

AIR QUALITY RESULTS 2014

License Number: 3391
Licensee: RIX'S CREEK PTY. LIMITED
 PO BOX 4
 EAST MAITLAND NSW 2323
Premises: RIX'S CREEK COLLIERY
 RIX'S CREEK LANE
 SINGLETON NSW 2330

Monitoring Frequency: Once a month
Sampling Method: AM-19
Limits: 4 g/m²/month EPA Guideline
Pollutant: Particulates - Deposited Matter
Units of measure: g/m²/month

Published:	14 February 2014	19 March 2014	15 April 2014	20 May 2014	13 June 2014	16 July 2014
Sampled:	16 January 2014	14 February 2014	14 March 2014	15 April 2014	14 May 2014	13 June 2014
Obtained:	12 February 2014	12 March 2014	11 April 2014	12 May 2014	12 June 2014	11 July 2014

Sampling Point	Monitoring Location	JANUARY Measurement	FEBRUARY Measurement	MARCH Measurement	APRIL Measurement	MAY Measurement	JUNE Measurement
1	D1	0.9	0.6	2.3	1.0	5.6c	1.8
2	D2	0.8	1.0	d	1.5	2.3	1.4
3	D3	0.6	2.5	1.0	1.4	1.9	1.7
4	D5	1.2	1.0	1.4	1.6	2.9	2.8
5	D6	2.1	3.5	1.7	3.6	4.8c	4.1
6	D7	2.4	2.5	1.7	3.0	3.7	2.3
7	D8	0.7	0.7	1.4	1.7	2.0	0.7
8	D9	0.9	1.3	1.6	1.8	1.8	1.3
9	D10	0.7	2.0	1.2	1.2	1.2	0.8
10	D11	1.2	0.6	d	1.5	1.4	1.1
11	D13	1.2	0.9	1.3	1.4	1.6	1.3
12	D14	1.1	0.4	2.5	2.6	d	2.1
13	D15	4.4c	1.2	1.5	2.4	2.3	2.1
14	D16	1.5	1.4	1.5	1.2	2.1	2.8
15	D17	1.0	1.4	1.5	0.7	1.6	1.6
16	D18	0.9	0.7	1.2	1.1	1.5	1.2
17	D19	2.5	0.8	8.9c	16.3c	2.5	1.3
18	D20	2.8	1.1	3.7c	2.0	2.6	2.1
19	D21	0.9	1.2	4.5c	0.9	3.4	1.7
20	D22	2.3	1.8	1.2	1.4	1.3	1.7
21	D23	1.4	0.9	1.7	1.9	2.4	2.1
22	D25	1.5	4.7	3.0	3.0	3.7c	5.0c
23	D26	2.3	5.5	2.9	3.6	3.9	3.2
24	D27	1.8	1.1	8.0c	17.9c	4.6c	1.8
25	D28	2.0	1.5	d	2.8	3.0	1.8
26	D29	2.8	0.9	1.4	3.5c	1.7	0.9
27	D30	1.1	0.6	2.2	2.8	7.5c	1.6
28	D31	1.1	0.9	2.2	1.1	2.1	1.9
29	D32	2.1	1.5	2.0	1.4	2.6	2.8
30	D33	0.8	1.4	1.8	1.3	1.3	1.2

Mean	1.5	1.5	1.7	1.8	2.2	1.8
Minimum	0.6	0.4	1.0	0.7	1.2	0.7
Maximum	2.8	5.5	3.0	3.6	3.9	4.1

*c - contaminated sample

**d - damaged gauge (no result)

Published:	19 August 2014	18 September 2014	16 October 2014	13 November 2014	8 December 2014	13 January 2015
Sampled:	12 July 2014	12 August 2014	12 September 2014	14 October 2014	14 November 2014	15 December 2014
Obtained:	18 August 2014	11 September 2014	16 October 2014	12 November 2014	5 December 2014	13 January 2015

Sampling Point	Monitoring Location	JULY Measurement	AUGUST Measurement	SEPTEMBER Measurement	OCTOBER Measurement	NOVEMBER Measurement	DECEMBER Measurement	Year-to-date Average	EPA Guideline
1	D1	3.7	2.1	5.1	1.8	1.4	2.0	2.1	4
2	D2	1.7	1.0	1.2	1.4	1.7	1.4	1.4	4
3	D3	1.7	1.4	1.3	1.3	2.2	1.0	1.5	4
4	D5	2.8	1.5	2.7	2.2	1.9	1.0	1.9	4
5	D6	4.6	5.0c	2.1	3.7	7.2c	3.3	3.2	4
6	D7	2.4	3.0	2.9	2.2	7.9c	5.3	2.9	4
7	D8	1.6	1.5	0.9	1.2	1.7	1.0	1.3	4
8	D9	2.5	1.0	0.6	1.0	5.4	0.9	1.7	4
9	D10	0.7	0.7	1.8	2.4c	1.9c	1.0	1.1	4
10	D11	1.8	1.4	0.5	0.8	1.8	0.8	1.2	4
11	D13	2.7	1.6	0.9	1.7	2.0	2.3c	1.5	4
12	D14	d	1.8	0.9	1.4	0.2c	3.1	1.8	4
13	D15	2.9	3.1	1.2	1.9	1.8	1.1	2.0	4
14	D16	2.3	2.4	1.8	2.4	2.4	1.8	2.0	4
15	D17	1.9	1.1	0.8	1.6	2.0	3.0	1.5	4
16	D18	1.8	1.0	0.7	1.2	1.7	1.3	1.2	4
17	D19	3.3c	5.8c	1.3	19.9c	21.8c	11.4c	1.7	4
18	D20	3.9	2.2	1.2	1.7	3.0c	0.9	2.1	4
19	D21	1.9	1.1	0.6	1.5	2.4c	0.9	1.4	4
20	D22	2.6	1.6	0.6	2.0	2.2c	2.2c	1.7	4
21	D23	4.1c	1.1	1.7	2.0	2.1	2.4	1.8	4
22	D25	3.8	5.0c	3.1c	2.1	1.9	3.3	2.9	4
23	D26	2.6	2.8	2.2	1.6	8.0	4.8	3.6	4
24	D27	5.3c	1.5	0.6	6.0c	73c	20.4c	1.4	4
25	D28	3.0	1.4	2.1	2.7	1.8	2.2	2.2	4
26	D29	2.3	1.5	1.0	2.2	1.9	1.2	1.6	4
27	D30	2.5	3.8	1.7	d	1.0c	2.1	2.0	4
28	D31	6.3c	2.8	2.1	1.0	1.9	1.8	1.7	4
29	D32	5.8c	3.4	1.3	2.1	2.4	2.3	2.2	4
30	D33	2.8c	1.8	1.6	1.8	0.9	1.8	1.4	4

Mean	2.5	1.8	1.5	1.8	2.3	2.0
Minimum	0.7	0.7	0.5	0.8	0.9	0.8
Maximum	4.6	3.8	5.1	3.7	8.0	5.3

*c - contaminated sample

**d - damaged gauge (no result)



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