

AIR QUALITY RESULTS 2016

License Number:	3391	Monitoring Frequency:	Once a month
Licensee:	RIX'S CREEK PTY. LIMITED PO BOX 4 EAST MAITLAND NSW 2323	Sampling Method:	AM-19
Premises:	RIX'S CREEK COLLIERY RIX'S CREEK LANE SINGLETON NSW 2330	Limits:	4 g/m ² /month EPA Guideline
		Pollutant:	Particulates - Deposited Matter
		Units of measure:	g/m ² /month

		Published: 15 February 2016	15 March 2016	8 April 2016	18 May 2016	11 June 2016	20 July 2016
		Sampled: 14 January 2016	12 February 2016	15 March 2016	13 April 2016	17 May 2016	17 June 2016
		Obtained: 11 February 2016	14 March 2016	8 April 2016	18 May 2016	10 June 2016	8 July 2016
Sampling Point	Monitoring Location	JANUARY Measurement	FEBRUARY Measurement	MARCH Measurement	APRIL Measurement	MAY Measurement	JUNE Measurement
1	D1	1.3	0.9	0.9	0.8	1.5	0.6
2	D2	1.1	0.9	2.7	2.9	1.4	1.6
3	D3	1.4	2.3	1.0	1.5	1.1	1.8
4	D5	1.4	1.4	1.6	1.7	1.7	3.5
5	D6	0.8	1.7	6.2c	5.8c	2.7	3.4
6	D7	0.9	0.9	2.9	2.1	1.5	2.1
7	D8	0.7	20c	1.0	1.0	1.2	0.9
8	D9	1.4	0.6	2.3	1.2	2.5	0.7
9	D10	0.6	1.2	1.5	0.9	1.4	1.0
10	D11	0.6	1.4	1.2	4.3c	2.3	1.0
11	D13	0.5	1.8	1.1	0.9	1.8	1.2
12	D14	1.8	1.3	2.7	1.4	1.0	1.9
13	D15	4.2	1.3	1.0	1.3	4.2c	2.2
14	D16	1.3	1.2	4.7c	8.9c	3.4	2.0
15	D17	1.6	1.2	0.8	0.8	1.7	2.6
16	D18	0.7	0.9	1.5	1.2	1.6	1.4
17	D19	27.7c	4.9c	4.1c	2.8	1.1	1.8
18	D20	1.5	1.4	1.3	1.4	2.4	2.1
19	D21	1.4	2.1c	3.8	0.9	1.2	1.3
20	D22	0.7	1.1	1.3	1.5	1.7	1.2
21	D23	5.8	2.0	2.3	1.9	2.8	1.9
22	D25	0.9	1.9	4.0	1.8	2.9	2.9
23	D26	0.7	1.1	1.5	0.2	1.2	**d
24	D27	2.8	3.2	2.6	2.4	3.4	3.9
25	D28	0.7	1.1	1.2	1.6	1.3	1.7
26	D29	1.1	1.2	0.9	0.8	1.5	1.5
27	D30	1.5	3.8c	4.4	1.8	1.3	1.0
28	D31	0.8	1.1	2.7	1.2	2.7c	1.7
29	D32	1.7	1.5	0.8	1.3	2.0	2.8
30	D33	1.6	1.1	1.0	0.9	1.1	1.1
Mean		1.4	1.4	1.9	1.4	1.8	1.8
Minimum		0.5	0.6	0.8	0.2	1.0	0.6
Maximum		5.8	3.2	4.4	2.9	3.4	3.9

*c - contaminated sample

**d - damaged gauge (no result)

Published:	20 August 2016	20 September 2016	13 October 2016	15 November 2016	9 December 2016	16 January 2017			
Sampled:	18 July 2016	19 August 2016	19 September 2016	19 October 2016	17 November 2016	19 December 2016			
Obtained:	10 August 2016	12 September 2016	11 October 2016	10 November 2016	8 December 2016	10 January 2017			
Sampling Point	Monitoring Location	JULY Measurement	AUGUST Measurement	SEPTEMBER Measurement	OCTOBER Measurement	NOVEMBER Measurement	DECEMBER Measurement	Year-to-date Average	EPA Guideline
1	D1	1.6	1.8	1.9	8.2c	23.0c	1.4	1.3	4
2	D2	1.3	1.2	1.6	1.2	2.1	1.2	1.6	4
3	D3	1.3	1.4	1.8	1.8	1.7	1.3	1.5	4
4	D5	2.5	1.4	3.3	2.2	3.1	1.1	2.1	4
5	D6	2.3	2.6	4.7	3.7	4.2	2.6	2.9	4
6	D7	1.2	1.1	1.5	4.1c	2.3	5.8c	1.7	4
7	D8	1.1	0.4	0.7	1.9	1.7	0.6	1.0	4
8	D9	1.9	1.1	1.8	1.7	2.2	1.4	1.6	4
9	D10	0.8	0.9	1.0	0.7	1.4	0.5	1.0	4
10	D11	0.8	0.9	1.2	3.7c	1.9	2.0	1.3	4
11	D13	1.3	1.2	1.8	2.2	2.2	3.4	1.6	4
12	D14	2.2	1.4	2.3	3.1	2.7	2.5	2.0	4
13	D15	2.9	2.2	1.1	0.7	2.8c	1.3	1.8	4
14	D16	1.3	1.5	1.9	3.2	2.8	2.7	2.1	4
15	D17	1.4	1.4	1.7	1.6	2.7	2.3	1.7	4
16	D18	0.9	1.1	1.4	1.4	1.9	2.0	1.3	4
17	D19	2.1	1	1.5	4.1c	2.6	4.9c	1.8	4
18	D20	1.8	1.9	2.7	1.9	2.7	1.3	1.9	4
19	D21	1.2	1.6	1.7	1.3	2.1	1.1	1.6	4
20	D22	1.1	1.3	1.8	1.6	2.7	1.8	1.5	4
21	D23	1.7	1.2	2.9	2.0	3.1	1.9	2.5	4
22	D25	1.6	17.5c	4.4	2.1	3.0	4.8c	2.6	4
23	D26	0.9	4c	0.8	0.8	1.3	2.0	1.1	4
24	D27	7.9c	2.1	18.8c	2.8c	4.4c	2.0	2.8	4
25	D28	1.0	1.5	3.2	2.0	2.2	2.9	1.7	4
26	D29	1.4	1.3	3.3	1.8	2.0	2.8	1.6	4
27	D30	0.9	1.4	1.0	14.0c	2.1	2.3	1.8	4
28	D31	1.3	5c	1.4	0.7	1.7	2.3	1.5	4
29	D32	1.8	2.1	2.9	3.5	3.3	2.0	2.1	4
30	D33	0.6	0.9	1.2	1.3	2.0	1.3	1.2	4

Mean	1.5	1.4	2.0	1.9	2.4	1.9
Minimum	0.6	0.4	0.7	0.7	1.3	0.5
Maximum	2.9	2.6	4.7	3.7	4.2	3.4

*c - contaminated sample

**d - damaged gauge (no result)



Rix's Creek Mine – Dust Deposition Gauge Location Diagram.