA141: Total Insoluble Matter																			
Total Insoluble Matter	g/m ² .month	0.6	0.3	0.3	1	0.2	0.3	1.6	1.3	0.6	1.5	0.3	0.9	0.5		1.6	0.6	0.2	0.5
Total Insoluble Matter	mg	12	5	6	19	3	5	31	21	11	28	5	17	9		30	12	4	10
EA142: Total Solids																			
Total Solids	g/m ² .month	1.3	2.2	3.6	2	2.8	3.4	3	4.1	4.8	4.5	1.6	5.2	1.7		6	1.4	1.4	4.1
Total Solids	mg	26	36	65	39	46	61	57	66	87	84	26	95	32		110	26	24	75
Total Insoluble matter	mg/(m ² /day)	20	10	10	33	7	10	53	43	20	50	10	30	17	NA	53	20	7	17